



Finanziato  
dall'Unione europea  
NextGenerationEU

Città di  
Figline e Incisa Valdarno  
Città Metropolitana di Firenze

AREA GESTIONE E SVILUPPO DEL TERRITORIO

**PNRR M4C1 INVESTIMENTO 1.1: RICONVERSIONE AD ASILO NIDO DI UNA  
PORZIONE DELLA SCUOLA PRIMARIA "LA MASSA" MEDIANTE  
RISTRUTTURAZIONE CON EFFICIENTAMENTO ENERGETICO**

CUP: F93C24000400006

Località Massa - 50064 - Figline e Incisa Valdarno (FI)

R.U.P.: Arch. Roberto Calussi

Progettazione e coordinamento  
per la sicurezza:

**Fabrica Progetti S.r.l.**  
via G.Pasquali 14 - 50135 Firenze (FI)  
Ing. Emiliano Colonna  
Ing. Jacopo Morganti



Consulenza per la progettazione  
energetica e impiantistica:

**Studio Greenhaus**  
via Togliatti 108 - 50059 Sovigliana, Vinci (FI)  
Ing. Gabriele Barbanti

greenhaus

**PROGETTO ESECUTIVO**

TAV.

**24032E-R-S-09**

OGGETTO:

**Fascicolo dei calcoli - Strutture in elevazione**

Scala:

-

Edizione:

01

Data:

Settembre 2024

# RELAZIONE DI CALCOLO STRUTTURALE – MODELLO SISMICO

## PREMESSA

La presente relazione di calcolo strutturale, in conformità al §10.1 del DM 17/01/18, è comprensiva di una descrizione generale dell'opera e dei criteri generali di analisi e verifica. Segue inoltre le indicazioni fornite al §10.2 del DM stesso per quanto concerne analisi e verifiche svolte con l'ausilio di codici di calcolo.

Nella presente parte sono riportati i principali elementi di inquadramento del progetto esecutivo riguardante le strutture, in relazione agli strumenti urbanistici, al progetto architettonico, al progetto delle componenti tecnologiche in generale ed alle prestazioni attese dalla struttura.

## ANALISI STORICO-CRITICA ED ESITO DEL RILIEVO GEOMETRICO-STRUTTURALE

Per edifici esistenti, in coerenza con il paragrafo 8.2 delle NTC-18, l'analisi storico-critica ed il rilievo geometrico-strutturale devono evidenziare i seguenti aspetti: (a) la costruzione riflette lo stato delle conoscenze al tempo della sua realizzazione; (b) possono essere insiti e non palesi difetti di impostazione e di realizzazione; (c) la costruzione può essere stata soggetta ad azioni, anche eccezionali, i cui effetti non siano completamente manifesti; (d) le strutture possono presentare degrado e/o modificazioni significative rispetto alla situazione originaria.

### Analisi storico-critica

Per edifici esistenti, viene indicata la documentazione reperita e vengono esplicitate le informazioni desunte da ciascuno dei documenti esaminati per le finalità indicate al paragrafo 8.5.1 delle NTC-18.

### Esito del rilievo geometrico-strutturale

Per edifici esistenti, vengono descritte le modalità con cui è stato effettuato il rilievo geometrico strutturale e gli esiti di quest'ultimo, anche con riferimenti espliciti e puntuali agli elaborati grafici che saranno riportati nella parte "4.1. Rilievo geometrico-strutturale". Il rilievo delle strutture deve essere eseguito e restituito secondo le modalità e con le finalità riportate nei paragrafi 8.5.2 e 8.7 delle NTC-18.

## DESCRIZIONE GENERALE DELL'OPERA

Descrizione generale dell'opera	
Fabbricato ad uso	
Ubicazione	Comune di FIGLINE E INCISA VALDARNO - EX INCISA IN VAL D'ARNO (FI) (Regione TOSCANA)
	Località FIGLINE E INCISA VALDARNO - EX INCISA IN VAL D'ARNO (FI)
	Longitudine 11.449, Latitudine 43.656
Numero di piani	Fuori terra
	Interrati

Parametri della struttura			
Classe d'uso	Vita [anni]	Vn Coeff. Uso	Periodo Vr [anni]
III	50.0	1.5	75.0

## QUADRO NORMATIVO DI RIFERIMENTO ADOTTATO

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito. Nel capitolo “normativa di riferimento” è comunque presente l'elenco completo delle normative disponibili.

Progetto-verifica degli elementi	
Progetto cemento armato	D.M. 17-01-2018
Progetto acciaio	D.M. 17-01-2018
Progetto legno	D.M. 17-01-2018
Progetto muratura	D.M. 17-01-2018
Azione sismica	
Norma applicata per l'azione sismica	D.M. 17-01-2018

## LIVELLI DI CONOSCENZA E FATTORI DI CONFIDENZA

Il livello di conoscenza, per edifici esistenti è LC2

Pertanto il fattore di confidenza è 1,2

## AZIONI DI PROGETTO SULLA COSTRUZIONE

Nei capitoli “modellazione delle azioni” e “schematizzazione dei casi di carico” sono indicate le azioni sulla costruzione.

Nel prosieguo si indicano il tipo di analisi strutturale condotta (statico, dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame *sono risultate effettivamente esaustive per la progettazione-verifica*.

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L'analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L'analisi strutturale è condotta con il metodo dell'analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L'analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell'ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

$$\mathbf{K} * \mathbf{u} = \mathbf{F}$$

dove  $\mathbf{K}$  = matrice di rigidezza  
 $\mathbf{u}$  = vettore spostamenti nodali  
 $\mathbf{F}$  = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all'elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l'asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

Elemento tipo <b>TRUSS</b>	(biella-D2)
Elemento tipo <b>BEAM</b>	(trave-D2)
Elemento tipo <b>MEMBRANE</b>	(membrana-D3)
Elemento tipo <b>PLATE</b>	(piastra-guscio-D3)
Elemento tipo <b>BOUNDARY</b>	(molla)
Elemento tipo <b>STIFFNESS</b>	(matrice di rigidezza)
Elemento tipo <b>BRICK</b>	(elemento solido)
Elemento tipo <b>SOLAIO</b>	(macro elemento composto da più membrane)

## MODELLO NUMERICO

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 e relativi sottoparagrafi delle NTC-18, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Tipo di analisi strutturale	
Sismica statica lineare	NO
Sismica dinamica lineare	SI
Sismica statica non lineare (prop. masse)	NO
Sismica statica non lineare (prop. modo)	NO
Sismica statica non lineare (triangolare)	NO
Non linearità geometriche (fattore P delta)	NO
Analisi lineare	SI

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP Professional Structural Analysis Program
Versione:	PROFESSIONAL (build 2023-07-199)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara
Codice Licenza:	Licenza dsi6547

Un attento esame preliminare della documentazione a corredo del software **ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico**. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero

significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche.

E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: <http://www.2si.it/Software/Affidabilità.htm>

Modellazione della geometria e proprietà meccaniche:	
nodi	1946
elementi D2 (per aste, travi, pilastri...)	184
elementi D3 (per pareti, platee, gusci...)	1567
elementi solaio	14
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	-265.76
Xmax =	2308.26
Ymin =	-370.78
Ymax =	2204.32
Zmin =	0.00
Zmax =	410.00
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	SI
Pareti	SI
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	NO
Travi	SI
Gusci	SI
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	SI
Solai senza la proprietà piano rigido	NO
Tipo di vincoli:	
Nodi vincolati rigidamente	SI
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	NO
Fondazioni di tipo trave	NO
Fondazioni di tipo platea	NO
Fondazioni con elementi solidi	NO

## MODELLAZIONE DELLE AZIONI

Si veda il capitolo “**Schematizzazione dei casi di carico**” per le informazioni necessarie alla comprensione ed

alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte “2.6. Azioni di progetto sulla costruzione”.

## COMBINAZIONI E/O PERCORSI DI CARICO

Si veda il capitolo “**Definizione delle combinazioni**” in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

Combinazioni dei casi di carico	
APPROCCIO PROGETTUALE	Approccio 2
SLU	SI
SLV (SLU con sisma)	SI
SLC	NO
SLD	SI
SLO	SI
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO
Combinazione caratteristica (rara)	NO
Combinazione frequente	NO
Combinazione quasi permanente (SLE)	NO
SLA (accidentale quale incendio)	NO

Principali risultati
<p>I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta.</p> <p>2.8.1. Risultati dell'analisi modale</p> <p>Viene riportato il tipo di analisi modale condotta, restituiti i risultati della stessa e valutate le informazioni desumibili in merito al comportamento della struttura.</p> <p>2.8.2. Deformate e sollecitazioni per condizioni di carico</p> <p>Vengono riportati i principali risultati atti a descrivere il comportamento della struttura, in termini di stati di sollecitazione e di deformazione generalizzata, distinti per condizione elementare di carico o per combinazioni omogenee delle stesse.</p> <p>2.8.3. Involuppo delle sollecitazioni maggiormente significative.</p> <p>L'analisi e la restituzione degli involuppi (nelle combinazioni considerate agli SLU e agli SLE) delle caratteristiche di sollecitazione devono essere finalizzate alla valutazione dello stato di sollecitazione nei diversi elementi della struttura.</p> <p>2.8.4. Reazioni vincolari</p> <p>Vengono riportate le reazioni dei vincoli nelle singole condizioni di carico e/o nelle combinazioni considerate.</p> <p>2.8.5. Altri risultati significativi</p> <p>Nella presente parte vengono riportati tutti gli altri risultati che il progettista ritiene di interesse per la descrizione e la comprensione del/i modello/i e del comportamento della struttura.</p> <p>La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:</p> <p>per i dati in ingresso:</p> <ul style="list-style-type: none"> <li>• modello solido della struttura</li> <li>• numerazione di nodi e ed elementi</li> <li>• configurazioni di carico statiche</li> <li>• configurazioni di carico sismiche con baricentri delle masse e eccentricità</li> </ul>

per le combinazioni più significative (statisticamente più gravose per la struttura):

- configurazioni deformate
- diagrammi e involuppi delle azioni interne
- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi:

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

#### **Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.**

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l'elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

## **VERIFICHE AGLI STATI LIMITE ULTIMI**

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di duttilità, di degrado.

## **VERIFICHE AGLI STATI LIMITE DI ESERCIZIO**

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLE vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

## NORMATIVA DI RIFERIMENTO

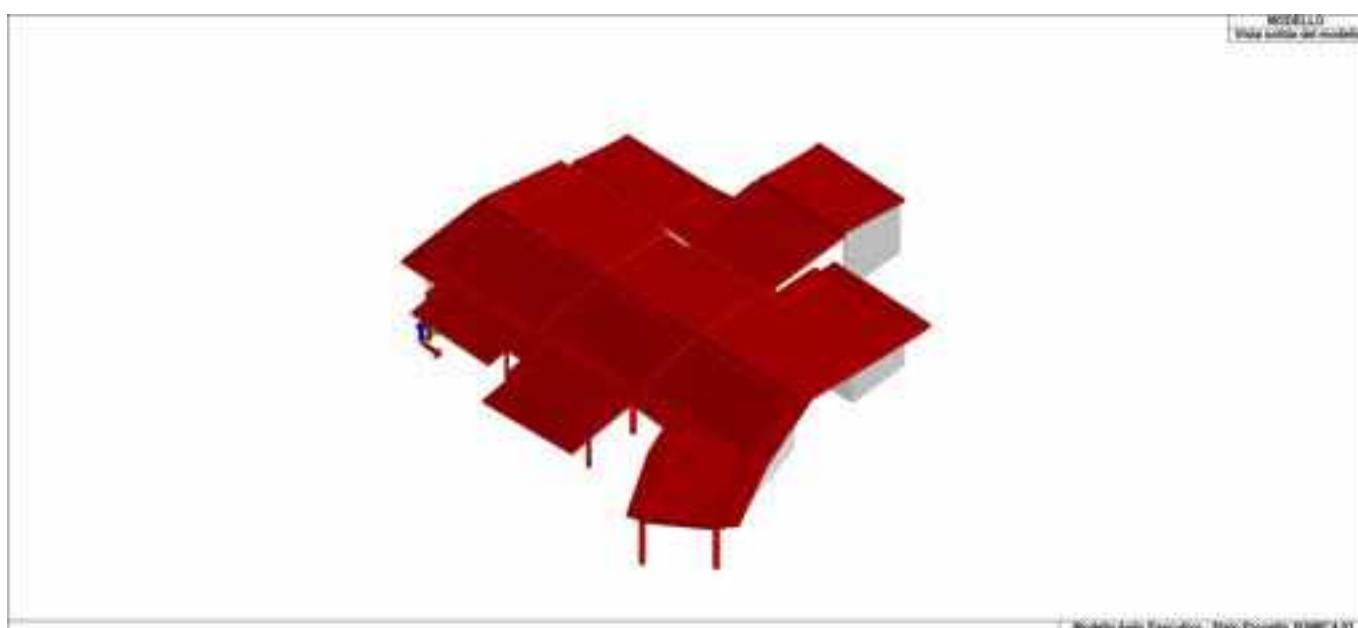
37. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
38. Circolare 21/01/19, n. 7 C.S.LL.PP. "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
39. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
40. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
41. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
42. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
43. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
44. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
45. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
46. Circolare 4 Gennaio 1989 n. 30787 "Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
47. D.M. LL.PP. 11 Marzo 1988 "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".
48. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
49. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
50. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica" e successive modificazioni e integrazioni.
51. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
52. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
53. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
54. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
55. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
56. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
57. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
58. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
59. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
60. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
61. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
62. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
63. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali – Regole comuni e regole per gli edifici.
64. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
65. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
66. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi

di calcolo semplificato per strutture di muratura non armata.

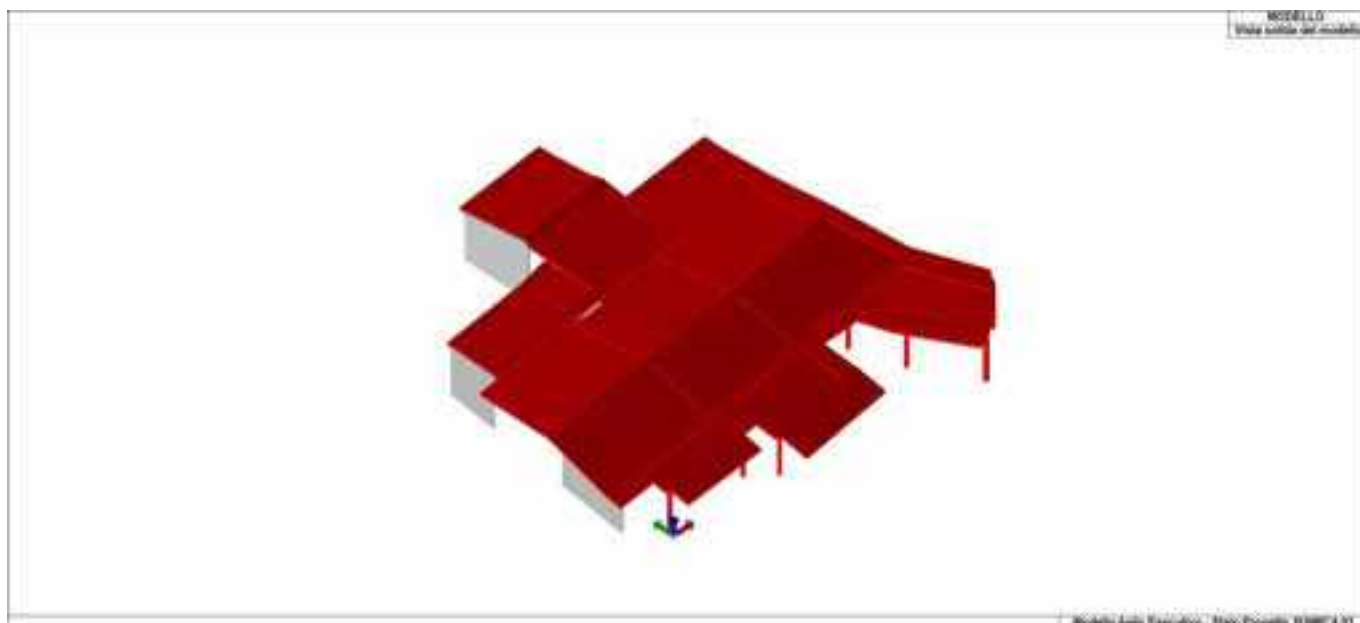
67. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
68. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
69. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
70. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.
71. CNR DT-200/2013 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati
72. CNR DT-215/2018 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica

NOTA: il presente capitolo riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO".

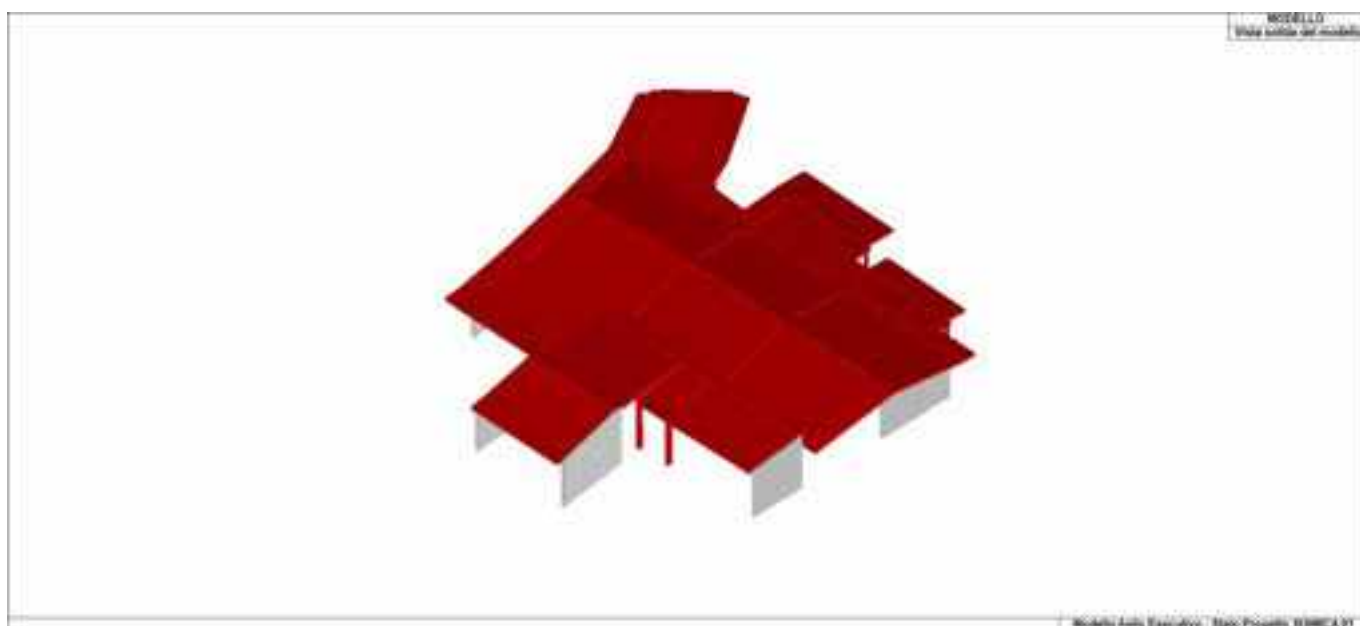
Laddove nei capitoli successivi vengano richiamate normative antecedenti al DM 17.01.18 è dovuto alla progettazione simulata di edificio esistente.



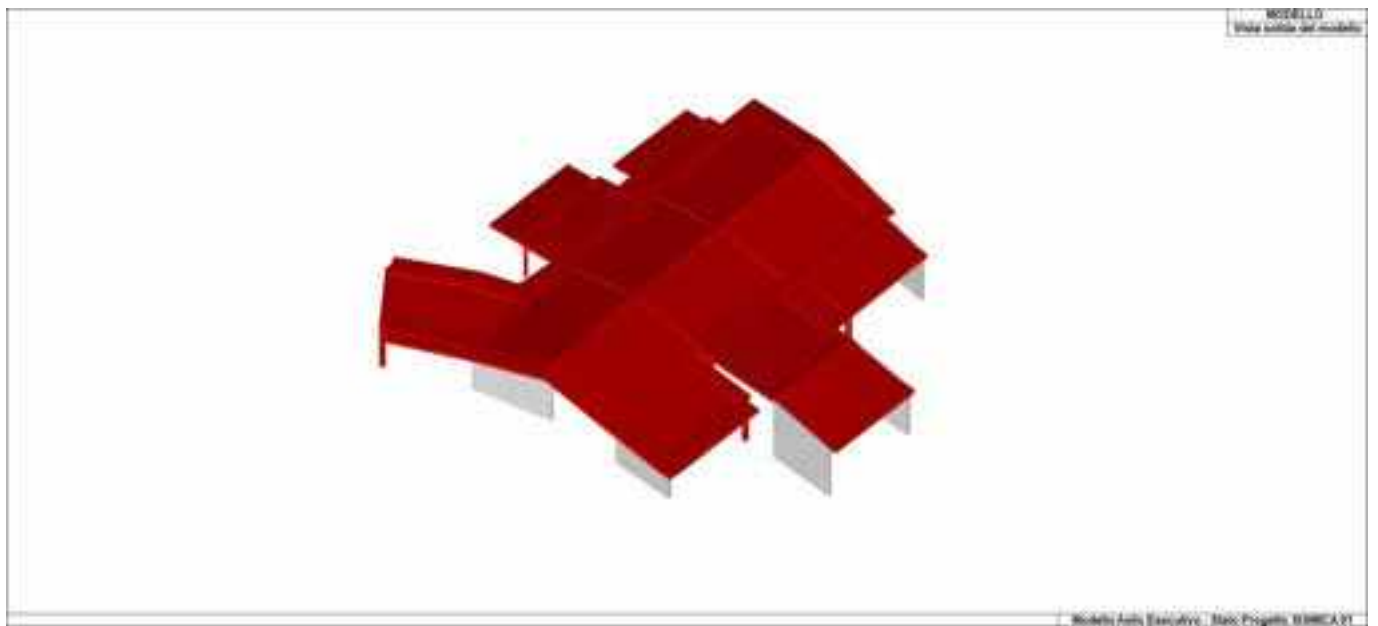
01\_INT\_VISTA\_SOLIDA\_001



01\_INT\_VISTA\_SOLIDA\_002



01\_INT\_VISTA\_SOLIDA\_003



01\_INT\_VISTA\_SOLIDA\_004

# CARATTERISTICHE MATERIALI UTILIZZATI

## LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

Young	modulo di elasticità normale E
Poisson	coefficiente di contrazione trasversale $\nu$
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica
Fattore di confidenza FC m	Fattore di confidenza specifico per materiale; (è riportato solo se diverso da quello globale della struttura)
Fattore di confidenza FC a	Fattore di confidenza specifico per l'armatura (è riportato solo se diverso da quello globale della struttura)
Elasto-plastico	Materiale elastico perfettamente plastico per aste non lineari
Massima compressione	Massima tensione di compressione per aste non lineari
Massima trazione	Massima tensione di trazione per aste non lineari
Fattore attrito	Coefficiente di attrito per aste non lineari
Rapporto HRDb	Rapporto di hardening a flessione
Rapporto HRDv	Rapporto di hardening a taglio

I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	c.a.	Resistenza Rc Resistenza fctm Coefficiente ksb	resistenza a compressione cubica resistenza media a trazione semplice Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio	Tensione ft Tensione fy Resistenza fd Resistenza fd (>40) Tensione ammissibile Tensione ammissibile(>40)	Valore della tensione di rottura Valore della tensione di snervamento Resistenza di calcolo per SL CNR-UNI 10011 Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm Tensione ammissibile CNR-UNI 10011 Tensione ammissibile CNR-UNI 10011 per spessori > 40mm
3	muratura	Muratura consolidata	Muratura per la quale si prevedono interventi di rinforzo"

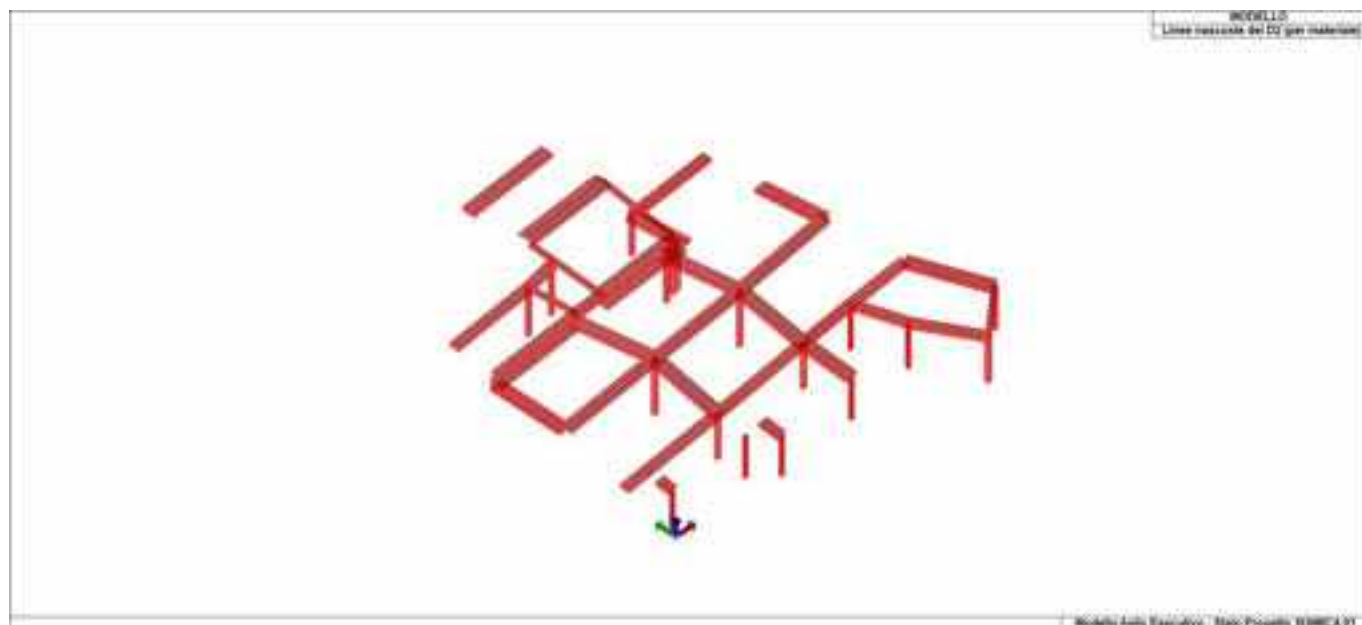
	Incremento resistenza	Incremento conseguito in termini di resistenza
	Incremento rigidezza	Incremento conseguito in termini di rigidezza
	Resistenza f	Valore della resistenza a compressione
	Resistenza fv0	Valore della resistenza a taglio in assenza di tensioni normali
	Resistenza fh	Valore della resistenza a compressione orizzontale
	Resistenza fb	Valore della resistenza a compressione dei blocchi
	Resistenza fbh	Valore della resistenza a compressione dei blocchi in direzione orizzontale
	Resistenza fv0h	Valore della resistenza a taglio in assenza di tensioni normali per le travi
	Resistenza ft	Valore della resistenza a trazione per fessurazione diagonale
	Resistenza fvim	Valore della massima resistenza a taglio
	Resistenza fbt	Valore della resistenza a trazione dei blocchi
	Coefficiente mu	Coefficiente d'attrito utilizzato per la resistenza a taglio
	Coefficiente fi	Coefficiente d'ingranamento utilizzato per la resistenza a taglio
	Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
4	legno	
	E0,05	Modulo di elasticità corrispondente ad un frattile del 5%
	Resistenza fc0	Valore della resistenza a compressione parallela
	Resistenza ft0	Valore della resistenza a trazione parallela
	Resistenza fm	Valore della resistenza a flessione
	Resistenza fv	Valore della resistenza a taglio
	Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
	Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
	Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
	Modulo E0,05	Modulo elastico parallelo caratteristico
	Lamellare	lamellare o massiccio

Nel tabulato si riportano sia i valori caratteristici che medi utilizzando gli uni e/o gli altri in relazione alle richieste di normativa ed alla tipologia di verifica. (Cap.7 NTC18 per materiali nuovi, Cap.8 NTC18 e relativa circolare 21/01/2019 per materiali esistenti, Linee Guida Reluis per incamiciatura CAM, CNR-DT 200 per interventi con FRP, CNR-DT 215 per interventi con FRCM)

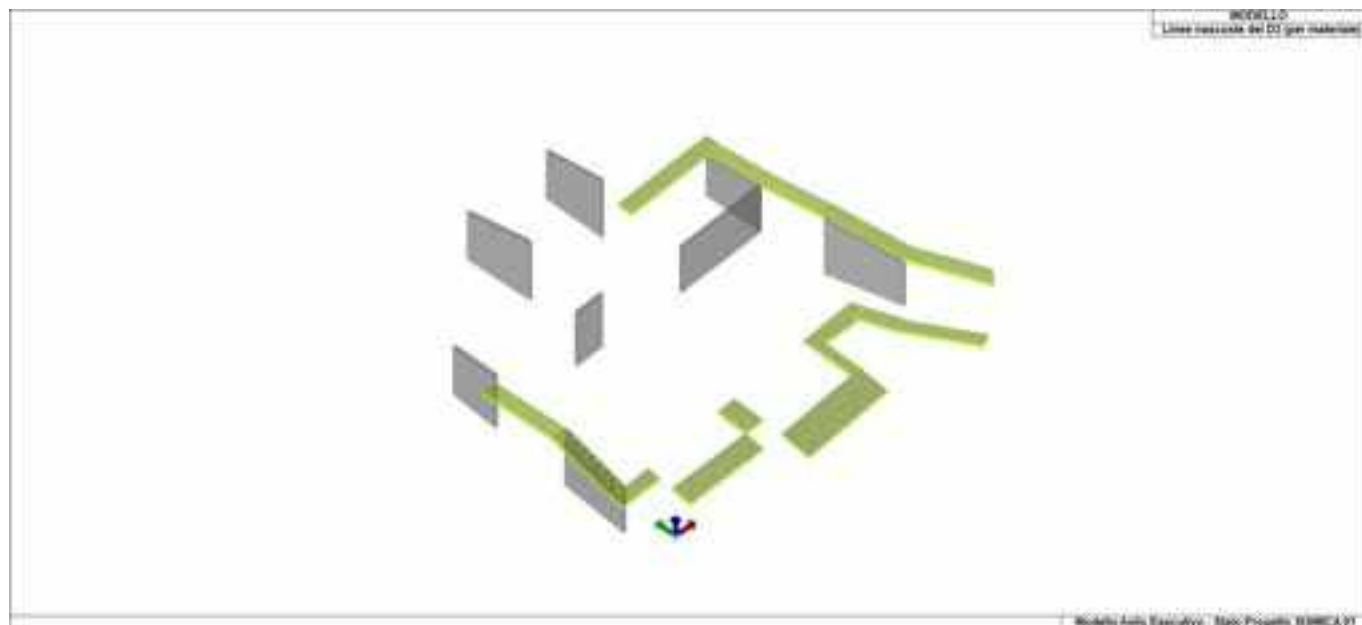
Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
1	Calcestruzzo Classe C25/30 < MATERIALE NUOVO >			3.145e+05	0.20	1.310e+05	2.50e-03	1.00e-05	
	Resistenza Rc	300.0	396.4						
	Resistenza fctm		25.6						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
159	Cls esistente - Calcestruzzo Classe C25/30 < MATERIALE ESISTENTE >			3.020e+05	0.20	1.258e+05	2.50e-03	1.00e-05	
	Fattore di confidenza FC m								1.20
	Fattore di confidenza FC a								1.20
	Resistenza Rc	153.6	295.0						
	Resistenza fctm		22.6						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00
	Coefficiente ksb								0.85

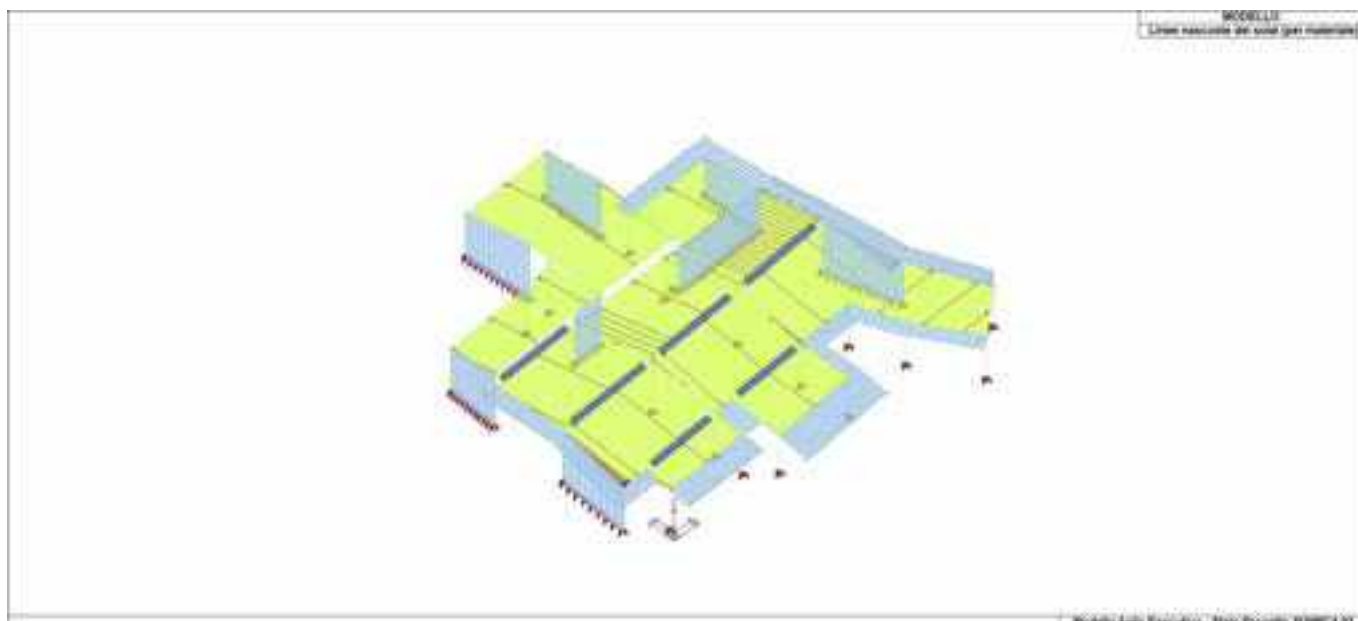
Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



11\_MOD\_MATERIALI\_D2



11\_MOD\_MATERIALI\_D3



## 11\_MOD\_MATERIALI\_SOLAI

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
<b>Generalità</b>						
Progetto armatura	Parete NON DISSIPATIVA	Singolo elemento FONDAZIONE	Singolo elemento NON DISSIPATIVO	Singolo elemento	Parete NON DISSIPATIVA	
<b>Armatura</b>						
Inclinazione Av [ gradi ]	90.00	90.00	90.00	90.00	90.00	
Angolo Av-Ao [ gradi ]	90.00	90.00	90.00	90.00	90.00	
Minima tesa	0.20	0.20	0.20	2.000e-02	0.20	
Massima tesa	4.00	4.00	4.00	4.00	4.00	
Maglia unica centrale	NO	NO	NO	NO	NO	
Unico strato verticale	NO	NO	NO	NO	NO	
Unico strato orizzontale	NO	NO	NO	NO	NO	
Copriferro [ cm ]	3.00	2.00	2.00	2.00	3.00	
<b>Maglia V</b>						
diametro	16	10	10	10	16	
passo	25	25	25	25	20	
diametro aggiuntivi	16	12	12	12	16	
<b>Maglia O</b>						
diametro	12	10	10	10	12	
passo	25	25	25	25	20	
diametro aggiuntivi	12	12	12	12	12	
<b>Stati limite ultimi</b>						
Tensione fy [daN/cm2 ]	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	
Verifiche con N costante	SI	SI	SI	SI	SI	
<b>Tensioni ammissibili</b>						
Tensione amm. cls [daN/cm2 ]	97.50	97.50	97.50	97.50	97.50	
Tensione amm. acciaio [daN/cm2 ]	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	
<b>Parete estesa debolmente armata</b>						
Fattore amplificazione taglio V	0.0	0.0	0.0	0.0	0.0	
Hcrit. par. 7.4.4.5.1 [	0.0	0.0	0.0	0.0	0.0	

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
cm ]						
Hcrit. par. 7.4.6.1.4 [ cm ]	0.0	0.0	0.0	0.0	0.0	
Diagramma involuppo taglio	NO	NO	NO	NO	NO	
Vincolo lati	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	
Verifica come fascia	NO	NO	NO	NO	NO	
Diametro di estremità	0	0	0	0	0	
<b>Zona confinata</b>						
Minima tesa	1.00	1.00	1.00	1.00	1.00	
Massima tesa	4.00	4.00	4.00	4.00	4.00	
Distanza barre [ cm ]	2.00	2.00	2.00	2.00	2.00	
Interferro	2	2	2	2	2	
<b>Armatura inclinata</b>						
Area barre [ cm2 ]	0.0	0.0	0.0	0.0	0.0	
Angolo orizzontale [ gradi ]	0.0	0.0	0.0	0.0	0.0	
Distanza di base [ cm ]	0.0	0.0	0.0	0.0	0.0	
<b>Resistenza al fuoco</b>						
3- intradosso	NO	NO	NO	NO	NO	
3+ estradosso	NO	NO	NO	NO	NO	
Tempo di esposizione R	15	15	15	15	15	

Gusci c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
<b>Armatura</b>						
Inclinazione Ax [ gradi ]	0.0	0.0	0.0	0.0	0.0	
Angolo Ax-Ay [ gradi ]	90.00	90.00	90.00	90.00	90.00	
Minima tesa	0.31	0.10	0.13	2.000e-02	0.31	
Massima tesa	0.78	4.00	4.00	4.00	0.78	
Maglia unica centrale	NO	NO	NO	NO	NO	
Copriferro [ cm ]	2.00	3.00	2.00	2.00	2.00	
<b>Maglia x</b>						
diametro	10	12	10	14	10	
passo	20	20	20	20	20	
diametro aggiuntivi	12	12	12	14	12	
<b>Maglia y</b>						
diametro	10	12	10	14	10	
passo	20	20	20	20	20	
diametro aggiuntivi	12	12	12	14	12	
<b>Stati limite ultimi</b>						
Tensione fy [daN/cm2 ]	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	
Verifiche con N costante	SI	SI	SI	SI	SI	
Applica SLU da DIN	NO	NO	NO	NO	NO	
<b>Tensioni ammissibili</b>						
Tensione amm. cls [daN/cm2 ]	97.50	97.50	97.50	97.50	97.50	
Tensione amm. acciaio [daN/cm2 ]	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	
<b>Resistenza al fuoco</b>						
3- intradosso	NO	NO	NO	NO	NO	
3+ estradosso	NO	NO	NO	NO	NO	
Tempo di esposizione R	15	15	15	15	15	

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
<b>Generalità</b>						
Progetta a filo	NO	NO	NO	NO	NO	
Af inf: da q*L*L /	0.0	0.0	0.0	0.0	0.0	
<b>Armatura</b>						
Minima tesa	0.31	0.20	0.13	2.000e-02	0.31	
Minima compressa	0.31	0.20	0.13	2.000e-02	0.31	
Massima tesa	0.78	4.00	4.00	4.00	0.78	
Da sezione	SI	SI	SI	SI	SI	

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Usa armatura teorica	NO	NO	NO	NO	NO	
<b>Stati limite ultimi</b>						
Tensione fy [daN/cm <sup>2</sup> ]	4500.00	4500.00	4500.00	4500.00	4500.00	
Tensione fy staffe [daN/cm <sup>2</sup> ]	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	
Verifiche con N costante	SI	SI	SI	SI	SI	
Fattore di ridistribuzione	0.0	0.0	0.0	0.0	0.0	
<b>Modello per il confinamento</b>						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander	Mander	
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	
Fattore lambda	1.00	1.00	1.00	1.00	1.00	
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	
epsilon c2	0.0	0.0	0.0	0.0	0.0	
epsilon cy	0.0	0.0	0.0	0.0	0.0	
<b>Tensioni ammissibili</b>						
Tensione amm. cls [daN/cm <sup>2</sup> ]	97.50	97.50	97.50	97.50	97.50	
Tensione amm. acciaio [daN/cm <sup>2</sup> ]	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	
<b>Staffe</b>						
Diametro staffe	0.0	0.0	0.0	0.0	0.0	
Passo minimo [ cm ]	4.00	4.00	4.00	4.00	4.00	
Passo massimo [ cm ]	30.00	30.00	30.00	30.00	30.00	
Passo raffittito [ cm ]	15.00	15.00	15.00	15.00	15.00	
Lunghezza zona raffittita [ cm ]	50.00	50.00	50.00	50.00	50.00	
Ctg(Teta) Max	2.50	2.50	2.50	2.50	2.50	
Percentuale sagomati	0.0	0.0	0.0	0.0	0.0	
Luce di taglio per GR [ cm ]	1.00	1.00	1.00	1.00	1.00	
Adotta scorrimento medio	NO	NO	NO	NO	NO	
Torsione non essenziale inclusa	SI	SI	SI	SI	SI	

Pilastrì c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
<b>Generalità</b>						
Progetto armatura	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	
Progetta a filo	NO	NO	NO	SI	NO	
Effetti del 2 ordine	SI	SI	SI	SI	SI	
Beta per 2-2	1.00	1.00	1.00	1.00	1.00	
Beta per 3-3	1.00	1.00	1.00	1.00	1.00	
<b>Armatura</b>						
Massima tesa	4.00	4.00	4.00	4.00	4.00	
Minima tesa	1.00	1.00	0.30	2.000e-02	1.00	
<b>Stati limite ultimi</b>						
Tensione fy [daN/cm <sup>2</sup> ]	4500.00	4500.00	4500.00	4500.00	4500.00	
Tensione fy staffe [daN/cm <sup>2</sup> ]	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	
Verifiche con N costante	SI	SI	SI	SI	SI	
<b>Modello per il confinamento</b>						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander	Mander	
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	
Fattore lambda	1.00	1.00	1.00	1.00	1.00	
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	
epsilon c2	0.0	0.0	0.0	0.0	0.0	
epsilon cy	0.0	0.0	0.0	0.0	0.0	
<b>Tensioni ammissibili</b>						
Tensione amm. cls [daN/cm <sup>2</sup> ]	97.50	97.50	97.50	97.50	97.50	
Tensione amm. acciaio [daN/cm <sup>2</sup> ]	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	
<b>Staffe</b>						
Diametro staffe	0.0	0.0	0.0	0.0	0.0	
Passo minimo [ cm ]	5.00	5.00	5.00	5.00	5.00	
Passo massimo [ cm ]	25.00	25.00	25.00	25.00	25.00	
Passo raffittito [ cm ]	15.00	15.00	15.00	15.00	15.00	
Lunghezza zona raffittita [ cm ]	45.00	45.00	45.00	45.00	45.00	
Ctg(Teta) Max	2.50	2.50	2.50	2.50	2.50	

<b>Pilastri c.a.</b>	<b>1/7/..</b>	<b>2/8/..</b>	<b>3/9/..</b>	<b>4/10/..</b>	<b>5/11/..</b>	<b>6/12/..</b>
Luce di taglio per GR [ cm ]	1.00	1.00	1.00	1.00	1.00	
Massimizza gerarchia	SI	SI	SI	SI	SI	

<b>Solai e pannelli</b>	<b>1/7/..</b>	<b>2/8/..</b>	<b>3/9/..</b>	<b>4/10/..</b>	<b>5/11/..</b>	<b>6/12/..</b>
<b>Generalità</b>						
Usa tensioni ammissibili	NO	NO	NO	NO	NO	
Af inf: da traliccio	SI	SI	SI	SI	SI	
Consenti armatura a taglio	NO	NO	NO	NO	NO	
Incrementa armatura longitudinale per taglio	SI	SI	SI	SI	SI	
Af inf: da $q \cdot L \cdot L /$	20.00	20.00	20.00	20.00	20.00	
Incremento fascia piena [ cm ]	5.00	5.00	5.00	5.00	5.00	
<b>Armatura</b>						
Minima tesa	0.15	0.15	0.15	0.15	0.15	
Massima tesa	3.00	3.00	3.00	3.00	3.00	
Minima compressa	0.0	0.0	0.0	0.0	0.0	
Af/h [ cm ]	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	
<b>Stati limite ultimi</b>						
Tensione $f_y$ [daN/cm <sup>2</sup> ]	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	
Fattore di ridistribuzione	0.0	0.0	0.0	0.0	0.0	
<b>Tensioni ammissibili</b>						
Tensione amm. cls [daN/cm <sup>2</sup> ]	85.00	85.00	85.00	85.00	85.00	
Tensione amm. acciaio [daN/cm <sup>2</sup> ]	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	
<b>Verifica freccia</b>						
Infinita	250.00	250.00	250.00	250.00	250.00	
Istantanea	500.00	500.00	500.00	500.00	500.00	
Fattore viscosità	3.00	3.00	3.00	3.00	3.00	
Usa J non fessurato	NO	NO	NO	NO	NO	
<b>Elementi non strutturali</b>						
Tamponatura antiespulsione	NO	NO	NO	NO	NO	
Tamponatura con armatura	NO	NO	NO	NO	NO	
Fattore di struttura/comportamento	2.00	2.00	2.00	2.00	2.00	
Coefficiente gamma m	0.0	0.0	0.0	0.0	0.0	
Periodo $T_a$	0.0	0.0	0.0	0.0	0.0	
Altezza pannello	0.0	0.0	0.0	0.0	0.0	

# EDIFICI ESISTENTI: INTERVENTI DI RINFORZO

## LEGENDA TABELLE INTERVENTI DI RINFORZO

Per le verifiche da condurre sugli elementi rinforzati il programma attinge le informazioni da archivi di rinforzi. Gli archivi utilizzati e la modalità di applicazione della specifica tecnica dipendono ovviamente dal tipo e materiale dell'elemento strutturale. In particolare nelle tabelle successive vengono dettagliati:

- I rinforzi **FRP** per c.a. (implementati come da: CNR-DT 200 "Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati"; Circolare 21/01/19 punto "C8.7.4.2.3 Placcatura e fasciatura in materiali compositi"; "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP")
- I rinforzi tipo **CAM** o angolari con calastrelli (implementati come da: Circolare 21/01/19 punto C8.7.2.2 "Incamiciatura in acciaio")
- I rinforzi **FRP** per murature (implementati come da: CNR-DT 200 "Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati"; "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP")
- I rinforzi **FRCM** per murature (implementati come da: CNR DT 215 "Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica")

Per i rinforzi FRP c.a. è adottata la seguente simbologia:

Titolo colonna	Descrizione	Nota
Id	Indice nell'archivio	
Sigla FRP per c.a.	Nome nell'archivio o riferimento al prodotto commerciale	
Spess.	Spessore del fibrorinforzo	Strati sovrapposti si modellano assegnando lo spessore totale
Mod. E	Modulo elastico del fibrorinforzo	Elastico lineare fino a rottura
eps r	Tensione caratteristica di rottura	
Direz.	Schema di disposizione delle fibre	Da uniassiale a quadriassiale
Applicaz.	Applicazione tipo A o B	Utilizzato in Tabella 2-1
Espos.	Interna, esterna, ambiente aggressivo	Utilizzato in Tabella 2-3
Fibra	Arammidica, vetro, carbonio, altro	Utilizzato in Tabella 2-3
L fasc.	Larghezza delle fasce	Definizione geometrica della fasciatura, se $L.fasc=P.fasc.$ o uno dei 2 è nullo, si ritiene applicata un ricoprimento completo
P fasc.	Passo delle fasce	Definizione geometrica della fasciatura, se $L.fasc=P.fasc.$ o uno dei 2 è nullo, si ritiene applicata un ricoprimento completo
R curv.	Raggio di curvatura utilizzato nell'arrotondamento degli spigoli	

Per i rinforzi CAM c.a. è adottata la seguente simbologia:

Titolo colonna	Descrizione	Nota
Id	Indice nell'archivio	
Sigla CAM	Nome nell'archivio o riferimento al prodotto commerciale	Utilizzato anche per incamiciatura in acciaio con profili generici.
Sez.	Angolare utilizzato	Nel caso il profilo non sia presente

		nell'archivio delle sezioni si riporta "altro"
A	Area dell'angolare	
L	Lato dell'angolare	
s L	Spessore dell'angolare	
f <sub>yk</sub>	Tensione caratteristica di snervamento angolare	
s cal.	Spessore dei nastri o calastrelli	
L cal.	Altezza dei nastri o calastrelli	
P cal.	Passo dei nastri o calastrelli	
M nas.	Numero dei nastri	Utilizzato nel caso in cui si utilizzino più nastri sovrapposti
f <sub>yk c</sub>	Tensione caratteristica di snervamento dei nastri o calastrelli	
f <sub>tk c</sub>	Tensione caratteristica di rottura dei nastri o calastrelli	
R curv.	Raggio di curvatura utilizzato nell'arrotondamento degli spigoli	

Per i rinforzi FRP muratura è adottata la seguente simbologia:

Titolo colonna	Descrizione	Nota
Id	Indice nell'archivio	
Sigla FRP per mur.	Nome nell'archivio o riferimento al prodotto commerciale	
Spess.	Spessore del fibrorinforzo	Strati sovrapposti si modellano sommando gli spessori
Mod. E	Modulo elastico del fibrorinforzo	Elastico lineare fino a rottura
eps r	Deformazione a rottura del rinforzo	Espressa in %
eps d	Deformazione di progetto del	Espressa in %. Se pari a 0 viene calcolata dal programma automaticamente
Applicaz.	Applicazione tipo A o B	Utilizzato in Tabella 2-1
Espos.	Interna, esterna, ambiente aggressivo	Utilizzato in Tabella 2-3
Fibra	Arammidica, vetro, carbonio, altro	Utilizzato in Tabella 2-3
L fasc. O	Larghezza delle fasce orizzontali	
P fasc. O	Passo delle fasce orizzontali	
L fasc. V	Larghezza delle fasce verticali	
P fasc. V	Passo delle fasce verticali	
A conc.	Area di rinforzo concentrato alle estremità del maschio murario	
Conf.	Fibrorinforzo adottato per conseguire un effetto di confinamento sulla muratura	Utilizzato per elementi Pilastro in muratura
R curv.	Raggio di curvatura utilizzato nell'arrotondamento degli spigoli	

Per i rinforzi FRCM muratura è adottata la seguente simbologia:

Titolo colonna	Descrizione	Nota
Id	Indice nell'archivio	
Sigla FRCM per mur.	Nome nell'archivio o riferimento al prodotto commerciale	
Spess.	Spessore del fibrorinforzo	Strati sovrapposti si modellano

		sommando gli spessori
Mod. E	Modulo elastico del fibrorinforzo	Elastico lineare fino a rottura
Sig u (comp.)	Tensione ultima del rinforzo	
eps u,f	Deformazione ultima del rinforzo	Espressa in %
eps lim,c	Deformazione di progetto	Espressa in %. Se pari a 0 viene calcolata dal programma automaticamente
Espos.	Interna, esterna, ambiente aggressivo	
Fibra	Arammidica, vetro, carbonio, altro	
L fasc. O	Larghezza delle fasce orizzontali	
P fasc. O	Passo delle fasce orizzontali	
L fasc. V	Larghezza delle fasce verticali	
P fasc. V	Passo delle fasce verticali	
Conf.	Fibrorinforzo adottato per conseguire un effetto di confinamento sulla muratura	Utilizzato per elementi Pilastro in muratura
fc,mat	Resistenza a compressione della matrice/malta	
t,mat	Spessore complessivo del rinforzo	
R curv.	Raggio di curvatura utilizzato nell'arrotondamento degli spigoli	

Per i materiali degli elementi in muratura consolidata, in relazione alla Tabella C8.5. Il "Coefficienti correttivi massimi dei parametri meccanici (indicati in Tabella C85.I) da applicarsi in presenza di: malta di caratteristiche buone o ottime; giunti sottili; ricorsi o listature; sistematiche connessioni trasversali; iniezione di miscele leganti; intonaco armato; ristillatura armata con connessione dei paramenti. Si riportano le informazioni atte a definire la tecnica di rinforzo adottata e gli eventuali incrementi in termini di rigidezza e resistenza conseguiti.

A seguire vengono dettagliati gli interventi per le strutture in c.a. con la seguente suddivisione tabellare :

- Nodi: con gli interventi applicati in ottemperanza ai punti C8.7.4.2.1 INCAMICIATURA IN C.A. ; C8.7.4.2.2 INCAMICIATURA IN ACCIAIO ; C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI
- Pilastr: con gli interventi applicati in ottemperanza ai punti C8.7.4.2.1 INCAMICIATURA IN C.A. ; C8.7.4.2.2 INCAMICIATURA IN ACCIAIO ; C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI
- Travi: con gli interventi applicati in ottemperanza ai punti C8.7.4.2.1 INCAMICIATURA IN C.A. ; C8.7.4.2.2 INCAMICIATURA IN ACCIAIO ; C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI ; interventi applicati secondo la tecnica del beton plaque

Titolo colonna	Descrizione	Nota
Pilas. I	Pilastro sottostante il nodo rinforzato	
Nodo	Numero del nodo rinforzato	
sez a-o	Sezione del pilastro sottostante ante-operam	
sez p-o	Sezione del pilastro sottostante post-operam	Il nodo viene verificato con la sezione del pilastro post-operam se il pilastro ha camicia con continuità flessionale. L'incremento di capacità si cumula a quello di eventuali altri rinforzi, ma per la verifica si considera il coeff. riduttivo 0.9
Diam.	Diametro della armatura orizzontale aggiuntiva nel nodo	L'armatura è riferita a una sola faccia
Passo	Passo dell'armatura orizzontale aggiuntiva nel nodo	
f <sub>yk</sub> arm.	Tensione caratteristica di snervamento dell'armatura orizzontale aggiuntiva nel nodo	
Spess.	Spessore della piastra di rinforzo applicata nel	La piastra è applicata a una sola faccia

	nodo	
fyk plt.	Tensione caratteristica di snervamento per la piastra di rinforzo applicata nel nodo	
rinforzo frp	Nome nell'archivio o riferimento al prodotto commerciale	Il rinforzo è applicato a una sola faccia

Titolo colonna	Descrizione	Nota
Pilas.	Pilastro di interesse	Gli interventi con tecnologie diverse sono esclusivi, per l'intervento con FRP è prevista la possibilità di attivare separatamente il rinforzo FRP V per taglio e duttilità (*) e quello FRP F per capacità flessionale (**). (*) incremento di duttilità considerato solo nelle verifiche con $q=1$ . (**) incremento di capacità considerato solo nelle verifiche con $q>1$
sez a-o	Sezione del pilastro ante-operam	
sez p-o	Sezione del pilastro post-operam	Differente se l'intervento consiste in C8.7.4.2.1 INCAMICIATURA IN C.A
Cont. fless.	Armature longitudinali o angolari opportunamente ancorati alla base e in sommità	Per la camicia in c.a. e acciaio è possibile considerare la continuità del rinforzo interpiano e in questo caso l'incremento di capacità flessionale
rinf. CAM	Nome nell'archivio o riferimento al prodotto commerciale	In applicazione del C8.7.4.2.2 INCAMICIATURA IN ACCIAIO
rinf. FRP V	Nome nell'archivio o riferimento al prodotto commerciale	In applicazione del C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI
rinf. FRP F	Nome nell'archivio o riferimento al prodotto commerciale	In applicazione del C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI
li V, lc V, lf V	Suddivisione in tre tratti per l'applicazione dei rinforzi CAM o FRP V (per taglio)	Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza
li F, lc F, lf F	Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F (per flessione)	Come sopra

Titolo colonna	Descrizione	Nota
Trave	Trave di interesse	
sez a-o	Sezione della trave ante-operam	
sez p-o	Sezione della trave post-operam	Differente se l'intervento consiste in C8A.7.1 INCAMICIATURA IN C.A
Cont. fless.	Armature longitudinali o angolari opportunamente ancorati alle estremità	Per la camicia in c.a. e acciaio è possibile considerare la continuità del rinforzo e in questo caso l'incremento di capacità flessionale
rinf. CAM	Nome nell'archivio o riferimento al prodotto commerciale	In applicazione del C8.7.4.2.2 INCAMICIATURA IN ACCIAIO
li V, lc V, lf V	Suddivisione in tre tratti per	Assegnato uno o più tratti i restanti vengono definiti per

	l'applicazione dei rinforzi CAM	differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza
--	---------------------------------	--

Titolo colonna	Descrizione	Nota
Trave	Trave di interesse	Per l'intervento con FRP è prevista la possibilità di attivare separatamente il rinforzo FRP V per taglio e duttilità (*) e quello FRP F per capacità flessionale (**). (*) incremento di duttilità considerato solo nelle verifiche con $q=1$ . (**) incremento di capacità considerato solo nelle verifiche con $q>1$
rinf. FRP V	Nome nell'archivio o riferimento al prodotto commerciale	In applicazione del C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI
rinf. FRP F	Nome nell'archivio o riferimento al prodotto commerciale	In applicazione del C8.7.4.2.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI
li V, lc V, lf V	Suddivisione in tre tratti per l'applicazione del rinforzo FRP V	Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza
B sup	Larghezza di applicazione del rinforzo FRP F superiore	
li F, lc F, lf F	Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F superiore	Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza
B inf	Larghezza di applicazione del rinforzo FRP F inferiore	
li F, lc F, lf F	Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F inferiore	Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza

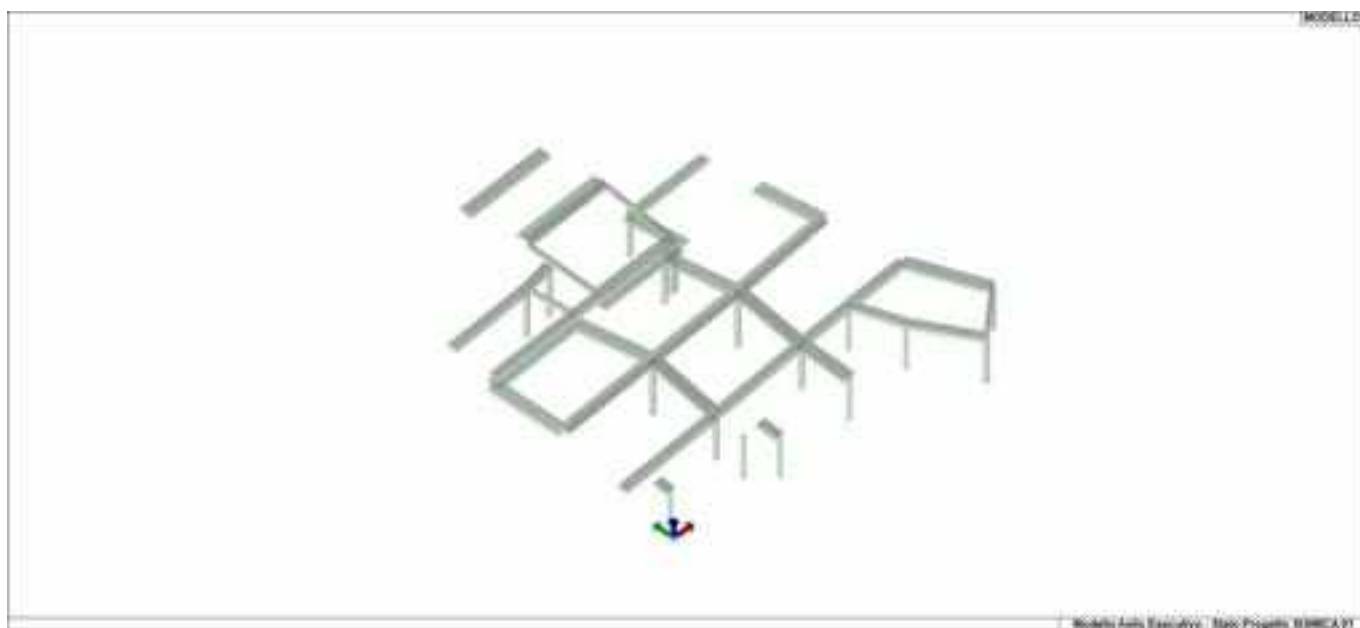
Titolo colonna	Descrizione	Nota
Trave	Trave di interesse	Per l'intervento con BETON PLAQUE è prevista la possibilità di attivare separatamente il rinforzo per taglio da quello per flessione(*). (*)incremento di capacità considerato solo nelle verifiche con $q\#1$
f <sub>yk</sub> plt	Tensione caratteristica di snervamento per le piastre di rinforzo	
Spess.	Spessore del rinforzo applicato per il taglio	Il rinforzo si considera adeguatamente ancorato sui due lati dell'anima della trave
li V, lc V, lf V	Suddivisione in tre tratti per l'applicazione del rinforzo a taglio	Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza
A sup	Area complessiva della piastra applicata all'estradosso	
li F, lc F, lf F	Suddivisione in tre tratti per l'applicazione del rinforzo superiore	Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza
A inf	Area complessiva della piastra applicata	

	all'intradosso	
li F, lc F, lf F	Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F inferiore	Assegnato uno o più tratti i restanti vengono definiti per differenza. Se tutti i valori sono nulli (non riportati) si intende applicato per l'intera lunghezza

#### C8A (APPENDICE AL CAPITOLO C8) - MATERIALI DI RINFORZO UTILIZZATI

#### TRAVI: BETON PLAQUE

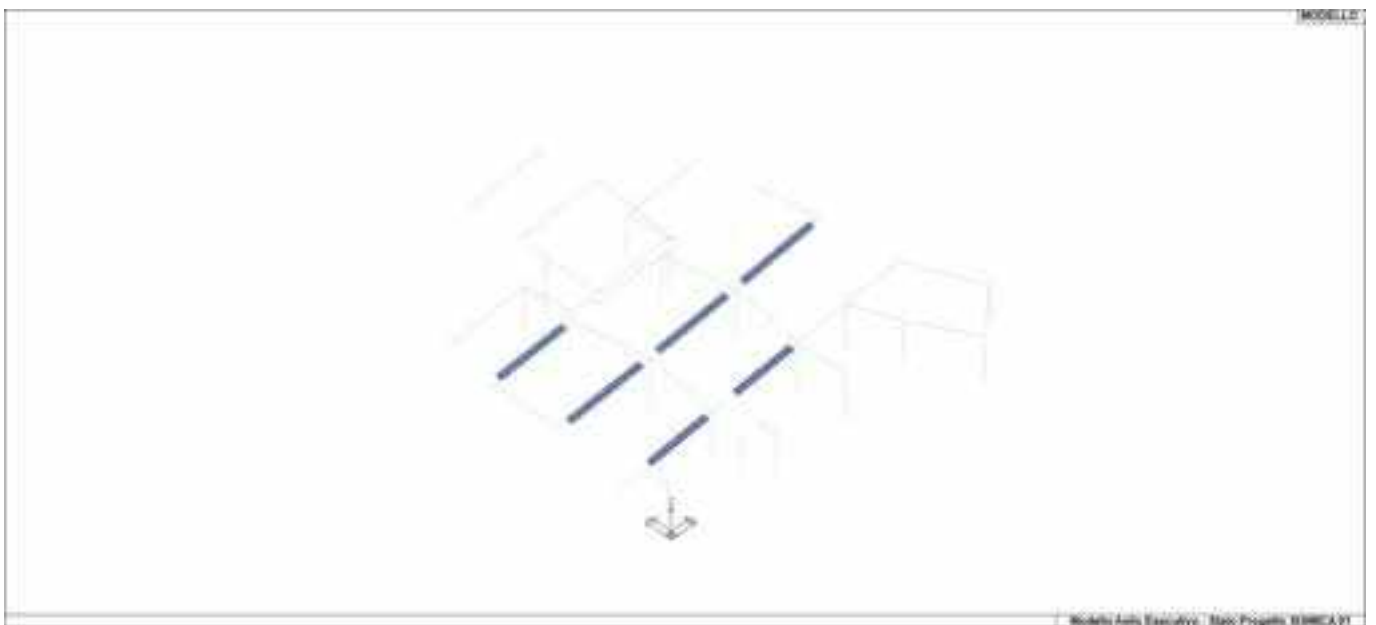
Trave	f <sub>yk</sub> plt.	Spess.	li V	lc V	lf V	A sup	li F	lc F	lf F	A inf	li F	lc F	lf F
	N/mm <sup>2</sup>	mm	cm	cm	cm	cm <sup>2</sup>	cm	cm	cm	cm <sup>2</sup>	cm	cm	cm
32	275.00	6.00				48.00	40.00	0.0	40.00	36.00			
33	275.00	6.00				48.00	40.00	0.0	40.00	36.00			
34	275.00	6.00				48.00	40.00	0.0	40.00	36.00			
61	275.00	6.00				48.00	40.00	0.0	40.00	36.00			
67	275.00	6.00				48.00	40.00	0.0	40.00	36.00			
82	275.00	6.00				48.00	40.00	0.0	40.00	36.00			



12\_MOD\_RINFORZI\_D2\_AO



12\_MOD\_RINFORZI\_D2\_FILO\_AO



12\_MOD\_RINFORZI\_D2\_FILO\_PO



12\_MOD\_RINFORZI\_D2\_PO

# MODELLAZIONE DELLE SEZIONI

## LEGENDA TABELLA DATI SEZIONI

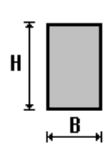
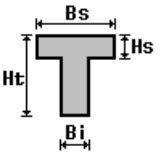
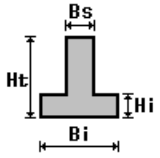
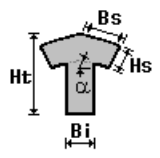
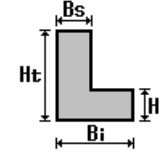
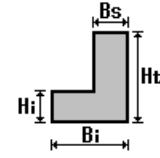
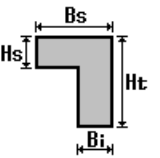
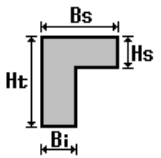
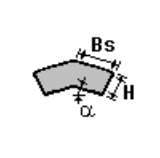
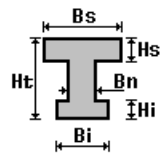
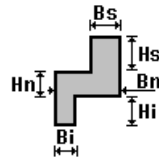
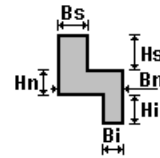
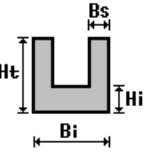
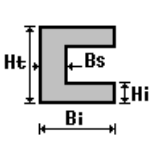
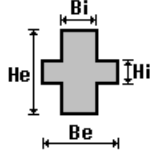
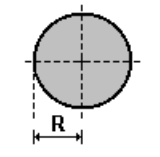
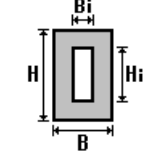
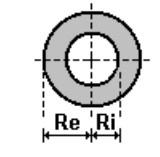
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

4. sezione di tipo generico
5. profilati semplici
6. profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

<b>Area</b>	area della sezione
<b>A V2</b>	area della sezione/fattore di taglio (per il taglio in direzione 2)
<b>A V3</b>	area della sezione/fattore di taglio (per il taglio in direzione 3)
<b>Jt</b>	fattore torsionale di rigidezza
<b>J2-2</b>	momento d'inerzia della sezione riferito all'asse 2
<b>J3-3</b>	momento d'inerzia della sezione riferito all'asse 3
<b>W2-2</b>	modulo di resistenza della sezione riferito all'asse 2
<b>W3-3</b>	modulo di resistenza della sezione riferito all'asse 3
<b>Wp2-2</b>	modulo di resistenza plastico della sezione riferito all'asse 2
<b>Wp3-3</b>	modulo di resistenza plastico della sezione riferito all'asse 3

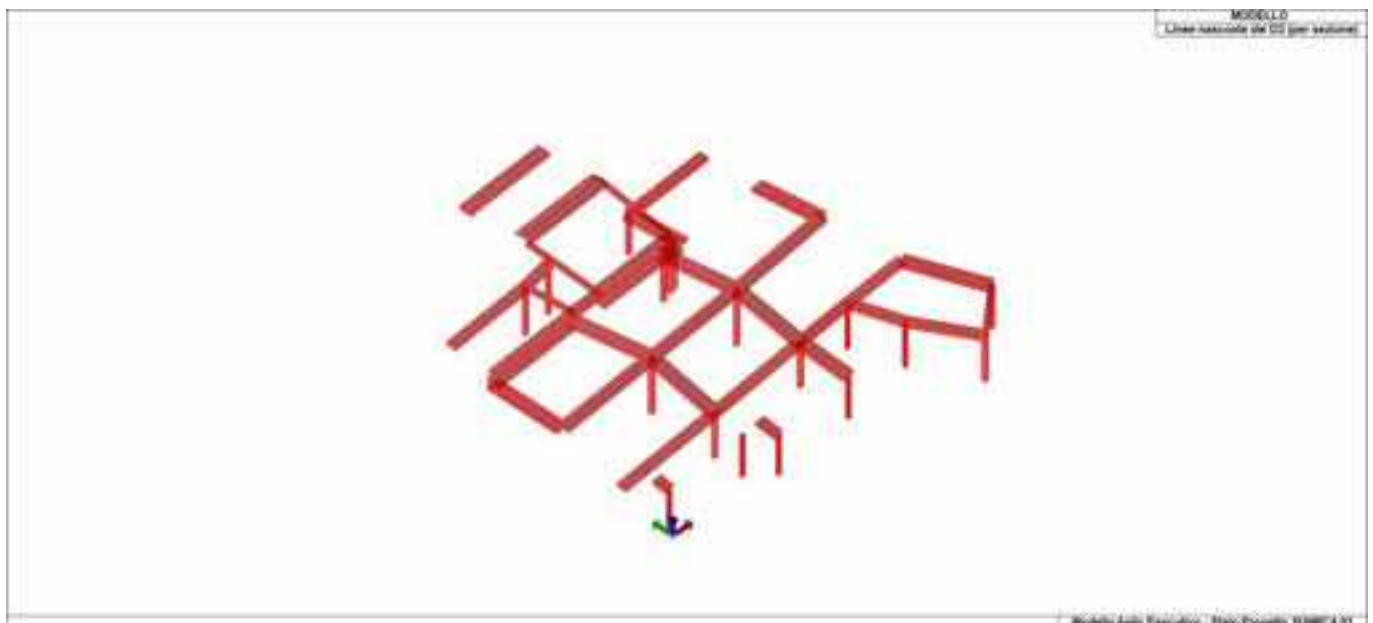
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.

 rettangolare	 a T	 a T rovescia	 a T di colmo	 a L	 a L specchiata
 a L specchiata rovescia	 a L rovescia	 a L di colmo	 a doppio T	 a quattro specchiata	 a quattro
 a U	 a C	 a croce	 circolare	 rettangolare cava	 circolare cava

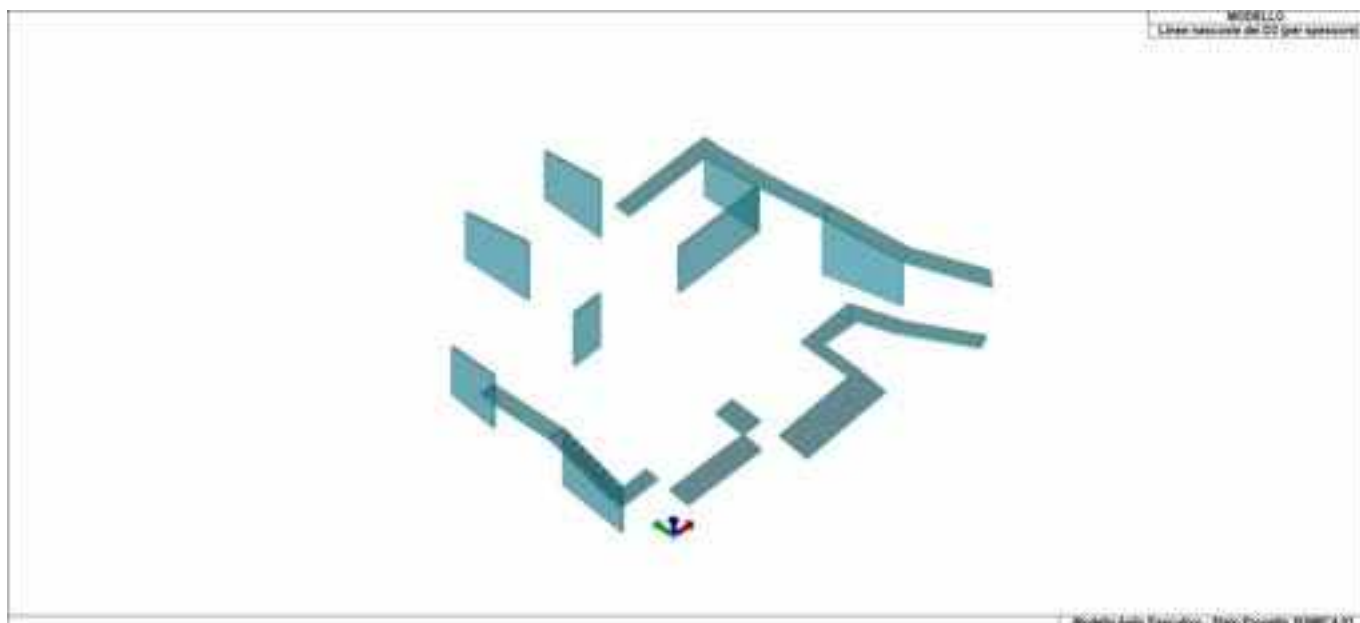
Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilati.

Per quanto concerne le sezioni di tipo generico (tipo 1.):  
i valori dimensionali con prefisso B sono riferiti all'asse 2  
i valori dimensionali con prefisso H sono riferiti all'asse 3

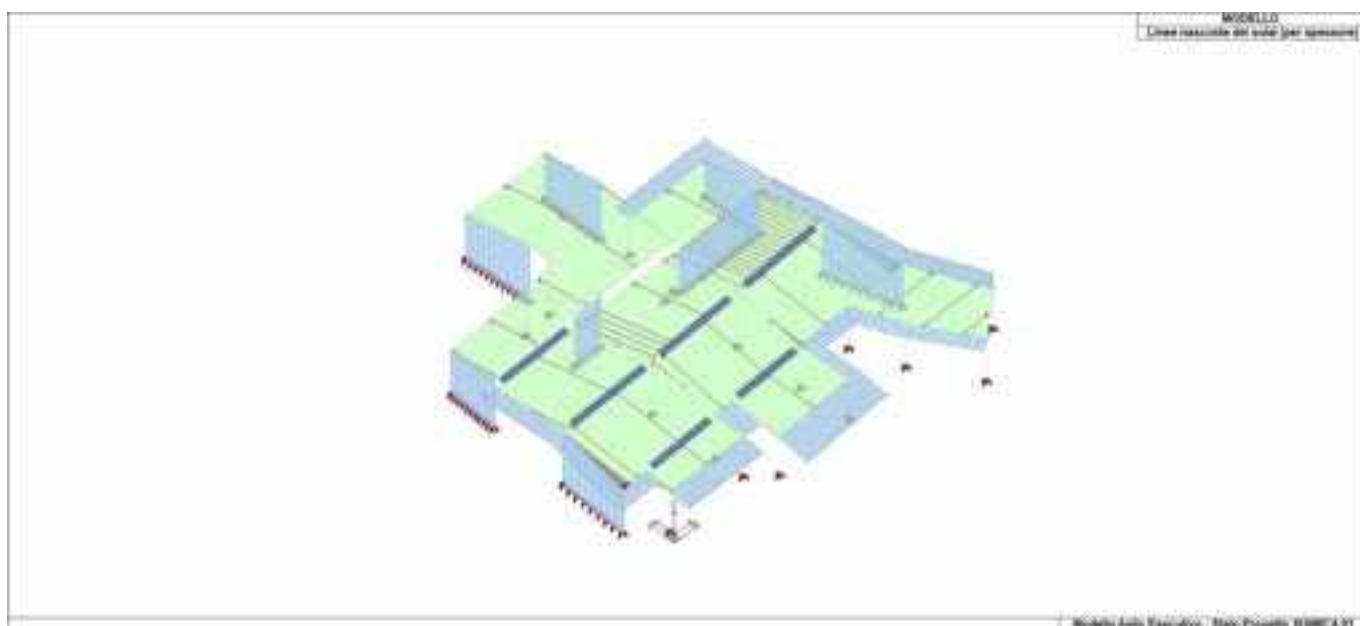
Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	Pilastro 25x25 - Rettangolare: b=25 h=25	625.00	520.83	520.83	5.491e+04	3.255e+04	3.255e+04	2604.17	2604.17	3906.25	3906.25
2	Pilastro 60x30 - Rettangolare: b=30 h=60	1800.00	1500.00	1500.00	3.699e+05	1.350e+05	5.400e+05	9000.00	1.800e+04	1.350e+04	2.700e+04
5	Colonna D 25 cm - Circolare: r=12.5	490.87	414.17	414.17	3.835e+04	1.917e+04	1.917e+04	1533.98	1533.98	2604.16	2604.16
6	Trave di colmo - L angolata: bs=40 hs=25 alfa=15	1832.53	0.0	0.0	3.204e+05	7.720e+05	1.091e+05	1.998e+04	6308.14	3.253e+04	1.199e+04
7	Trave 80x25 - Rettangolare: b=80 h=25	2000.00	1666.67	1666.67	3.346e+05	1.067e+06	1.042e+05	2.667e+04	8333.33	4.000e+04	1.250e+04
8	Trave 60x25 - Rettangolare: b=60 h=25	1500.00	1250.00	1250.00	2.305e+05	4.500e+05	7.812e+04	1.500e+04	6250.00	2.250e+04	9375.00
9	Trave 30x25 - Rettangolare: b=30 h=25	750.00	625.00	625.00	7.787e+04	5.625e+04	3.906e+04	3750.00	3125.00	5625.00	4687.50
13	Trave di colmo nuova sezione - L angolata: bs=55 hs=25 alfa=15	2582.53	0.0	0.0	4.714e+05	2.152e+06	1.731e+05	4.050e+04	8943.65	6.451e+04	1.768e+04
14	Trave 25x24 - Rettangolare: b=25 h=24	600.00	500.00	500.00	5.042e+04	3.125e+04	2.880e+04	2500.00	2400.00	3750.00	3600.00



13\_MOD\_SEZIONI



13\_MOD\_SPESSORI\_D3



13\_MOD\_SPESSORI\_D5

# MODELLAZIONE STRUTTURA: NODI

## LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.

Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).

Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

<b>Nodo</b>	numero del nodo.
<b>X</b>	valore della coordinata X
<b>Y</b>	valore della coordinata Y
<b>Z</b>	valore della coordinata Z

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

<b>Nodo</b>	numero del nodo.
<b>X</b>	valore della coordinata X
<b>Y</b>	valore della coordinata Y
<b>Z</b>	valore della coordinata Z
<b>Note</b>	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero).
<b>Note</b>	(FS = 1, 2,...) eventuale codice del tipo di fondazione speciale (1, 2,... fanno riferimento alle tipologie: plinto, palo, plinto su pali,...) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo
<b>Rig. TX</b>	valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ).

Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 17/01/18

## TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
2	670.3	2179.8	340.0	4	1269.7	2204.3	340.0	6	686.7	1780.6	410.0
8	1271.3	1804.2	410.0	10	1262.5	1268.4	380.0	13	708.4	1246.0	380.0
15	518.6	1238.1	380.0	16	694.1	1596.8	399.7	17	-95.3	1210.5	380.0
18	-72.4	1537.8	340.0	20	505.0	1573.8	340.0	22	-133.2	668.3	400.0
24	557.8	709.7	400.0	26	1215.9	750.1	400.0	28	1891.5	810.6	400.0
30	-95.3	1210.5	314.7	31	518.6	1238.1	314.7	32	694.1	1596.8	356.0
33	16.0	218.2	320.0	36	1873.7	1259.6	325.0	38	1865.7	1637.3	280.0
40	-165.4	206.5	320.0	42	560.2	253.3	320.0	44	1234.2	305.8	320.0
46	2017.6	355.1	320.0	48	15.3	41.0	300.0	50	563.2	56.9	300.0
52	1247.8	-29.3	300.0	54	705.9	-64.9	280.0	56	1603.8	332.1	320.0
58	1719.8	27.4	320.0	60	1938.7	-334.6	320.0	62	2231.4	-87.6	300.0
64	1176.9	1244.0	325.0	66	1309.9	1236.3	325.0	67	686.6	263.2	320.0
69	1291.0	1611.3	280.0	70	1873.7	1259.6	284.4	71	1872.9	1297.4	280.4
72	1872.9	1297.4	320.5	73	1873.7	1259.6	243.8	74	1872.9	1297.4	240.4
75	1873.7	1259.6	203.1	76	1872.9	1297.4	200.3	77	1873.7	1259.6	162.5
78	1872.9	1297.4	160.2	79	1873.7	1259.6	121.9	80	1872.9	1297.4	120.2
81	1873.7	1259.6	81.2	82	1872.9	1297.4	80.1	83	1873.7	1259.6	40.6
84	1872.9	1297.4	40.1	86	1872.1	1335.2	276.5	87	1872.1	1335.2	316.0
88	1872.1	1335.2	237.0	89	1872.1	1335.2	197.5	90	1872.1	1335.2	158.0

91	1872.1	1335.2	118.5	92	1872.1	1335.2	79.0	93	1872.1	1335.2	39.5
95	1871.3	1372.9	272.6	96	1871.3	1372.9	311.5	97	1871.3	1372.9	233.6
98	1871.3	1372.9	194.7	99	1871.3	1372.9	155.8	100	1871.3	1372.9	116.8
101	1871.3	1372.9	77.9	102	1871.3	1372.9	38.9	104	1870.5	1410.7	268.6
105	1870.5	1410.7	307.0	106	1870.5	1410.7	230.2	107	1870.5	1410.7	191.9
108	1870.5	1410.7	153.5	109	1870.5	1410.7	115.1	110	1870.5	1410.7	76.8
111	1870.5	1410.7	38.4	113	1869.7	1448.5	264.7	114	1869.7	1448.5	302.5
115	1869.7	1448.5	226.9	116	1869.7	1448.5	189.1	117	1869.7	1448.5	151.2
118	1869.7	1448.5	113.4	119	1869.7	1448.5	75.6	120	1869.7	1448.5	37.8
122	1868.9	1486.2	260.8	123	1868.9	1486.2	298.0	124	1868.9	1486.2	223.5
125	1868.9	1486.2	186.2	126	1868.9	1486.2	149.0	127	1868.9	1486.2	111.8
128	1868.9	1486.2	74.5	129	1868.9	1486.2	37.2	131	1868.1	1524.0	256.8
132	1868.1	1524.0	293.5	133	1868.1	1524.0	220.1	134	1868.1	1524.0	183.4
135	1868.1	1524.0	146.8	136	1868.1	1524.0	110.1	137	1868.1	1524.0	73.4
138	1868.1	1524.0	36.7	140	1867.3	1561.7	252.9	141	1867.3	1561.7	289.0
142	1867.3	1561.7	216.8	143	1867.3	1561.7	180.6	144	1867.3	1561.7	144.5
145	1867.3	1561.7	108.4	146	1867.3	1561.7	72.2	147	1867.3	1561.7	36.1
149	1866.5	1599.5	248.9	150	1866.5	1599.5	284.5	151	1866.5	1599.5	213.4
152	1866.5	1599.5	177.8	153	1866.5	1599.5	142.2	154	1866.5	1599.5	106.7
155	1866.5	1599.5	71.1	156	1866.5	1599.5	35.6	158	1865.7	1637.3	245.0
159	1865.7	1637.3	210.0	160	1865.7	1637.3	175.0	161	1865.7	1637.3	140.0
162	1865.7	1637.3	105.0	163	1865.7	1637.3	70.0	164	1865.7	1637.3	35.0
165	1271.3	1804.2	358.8	166	1271.1	1844.2	352.6	167	1271.1	1844.2	403.0
168	1271.3	1804.2	307.5	169	1271.1	1844.2	302.2	170	1271.3	1804.2	256.2
171	1271.1	1844.2	251.9	172	1271.3	1804.2	205.0	173	1271.1	1844.2	201.5
174	1271.3	1804.2	153.8	175	1271.1	1844.2	151.1	176	1271.3	1804.2	102.5
177	1271.1	1844.2	100.8	178	1271.3	1804.2	51.2	179	1271.1	1844.2	50.4
181	1271.0	1884.2	346.5	182	1271.0	1884.2	396.0	183	1271.0	1884.2	297.0
184	1271.0	1884.2	247.5	185	1271.0	1884.2	198.0	186	1271.0	1884.2	148.5
187	1271.0	1884.2	99.0	188	1271.0	1884.2	49.5	190	1270.8	1924.2	340.4
191	1270.8	1924.2	389.0	192	1270.8	1924.2	291.8	193	1270.8	1924.2	243.1
194	1270.8	1924.2	194.5	195	1270.8	1924.2	145.9	196	1270.8	1924.2	97.2
197	1270.8	1924.2	48.6	199	1270.7	1964.3	334.2	200	1270.7	1964.3	382.0
201	1270.7	1964.3	286.5	202	1270.7	1964.3	238.8	203	1270.7	1964.3	191.0
204	1270.7	1964.3	143.2	205	1270.7	1964.3	95.5	206	1270.7	1964.3	47.8
208	1270.5	2004.3	328.1	209	1270.5	2004.3	375.0	210	1270.5	2004.3	281.2
211	1270.5	2004.3	234.4	212	1270.5	2004.3	187.5	213	1270.5	2004.3	140.6
214	1270.5	2004.3	93.8	215	1270.5	2004.3	46.9	217	1270.3	2044.3	322.0
218	1270.3	2044.3	368.0	219	1270.3	2044.3	276.0	220	1270.3	2044.3	230.0
221	1270.3	2044.3	184.0	222	1270.3	2044.3	138.0	223	1270.3	2044.3	92.0
224	1270.3	2044.3	46.0	226	1270.2	2084.3	315.9	227	1270.2	2084.3	361.0
228	1270.2	2084.3	270.8	229	1270.2	2084.3	225.6	230	1270.2	2084.3	180.5
231	1270.2	2084.3	135.4	232	1270.2	2084.3	90.2	233	1270.2	2084.3	45.1
235	1270.0	2124.3	309.8	236	1270.0	2124.3	354.0	237	1270.0	2124.3	265.5
238	1270.0	2124.3	221.2	239	1270.0	2124.3	177.0	240	1270.0	2124.3	132.8
241	1270.0	2124.3	88.5	242	1270.0	2124.3	44.2	244	1269.9	2164.3	303.6
245	1269.9	2164.3	347.0	246	1269.9	2164.3	260.2	247	1269.9	2164.3	216.9
248	1269.9	2164.3	173.5	249	1269.9	2164.3	130.1	250	1269.9	2164.3	86.8
251	1269.9	2164.3	43.4	253	1269.7	2204.3	297.5	254	1269.7	2204.3	255.0
255	1269.7	2204.3	212.5	256	1269.7	2204.3	170.0	257	1269.7	2204.3	127.5
258	1269.7	2204.3	85.0	259	1269.7	2204.3	42.5	260	686.7	1780.6	358.8
261	685.0	1820.5	352.6	262	685.0	1820.5	403.0	263	686.7	1780.6	307.5
264	685.0	1820.5	302.2	265	686.7	1780.6	256.2	266	685.0	1820.5	251.9
267	686.7	1780.6	205.0	268	685.0	1820.5	201.5	269	686.7	1780.6	153.8
270	685.0	1820.5	151.1	271	686.7	1780.6	102.5	272	685.0	1820.5	100.8
273	686.7	1780.6	51.2	274	685.0	1820.5	50.4	276	683.4	1860.4	346.5
277	683.4	1860.4	396.0	278	683.4	1860.4	297.0	279	683.4	1860.4	247.5
280	683.4	1860.4	198.0	281	683.4	1860.4	148.5	282	683.4	1860.4	99.0
283	683.4	1860.4	49.5	285	681.7	1900.3	340.4	286	681.7	1900.3	389.0
287	681.7	1900.3	291.8	288	681.7	1900.3	243.1	289	681.7	1900.3	194.5
290	681.7	1900.3	145.9	291	681.7	1900.3	97.2	292	681.7	1900.3	48.6
294	680.1	1940.3	334.2	295	680.1	1940.3	382.0	296	680.1	1940.3	286.5
297	680.1	1940.3	238.8	298	680.1	1940.3	191.0	299	680.1	1940.3	143.2
300	680.1	1940.3	95.5	301	680.1	1940.3	47.8	303	678.5	1980.2	328.1
304	678.5	1980.2	375.0	305	678.5	1980.2	281.2	306	678.5	1980.2	234.4
307	678.5	1980.2	187.5	308	678.5	1980.2	140.6	309	678.5	1980.2	93.8
310	678.5	1980.2	46.9	312	676.8	2020.1	322.0	313	676.8	2020.1	368.0
314	676.8	2020.1	276.0	315	676.8	2020.1	230.0	316	676.8	2020.1	184.0
317	676.8	2020.1	138.0	318	676.8	2020.1	92.0	319	676.8	2020.1	46.0
321	675.2	2060.0	315.9	322	675.2	2060.0	361.0	323	675.2	2060.0	270.8
324	675.2	2060.0	225.6	325	675.2	2060.0	180.5	326	675.2	2060.0	135.4
327	675.2	2060.0	90.2	328	675.2	2060.0	45.1	330	673.5	2100.0	309.8
331	673.5	2100.0	354.0	332	673.5	2100.0	265.5	333	673.5	2100.0	221.2
334	673.5	2100.0	177.0	335	673.5	2100.0	132.8	336	673.5	2100.0	88.5
337	673.5	2100.0	44.2	339	671.9	2139.9	303.6	340	671.9	2139.9	347.0
341	671.9	2139.9	260.2	342	671.9	2139.9	216.9	343	671.9	2139.9	173.5
344	671.9	2139.9	130.1	345	671.9	2139.9	86.8	346	671.9	2139.9	43.4

348	670.3	2179.8	297.5	349	670.3	2179.8	255.0	350	670.3	2179.8	212.5
351	670.3	2179.8	170.0	352	670.3	2179.8	127.5	353	670.3	2179.8	85.0
354	670.3	2179.8	42.5	355	-72.4	1537.8	314.7	356	-72.4	1537.8	275.4
357	-74.7	1505.1	275.4	358	-74.7	1505.1	314.7	359	-72.4	1537.8	236.0
360	-74.7	1505.1	236.0	361	-72.4	1537.8	196.7	362	-74.7	1505.1	196.7
363	-72.4	1537.8	157.3	364	-74.7	1505.1	157.3	365	-72.4	1537.8	118.0
366	-74.7	1505.1	118.0	367	-72.4	1537.8	78.7	368	-74.7	1505.1	78.7
369	-72.4	1537.8	39.3	370	-74.7	1505.1	39.3	372	-76.9	1472.3	275.4
373	-76.9	1472.3	314.7	374	-76.9	1472.3	236.0	375	-76.9	1472.3	196.7
376	-76.9	1472.3	157.3	377	-76.9	1472.3	118.0	378	-76.9	1472.3	78.7
379	-76.9	1472.3	39.3	381	-79.2	1439.6	275.4	382	-79.2	1439.6	314.7
383	-79.2	1439.6	236.0	384	-79.2	1439.6	196.7	385	-79.2	1439.6	157.3
386	-79.2	1439.6	118.0	387	-79.2	1439.6	78.7	388	-79.2	1439.6	39.3
390	-81.5	1406.9	275.4	391	-81.5	1406.9	314.7	392	-81.5	1406.9	236.0
393	-81.5	1406.9	196.7	394	-81.5	1406.9	157.3	395	-81.5	1406.9	118.0
396	-81.5	1406.9	78.7	397	-81.5	1406.9	39.3	399	-83.8	1374.2	275.4
400	-83.8	1374.2	314.7	401	-83.8	1374.2	236.0	402	-83.8	1374.2	196.7
403	-83.8	1374.2	157.3	404	-83.8	1374.2	118.0	405	-83.8	1374.2	78.7
406	-83.8	1374.2	39.3	408	-86.1	1341.4	275.4	409	-86.1	1341.4	314.7
410	-86.1	1341.4	236.0	411	-86.1	1341.4	196.7	412	-86.1	1341.4	157.3
413	-86.1	1341.4	118.0	414	-86.1	1341.4	78.7	415	-86.1	1341.4	39.3
417	-88.4	1308.7	275.4	418	-88.4	1308.7	314.7	419	-88.4	1308.7	236.0
420	-88.4	1308.7	196.7	421	-88.4	1308.7	157.3	422	-88.4	1308.7	118.0
423	-88.4	1308.7	78.7	424	-88.4	1308.7	39.3	426	-90.7	1276.0	275.4
427	-90.7	1276.0	314.7	428	-90.7	1276.0	236.0	429	-90.7	1276.0	196.7
430	-90.7	1276.0	157.3	431	-90.7	1276.0	118.0	432	-90.7	1276.0	78.7
433	-90.7	1276.0	39.3	435	-93.0	1243.2	275.4	436	-93.0	1243.2	314.7
437	-93.0	1243.2	236.0	438	-93.0	1243.2	196.7	439	-93.0	1243.2	157.3
440	-93.0	1243.2	118.0	441	-93.0	1243.2	78.7	442	-93.0	1243.2	39.3
444	-95.3	1210.5	275.4	445	-95.3	1210.5	236.0	446	-95.3	1210.5	196.7
447	-95.3	1210.5	157.3	448	-95.3	1210.5	118.0	449	-95.3	1210.5	78.7
450	-95.3	1210.5	39.3	451	-72.4	1537.8	327.3	452	-95.3	1210.5	347.3
453	-74.7	1505.1	329.3	454	-76.9	1472.3	331.3	455	-79.2	1439.6	333.3
456	-81.5	1406.9	335.3	457	-83.8	1374.2	337.3	458	-86.1	1341.4	339.3
459	-88.4	1308.7	341.3	460	-90.7	1276.0	343.3	461	-93.0	1243.2	345.3
462	-74.7	1505.1	344.0	463	-76.9	1472.3	348.0	464	-79.2	1439.6	352.0
465	-81.5	1406.9	356.0	466	-83.8	1374.2	360.0	467	-86.1	1341.4	364.0
468	-88.4	1308.7	368.0	469	-90.7	1276.0	372.0	470	-93.0	1243.2	376.0
471	518.6	1238.1	342.0	472	708.4	1246.0	152.0	473	566.1	1240.0	380.0
474	518.6	1238.1	304.0	475	613.5	1242.0	380.0	476	518.6	1238.1	266.0
477	708.4	1246.0	114.0	478	518.6	1238.1	228.0	479	708.4	1246.0	76.0
480	518.6	1238.1	190.0	481	708.4	1246.0	38.0	482	518.6	1238.1	152.0
483	708.4	1246.0	342.0	484	518.6	1238.1	114.0	485	708.4	1246.0	228.0
486	518.6	1238.1	76.0	487	661.0	1244.0	380.0	488	518.6	1238.1	38.0
489	708.4	1246.0	266.0	490	708.4	1246.0	304.0	491	708.4	1246.0	190.0
493	-137.2	610.6	39.0	494	-133.2	668.3	40.0	496	-141.2	552.8	38.0
498	-145.3	495.1	37.0	500	-149.3	437.4	36.0	502	-153.3	379.7	35.0
504	-157.4	322.0	34.0	506	-161.4	264.3	33.0	507	-165.4	206.5	32.0
508	-137.2	610.6	78.0	509	-133.2	668.3	80.0	510	-141.2	552.8	76.0
511	-145.3	495.1	74.0	512	-149.3	437.4	72.0	513	-153.3	379.7	70.0
514	-157.4	322.0	68.0	515	-161.4	264.3	66.0	516	-165.4	206.5	64.0
517	-137.2	610.6	117.0	518	-133.2	668.3	120.0	519	-141.2	552.8	114.0
520	-145.3	495.1	111.0	521	-149.3	437.4	108.0	522	-153.3	379.7	105.0
523	-157.4	322.0	102.0	524	-161.4	264.3	99.0	525	-165.4	206.5	96.0
526	-137.2	610.6	156.0	527	-133.2	668.3	160.0	528	-141.2	552.8	152.0
529	-145.3	495.1	148.0	530	-149.3	437.4	144.0	531	-153.3	379.7	140.0
532	-157.4	322.0	136.0	533	-161.4	264.3	132.0	534	-165.4	206.5	128.0
535	-137.2	610.6	195.0	536	-133.2	668.3	200.0	537	-141.2	552.8	190.0
538	-145.3	495.1	185.0	539	-149.3	437.4	180.0	540	-153.3	379.7	175.0
541	-157.4	322.0	170.0	542	-161.4	264.3	165.0	543	-165.4	206.5	160.0
544	-137.2	610.6	234.0	545	-133.2	668.3	240.0	546	-141.2	552.8	228.0
547	-145.3	495.1	222.0	548	-149.3	437.4	216.0	549	-153.3	379.7	210.0
550	-157.4	322.0	204.0	551	-161.4	264.3	198.0	552	-165.4	206.5	192.0
553	-137.2	610.6	273.0	554	-133.2	668.3	280.0	555	-141.2	552.8	266.0
556	-145.3	495.1	259.0	557	-149.3	437.4	252.0	558	-153.3	379.7	245.0
559	-157.4	322.0	238.0	560	-161.4	264.3	231.0	561	-165.4	206.5	224.0
562	-137.2	610.6	312.0	563	-133.2	668.3	320.0	564	-141.2	552.8	304.0
565	-145.3	495.1	296.0	566	-149.3	437.4	288.0	567	-153.3	379.7	280.0
568	-157.4	322.0	272.0	569	-161.4	264.3	264.0	570	-165.4	206.5	256.0
571	-137.2	610.6	351.0	572	-133.2	668.3	360.0	573	-141.2	552.8	342.0
574	-145.3	495.1	333.0	575	-149.3	437.4	324.0	576	-153.3	379.7	315.0
577	-157.4	322.0	306.0	578	-161.4	264.3	297.0	579	-165.4	206.5	288.0
580	-137.2	610.6	390.0	581	-141.2	552.8	380.0	582	-145.3	495.1	370.0
583	-149.3	437.4	360.0	584	-153.3	379.7	350.0	585	-157.4	322.0	340.0
586	-161.4	264.3	330.0	587	2017.6	355.1	280.0	588	2005.0	400.6	287.0
589	2005.0	400.6	328.0	590	2017.6	355.1	240.0	591	2005.0	400.6	246.0
592	2017.6	355.1	200.0	593	2005.0	400.6	205.0	594	2017.6	355.1	160.0

595	2005.0	400.6	164.0	596	2017.6	355.1	120.0	597	2005.0	400.6	123.0
598	2017.6	355.1	80.0	599	2005.0	400.6	82.0	600	2017.6	355.1	40.0
601	2005.0	400.6	41.0	603	1992.4	446.2	294.0	604	1992.4	446.2	336.0
605	1992.4	446.2	252.0	606	1992.4	446.2	210.0	607	1992.4	446.2	168.0
608	1992.4	446.2	126.0	609	1992.4	446.2	84.0	610	1992.4	446.2	42.0
612	1979.8	491.7	301.0	613	1979.8	491.7	344.0	614	1979.8	491.7	258.0
615	1979.8	491.7	215.0	616	1979.8	491.7	172.0	617	1979.8	491.7	129.0
618	1979.8	491.7	86.0	619	1979.8	491.7	43.0	621	1967.2	537.3	308.0
622	1967.2	537.3	352.0	623	1967.2	537.3	264.0	624	1967.2	537.3	220.0
625	1967.2	537.3	176.0	626	1967.2	537.3	132.0	627	1967.2	537.3	88.0
628	1967.2	537.3	44.0	630	1954.5	582.8	315.0	631	1954.5	582.8	360.0
632	1954.5	582.8	270.0	633	1954.5	582.8	225.0	634	1954.5	582.8	180.0
635	1954.5	582.8	135.0	636	1954.5	582.8	90.0	637	1954.5	582.8	45.0
639	1941.9	628.4	322.0	640	1941.9	628.4	368.0	641	1941.9	628.4	276.0
642	1941.9	628.4	230.0	643	1941.9	628.4	184.0	644	1941.9	628.4	138.0
645	1941.9	628.4	92.0	646	1941.9	628.4	46.0	648	1929.3	673.9	329.0
649	1929.3	673.9	376.0	650	1929.3	673.9	282.0	651	1929.3	673.9	235.0
652	1929.3	673.9	188.0	653	1929.3	673.9	141.0	654	1929.3	673.9	94.0
655	1929.3	673.9	47.0	657	1916.7	719.5	336.0	658	1916.7	719.5	384.0
659	1916.7	719.5	288.0	660	1916.7	719.5	240.0	661	1916.7	719.5	192.0
662	1916.7	719.5	144.0	663	1916.7	719.5	96.0	664	1916.7	719.5	48.0
666	1904.1	765.0	343.0	667	1904.1	765.0	392.0	668	1904.1	765.0	294.0
669	1904.1	765.0	245.0	670	1904.1	765.0	196.0	671	1904.1	765.0	147.0
672	1904.1	765.0	98.0	673	1904.1	765.0	49.0	675	1891.5	810.6	350.0
676	1891.5	810.6	300.0	677	1891.5	810.6	250.0	678	1891.5	810.6	200.0
679	1891.5	810.6	150.0	680	1891.5	810.6	100.0	681	1891.5	810.6	50.0
682	566.1	1240.0	342.0	683	566.1	1240.0	304.0	684	566.1	1240.0	266.0
685	566.1	1240.0	228.0	686	566.1	1240.0	190.0	687	566.1	1240.0	152.0
688	566.1	1240.0	114.0	689	566.1	1240.0	76.0	690	566.1	1240.0	38.0
692	613.5	1242.0	342.0	693	613.5	1242.0	304.0	694	613.5	1242.0	266.0
695	613.5	1242.0	228.0	696	613.5	1242.0	190.0	697	613.5	1242.0	152.0
698	613.5	1242.0	114.0	699	613.5	1242.0	76.0	700	613.5	1242.0	38.0
702	661.0	1244.0	342.0	703	661.0	1244.0	304.0	704	661.0	1244.0	266.0
705	661.0	1244.0	228.0	706	661.0	1244.0	190.0	707	661.0	1244.0	152.0
708	661.0	1244.0	114.0	709	661.0	1244.0	76.0	710	661.0	1244.0	38.0
712	1309.9	1236.3	284.4	713	1345.2	1237.7	284.4	714	1345.2	1237.7	325.0
715	1309.9	1236.3	243.8	716	1345.2	1237.7	243.8	717	1309.9	1236.3	203.1
718	1345.2	1237.7	203.1	719	1309.9	1236.3	162.5	720	1345.2	1237.7	162.5
721	1309.9	1236.3	121.9	722	1345.2	1237.7	121.9	723	1309.9	1236.3	81.2
724	1345.2	1237.7	81.2	725	1309.9	1236.3	40.6	726	1345.2	1237.7	40.6
728	1380.4	1239.2	284.4	729	1380.4	1239.2	325.0	730	1380.4	1239.2	243.8
731	1380.4	1239.2	203.1	732	1380.4	1239.2	162.5	733	1380.4	1239.2	121.9
734	1380.4	1239.2	81.2	735	1380.4	1239.2	40.6	737	1415.6	1240.7	284.4
738	1415.6	1240.7	325.0	739	1415.6	1240.7	243.8	740	1415.6	1240.7	203.1
741	1415.6	1240.7	162.5	742	1415.6	1240.7	121.9	743	1415.6	1240.7	81.2
744	1415.6	1240.7	40.6	746	1450.9	1242.1	284.4	747	1450.9	1242.1	325.0
748	1450.9	1242.1	243.8	749	1450.9	1242.1	203.1	750	1450.9	1242.1	162.5
751	1450.9	1242.1	121.9	752	1450.9	1242.1	81.2	753	1450.9	1242.1	40.6
755	1486.1	1243.6	284.4	756	1486.1	1243.6	325.0	757	1486.1	1243.6	243.8
758	1486.1	1243.6	203.1	759	1486.1	1243.6	162.5	760	1486.1	1243.6	121.9
761	1486.1	1243.6	81.2	762	1486.1	1243.6	40.6	764	1521.3	1245.0	284.4
765	1521.3	1245.0	325.0	766	1521.3	1245.0	243.8	767	1521.3	1245.0	203.1
768	1521.3	1245.0	162.5	769	1521.3	1245.0	121.9	770	1521.3	1245.0	81.2
771	1521.3	1245.0	40.6	773	1556.6	1246.5	284.4	774	1556.6	1246.5	325.0
775	1556.6	1246.5	243.8	776	1556.6	1246.5	203.1	777	1556.6	1246.5	162.5
778	1556.6	1246.5	121.9	779	1556.6	1246.5	81.2	780	1556.6	1246.5	40.6
782	1591.8	1248.0	284.4	783	1591.8	1248.0	325.0	784	1591.8	1248.0	243.8
785	1591.8	1248.0	203.1	786	1591.8	1248.0	162.5	787	1591.8	1248.0	121.9
788	1591.8	1248.0	81.2	789	1591.8	1248.0	40.6	791	1627.1	1249.4	284.4
792	1627.1	1249.4	325.0	793	1627.1	1249.4	243.8	794	1627.1	1249.4	203.1
795	1627.1	1249.4	162.5	796	1627.1	1249.4	121.9	797	1627.1	1249.4	81.2
798	1627.1	1249.4	40.6	800	1662.3	1250.9	284.4	801	1662.3	1250.9	325.0
802	1662.3	1250.9	243.8	803	1662.3	1250.9	203.1	804	1662.3	1250.9	162.5
805	1662.3	1250.9	121.9	806	1662.3	1250.9	81.2	807	1662.3	1250.9	40.6
809	1697.5	1252.3	284.4	810	1697.5	1252.3	325.0	811	1697.5	1252.3	243.8
812	1697.5	1252.3	203.1	813	1697.5	1252.3	162.5	814	1697.5	1252.3	121.9
815	1697.5	1252.3	81.2	816	1697.5	1252.3	40.6	818	1732.8	1253.8	284.4
819	1732.8	1253.8	325.0	820	1732.8	1253.8	243.8	821	1732.8	1253.8	203.1
822	1732.8	1253.8	162.5	823	1732.8	1253.8	121.9	824	1732.8	1253.8	81.2
825	1732.8	1253.8	40.6	827	1768.0	1255.3	284.4	828	1768.0	1255.3	325.0
829	1768.0	1255.3	243.8	830	1768.0	1255.3	203.1	831	1768.0	1255.3	162.5
832	1768.0	1255.3	121.9	833	1768.0	1255.3	81.2	834	1768.0	1255.3	40.6
836	1803.2	1256.7	284.4	837	1803.2	1256.7	325.0	838	1803.2	1256.7	243.8
839	1803.2	1256.7	203.1	840	1803.2	1256.7	162.5	841	1803.2	1256.7	121.9
842	1803.2	1256.7	81.2	843	1803.2	1256.7	40.6	845	1838.5	1258.2	284.4
846	1838.5	1258.2	325.0	847	1838.5	1258.2	243.8	848	1838.5	1258.2	203.1
849	1838.5	1258.2	162.5	850	1838.5	1258.2	121.9	851	1838.5	1258.2	81.2

852	1838.5	1258.2	40.6	854	1973.7	1259.6	325.0	855	1965.7	1637.3	280.0
856	1972.9	1297.4	320.5	857	1972.1	1335.2	316.0	858	1971.3	1372.9	311.5
859	1970.5	1410.7	307.0	860	1969.7	1448.5	302.5	861	1968.9	1486.2	298.0
862	1968.1	1524.0	293.5	863	1967.3	1561.7	289.0	864	1966.5	1599.5	284.5
865	1899.0	1637.3	280.0	866	1932.3	1637.3	280.0	867	1940.4	1259.6	325.0
868	1907.1	1259.6	325.0	869	1899.8	1599.5	284.5	870	1900.6	1561.7	289.0
871	1901.4	1524.0	293.5	872	1902.2	1486.2	298.0	873	1903.0	1448.5	302.5
874	1903.8	1410.7	307.0	875	1904.6	1372.9	311.5	876	1905.4	1335.2	316.0
877	1906.3	1297.4	320.5	878	1933.1	1599.5	284.5	879	1934.0	1561.7	289.0
880	1934.8	1524.0	293.5	881	1935.6	1486.2	298.0	882	1936.4	1448.5	302.5
883	1937.2	1410.7	307.0	884	1938.0	1372.9	311.5	885	1938.8	1335.2	316.0
886	1939.6	1297.4	320.5	887	1875.5	1214.7	332.5	888	1877.3	1169.8	340.0
889	1879.1	1124.9	347.5	890	1880.8	1080.0	355.0	891	1882.6	1035.1	362.5
892	1884.4	990.2	370.0	893	1886.2	945.3	377.5	894	1887.9	900.4	385.0
895	1889.7	855.5	392.5	896	1975.5	1214.7	332.5	897	1977.3	1169.8	340.0
898	1979.1	1124.9	347.5	899	1980.8	1080.0	355.0	900	1982.6	1035.1	362.5
901	1984.4	990.2	370.0	902	1986.2	945.3	377.5	903	1987.9	900.4	385.0
904	1989.7	855.5	392.5	905	1890.3	840.5	395.0	906	1889.1	870.4	390.0
907	1886.8	930.3	380.0	908	1885.6	960.3	375.0	909	1883.2	1020.1	365.0
910	1882.0	1050.1	360.0	911	1879.7	1110.0	350.0	912	1878.5	1139.9	345.0
913	1876.1	1199.8	335.0	914	1874.9	1229.7	330.0	915	1974.6	1237.2	328.7
916	1976.4	1192.3	336.2	917	1978.2	1147.4	343.7	918	1979.9	1102.5	351.2
919	1981.7	1057.6	358.7	920	1983.5	1012.6	366.2	921	1985.3	967.7	373.7
922	1987.1	922.8	381.2	923	1988.8	877.9	388.7	924	1965.2	844.2	394.4
925	1940.6	833.0	396.2	926	1916.1	821.8	398.1	927	1957.9	1212.9	332.8
928	1905.9	1203.3	334.4	929	1950.2	1194.6	335.9	930	1961.8	1031.9	363.0
931	1962.0	942.3	378.0	932	1958.2	1121.7	348.0	933	1958.5	1102.0	351.3
934	1962.9	918.8	381.9	935	1961.9	966.2	374.0	936	1963.3	895.3	385.9
937	1962.4	1011.9	366.4	938	1958.0	1055.6	359.1	939	1953.7	1146.2	343.9
940	1957.0	1079.5	355.1	941	1950.2	1172.5	339.6	942	1961.0	989.3	370.2
943	1912.9	908.4	383.7	944	1911.9	935.6	379.1	945	1910.9	963.2	374.5
946	1910.6	991.8	369.7	947	1909.1	1111.1	349.8	948	1907.6	1081.1	354.8
949	1904.7	1173.3	339.4	950	1905.2	1142.0	344.6	951	1910.9	1021.1	364.8
952	1908.8	1050.8	359.9	953	1910.1	1233.0	329.4	954	1945.5	1232.2	329.6
955	1964.0	870.2	390.0	956	1914.8	851.6	393.1	957	1937.9	913.7	382.8
958	1928.1	1172.7	339.5	959	1929.9	1142.5	344.6	960	1933.9	1051.5	359.8
961	1936.4	965.0	374.2	962	1935.8	992.1	369.7	963	1932.7	1081.3	354.8
964	1938.4	888.2	387.0	965	1930.9	1202.7	334.5	966	1937.4	939.1	378.5
967	1913.6	881.2	388.2	968	1939.3	861.2	391.5	969	1937.9	1021.7	364.7
970	1935.1	1111.5	349.7	971	2115.8	400.0	312.5	972	2103.2	445.5	320.5
973	2090.6	491.1	328.5	974	2078.0	536.6	336.5	975	2065.4	582.2	344.5
976	2052.8	627.7	352.5	977	2040.2	673.3	360.5	978	2027.5	718.8	368.5
979	2014.9	764.4	376.5	980	2002.3	809.9	384.5	981	2091.3	388.8	314.4
982	2066.7	377.5	316.2	983	2042.1	366.3	318.1	984	2011.3	377.8	324.0
985	1998.7	423.4	332.0	986	1986.1	468.9	340.0	987	1973.5	514.5	348.0
988	1960.8	560.0	356.0	989	1948.2	605.6	364.0	990	1935.6	651.1	372.0
991	1923.0	696.7	380.0	992	1910.4	742.2	388.0	993	1897.8	787.8	396.0
994	1996.0	832.7	388.5	995	2008.6	787.1	380.5	996	2021.2	741.6	372.5
997	2033.9	696.0	364.5	998	2046.5	650.5	356.5	999	2059.1	605.0	348.5
1000	2071.7	559.4	340.5	1001	2084.3	513.9	332.5	1002	2096.9	468.3	324.5
1003	2109.5	422.8	316.5	1004	2035.8	389.1	322.1	1005	2060.4	400.3	320.2
1006	2084.9	411.5	318.4	1007	2029.5	411.8	326.1	1008	2054.1	423.1	324.2
1009	2078.6	434.3	322.4	1010	2023.2	434.6	330.1	1011	2047.8	445.9	328.3
1012	2072.3	457.1	326.4	1013	2016.9	457.4	334.1	1014	2041.5	468.6	332.3
1015	2066.0	479.9	330.4	1016	2010.6	480.2	338.1	1017	2035.2	491.4	336.3
1018	2059.7	502.6	334.4	1019	2004.3	502.9	342.1	1020	2028.9	514.2	340.3
1021	2053.4	525.4	338.4	1022	1998.0	525.7	346.1	1023	2022.6	536.9	344.3
1024	2047.1	548.2	342.4	1025	1991.7	548.5	350.1	1026	2016.3	559.7	348.3
1027	2040.8	570.9	346.4	1028	1985.4	571.3	354.1	1029	2010.0	582.5	352.3
1030	2034.5	593.7	350.4	1031	1979.1	594.0	358.1	1032	2003.7	605.3	356.3
1033	2028.2	616.5	354.4	1034	1972.8	616.8	362.1	1035	1997.3	628.0	360.3
1036	2021.9	639.3	358.4	1037	1966.5	639.6	366.1	1038	1991.0	650.8	364.3
1039	2015.6	662.0	362.4	1040	1960.2	662.4	370.1	1041	1984.7	673.6	368.3
1042	2009.3	684.8	366.4	1043	1953.9	685.1	374.1	1044	1978.4	696.4	372.3
1045	2003.0	707.6	370.4	1046	1947.6	707.9	378.1	1047	1972.1	719.1	376.3
1048	1996.7	730.4	374.4	1049	1941.3	730.7	382.1	1050	1965.8	741.9	380.3
1051	1990.4	753.1	378.4	1052	1935.0	753.5	386.1	1053	1959.5	764.7	384.3
1054	1984.1	775.9	382.4	1055	1928.7	776.2	390.1	1056	1953.2	787.5	388.3
1057	1977.8	798.7	386.4	1058	1922.4	799.0	394.1	1059	1946.9	810.2	392.3
1060	1971.5	821.5	390.4	1061	2039.0	310.8	318.0	1062	2060.4	266.5	316.0
1063	2081.7	222.3	314.0	1064	2103.1	178.0	312.0	1065	2124.5	133.7	310.0
1066	2145.9	89.5	308.0	1067	2167.3	45.2	306.0	1068	2188.7	0.9	304.0
1069	2210.0	-43.4	302.0	1070	2137.2	355.7	310.5	1071	2158.6	311.4	308.5
1072	2180.0	267.2	306.5	1073	2201.3	222.9	304.5	1074	2222.7	178.6	302.5
1075	2244.1	134.4	300.5	1076	2265.5	90.1	298.5	1077	2286.9	45.8	296.5
1078	2308.3	1.5	294.5	1079	2289.1	-20.7	295.9	1080	2269.8	-43.0	297.3
1081	2250.6	-65.3	298.6	1082	2220.7	-65.5	301.0	1083	2199.3	-21.2	303.0

1084	2178.0	23.0	305.0	1085	2156.6	67.3	307.0	1086	2135.2	111.6	309.0
1087	2113.8	155.9	311.0	1088	2092.4	200.1	313.0	1089	2071.0	244.4	315.0
1090	2049.7	288.7	317.0	1091	2028.3	332.9	319.0	1092	2126.5	377.8	311.5
1093	2147.9	333.6	309.5	1094	2169.3	289.3	307.5	1095	2190.7	245.0	305.5
1096	2212.0	200.8	303.5	1097	2233.4	156.5	301.5	1098	2254.8	112.2	299.5
1099	2276.2	68.0	297.5	1100	2297.6	23.7	295.5	1101	2262.3	28.1	298.3
1102	2250.5	53.9	299.4	1103	2240.9	77.8	300.4	1104	2231.0	101.0	301.3
1105	2220.6	123.3	302.3	1106	2209.8	145.5	303.3	1107	2199.1	167.6	304.3
1108	2188.5	189.7	305.3	1109	2177.9	211.9	306.3	1110	2168.6	234.3	307.2
1111	2156.6	256.0	308.3	1112	2145.9	278.1	309.3	1113	2134.4	300.1	310.3
1114	2123.8	322.2	311.3	1115	2113.2	344.0	312.3	1116	2064.1	321.5	316.1
1117	2074.4	299.6	315.1	1118	2085.1	277.5	314.1	1119	2095.7	255.4	313.1
1120	2105.3	233.3	312.2	1121	2116.0	211.2	311.2	1122	2126.7	189.1	310.2
1123	2137.7	167.0	309.2	1124	2148.0	144.8	308.2	1125	2158.7	122.6	307.2
1126	2169.5	100.5	306.2	1127	2180.2	78.1	305.2	1128	2192.0	55.7	304.1
1129	2203.4	32.9	303.0	1130	2215.7	10.1	301.9	1131	2223.7	-10.3	301.1
1132	2078.0	354.4	315.2	1133	2247.6	-23.2	299.2	1134	2102.5	366.2	313.3
1135	2052.7	343.8	317.1	1136	2229.7	-31.9	300.5	1137	2250.7	-3.0	299.0
1138	2089.1	331.9	314.2	1139	2099.1	310.7	313.2	1140	2163.2	178.5	307.2
1141	2173.2	156.2	306.3	1142	2153.0	200.5	308.2	1143	2121.3	266.5	311.2
1144	2110.1	288.7	312.2	1145	2131.6	244.6	310.2	1146	2142.8	222.4	309.1
1147	2183.5	134.2	305.3	1148	2205.4	89.5	303.3	1149	2216.5	66.4	302.2
1150	2228.9	42.0	301.1	1151	2195.6	112.2	304.2	1152	2243.2	18.9	299.8
1153	2242.7	-46.1	299.4	1154	2260.0	-31.3	298.1	1155	2271.2	-1.7	297.4
1156	1338.9	1613.5	280.0	1157	1386.8	1615.6	280.0	1158	1434.7	1617.8	280.0
1159	1482.5	1620.0	280.0	1160	1530.4	1622.1	280.0	1161	1578.3	1624.3	280.0
1162	1626.2	1626.5	280.0	1163	1674.1	1628.6	280.0	1164	1722.0	1630.8	280.0
1165	1769.9	1632.9	280.0	1166	1817.8	1635.1	280.0	1167	1291.0	1711.3	280.0
1168	1338.9	1713.5	280.0	1169	1386.8	1715.6	280.0	1170	1434.7	1717.8	280.0
1171	1482.5	1720.0	280.0	1172	1530.4	1722.1	280.0	1173	1578.3	1724.3	280.0
1174	1626.2	1726.5	280.0	1175	1674.1	1728.6	280.0	1176	1722.0	1730.8	280.0
1177	1769.9	1732.9	280.0	1178	1817.8	1735.1	280.0	1179	1865.7	1737.3	280.0
1180	1965.7	1737.3	280.0	1181	1899.0	1737.3	280.0	1182	1932.3	1737.3	280.0
1183	1291.0	1644.7	280.0	1184	1291.0	1678.0	280.0	1185	1314.9	1712.4	280.0
1186	1362.8	1714.6	280.0	1187	1410.7	1716.7	280.0	1188	1458.6	1718.9	280.0
1189	1506.5	1721.0	280.0	1190	1554.4	1723.2	280.0	1191	1602.3	1725.4	280.0
1192	1650.2	1727.5	280.0	1193	1698.1	1729.7	280.0	1194	1745.9	1731.9	280.0
1195	1793.8	1734.0	280.0	1196	1841.7	1736.2	280.0	1197	1965.7	1703.9	280.0
1198	1965.7	1670.6	280.0	1199	1841.7	1636.2	280.0	1200	1793.8	1634.0	280.0
1201	1745.9	1631.9	280.0	1202	1698.1	1629.7	280.0	1203	1650.2	1627.5	280.0
1204	1602.3	1625.4	280.0	1205	1554.4	1623.2	280.0	1206	1506.5	1621.0	280.0
1207	1458.6	1618.9	280.0	1208	1410.7	1616.7	280.0	1209	1362.8	1614.6	280.0
1210	1314.9	1612.4	280.0	1211	1314.9	1645.7	280.0	1212	1338.9	1646.8	280.0
1213	1362.8	1647.9	280.0	1214	1386.8	1649.0	280.0	1215	1410.7	1650.1	280.0
1216	1434.7	1651.1	280.0	1217	1458.6	1652.2	280.0	1218	1482.5	1653.3	280.0
1219	1506.5	1654.4	280.0	1220	1530.4	1655.5	280.0	1221	1554.4	1656.5	280.0
1222	1578.3	1657.6	280.0	1223	1602.3	1658.7	280.0	1224	1626.2	1659.8	280.0
1225	1650.2	1660.9	280.0	1226	1674.1	1662.0	280.0	1227	1698.1	1663.0	280.0
1228	1722.0	1664.1	280.0	1229	1746.1	1664.1	280.0	1230	1770.1	1665.2	280.0
1231	1794.0	1666.5	280.0	1232	1818.0	1667.8	280.0	1233	1842.3	1668.7	280.0
1234	1868.4	1669.9	280.0	1235	1899.0	1670.6	280.0	1236	1932.3	1670.6	280.0
1237	1314.9	1679.1	280.0	1238	1338.9	1680.1	280.0	1239	1362.8	1681.2	280.0
1240	1386.8	1682.3	280.0	1241	1410.7	1683.4	280.0	1242	1434.7	1684.5	280.0
1243	1458.6	1685.6	280.0	1244	1482.5	1686.6	280.0	1245	1506.5	1687.7	280.0
1246	1530.4	1688.8	280.0	1247	1554.4	1689.9	280.0	1248	1578.3	1691.0	280.0
1249	1602.3	1692.0	280.0	1250	1626.2	1693.1	280.0	1251	1650.2	1694.2	280.0
1252	1674.1	1695.3	280.0	1253	1698.1	1696.4	280.0	1254	1722.0	1697.6	280.0
1255	1746.1	1698.7	280.0	1256	1769.9	1700.0	280.0	1257	1793.9	1700.9	280.0
1258	1818.0	1701.8	280.0	1259	1842.6	1702.7	280.0	1260	1867.9	1703.7	280.0
1261	1899.0	1703.9	280.0	1262	1932.3	1703.9	280.0	1263	-129.4	722.5	391.5
1264	-125.6	776.7	382.9	1265	-121.8	830.9	374.4	1266	-118.0	885.2	365.9
1267	-114.2	939.4	357.3	1268	-110.4	993.6	348.8	1269	-106.6	1047.8	340.3
1270	-102.8	1102.1	331.8	1271	-99.0	1156.3	323.2	1272	-233.2	668.3	400.0
1273	-195.3	1210.5	314.7	1274	-229.4	722.5	391.5	1275	-225.6	776.7	382.9
1276	-221.8	830.9	374.4	1277	-218.0	885.2	365.9	1278	-214.2	939.4	357.3
1279	-210.4	993.6	348.8	1280	-206.6	1047.8	340.3	1281	-202.8	1102.1	331.8
1282	-199.0	1156.3	323.2	1283	-161.9	1210.5	314.7	1284	-128.6	1210.5	314.7
1285	-97.2	1183.4	319.0	1286	-100.9	1129.2	327.5	1287	-104.7	1074.9	336.0
1288	-108.5	1020.7	344.5	1289	-112.3	966.5	353.1	1290	-116.1	912.3	361.6
1291	-119.9	858.1	370.1	1292	-123.7	803.8	378.7	1293	-127.5	749.6	387.2
1294	-131.3	695.4	395.7	1295	-166.5	668.3	400.0	1296	-199.8	668.3	400.0
1297	-231.3	695.4	395.7	1298	-227.5	749.6	387.2	1299	-223.7	803.8	378.7
1300	-219.9	858.1	370.1	1301	-216.1	912.3	361.6	1302	-212.3	966.5	353.1
1303	-208.5	1020.7	344.5	1304	-204.7	1074.9	336.0	1305	-200.9	1129.2	327.5
1306	-197.2	1183.4	319.0	1307	-130.5	1183.4	319.0	1308	-163.8	1183.4	319.0
1309	-132.4	1156.3	323.2	1310	-165.7	1156.3	323.2	1311	-134.3	1129.2	327.5
1312	-167.6	1129.2	327.5	1313	-136.2	1102.1	331.8	1314	-169.5	1102.1	331.8

1315	-138.1	1074.9	336.0	1316	-171.4	1074.9	336.0	1317	-140.0	1047.8	340.3
1318	-173.3	1047.8	340.3	1319	-141.9	1020.7	344.5	1320	-175.2	1020.7	344.5
1321	-143.8	993.6	348.8	1322	-177.1	993.6	348.8	1323	-145.7	966.5	353.1
1324	-179.0	966.5	353.1	1325	-147.6	939.4	357.3	1326	-180.9	939.4	357.3
1327	-149.4	912.3	361.6	1328	-182.8	912.3	361.6	1329	-151.3	885.2	365.9
1330	-184.7	885.2	365.9	1331	-153.2	858.1	370.1	1332	-186.6	858.1	370.1
1333	-155.1	830.9	374.4	1334	-188.5	830.9	374.4	1335	-157.0	803.8	378.7
1336	-190.4	803.8	378.7	1337	-158.9	776.7	382.9	1338	-192.3	776.7	382.9
1339	-160.8	749.6	387.2	1340	-194.2	749.6	387.2	1341	-162.7	722.5	391.5
1342	-196.1	722.5	391.5	1343	-164.6	695.4	395.7	1344	-197.9	695.4	395.7
1345	-265.4	206.5	320.0	1346	-263.4	235.4	325.0	1347	-261.4	264.3	330.0
1348	-259.4	293.1	335.0	1349	-257.4	322.0	340.0	1350	-255.3	350.8	345.0
1351	-253.3	379.7	350.0	1352	-251.3	408.5	355.0	1353	-249.3	437.4	360.0
1354	-247.3	466.3	365.0	1355	-245.3	495.1	370.0	1356	-243.3	524.0	375.0
1357	-241.2	552.8	380.0	1358	-239.2	581.7	385.0	1359	-237.2	610.6	390.0
1360	-235.2	639.4	395.0	1361	-135.2	639.4	395.0	1362	-139.2	581.7	385.0
1363	-143.3	524.0	375.0	1364	-147.3	466.3	365.0	1365	-151.3	408.5	355.0
1366	-155.3	350.8	345.0	1367	-159.4	293.1	335.0	1368	-163.4	235.4	325.0
1369	-198.7	206.5	320.0	1370	-232.1	206.5	320.0	1371	-230.1	235.4	325.0
1372	-196.7	235.4	325.0	1373	-228.1	264.3	330.0	1374	-194.7	264.3	330.0
1375	-226.0	293.1	335.0	1376	-192.7	293.1	335.0	1377	-224.0	322.0	340.0
1378	-190.7	322.0	340.0	1379	-222.0	350.8	345.0	1380	-188.7	350.8	345.0
1381	-220.0	379.7	350.0	1382	-186.7	379.7	350.0	1383	-218.0	408.5	355.0
1384	-184.6	408.5	355.0	1385	-216.0	437.4	360.0	1386	-182.6	437.4	360.0
1387	-213.9	466.3	365.0	1388	-180.6	466.3	365.0	1389	-211.9	495.1	370.0
1390	-178.6	495.1	370.0	1391	-209.9	524.0	375.0	1392	-176.6	524.0	375.0
1393	-207.9	552.8	380.0	1394	-174.6	552.8	380.0	1395	-205.9	581.7	385.0
1396	-172.6	581.7	385.0	1397	-203.9	610.6	390.0	1398	-170.5	610.6	390.0
1399	-201.9	639.4	395.0	1400	-168.5	639.4	395.0	1401	1274.7	1234.8	121.9
1402	1274.7	1234.8	203.1	1403	1274.7	1234.8	40.6	1404	15.5	85.3	305.0
1405	15.6	129.6	310.0	1406	15.8	173.9	315.0	1407	-265.8	117.9	310.0
1408	-29.4	215.3	319.9	1409	-74.7	212.4	319.8	1410	-120.1	209.5	319.7
1411	-165.4	206.6	319.5	1412	-198.7	206.6	319.7	1413	-232.1	206.5	319.8
1414	-265.5	177.0	316.7	1415	-265.6	147.4	313.3	1416	-234.5	119.2	310.0
1417	-203.2	120.5	310.0	1418	-172.0	121.8	310.0	1419	-140.7	123.1	310.0
1420	-109.4	124.4	310.0	1421	-78.2	125.7	310.0	1422	-46.9	127.0	310.0
1423	-15.6	128.3	310.0	1424	15.7	151.8	312.5	1425	15.9	196.1	317.5
1426	-6.7	216.8	319.9	1427	-52.0	213.9	319.8	1428	-97.4	211.0	319.7
1429	-142.7	208.0	319.6	1430	-9.1	171.1	314.8	1431	-168.2	150.7	313.2
1432	-200.5	148.6	313.2	1433	-30.7	194.6	317.5	1434	-140.4	152.3	313.3
1435	-199.6	177.4	316.4	1436	-141.6	180.3	316.5	1437	-51.1	187.7	316.9
1438	-72.9	187.9	317.0	1439	-93.6	186.4	316.9	1440	-116.5	181.5	316.5
1441	-78.9	160.9	314.0	1442	-110.7	154.1	313.4	1443	-43.4	159.9	313.7
1444	-7.1	194.8	317.5	1445	-233.3	148.0	313.2	1446	-232.8	177.2	316.5
1447	-167.1	178.7	316.4	1448	-14.1	151.2	312.6	1449	-27.9	174.9	315.3
1450	61.0	42.3	300.0	1451	106.6	43.6	300.0	1452	152.3	44.9	300.0
1453	197.9	46.3	300.0	1454	243.6	47.6	300.0	1455	289.3	48.9	300.0
1456	334.9	50.3	300.0	1457	380.6	51.6	300.0	1458	426.3	52.9	300.0
1459	471.9	54.2	300.0	1460	517.6	55.6	300.0	1461	15.3	-58.1	286.1
1462	563.2	-42.1	286.1	1463	60.9	-56.7	286.1	1464	106.6	-55.4	286.1
1465	152.3	-54.1	286.1	1466	197.9	-52.8	286.1	1467	243.6	-51.4	286.1
1468	289.2	-50.1	286.1	1469	334.9	-48.8	286.1	1470	380.6	-47.4	286.1
1471	426.2	-46.1	286.1	1472	471.9	-44.8	286.1	1473	517.6	-43.5	286.1
1474	15.3	7.9	295.4	1475	15.3	-25.1	290.7	1476	38.1	-57.4	286.1
1477	83.8	-56.1	286.1	1478	129.4	-54.8	286.1	1479	175.1	-53.4	286.1
1480	220.7	-52.1	286.1	1481	266.4	-50.8	286.1	1482	312.1	-49.4	286.1
1483	357.7	-48.1	286.1	1484	403.4	-46.8	286.1	1485	449.1	-45.5	286.1
1486	494.7	-44.1	286.1	1487	540.4	-42.8	286.1	1488	563.2	-9.1	290.7
1489	563.2	23.9	295.4	1490	540.4	56.2	300.0	1491	494.8	54.9	300.0
1492	449.1	53.6	300.0	1493	403.4	52.2	300.0	1494	357.8	50.9	300.0
1495	312.1	49.6	300.0	1496	266.4	48.3	300.0	1497	220.8	46.9	300.0
1498	175.1	45.6	300.0	1499	129.5	44.3	300.0	1500	83.8	42.9	300.0
1501	38.1	41.6	300.0	1502	38.1	-24.4	290.7	1503	38.1	8.6	295.4
1504	60.9	-23.7	290.7	1505	61.0	9.3	295.4	1506	83.8	-23.1	290.7
1507	83.8	9.9	295.4	1508	106.6	-22.4	290.7	1509	106.6	10.6	295.4
1510	129.4	-21.7	290.7	1511	129.4	11.3	295.4	1512	152.3	-21.1	290.7
1513	152.3	11.9	295.4	1514	175.1	-20.4	290.7	1515	175.1	12.6	295.4
1516	197.9	-19.8	290.7	1517	197.9	13.3	295.4	1518	220.8	-19.1	290.7
1519	220.8	13.9	295.4	1520	243.6	-18.4	290.7	1521	243.6	14.6	295.4
1522	266.4	-17.8	290.7	1523	266.4	15.3	295.4	1524	289.3	-17.1	290.7
1525	289.3	15.9	295.4	1526	312.1	-16.4	290.7	1527	312.1	16.6	295.4
1528	334.9	-15.8	290.7	1529	334.9	17.2	295.4	1530	357.7	-15.1	290.7
1531	357.8	17.9	295.4	1532	380.6	-14.4	290.7	1533	380.6	18.6	295.4
1534	403.4	-13.8	290.7	1535	403.4	19.2	295.4	1536	426.2	-13.1	290.7
1537	426.2	19.9	295.4	1538	449.1	-12.4	290.7	1539	449.1	20.6	295.4
1540	471.9	-11.8	290.7	1541	471.9	21.2	295.4	1542	494.7	-11.1	290.7
1543	494.7	21.9	295.4	1544	517.6	-10.5	290.7	1545	517.6	22.6	295.4

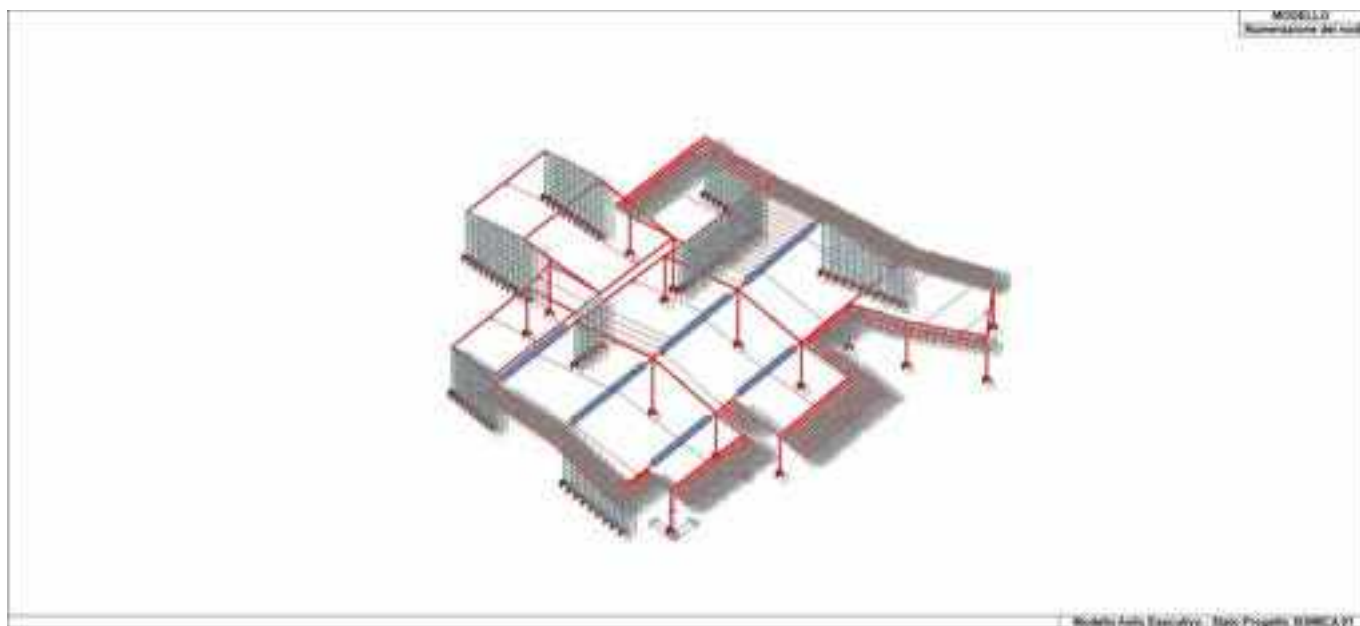
1546	540.4	-9.8	290.7	1547	540.4	23.2	295.4	1548	751.1	-61.9	281.7
1549	796.2	-59.0	283.3	1550	841.4	-56.0	285.0	1551	886.5	-53.0	286.7
1552	931.7	-50.0	288.3	1553	976.8	-47.1	290.0	1554	1022.0	-44.1	291.7
1555	1067.1	-41.1	293.3	1556	1112.3	-38.2	295.0	1557	1157.5	-35.2	296.7
1558	1202.6	-32.2	298.3	1559	1248.2	-128.3	286.1	1560	706.4	-163.9	266.1
1561	751.5	-161.0	267.8	1562	796.7	-158.0	269.5	1563	841.8	-155.0	271.1
1564	887.0	-152.0	272.8	1565	932.1	-149.1	274.5	1566	977.3	-146.1	276.1
1567	1022.4	-143.1	277.8	1568	1067.6	-140.2	279.5	1569	1112.8	-137.2	281.1
1570	1157.9	-134.2	282.8	1571	1203.1	-131.3	284.5	1572	706.2	-130.9	270.7
1573	706.1	-97.9	275.4	1574	728.5	-63.4	280.8	1575	773.6	-60.4	282.5
1576	818.8	-57.5	284.2	1577	864.0	-54.5	285.8	1578	909.1	-51.5	287.5
1579	954.3	-48.6	289.2	1580	999.4	-45.6	290.8	1581	1044.6	-42.6	292.5
1582	1089.7	-39.7	294.2	1583	1134.9	-36.7	295.8	1584	1180.0	-33.7	297.5
1585	1225.2	-30.7	299.2	1586	1247.9	-62.3	295.4	1587	1248.1	-95.3	290.7
1588	1225.6	-129.8	285.3	1589	1180.5	-132.7	283.6	1590	1135.3	-135.7	282.0
1591	1090.2	-138.7	280.3	1592	1045.0	-141.7	278.6	1593	999.9	-144.6	277.0
1594	954.7	-147.6	275.3	1595	909.6	-150.6	273.6	1596	864.4	-153.5	272.0
1597	819.2	-156.5	270.3	1598	774.1	-159.5	268.6	1599	728.9	-162.4	267.0
1600	728.8	-129.4	271.6	1601	751.4	-127.9	272.4	1602	773.9	-126.5	273.2
1603	796.5	-125.0	274.1	1604	819.1	-123.5	274.9	1605	841.7	-122.0	275.7
1606	864.2	-120.5	276.6	1607	886.8	-119.0	277.4	1608	909.4	-117.6	278.2
1609	932.0	-116.1	279.1	1610	954.6	-114.6	279.9	1611	977.1	-113.1	280.7
1612	999.7	-111.6	281.6	1613	1022.3	-110.1	282.4	1614	1044.9	-108.6	283.2
1615	1067.4	-107.2	284.1	1616	1090.0	-105.7	284.9	1617	1112.6	-104.7	285.7
1618	1135.2	-102.7	286.6	1619	1157.8	-101.2	287.4	1620	1180.3	-99.7	288.2
1621	1202.9	-98.2	289.1	1622	1225.5	-96.8	289.9	1623	728.6	-96.4	276.2
1624	751.2	-94.9	277.0	1625	773.8	-93.5	277.9	1626	796.4	-92.0	278.7
1627	818.9	-90.5	279.5	1628	841.5	-89.0	280.4	1629	864.1	-87.5	281.2
1630	886.7	-86.0	282.0	1631	909.3	-84.5	282.9	1632	931.8	-83.1	283.7
1633	954.4	-81.6	284.5	1634	977.0	-80.1	285.4	1635	999.6	-78.6	286.2
1636	1022.1	-77.1	287.0	1637	1044.7	-75.6	287.9	1638	1067.3	-74.1	288.7
1639	1089.9	-72.7	289.5	1640	1112.5	-71.2	290.4	1641	1135.0	-69.7	291.2
1642	1157.6	-68.2	292.0	1643	1180.2	-66.7	292.9	1644	1202.8	-65.2	293.7
1645	1225.3	-63.8	294.5	1646	15.3	-91.1	281.5	1647	563.2	-75.1	281.5
1648	60.9	-89.8	281.5	1649	106.6	-88.4	281.5	1650	152.2	-87.1	281.5
1651	197.9	-85.8	281.5	1652	243.6	-84.4	281.5	1653	289.2	-83.1	281.5
1654	334.9	-81.8	281.5	1655	380.6	-80.5	281.5	1656	426.2	-79.1	281.5
1657	471.9	-77.8	281.5	1658	517.5	-76.5	281.5	1659	38.1	-90.4	281.5
1660	83.8	-89.1	281.5	1661	129.4	-87.8	281.5	1662	175.1	-86.4	281.5
1663	220.7	-85.1	281.5	1664	266.4	-83.8	281.5	1665	312.1	-82.4	281.5
1666	357.7	-81.1	281.5	1667	403.4	-79.8	281.5	1668	449.1	-78.5	281.5
1669	494.7	-77.1	281.5	1670	540.4	-75.8	281.5	1671	560.7	220.6	316.7
1672	561.2	187.9	313.3	1673	561.7	155.1	310.0	1674	562.2	122.4	306.7
1675	562.7	89.6	303.3	1676	688.5	230.4	316.0	1677	690.4	197.6	312.0
1678	692.4	164.8	308.0	1679	694.3	132.0	304.0	1680	696.2	99.1	300.0
1681	698.2	66.3	296.0	1682	700.1	33.5	292.0	1683	1248.7	-227.3	272.2
1684	706.8	-263.0	252.2	1685	752.0	-260.0	253.9	1686	797.1	-257.0	255.6
1687	842.3	-254.0	257.2	1688	887.4	-251.1	258.9	1689	932.6	-248.1	260.6
1690	977.7	-245.1	262.2	1691	1022.9	-242.2	263.9	1692	1068.0	-239.2	265.6
1693	1113.2	-236.2	267.2	1694	1158.4	-233.3	268.9	1695	1203.5	-230.3	270.6
1696	706.7	-229.9	256.9	1697	706.5	-196.9	261.5	1698	702.0	0.7	288.0
1699	704.0	-32.1	284.0	1700	591.8	255.8	320.0	1701	623.4	258.3	320.0
1702	655.0	260.7	320.0	1703	593.7	223.0	316.0	1704	625.3	225.5	316.0
1705	656.9	227.9	316.0	1706	595.7	190.2	312.0	1707	627.3	192.7	312.0
1708	658.9	195.1	312.0	1709	597.6	157.4	308.0	1710	1248.4	-161.3	281.5
1711	1248.5	-194.3	276.9	1712	1226.1	-228.8	271.4	1713	1180.9	-231.8	269.7
1714	1135.8	-234.7	268.1	1715	1090.6	-237.7	266.4	1716	1045.5	-240.7	264.7
1717	1000.3	-243.7	263.1	1718	955.2	-246.6	261.4	1719	910.0	-249.6	259.7
1720	864.8	-252.6	258.1	1721	819.7	-255.5	256.4	1722	774.5	-258.5	254.7
1723	729.4	-261.5	253.1	1724	729.2	-228.5	257.7	1725	751.8	-227.0	258.5
1726	774.4	-225.5	259.4	1727	797.0	-224.0	260.2	1728	819.5	-222.5	261.0
1729	842.1	-221.0	261.9	1730	864.7	-219.6	262.7	1731	887.3	-218.1	263.5
1732	909.9	-216.6	264.4	1733	932.4	-215.1	265.2	1734	955.0	-213.6	266.0
1735	977.6	-212.1	266.9	1736	1000.2	-210.6	267.7	1737	1022.7	-209.2	268.5
1738	1045.3	-207.7	269.4	1739	1067.9	-206.2	270.2	1740	1090.5	-204.7	271.0
1741	1113.1	-203.2	271.9	1742	1135.6	-201.7	272.7	1743	1158.2	-200.2	273.5
1744	1180.8	-198.8	274.4	1745	1203.4	-197.3	275.2	1746	1225.9	-195.8	276.0
1747	729.1	-195.5	262.3	1748	751.7	-194.0	263.2	1749	774.2	-192.5	264.0
1750	796.8	-191.0	264.8	1751	819.4	-189.5	265.7	1752	842.0	-188.0	266.5
1753	864.5	-186.5	267.3	1754	887.1	-185.1	268.2	1755	909.7	-183.6	269.0
1756	932.3	-182.1	269.8	1757	954.9	-180.6	270.7	1758	977.4	-179.1	271.5
1759	1000.0	-177.6	272.3	1760	1022.6	-176.1	273.2	1761	1045.2	-174.7	274.0
1762	1067.7	-173.2	274.8	1763	1090.3	-171.7	275.7	1764	1112.9	-170.2	276.5
1765	1135.5	-168.7	277.3	1766	1158.1	-167.2	278.2	1767	1180.6	-165.8	279.0
1768	1203.2	-164.3	279.8	1769	1225.8	-162.8	280.7	1770	1741.7	-8.8	320.0
1771	1763.6	-45.0	320.0	1772	1785.4	-81.2	320.0	1773	1807.3	-117.4	320.0
1774	1829.2	-153.6	320.0	1775	1851.1	-189.8	320.0	1776	1873.0	-226.0	320.0

1777	1894.9	-262.2	320.0	1778	1916.8	-298.4	320.0	1779	1618.3	294.0	320.0
1780	1632.8	255.9	320.0	1781	1647.3	217.9	320.0	1782	1661.8	179.8	320.0
1783	1676.3	141.7	320.0	1784	1690.8	103.6	320.0	1785	1705.3	65.5	320.0
1786	1619.8	27.4	320.0	1787	1838.7	-334.6	320.0	1788	1641.7	-8.8	320.0
1789	1663.6	-45.0	320.0	1790	1685.4	-81.2	320.0	1791	1707.3	-117.4	320.0
1792	1729.2	-153.6	320.0	1793	1751.1	-189.8	320.0	1794	1773.0	-226.0	320.0
1795	1794.9	-262.2	320.0	1796	1816.8	-298.4	320.0	1797	1270.9	-159.8	282.3
1798	1293.5	-158.3	283.2	1799	1547.3	217.9	320.0	1800	1561.8	179.8	320.0
1801	1576.3	141.7	320.0	1802	1590.8	103.6	320.0	1803	1605.3	65.5	320.0
1804	1315.5	-24.8	302.5	1805	1270.3	-27.8	300.8	1806	1316.0	-123.8	288.6
1807	1270.8	-126.8	287.0	1808	629.2	159.8	308.0	1809	1292.9	-26.3	301.7
1810	1315.7	-57.8	297.9	1811	1315.8	-90.8	293.2	1812	1293.4	-125.3	287.8
1813	660.8	162.3	308.0	1814	599.5	124.6	304.0	1815	1270.6	-93.8	291.6
1816	1293.2	-92.3	292.4	1817	631.1	127.0	304.0	1818	1270.5	-60.8	296.2
1819	1293.1	-59.3	297.0	1820	662.7	129.5	304.0	1821	601.5	91.8	300.0
1822	1316.4	-222.9	274.7	1823	1271.2	-225.8	273.1	1824	633.1	94.2	300.0
1825	664.7	96.7	300.0	1826	1316.1	-156.8	284.0	1827	1316.3	-189.9	279.4
1828	1293.8	-224.3	273.9	1829	603.4	59.0	296.0	1830	635.0	61.4	296.0
1831	1271.1	-192.8	277.7	1832	1293.7	-191.3	278.5	1833	666.6	63.9	296.0
1834	1860.6	-370.8	320.0	1835	1912.6	-346.7	320.0	1836	1886.6	-358.7	320.0
1837	1575.8	230.5	320.0	1838	1604.3	243.2	320.0	1839	1681.2	10.5	320.0
1840	1858.6	-281.6	320.0	1841	1790.6	-171.7	320.0	1842	1835.4	-244.5	320.0
1843	1724.5	-63.1	320.0	1844	1768.5	-135.5	320.0	1845	1812.8	-208.0	320.0
1846	1746.5	-99.3	320.0	1847	1702.7	-26.2	320.0	1848	1662.0	48.2	320.0
1849	1647.7	85.5	320.0	1850	1633.1	125.1	320.0	1851	1618.9	163.9	320.0
1852	1883.1	-320.1	320.0	1853	1604.0	203.8	320.0	1854	1280.4	309.1	320.0
1855	1326.6	312.4	320.0	1856	1372.8	315.7	320.0	1857	1419.0	319.0	320.0
1858	1465.2	322.3	320.0	1859	1511.4	325.5	320.0	1860	1557.6	328.8	320.0
1861	1235.9	263.9	317.5	1862	1237.6	222.1	315.0	1863	1239.3	180.2	312.5
1864	1241.0	138.3	310.0	1865	1242.7	96.4	307.5	1866	1244.4	54.5	305.0
1867	1246.1	12.6	302.5	1868	1564.5	269.0	316.4	1869	1268.6	-2.7	301.5
1870	1361.6	257.3	316.6	1871	1455.0	275.6	317.3	1872	1307.6	222.1	314.7
1873	1540.5	277.3	317.0	1874	1397.5	271.7	317.3	1875	1425.4	273.1	317.2
1876	1538.6	250.9	315.4	1877	1276.6	126.6	309.2	1878	1257.3	307.5	320.0
1879	1314.5	6.2	301.8	1880	1313.5	37.0	303.7	1881	1312.5	67.9	305.5
1882	1311.5	98.7	307.3	1883	1310.5	129.6	309.2	1884	1309.5	160.4	311.0
1885	1308.6	191.2	312.9	1886	1337.5	221.6	314.5	1887	1367.5	221.1	314.4
1888	1397.4	220.6	314.2	1889	1427.4	220.2	314.1	1890	1457.4	219.7	313.9
1891	1487.3	219.2	313.8	1892	1517.3	218.7	313.6	1893	1580.7	330.5	320.0
1894	1534.5	327.2	320.0	1895	1488.3	323.9	320.0	1896	1442.1	320.6	320.0
1897	1395.9	317.3	320.0	1898	1349.7	314.0	320.0	1899	1303.5	310.8	320.0
1900	1302.4	257.2	316.8	1901	1268.5	269.2	317.7	1902	1307.2	282.7	318.3
1903	1488.4	298.8	318.5	1904	1513.3	300.5	318.5	1905	1463.9	299.7	318.7
1906	1443.8	298.2	318.7	1907	1421.3	296.1	318.6	1908	1539.0	301.8	318.5
1909	1394.9	295.0	318.7	1910	1367.6	292.5	318.6	1911	1485.6	247.2	315.4
1912	1349.6	286.7	318.4	1913	1456.3	247.8	315.6	1914	1425.5	247.5	315.7
1915	1328.6	285.7	318.4	1916	1392.9	249.0	315.9	1917	1332.5	255.4	316.6
1918	1562.4	301.0	318.3	1919	1278.1	29.4	303.4	1920	1276.5	155.1	310.9
1921	1268.7	226.2	315.1	1922	1277.4	96.8	307.4	1923	1274.1	187.8	312.8
1924	1276.9	63.2	305.4	1925	1375.0	273.7	317.5	1926	1582.8	309.0	318.7
1927	1290.3	5.9	301.9	1928	1513.7	247.8	315.4	1929	1285.4	286.6	318.6
1930	1485.0	274.4	317.1	1931	1512.0	274.7	317.0	1933	688.3	1740.6	364.9
1934	688.3	1740.6	405.0	1935	688.3	1740.6	312.8	1936	688.3	1740.6	260.6
1937	688.3	1740.6	208.5	1938	688.3	1740.6	156.4	1939	688.3	1740.6	104.2
1940	688.3	1740.6	52.1	1942	1274.7	1234.8	325.0	1943	1274.7	1234.8	284.4
1944	1274.7	1234.8	162.5	1945	1274.7	1234.8	81.2	1946	1274.7	1234.8	243.8

Nodo	X	Y	Z	Note	Rig. TX	Rig. TY	Rig. TZ	Rig. RX	Rig. RY	Rig. RZ
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	670.3	2179.8	0.0	v=111111						
3	1269.7	2204.3	0.0	v=111111						
5	686.7	1780.6	0.0	v=111111						
7	1271.3	1804.2	0.0	v=111111						
9	1262.5	1268.4	0.0	v=111111						
11	-72.4	1537.8	0.0	v=111111						
12	708.4	1246.0	0.0	v=111111						
14	518.6	1238.1	0.0	v=111111						
19	505.0	1573.8	0.0	v=111111						
21	-133.2	668.3	0.0	v=111111						
23	557.8	709.7	0.0	v=111111						
25	1215.9	750.1	0.0	v=111111						
27	1891.5	810.6	0.0	v=111111						
29	-95.3	1210.5	0.0	v=111111						
34	694.0	1596.7	0.0	v=111111						
35	1873.7	1259.6	0.0	v=111111						

37	1865.7	1637.3	0.0	v=111111
39	-165.4	206.5	0.0	v=111111
41	560.2	253.3	0.0	v=111111
43	1234.2	305.8	0.0	v=111111
45	2017.6	355.1	0.0	v=111111
47	15.3	41.0	0.0	v=111111
49	563.2	56.9	0.0	v=111111
51	1247.8	-29.3	0.0	v=111111
53	705.9	-64.9	0.0	v=111111
55	1603.8	332.1	0.0	v=111111
57	1719.8	27.4	0.0	v=111111
59	1938.7	-334.6	0.0	v=111111
61	2231.4	-87.6	0.0	v=111111
63	1176.9	1244.0	0.0	v=111111
65	1309.9	1236.3	0.0	v=111111
68	1291.0	1611.3	0.0	v=111111
85	1872.9	1297.4	0.0	v=111111
94	1872.1	1335.2	0.0	v=111111
103	1871.3	1372.9	0.0	v=111111
112	1870.5	1410.7	0.0	v=111111
121	1869.7	1448.5	0.0	v=111111
130	1868.9	1486.2	0.0	v=111111
139	1868.1	1524.0	0.0	v=111111
148	1867.3	1561.7	0.0	v=111111
157	1866.5	1599.5	0.0	v=111111
180	1271.1	1844.2	0.0	v=111111
189	1271.0	1884.2	0.0	v=111111
198	1270.8	1924.2	0.0	v=111111
207	1270.7	1964.3	0.0	v=111111
216	1270.5	2004.3	0.0	v=111111
225	1270.3	2044.3	0.0	v=111111
234	1270.2	2084.3	0.0	v=111111
243	1270.0	2124.3	0.0	v=111111
252	1269.9	2164.3	0.0	v=111111
275	685.0	1820.5	0.0	v=111111
284	683.4	1860.4	0.0	v=111111
293	681.7	1900.3	0.0	v=111111
302	680.1	1940.3	0.0	v=111111
311	678.5	1980.2	0.0	v=111111
320	676.8	2020.1	0.0	v=111111
329	675.2	2060.0	0.0	v=111111
338	673.5	2100.0	0.0	v=111111
347	671.9	2139.9	0.0	v=111111
371	-74.7	1505.1	0.0	v=111111
380	-76.9	1472.3	0.0	v=111111
389	-79.2	1439.6	0.0	v=111111
398	-81.5	1406.9	0.0	v=111111
407	-83.8	1374.2	0.0	v=111111
416	-86.1	1341.4	0.0	v=111111
425	-88.4	1308.7	0.0	v=111111
434	-90.7	1276.0	0.0	v=111111
443	-93.0	1243.2	0.0	v=111111
492	-137.2	610.6	0.0	v=111111
495	-141.2	552.8	0.0	v=111111
497	-145.3	495.1	0.0	v=111111
499	-149.3	437.4	0.0	v=111111
501	-153.3	379.7	0.0	v=111111
503	-157.4	322.0	0.0	v=111111
505	-161.4	264.3	0.0	v=111111
602	2005.0	400.6	0.0	v=111111
611	1992.4	446.2	0.0	v=111111
620	1979.8	491.7	0.0	v=111111
629	1967.2	537.3	0.0	v=111111
638	1954.5	582.8	0.0	v=111111
647	1941.9	628.4	0.0	v=111111
656	1929.3	673.9	0.0	v=111111
665	1916.7	719.5	0.0	v=111111
674	1904.1	765.0	0.0	v=111111
691	566.1	1240.0	0.0	v=111111
701	613.5	1242.0	0.0	v=111111
711	661.0	1244.0	0.0	v=111111
727	1345.2	1237.7	0.0	v=111111
736	1380.4	1239.2	0.0	v=111111
745	1415.6	1240.7	0.0	v=111111
754	1450.9	1242.1	0.0	v=111111
763	1486.1	1243.6	0.0	v=111111
772	1521.3	1245.0	0.0	v=111111

781	1556.6	1246.5	0.0	v=111111
790	1591.8	1248.0	0.0	v=111111
799	1627.1	1249.4	0.0	v=111111
808	1662.3	1250.9	0.0	v=111111
817	1697.5	1252.3	0.0	v=111111
826	1732.8	1253.8	0.0	v=111111
835	1768.0	1255.3	0.0	v=111111
844	1803.2	1256.7	0.0	v=111111
853	1838.5	1258.2	0.0	v=111111
1932	688.3	1740.6	0.0	v=111111
1941	1274.7	1234.8	0.0	v=111111



14\_MOD\_NUMERAZIONE\_NODI

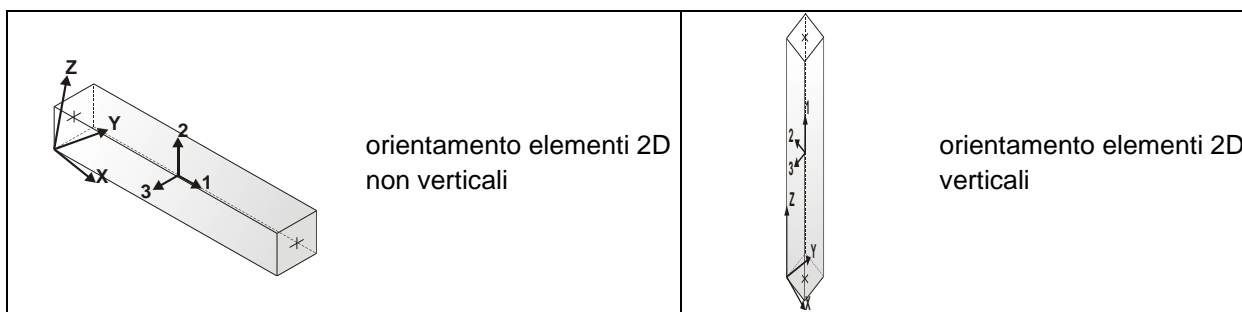
# MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

## TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.

Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



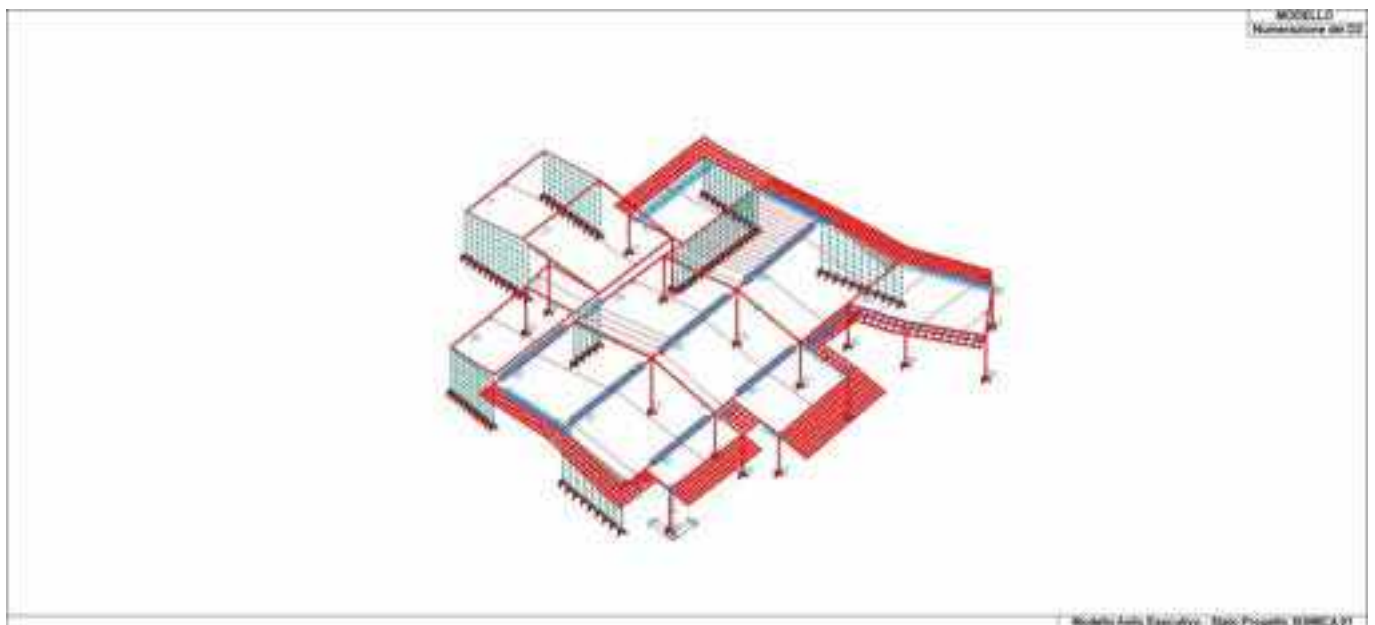
In particolare per ogni elemento viene indicato in tabella:

<b>Elem.</b>	numero dell'elemento
<b>Note</b>	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa,
<b>Nodo I (J)</b>	numero del nodo iniziale (finale)
<b>Mat.</b>	codice del materiale assegnato all'elemento
<b>Sez.</b>	codice della sezione assegnata all'elemento
<b>Rotaz.</b>	valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo
<b>Svincolo I (J)</b>	codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva)
<b>Wink V</b>	costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico
<b>Wink O</b>	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

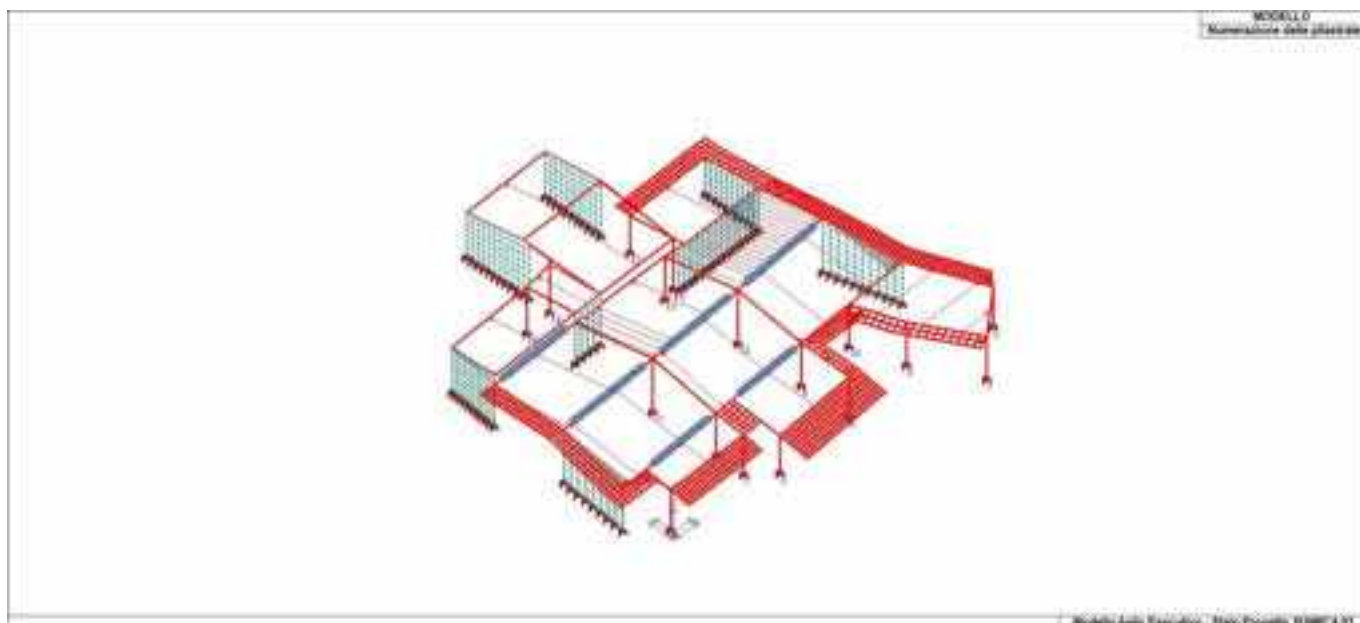
Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Trave	1858	1895	159	8	4					
2	Trave	1895	1859	159	8	4					
3	Trave	1774	1775	159	8	4					
4	Trave	1859	1894	159	8	4					
5	Pilas.	9	10	159	2	4	10.00				
6	Trave	1863	1864	159	7	4					
7	Trave	20	15	159	14	4					
8	Trave	1776	1777	159	8	4					
9	Trave	1778	60	159	8	4					
10	Pilas.	19	20	159	1	4	10.00				
11	Trave	1864	1865	159	7	4					
12	Pilas.	23	24	159	1	4	10.00				
13	Pilas.	25	26	159	1	4	10.00				
14	Trave	1865	1866	159	7	4					
15	Trave	1779	1780	159	8	4					
16	Trave	16	13	159	14	4					
17	Trave	1785	58	159	8	4					
18	Trave	1860	1893	159	8	4					
19	Trave	1898	1856	159	8	4					
20	Trave	487	13	159	8	4					
21	Pilas.	41	42	159	1	4	10.00				
22	Pilas.	43	44	159	1	4	10.00				
23	Trave	473	475	159	8	4					
24	Pilas.	47	48	159	5	4	10.00				
25	Pilas.	49	50	159	5	4	10.00				
26	Pilas.	51	52	159	5	4	10.00				
27	Pilas.	53	54	159	5	4	10.00				
28	Pilas.	55	56	159	5	4	10.00				
29	Pilas.	57	58	159	5	4	10.00				
30	Pilas.	59	60	159	1	4	10.00				
31	Pilas.	61	62	159	1	4	10.00				
32	Trave	22	24	159	6	4					
33	Trave	24	26	159	6	4					
34	Trave	26	28	159	6	4					
35	Trave	475	487	159	8	4					
36	Trave	22	1294	159	7	4					
37	Trave	6	8	159	13	4					
38	Trave	1894	1860	159	8	4					
39	Trave	1866	1867	159	7	4					
40	Trave	36	914	159	7	4					
41	Trave	1777	1778	159	8	4					
42	Trave	46	1091	159	7	4					
43	Trave	64	1942	159	7	4					
44	Trave	26	44	159	7	4					
45	Trave	44	1861	159	7	4					
46	Trave	31	24	159	7	4					
47	Trave	42	24	159	7	4					
48	Pilas.	63	64	159	1	4	10.00				
49	Trave	64	26	159	7	4					
50	Trave	18	20	159	8	4					
51	Trave	1770	1771	159	8	4					
52	Trave	56	46	159	8	4					
53	Trave	44	1878	159	8	4					
54	Trave	1780	1781	159	8	4					
55	Trave	60	62	159	9	4					
56	Trave	1893	56	159	8	4					
57	Trave	56	1779	159	8	4					
58	Trave	58	1770	159	8	4					
59	Trave	1782	1783	159	8	4					
60	Trave	42	1700	159	8	4					
61	Trave	67	44	159	8	4					
62	Pilas.	68	69	159	1	4	10.00				
63	Trave	69	66	159	7	4					
64	Trave	69	1210	159	8	4					
65	Trave	1783	1784	159	8	4					
66	Trave	48	1404	159	8	4					
67	Trave	33	42	159	8	4					
68	Trave	1775	1776	159	8	4					
69	Trave	1854	1899	159	8	4					
70	Trave	10	8	159	14	4					
71	Trave	2	4	159	7	4					
72	Trave	1899	1855	159	8	4					

73	Trave	20	32	159	8	4	
74	Trave	1771	1772	159	8	4	
75	Trave	1861	1862	159	7	4	
76	Trave	17	15	159	8	4	
77	Trave	15	473	159	8	4	
78	Trave	13	10	159	7	4	
79	Pilas.	32	16	159	1	4	10.00
80	Pilas.	34	32	159	1	4	10.00
81	Trave	490	64	159	7	4	
82	Trave	30	31	159	7	4	
83	Trave	1867	52	159	7	4	
84	Trave	1784	1785	159	8	4	
85	Trave	1862	1863	159	7	4	
86	Trave	1772	1773	159	8	4	
87	Trave	1855	1898	159	8	4	
88	Trave	1773	1774	159	8	4	
89	Trave	1897	1857	159	8	4	
90	Trave	1856	1897	159	8	4	
91	Trave	1681	1682	159	8	4	
92	Trave	1682	1698	159	8	4	
93	Trave	1857	1896	159	8	4	
94	Trave	1698	1699	159	8	4	
95	Trave	1699	54	159	8	4	
96	Trave	1700	1701	159	8	4	
97	Trave	1701	1702	159	8	4	
98	Trave	1702	67	159	8	4	
99	Trave	1896	1858	159	8	4	
100	Trave	1878	1854	159	8	4	
101	Trave	1781	1782	159	8	4	
102	Trave	1934	16	159	14	4	
103	Trave	887	913	159	7	4	
104	Trave	888	912	159	7	4	
105	Trave	889	911	159	7	4	
106	Trave	890	910	159	7	4	
107	Trave	891	909	159	7	4	
108	Trave	892	908	159	7	4	
109	Trave	893	907	159	7	4	
110	Trave	894	906	159	7	4	
111	Trave	895	905	159	7	4	
112	Trave	1061	1090	159	7	4	
113	Trave	1062	1089	159	7	4	
114	Trave	1063	1088	159	7	4	
115	Trave	1064	1087	159	7	4	
116	Trave	1065	1086	159	7	4	
117	Trave	1066	1085	159	7	4	
118	Trave	1067	1084	159	7	4	
119	Trave	1068	1083	159	7	4	
120	Trave	1069	1082	159	7	4	
121	Trave	1156	1209	159	8	4	
122	Trave	1157	1208	159	8	4	
123	Trave	1158	1207	159	8	4	
124	Trave	1159	1206	159	8	4	
125	Trave	1160	1205	159	8	4	
126	Trave	1161	1204	159	8	4	
127	Trave	1162	1203	159	8	4	
128	Trave	1163	1202	159	8	4	
129	Trave	1164	1201	159	8	4	
130	Trave	1165	1200	159	8	4	
131	Trave	1166	1199	159	8	4	
132	Trave	1263	1293	159	7	4	
133	Trave	1264	1292	159	7	4	
134	Trave	1265	1291	159	7	4	
135	Trave	1266	1290	159	7	4	
136	Trave	1267	1289	159	7	4	
137	Trave	1268	1288	159	7	4	
138	Trave	1269	1287	159	7	4	
139	Trave	1270	1286	159	7	4	
140	Trave	1271	1285	159	7	4	
141	Trave	1294	1263	159	7	4	
142	Trave	914	887	159	7	4	
143	Trave	1091	1061	159	7	4	
144	Trave	1210	1156	159	8	4	
145	Trave	913	888	159	7	4	
146	Trave	912	889	159	7	4	
147	Trave	911	890	159	7	4	
148	Trave	910	891	159	7	4	
149	Trave	909	892	159	7	4	

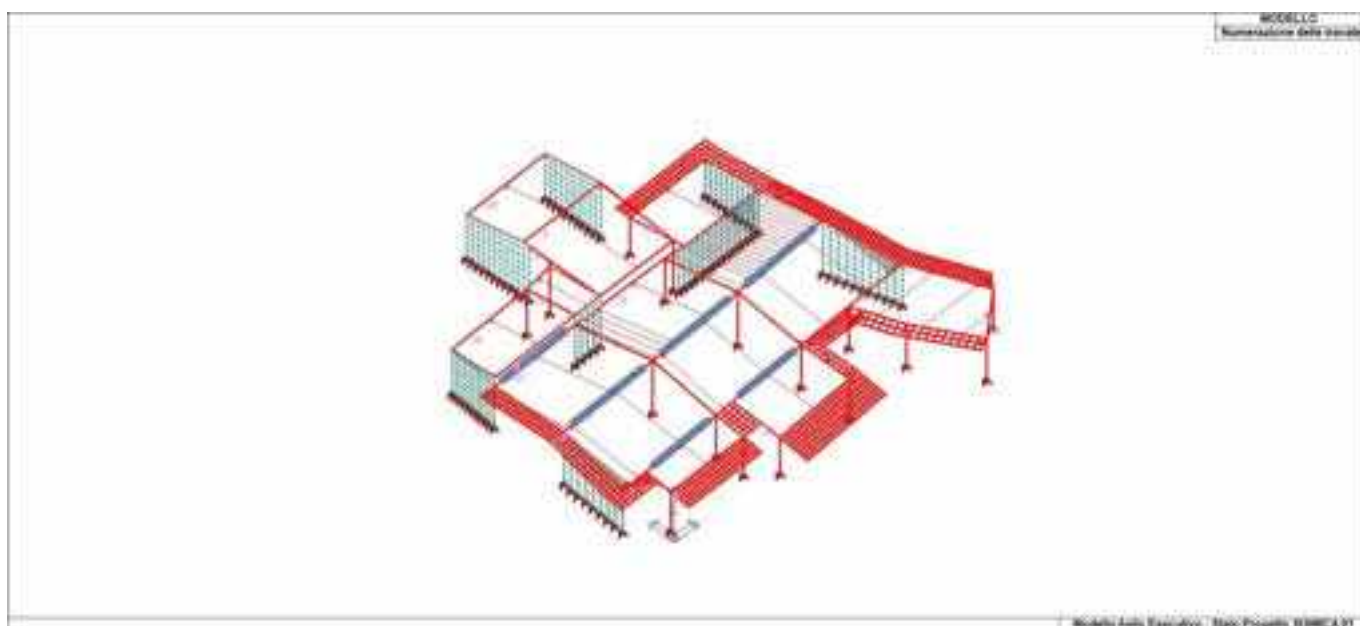
150	Trave	908	893	159	7	4
151	Trave	907	894	159	7	4
152	Trave	906	895	159	7	4
153	Trave	905	28	159	7	4
154	Trave	1090	1062	159	7	4
155	Trave	1089	1063	159	7	4
156	Trave	1088	1064	159	7	4
157	Trave	1087	1065	159	7	4
158	Trave	1086	1066	159	7	4
159	Trave	1085	1067	159	7	4
160	Trave	1084	1068	159	7	4
161	Trave	1083	1069	159	7	4
162	Trave	1082	62	159	7	4
163	Trave	1209	1157	159	8	4
164	Trave	1208	1158	159	8	4
165	Trave	1207	1159	159	8	4
166	Trave	1206	1160	159	8	4
167	Trave	1205	1161	159	8	4
168	Trave	1204	1162	159	8	4
169	Trave	1203	1163	159	8	4
170	Trave	1202	1164	159	8	4
171	Trave	1201	1165	159	8	4
172	Trave	1200	1166	159	8	4
173	Trave	1199	38	159	8	4
174	Trave	1293	1264	159	7	4
175	Trave	1292	1265	159	7	4
176	Trave	1291	1266	159	7	4
177	Trave	1290	1267	159	7	4
178	Trave	1289	1268	159	7	4
179	Trave	1288	1269	159	7	4
180	Trave	1287	1270	159	7	4
181	Trave	1286	1271	159	7	4
182	Trave	1285	30	159	7	4
183	Trave	1404	1405	159	8	4
184	Trave	40	33	159	8	4



15\_MOD\_NUMERAZIONE\_D2



15\_MOD\_NUMERAZIONE\_D2\_PILASTRATE



15\_MOD\_NUMERAZIONE\_D2\_TRAVATE

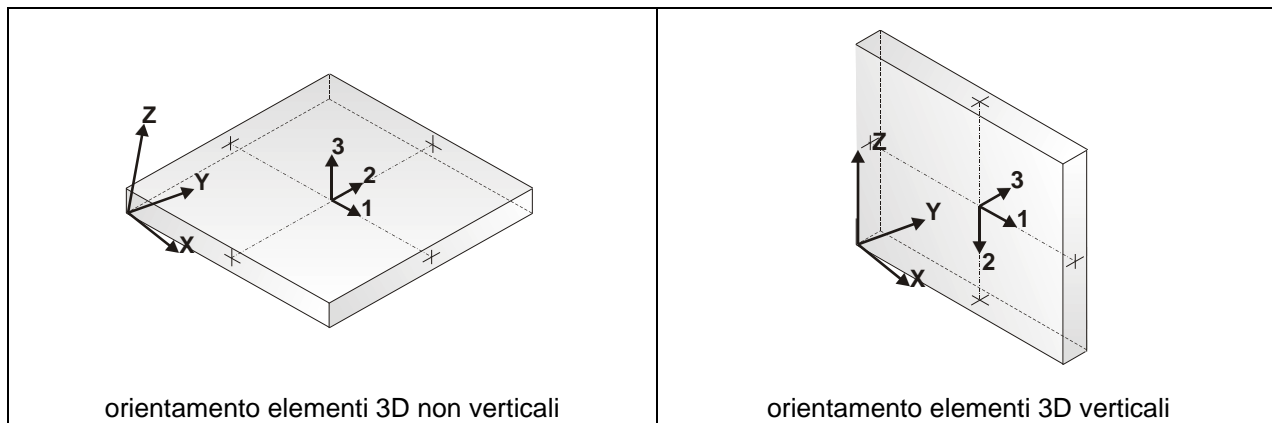
# MODELLAZIONE STRUTTURA: ELEMENTI SHELL

## LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.

Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



In particolare per ogni elemento viene indicato in tabella:

<b>Elem.</b>	numero dell'elemento
<b>Note</b>	codice di comportamento: <i>Guscio</i> (elemento guscio in elevazione non verticale) <i>Guscio fond.</i> (elemento guscio su suolo elastico) <i>Setto</i> (elemento guscio in elevazione verticale) <i>Membrana</i> (elemento guscio con comportamento membranale)
<b>Nodo I (J, K, L)</b>	numero del nodo I (J, K, L)
<b>Mat.</b>	codice del materiale assegnato all'elemento
<b>Spessore</b>	spessore dell'elemento (costante)
<b>Wink V</b>	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico verticale
<b>Wink O</b>	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Crit.	Spessore cm	Svincolo	Wink V daN/cm3	Wink O daN/cm3
1	Setto	72	36	70	71	1	1	20.0			
2	Setto	71	70	73	74	1	1	20.0			
3	Setto	74	73	75	76	1	1	20.0			
4	Setto	76	75	77	78	1	1	20.0			
5	Setto	78	77	79	80	1	1	20.0			
6	Setto	80	79	81	82	1	1	20.0			
7	Setto	82	81	83	84	1	1	20.0			
8	Setto	84	83	35	85	1	1	20.0			
9	Setto	87	72	71	86	1	1	20.0			
10	Setto	86	71	74	88	1	1	20.0			
11	Setto	88	74	76	89	1	1	20.0			
12	Setto	89	76	78	90	1	1	20.0			
13	Setto	90	78	80	91	1	1	20.0			
14	Setto	91	80	82	92	1	1	20.0			
15	Setto	92	82	84	93	1	1	20.0			
16	Setto	93	84	85	94	1	1	20.0			
17	Setto	96	87	86	95	1	1	20.0			
18	Setto	95	86	88	97	1	1	20.0			
19	Setto	97	88	89	98	1	1	20.0			
20	Setto	98	89	90	99	1	1	20.0			
21	Setto	99	90	91	100	1	1	20.0			
22	Setto	100	91	92	101	1	1	20.0			
23	Setto	101	92	93	102	1	1	20.0			
24	Setto	102	93	94	103	1	1	20.0			
25	Setto	105	96	95	104	1	1	20.0			
26	Setto	104	95	97	106	1	1	20.0			
27	Setto	106	97	98	107	1	1	20.0			
28	Setto	107	98	99	108	1	1	20.0			
29	Setto	108	99	100	109	1	1	20.0			
30	Setto	109	100	101	110	1	1	20.0			
31	Setto	110	101	102	111	1	1	20.0			
32	Setto	111	102	103	112	1	1	20.0			
33	Setto	114	105	104	113	1	1	20.0			
34	Setto	113	104	106	115	1	1	20.0			
35	Setto	115	106	107	116	1	1	20.0			
36	Setto	116	107	108	117	1	1	20.0			
37	Setto	117	108	109	118	1	1	20.0			
38	Setto	118	109	110	119	1	1	20.0			
39	Setto	119	110	111	120	1	1	20.0			
40	Setto	120	111	112	121	1	1	20.0			
41	Setto	123	114	113	122	1	1	20.0			
42	Setto	122	113	115	124	1	1	20.0			
43	Setto	124	115	116	125	1	1	20.0			
44	Setto	125	116	117	126	1	1	20.0			
45	Setto	126	117	118	127	1	1	20.0			
46	Setto	127	118	119	128	1	1	20.0			
47	Setto	128	119	120	129	1	1	20.0			
48	Setto	129	120	121	130	1	1	20.0			
49	Setto	132	123	122	131	1	1	20.0			
50	Setto	131	122	124	133	1	1	20.0			
51	Setto	133	124	125	134	1	1	20.0			
52	Setto	134	125	126	135	1	1	20.0			
53	Setto	135	126	127	136	1	1	20.0			
54	Setto	136	127	128	137	1	1	20.0			
55	Setto	137	128	129	138	1	1	20.0			
56	Setto	138	129	130	139	1	1	20.0			
57	Setto	141	132	131	140	1	1	20.0			
58	Setto	140	131	133	142	1	1	20.0			
59	Setto	142	133	134	143	1	1	20.0			
60	Setto	143	134	135	144	1	1	20.0			
61	Setto	144	135	136	145	1	1	20.0			
62	Setto	145	136	137	146	1	1	20.0			
63	Setto	146	137	138	147	1	1	20.0			
64	Setto	147	138	139	148	1	1	20.0			
65	Setto	150	141	140	149	1	1	20.0			
66	Setto	149	140	142	151	1	1	20.0			
67	Setto	151	142	143	152	1	1	20.0			
68	Setto	152	143	144	153	1	1	20.0			
69	Setto	153	144	145	154	1	1	20.0			
70	Setto	154	145	146	155	1	1	20.0			
71	Setto	155	146	147	156	1	1	20.0			
72	Setto	156	147	148	157	1	1	20.0			

73	Setto	38	150	149	158	1	1	20.0
74	Setto	158	149	151	159	1	1	20.0
75	Setto	159	151	152	160	1	1	20.0
76	Setto	160	152	153	161	1	1	20.0
77	Setto	161	153	154	162	1	1	20.0
78	Setto	162	154	155	163	1	1	20.0
79	Setto	163	155	156	164	1	1	20.0
80	Setto	164	156	157	37	1	1	20.0
81	Setto	167	8	165	166	1	1	20.0
82	Setto	166	165	168	169	1	1	20.0
83	Setto	169	168	170	171	1	1	20.0
84	Setto	171	170	172	173	1	1	20.0
85	Setto	173	172	174	175	1	1	20.0
86	Setto	175	174	176	177	1	1	20.0
87	Setto	177	176	178	179	1	1	20.0
88	Setto	179	178	7	180	1	1	20.0
89	Setto	182	167	166	181	1	1	20.0
90	Setto	181	166	169	183	1	1	20.0
91	Setto	183	169	171	184	1	1	20.0
92	Setto	184	171	173	185	1	1	20.0
93	Setto	185	173	175	186	1	1	20.0
94	Setto	186	175	177	187	1	1	20.0
95	Setto	187	177	179	188	1	1	20.0
96	Setto	188	179	180	189	1	1	20.0
97	Setto	191	182	181	190	1	1	20.0
98	Setto	190	181	183	192	1	1	20.0
99	Setto	192	183	184	193	1	1	20.0
100	Setto	193	184	185	194	1	1	20.0
101	Setto	194	185	186	195	1	1	20.0
102	Setto	195	186	187	196	1	1	20.0
103	Setto	196	187	188	197	1	1	20.0
104	Setto	197	188	189	198	1	1	20.0
105	Setto	200	191	190	199	1	1	20.0
106	Setto	199	190	192	201	1	1	20.0
107	Setto	201	192	193	202	1	1	20.0
108	Setto	202	193	194	203	1	1	20.0
109	Setto	203	194	195	204	1	1	20.0
110	Setto	204	195	196	205	1	1	20.0
111	Setto	205	196	197	206	1	1	20.0
112	Setto	206	197	198	207	1	1	20.0
113	Setto	209	200	199	208	1	1	20.0
114	Setto	208	199	201	210	1	1	20.0
115	Setto	210	201	202	211	1	1	20.0
116	Setto	211	202	203	212	1	1	20.0
117	Setto	212	203	204	213	1	1	20.0
118	Setto	213	204	205	214	1	1	20.0
119	Setto	214	205	206	215	1	1	20.0
120	Setto	215	206	207	216	1	1	20.0
121	Setto	218	209	208	217	1	1	20.0
122	Setto	217	208	210	219	1	1	20.0
123	Setto	219	210	211	220	1	1	20.0
124	Setto	220	211	212	221	1	1	20.0
125	Setto	221	212	213	222	1	1	20.0
126	Setto	222	213	214	223	1	1	20.0
127	Setto	223	214	215	224	1	1	20.0
128	Setto	224	215	216	225	1	1	20.0
129	Setto	227	218	217	226	1	1	20.0
130	Setto	226	217	219	228	1	1	20.0
131	Setto	228	219	220	229	1	1	20.0
132	Setto	229	220	221	230	1	1	20.0
133	Setto	230	221	222	231	1	1	20.0
134	Setto	231	222	223	232	1	1	20.0
135	Setto	232	223	224	233	1	1	20.0
136	Setto	233	224	225	234	1	1	20.0
137	Setto	236	227	226	235	1	1	20.0
138	Setto	235	226	228	237	1	1	20.0
139	Setto	237	228	229	238	1	1	20.0
140	Setto	238	229	230	239	1	1	20.0
141	Setto	239	230	231	240	1	1	20.0
142	Setto	240	231	232	241	1	1	20.0
143	Setto	241	232	233	242	1	1	20.0
144	Setto	242	233	234	243	1	1	20.0
145	Setto	245	236	235	244	1	1	20.0
146	Setto	244	235	237	246	1	1	20.0
147	Setto	246	237	238	247	1	1	20.0
148	Setto	247	238	239	248	1	1	20.0
149	Setto	248	239	240	249	1	1	20.0

150	Setto	249	240	241	250	1	1	20.0
151	Setto	250	241	242	251	1	1	20.0
152	Setto	251	242	243	252	1	1	20.0
153	Setto	4	245	244	253	1	1	20.0
154	Setto	253	244	246	254	1	1	20.0
155	Setto	254	246	247	255	1	1	20.0
156	Setto	255	247	248	256	1	1	20.0
157	Setto	256	248	249	257	1	1	20.0
158	Setto	257	249	250	258	1	1	20.0
159	Setto	258	250	251	259	1	1	20.0
160	Setto	259	251	252	3	1	1	20.0
161	Setto	262	6	260	261	1	5	20.0
162	Setto	261	260	263	264	1	5	20.0
163	Setto	264	263	265	266	1	5	20.0
164	Setto	266	265	267	268	1	5	20.0
165	Setto	268	267	269	270	1	5	20.0
166	Setto	270	269	271	272	1	5	20.0
167	Setto	272	271	273	274	1	5	20.0
168	Setto	274	273	5	275	1	5	20.0
169	Setto	277	262	261	276	1	5	20.0
170	Setto	276	261	264	278	1	5	20.0
171	Setto	278	264	266	279	1	5	20.0
172	Setto	279	266	268	280	1	5	20.0
173	Setto	280	268	270	281	1	5	20.0
174	Setto	281	270	272	282	1	5	20.0
175	Setto	282	272	274	283	1	5	20.0
176	Setto	283	274	275	284	1	5	20.0
177	Setto	286	277	276	285	1	5	20.0
178	Setto	285	276	278	287	1	5	20.0
179	Setto	287	278	279	288	1	5	20.0
180	Setto	288	279	280	289	1	5	20.0
181	Setto	289	280	281	290	1	5	20.0
182	Setto	290	281	282	291	1	5	20.0
183	Setto	291	282	283	292	1	5	20.0
184	Setto	292	283	284	293	1	5	20.0
185	Setto	295	286	285	294	1	5	20.0
186	Setto	294	285	287	296	1	5	20.0
187	Setto	296	287	288	297	1	5	20.0
188	Setto	297	288	289	298	1	5	20.0
189	Setto	298	289	290	299	1	5	20.0
190	Setto	299	290	291	300	1	5	20.0
191	Setto	300	291	292	301	1	5	20.0
192	Setto	301	292	293	302	1	5	20.0
193	Setto	304	295	294	303	1	5	20.0
194	Setto	303	294	296	305	1	5	20.0
195	Setto	305	296	297	306	1	5	20.0
196	Setto	306	297	298	307	1	5	20.0
197	Setto	307	298	299	308	1	5	20.0
198	Setto	308	299	300	309	1	5	20.0
199	Setto	309	300	301	310	1	5	20.0
200	Setto	310	301	302	311	1	5	20.0
201	Setto	313	304	303	312	1	5	20.0
202	Setto	312	303	305	314	1	5	20.0
203	Setto	314	305	306	315	1	5	20.0
204	Setto	315	306	307	316	1	5	20.0
205	Setto	316	307	308	317	1	5	20.0
206	Setto	317	308	309	318	1	5	20.0
207	Setto	318	309	310	319	1	5	20.0
208	Setto	319	310	311	320	1	5	20.0
209	Setto	322	313	312	321	1	5	20.0
210	Setto	321	312	314	323	1	5	20.0
211	Setto	323	314	315	324	1	5	20.0
212	Setto	324	315	316	325	1	5	20.0
213	Setto	325	316	317	326	1	5	20.0
214	Setto	326	317	318	327	1	5	20.0
215	Setto	327	318	319	328	1	5	20.0
216	Setto	328	319	320	329	1	5	20.0
217	Setto	331	322	321	330	1	5	20.0
218	Setto	330	321	323	332	1	5	20.0
219	Setto	332	323	324	333	1	5	20.0
220	Setto	333	324	325	334	1	5	20.0
221	Setto	334	325	326	335	1	5	20.0
222	Setto	335	326	327	336	1	5	20.0
223	Setto	336	327	328	337	1	5	20.0
224	Setto	337	328	329	338	1	5	20.0
225	Setto	340	331	330	339	1	5	20.0
226	Setto	339	330	332	341	1	5	20.0

227	Setto	341	332	333	342	1	5	20.0
228	Setto	342	333	334	343	1	5	20.0
229	Setto	343	334	335	344	1	5	20.0
230	Setto	344	335	336	345	1	5	20.0
231	Setto	345	336	337	346	1	5	20.0
232	Setto	346	337	338	347	1	5	20.0
233	Setto	2	340	339	348	1	5	20.0
234	Setto	348	339	341	349	1	5	20.0
235	Setto	349	341	342	350	1	5	20.0
236	Setto	350	342	343	351	1	5	20.0
237	Setto	351	343	344	352	1	5	20.0
238	Setto	352	344	345	353	1	5	20.0
239	Setto	353	345	346	354	1	5	20.0
240	Setto	354	346	347	1	1	5	20.0
241	Setto	358	355	356	357	1	1	20.0
242	Setto	357	356	359	360	1	1	20.0
243	Setto	360	359	361	362	1	1	20.0
244	Setto	362	361	363	364	1	1	20.0
245	Setto	364	363	365	366	1	1	20.0
246	Setto	366	365	367	368	1	1	20.0
247	Setto	368	367	369	370	1	1	20.0
248	Setto	370	369	11	371	1	1	20.0
249	Setto	373	358	357	372	1	1	20.0
250	Setto	372	357	360	374	1	1	20.0
251	Setto	374	360	362	375	1	1	20.0
252	Setto	375	362	364	376	1	1	20.0
253	Setto	376	364	366	377	1	1	20.0
254	Setto	377	366	368	378	1	1	20.0
255	Setto	378	368	370	379	1	1	20.0
256	Setto	379	370	371	380	1	1	20.0
257	Setto	382	373	372	381	1	1	20.0
258	Setto	381	372	374	383	1	1	20.0
259	Setto	383	374	375	384	1	1	20.0
260	Setto	384	375	376	385	1	1	20.0
261	Setto	385	376	377	386	1	1	20.0
262	Setto	386	377	378	387	1	1	20.0
263	Setto	387	378	379	388	1	1	20.0
264	Setto	388	379	380	389	1	1	20.0
265	Setto	391	382	381	390	1	1	20.0
266	Setto	390	381	383	392	1	1	20.0
267	Setto	392	383	384	393	1	1	20.0
268	Setto	393	384	385	394	1	1	20.0
269	Setto	394	385	386	395	1	1	20.0
270	Setto	395	386	387	396	1	1	20.0
271	Setto	396	387	388	397	1	1	20.0
272	Setto	397	388	389	398	1	1	20.0
273	Setto	400	391	390	399	1	1	20.0
274	Setto	399	390	392	401	1	1	20.0
275	Setto	401	392	393	402	1	1	20.0
276	Setto	402	393	394	403	1	1	20.0
277	Setto	403	394	395	404	1	1	20.0
278	Setto	404	395	396	405	1	1	20.0
279	Setto	405	396	397	406	1	1	20.0
280	Setto	406	397	398	407	1	1	20.0
281	Setto	409	400	399	408	1	1	20.0
282	Setto	408	399	401	410	1	1	20.0
283	Setto	410	401	402	411	1	1	20.0
284	Setto	411	402	403	412	1	1	20.0
285	Setto	412	403	404	413	1	1	20.0
286	Setto	413	404	405	414	1	1	20.0
287	Setto	414	405	406	415	1	1	20.0
288	Setto	415	406	407	416	1	1	20.0
289	Setto	418	409	408	417	1	1	20.0
290	Setto	417	408	410	419	1	1	20.0
291	Setto	419	410	411	420	1	1	20.0
292	Setto	420	411	412	421	1	1	20.0
293	Setto	421	412	413	422	1	1	20.0
294	Setto	422	413	414	423	1	1	20.0
295	Setto	423	414	415	424	1	1	20.0
296	Setto	424	415	416	425	1	1	20.0
297	Setto	427	418	417	426	1	1	20.0
298	Setto	426	417	419	428	1	1	20.0
299	Setto	428	419	420	429	1	1	20.0
300	Setto	429	420	421	430	1	1	20.0
301	Setto	430	421	422	431	1	1	20.0
302	Setto	431	422	423	432	1	1	20.0
303	Setto	432	423	424	433	1	1	20.0

304	Setto	433	424	425	434	1	1	20.0
305	Setto	436	427	426	435	1	1	20.0
306	Setto	435	426	428	437	1	1	20.0
307	Setto	437	428	429	438	1	1	20.0
308	Setto	438	429	430	439	1	1	20.0
309	Setto	439	430	431	440	1	1	20.0
310	Setto	440	431	432	441	1	1	20.0
311	Setto	441	432	433	442	1	1	20.0
312	Setto	442	433	434	443	1	1	20.0
313	Setto	30	436	435	444	1	1	20.0
314	Setto	444	435	437	445	1	1	20.0
315	Setto	445	437	438	446	1	1	20.0
316	Setto	446	438	439	447	1	1	20.0
317	Setto	447	439	440	448	1	1	20.0
318	Setto	448	440	441	449	1	1	20.0
319	Setto	449	441	442	450	1	1	20.0
320	Setto	450	442	443	29	1	1	20.0
321	Setto	453	451	355	358	1	1	20.0
322	Setto	454	453	358	373	1	1	20.0
323	Setto	455	454	373	382	1	1	20.0
324	Setto	456	455	382	391	1	1	20.0
325	Setto	457	456	391	400	1	1	20.0
326	Setto	458	457	400	409	1	1	20.0
327	Setto	459	458	409	418	1	1	20.0
328	Setto	460	459	418	427	1	1	20.0
329	Setto	461	460	427	436	1	1	20.0
330	Setto	452	461	436	30	1	1	20.0
331	Setto	462	18	451	453	1	1	20.0
332	Setto	463	462	453	454	1	1	20.0
333	Setto	464	463	454	455	1	1	20.0
334	Setto	465	464	455	456	1	1	20.0
335	Setto	466	465	456	457	1	1	20.0
336	Setto	467	466	457	458	1	1	20.0
337	Setto	468	467	458	459	1	1	20.0
338	Setto	469	468	459	460	1	1	20.0
339	Setto	470	469	460	461	1	1	20.0
340	Setto	17	470	461	452	1	1	20.0
341	Setto	493	494	21	492	1	1	20.0
342	Setto	496	493	492	495	1	1	20.0
343	Setto	498	496	495	497	1	1	20.0
344	Setto	500	498	497	499	1	1	20.0
345	Setto	502	500	499	501	1	1	20.0
346	Setto	504	502	501	503	1	1	20.0
347	Setto	506	504	503	505	1	1	20.0
348	Setto	507	506	505	39	1	1	20.0
349	Setto	508	509	494	493	1	1	20.0
350	Setto	510	508	493	496	1	1	20.0
351	Setto	511	510	496	498	1	1	20.0
352	Setto	512	511	498	500	1	1	20.0
353	Setto	513	512	500	502	1	1	20.0
354	Setto	514	513	502	504	1	1	20.0
355	Setto	515	514	504	506	1	1	20.0
356	Setto	516	515	506	507	1	1	20.0
357	Setto	517	518	509	508	1	1	20.0
358	Setto	519	517	508	510	1	1	20.0
359	Setto	520	519	510	511	1	1	20.0
360	Setto	521	520	511	512	1	1	20.0
361	Setto	522	521	512	513	1	1	20.0
362	Setto	523	522	513	514	1	1	20.0
363	Setto	524	523	514	515	1	1	20.0
364	Setto	525	524	515	516	1	1	20.0
365	Setto	526	527	518	517	1	1	20.0
366	Setto	528	526	517	519	1	1	20.0
367	Setto	529	528	519	520	1	1	20.0
368	Setto	530	529	520	521	1	1	20.0
369	Setto	531	530	521	522	1	1	20.0
370	Setto	532	531	522	523	1	1	20.0
371	Setto	533	532	523	524	1	1	20.0
372	Setto	534	533	524	525	1	1	20.0
373	Setto	535	536	527	526	1	1	20.0
374	Setto	537	535	526	528	1	1	20.0
375	Setto	538	537	528	529	1	1	20.0
376	Setto	539	538	529	530	1	1	20.0
377	Setto	540	539	530	531	1	1	20.0
378	Setto	541	540	531	532	1	1	20.0
379	Setto	542	541	532	533	1	1	20.0
380	Setto	543	542	533	534	1	1	20.0

381	Setto	544	545	536	535	1	1	20.0
382	Setto	546	544	535	537	1	1	20.0
383	Setto	547	546	537	538	1	1	20.0
384	Setto	548	547	538	539	1	1	20.0
385	Setto	549	548	539	540	1	1	20.0
386	Setto	550	549	540	541	1	1	20.0
387	Setto	551	550	541	542	1	1	20.0
388	Setto	552	551	542	543	1	1	20.0
389	Setto	553	554	545	544	1	1	20.0
390	Setto	555	553	544	546	1	1	20.0
391	Setto	556	555	546	547	1	1	20.0
392	Setto	557	556	547	548	1	1	20.0
393	Setto	558	557	548	549	1	1	20.0
394	Setto	559	558	549	550	1	1	20.0
395	Setto	560	559	550	551	1	1	20.0
396	Setto	561	560	551	552	1	1	20.0
397	Setto	562	563	554	553	1	1	20.0
398	Setto	564	562	553	555	1	1	20.0
399	Setto	565	564	555	556	1	1	20.0
400	Setto	566	565	556	557	1	1	20.0
401	Setto	567	566	557	558	1	1	20.0
402	Setto	568	567	558	559	1	1	20.0
403	Setto	569	568	559	560	1	1	20.0
404	Setto	570	569	560	561	1	1	20.0
405	Setto	571	572	563	562	1	1	20.0
406	Setto	573	571	562	564	1	1	20.0
407	Setto	574	573	564	565	1	1	20.0
408	Setto	575	574	565	566	1	1	20.0
409	Setto	576	575	566	567	1	1	20.0
410	Setto	577	576	567	568	1	1	20.0
411	Setto	578	577	568	569	1	1	20.0
412	Setto	579	578	569	570	1	1	20.0
413	Setto	580	1361	572	571	1	1	20.0
414	Setto	581	1362	571	573	1	1	20.0
415	Setto	582	1363	573	574	1	1	20.0
416	Setto	583	1364	574	575	1	1	20.0
417	Setto	584	1365	575	576	1	1	20.0
418	Setto	585	1366	576	577	1	1	20.0
419	Setto	586	1367	577	578	1	1	20.0
420	Setto	40	1368	578	579	1	1	20.0
421	Setto	589	984	587	588	1	1	20.0
422	Setto	588	587	590	591	1	1	20.0
423	Setto	591	590	592	593	1	1	20.0
424	Setto	593	592	594	595	1	1	20.0
425	Setto	595	594	596	597	1	1	20.0
426	Setto	597	596	598	599	1	1	20.0
427	Setto	599	598	600	601	1	1	20.0
428	Setto	601	600	45	602	1	1	20.0
429	Setto	604	985	588	603	1	1	20.0
430	Setto	603	588	591	605	1	1	20.0
431	Setto	605	591	593	606	1	1	20.0
432	Setto	606	593	595	607	1	1	20.0
433	Setto	607	595	597	608	1	1	20.0
434	Setto	608	597	599	609	1	1	20.0
435	Setto	609	599	601	610	1	1	20.0
436	Setto	610	601	602	611	1	1	20.0
437	Setto	613	986	603	612	1	1	20.0
438	Setto	612	603	605	614	1	1	20.0
439	Setto	614	605	606	615	1	1	20.0
440	Setto	615	606	607	616	1	1	20.0
441	Setto	616	607	608	617	1	1	20.0
442	Setto	617	608	609	618	1	1	20.0
443	Setto	618	609	610	619	1	1	20.0
444	Setto	619	610	611	620	1	1	20.0
445	Setto	622	987	612	621	1	1	20.0
446	Setto	621	612	614	623	1	1	20.0
447	Setto	623	614	615	624	1	1	20.0
448	Setto	624	615	616	625	1	1	20.0
449	Setto	625	616	617	626	1	1	20.0
450	Setto	626	617	618	627	1	1	20.0
451	Setto	627	618	619	628	1	1	20.0
452	Setto	628	619	620	629	1	1	20.0
453	Setto	631	988	621	630	1	1	20.0
454	Setto	630	621	623	632	1	1	20.0
455	Setto	632	623	624	633	1	1	20.0
456	Setto	633	624	625	634	1	1	20.0
457	Setto	634	625	626	635	1	1	20.0

458	Setto	635	626	627	636	1	1	20.0
459	Setto	636	627	628	637	1	1	20.0
460	Setto	637	628	629	638	1	1	20.0
461	Setto	640	989	630	639	1	1	20.0
462	Setto	639	630	632	641	1	1	20.0
463	Setto	641	632	633	642	1	1	20.0
464	Setto	642	633	634	643	1	1	20.0
465	Setto	643	634	635	644	1	1	20.0
466	Setto	644	635	636	645	1	1	20.0
467	Setto	645	636	637	646	1	1	20.0
468	Setto	646	637	638	647	1	1	20.0
469	Setto	649	990	639	648	1	1	20.0
470	Setto	648	639	641	650	1	1	20.0
471	Setto	650	641	642	651	1	1	20.0
472	Setto	651	642	643	652	1	1	20.0
473	Setto	652	643	644	653	1	1	20.0
474	Setto	653	644	645	654	1	1	20.0
475	Setto	654	645	646	655	1	1	20.0
476	Setto	655	646	647	656	1	1	20.0
477	Setto	658	991	648	657	1	1	20.0
478	Setto	657	648	650	659	1	1	20.0
479	Setto	659	650	651	660	1	1	20.0
480	Setto	660	651	652	661	1	1	20.0
481	Setto	661	652	653	662	1	1	20.0
482	Setto	662	653	654	663	1	1	20.0
483	Setto	663	654	655	664	1	1	20.0
484	Setto	664	655	656	665	1	1	20.0
485	Setto	667	992	657	666	1	1	20.0
486	Setto	666	657	659	668	1	1	20.0
487	Setto	668	659	660	669	1	1	20.0
488	Setto	669	660	661	670	1	1	20.0
489	Setto	670	661	662	671	1	1	20.0
490	Setto	671	662	663	672	1	1	20.0
491	Setto	672	663	664	673	1	1	20.0
492	Setto	673	664	665	674	1	1	20.0
493	Setto	28	993	666	675	1	1	20.0
494	Setto	675	666	668	676	1	1	20.0
495	Setto	676	668	669	677	1	1	20.0
496	Setto	677	669	670	678	1	1	20.0
497	Setto	678	670	671	679	1	1	20.0
498	Setto	679	671	672	680	1	1	20.0
499	Setto	680	672	673	681	1	1	20.0
500	Setto	681	673	674	27	1	1	20.0
501	Setto	15	473	682	471	1	1	20.0
502	Setto	31	682	683	474	1	1	20.0
503	Setto	474	683	684	476	1	1	20.0
504	Setto	476	684	685	478	1	1	20.0
505	Setto	478	685	686	480	1	1	20.0
506	Setto	480	686	687	482	1	1	20.0
507	Setto	482	687	688	484	1	1	20.0
508	Setto	484	688	689	486	1	1	20.0
509	Setto	486	689	690	488	1	1	20.0
510	Setto	488	690	691	14	1	1	20.0
511	Setto	473	475	692	682	1	1	20.0
512	Setto	682	692	693	683	1	1	20.0
513	Setto	683	693	694	684	1	1	20.0
514	Setto	684	694	695	685	1	1	20.0
515	Setto	685	695	696	686	1	1	20.0
516	Setto	686	696	697	687	1	1	20.0
517	Setto	687	697	698	688	1	1	20.0
518	Setto	688	698	699	689	1	1	20.0
519	Setto	689	699	700	690	1	1	20.0
520	Setto	690	700	701	691	1	1	20.0
521	Setto	475	487	702	692	1	1	20.0
522	Setto	692	702	703	693	1	1	20.0
523	Setto	693	703	704	694	1	1	20.0
524	Setto	694	704	705	695	1	1	20.0
525	Setto	695	705	706	696	1	1	20.0
526	Setto	696	706	707	697	1	1	20.0
527	Setto	697	707	708	698	1	1	20.0
528	Setto	698	708	709	699	1	1	20.0
529	Setto	699	709	710	700	1	1	20.0
530	Setto	700	710	711	701	1	1	20.0
531	Setto	487	13	483	702	1	1	20.0
532	Setto	702	483	490	703	1	1	20.0
533	Setto	703	490	489	704	1	1	20.0
534	Setto	704	489	485	705	1	1	20.0

535	Setto	705	485	491	706	1	1	20.0
536	Setto	706	491	472	707	1	1	20.0
537	Setto	707	472	477	708	1	1	20.0
538	Setto	708	477	479	709	1	1	20.0
539	Setto	709	479	481	710	1	1	20.0
540	Setto	710	481	12	711	1	1	20.0
541	Setto	471	682	31		1	1	20.0
542	Setto	66	714	713	712	1	1	20.0
543	Setto	712	713	716	715	1	1	20.0
544	Setto	715	716	718	717	1	1	20.0
545	Setto	717	718	720	719	1	1	20.0
546	Setto	719	720	722	721	1	1	20.0
547	Setto	721	722	724	723	1	1	20.0
548	Setto	723	724	726	725	1	1	20.0
549	Setto	725	726	727	65	1	1	20.0
550	Setto	714	729	728	713	1	1	20.0
551	Setto	713	728	730	716	1	1	20.0
552	Setto	716	730	731	718	1	1	20.0
553	Setto	718	731	732	720	1	1	20.0
554	Setto	720	732	733	722	1	1	20.0
555	Setto	722	733	734	724	1	1	20.0
556	Setto	724	734	735	726	1	1	20.0
557	Setto	726	735	736	727	1	1	20.0
558	Setto	729	738	737	728	1	1	20.0
559	Setto	728	737	739	730	1	1	20.0
560	Setto	730	739	740	731	1	1	20.0
561	Setto	731	740	741	732	1	1	20.0
562	Setto	732	741	742	733	1	1	20.0
563	Setto	733	742	743	734	1	1	20.0
564	Setto	734	743	744	735	1	1	20.0
565	Setto	735	744	745	736	1	1	20.0
566	Setto	738	747	746	737	1	1	20.0
567	Setto	737	746	748	739	1	1	20.0
568	Setto	739	748	749	740	1	1	20.0
569	Setto	740	749	750	741	1	1	20.0
570	Setto	741	750	751	742	1	1	20.0
571	Setto	742	751	752	743	1	1	20.0
572	Setto	743	752	753	744	1	1	20.0
573	Setto	744	753	754	745	1	1	20.0
574	Setto	747	756	755	746	1	1	20.0
575	Setto	746	755	757	748	1	1	20.0
576	Setto	748	757	758	749	1	1	20.0
577	Setto	749	758	759	750	1	1	20.0
578	Setto	750	759	760	751	1	1	20.0
579	Setto	751	760	761	752	1	1	20.0
580	Setto	752	761	762	753	1	1	20.0
581	Setto	753	762	763	754	1	1	20.0
582	Setto	756	765	764	755	1	1	20.0
583	Setto	755	764	766	757	1	1	20.0
584	Setto	757	766	767	758	1	1	20.0
585	Setto	758	767	768	759	1	1	20.0
586	Setto	759	768	769	760	1	1	20.0
587	Setto	760	769	770	761	1	1	20.0
588	Setto	761	770	771	762	1	1	20.0
589	Setto	762	771	772	763	1	1	20.0
590	Setto	765	774	773	764	1	1	20.0
591	Setto	764	773	775	766	1	1	20.0
592	Setto	766	775	776	767	1	1	20.0
593	Setto	767	776	777	768	1	1	20.0
594	Setto	768	777	778	769	1	1	20.0
595	Setto	769	778	779	770	1	1	20.0
596	Setto	770	779	780	771	1	1	20.0
597	Setto	771	780	781	772	1	1	20.0
598	Setto	774	783	782	773	1	1	20.0
599	Setto	773	782	784	775	1	1	20.0
600	Setto	775	784	785	776	1	1	20.0
601	Setto	776	785	786	777	1	1	20.0
602	Setto	777	786	787	778	1	1	20.0
603	Setto	778	787	788	779	1	1	20.0
604	Setto	779	788	789	780	1	1	20.0
605	Setto	780	789	790	781	1	1	20.0
606	Setto	783	792	791	782	1	1	20.0
607	Setto	782	791	793	784	1	1	20.0
608	Setto	784	793	794	785	1	1	20.0
609	Setto	785	794	795	786	1	1	20.0
610	Setto	786	795	796	787	1	1	20.0
611	Setto	787	796	797	788	1	1	20.0

612	Setto	788	797	798	789	1	1	20.0
613	Setto	789	798	799	790	1	1	20.0
614	Setto	792	801	800	791	1	1	20.0
615	Setto	791	800	802	793	1	1	20.0
616	Setto	793	802	803	794	1	1	20.0
617	Setto	794	803	804	795	1	1	20.0
618	Setto	795	804	805	796	1	1	20.0
619	Setto	796	805	806	797	1	1	20.0
620	Setto	797	806	807	798	1	1	20.0
621	Setto	798	807	808	799	1	1	20.0
622	Setto	801	810	809	800	1	1	20.0
623	Setto	800	809	811	802	1	1	20.0
624	Setto	802	811	812	803	1	1	20.0
625	Setto	803	812	813	804	1	1	20.0
626	Setto	804	813	814	805	1	1	20.0
627	Setto	805	814	815	806	1	1	20.0
628	Setto	806	815	816	807	1	1	20.0
629	Setto	807	816	817	808	1	1	20.0
630	Setto	810	819	818	809	1	1	20.0
631	Setto	809	818	820	811	1	1	20.0
632	Setto	811	820	821	812	1	1	20.0
633	Setto	812	821	822	813	1	1	20.0
634	Setto	813	822	823	814	1	1	20.0
635	Setto	814	823	824	815	1	1	20.0
636	Setto	815	824	825	816	1	1	20.0
637	Setto	816	825	826	817	1	1	20.0
638	Setto	819	828	827	818	1	1	20.0
639	Setto	818	827	829	820	1	1	20.0
640	Setto	820	829	830	821	1	1	20.0
641	Setto	821	830	831	822	1	1	20.0
642	Setto	822	831	832	823	1	1	20.0
643	Setto	823	832	833	824	1	1	20.0
644	Setto	824	833	834	825	1	1	20.0
645	Setto	825	834	835	826	1	1	20.0
646	Setto	828	837	836	827	1	1	20.0
647	Setto	827	836	838	829	1	1	20.0
648	Setto	829	838	839	830	1	1	20.0
649	Setto	830	839	840	831	1	1	20.0
650	Setto	831	840	841	832	1	1	20.0
651	Setto	832	841	842	833	1	1	20.0
652	Setto	833	842	843	834	1	1	20.0
653	Setto	834	843	844	835	1	1	20.0
654	Setto	837	846	845	836	1	1	20.0
655	Setto	836	845	847	838	1	1	20.0
656	Setto	838	847	848	839	1	1	20.0
657	Setto	839	848	849	840	1	1	20.0
658	Setto	840	849	850	841	1	1	20.0
659	Setto	841	850	851	842	1	1	20.0
660	Setto	842	851	852	843	1	1	20.0
661	Setto	843	852	853	844	1	1	20.0
662	Setto	846	36	70	845	1	1	20.0
663	Setto	845	70	73	847	1	1	20.0
664	Setto	847	73	75	848	1	1	20.0
665	Setto	848	75	77	849	1	1	20.0
666	Setto	849	77	79	850	1	1	20.0
667	Setto	850	79	81	851	1	1	20.0
668	Setto	851	81	83	852	1	1	20.0
669	Setto	852	83	35	853	1	1	20.0
670	Guscio	150	869	865	38	159	4	20.0
671	Guscio	141	870	869	150	159	4	20.0
672	Guscio	132	871	870	141	159	4	20.0
673	Guscio	123	872	871	132	159	4	20.0
674	Guscio	114	873	872	123	159	4	20.0
675	Guscio	105	874	873	114	159	4	20.0
676	Guscio	96	875	874	105	159	4	20.0
677	Guscio	87	876	875	96	159	4	20.0
678	Guscio	72	877	876	87	159	4	20.0
679	Guscio	36	868	877	72	159	4	20.0
680	Guscio	869	878	866	865	159	4	20.0
681	Guscio	870	879	878	869	159	4	20.0
682	Guscio	871	880	879	870	159	4	20.0
683	Guscio	872	881	880	871	159	4	20.0
684	Guscio	873	882	881	872	159	4	20.0
685	Guscio	874	883	882	873	159	4	20.0
686	Guscio	875	884	883	874	159	4	20.0
687	Guscio	876	885	884	875	159	4	20.0
688	Guscio	877	886	885	876	159	4	20.0

689	Guscio	868	867	886	877	159	4	20.0
690	Guscio	878	864	855	866	159	4	20.0
691	Guscio	879	863	864	878	159	4	20.0
692	Guscio	880	862	863	879	159	4	20.0
693	Guscio	881	861	862	880	159	4	20.0
694	Guscio	882	860	861	881	159	4	20.0
695	Guscio	883	859	860	882	159	4	20.0
696	Guscio	884	858	859	883	159	4	20.0
697	Guscio	885	857	858	884	159	4	20.0
698	Guscio	886	856	857	885	159	4	20.0
699	Guscio	867	854	856	886	159	4	20.0
700	Guscio	927	896	915	954	159	4	20.0
701	Guscio	940	899	918	933	159	4	20.0
702	Guscio	948	963	970	947	159	4	20.0
703	Guscio	926	925	968	956	159	4	20.0
704	Guscio	28	926	956	905	159	4	20.0
705	Guscio	968	955	936	964	159	4	20.0
706	Guscio	924	904	923	955	159	4	20.0
707	Guscio	967	964	957	943	159	4	20.0
708	Guscio	935	921	901	942	159	4	20.0
709	Guscio	891	951	952	910	159	4	20.0
710	Guscio	893	944	945	908	159	4	20.0
711	Guscio	908	945	946	892	159	4	20.0
712	Guscio	931	902	921	935	159	4	20.0
713	Guscio	929	916	896	927	159	4	20.0
714	Guscio	960	938	940	963	159	4	20.0
715	Guscio	955	923	903	936	159	4	20.0
716	Guscio	895	956	967	906	159	4	20.0
717	Guscio	933	918	898	932	159	4	20.0
718	Guscio	889	947	950	912	159	4	20.0
719	Guscio	912	950	949	888	159	4	20.0
720	Guscio	887	928	953	914	159	4	20.0
721	Guscio	953	954	867	868	159	4	20.0
722	Guscio	965	929	927	954	159	4	20.0
723	Guscio	914	953	868	36	159	4	20.0
724	Guscio	910	952	948	890	159	4	20.0
725	Guscio	928	965	954	953	159	4	20.0
726	Guscio	963	940	933	970	159	4	20.0
727	Guscio	969	930	938	960	159	4	20.0
728	Guscio	934	922	902	931	159	4	20.0
729	Guscio	932	898	917	939	159	4	20.0
730	Guscio	888	949	928	913	159	4	20.0
731	Guscio	964	936	934	957	159	4	20.0
732	Guscio	966	931	935	961	159	4	20.0
733	Guscio	937	920	900	930	159	4	20.0
734	Guscio	894	943	944	907	159	4	20.0
735	Guscio	947	970	959	950	159	4	20.0
736	Guscio	959	939	941	958	159	4	20.0
737	Guscio	946	962	969	951	159	4	20.0
738	Guscio	906	967	943	894	159	4	20.0
739	Guscio	961	935	942	962	159	4	20.0
740	Guscio	942	901	920	937	159	4	20.0
741	Guscio	930	900	919	938	159	4	20.0
742	Guscio	951	969	960	952	159	4	20.0
743	Guscio	939	917	897	941	159	4	20.0
744	Guscio	941	897	916	929	159	4	20.0
745	Guscio	970	932	939	959	159	4	20.0
746	Guscio	957	934	931	966	159	4	20.0
747	Guscio	950	959	958	949	159	4	20.0
748	Guscio	892	946	951	909	159	4	20.0
749	Guscio	949	958	965	928	159	4	20.0
750	Guscio	938	919	899	940	159	4	20.0
751	Guscio	954	915	854	867	159	4	20.0
752	Guscio	890	948	947	911	159	4	20.0
753	Guscio	925	924	955	968	159	4	20.0
754	Guscio	936	903	922	934	159	4	20.0
755	Guscio	962	942	937	969	159	4	20.0
756	Guscio	943	957	966	944	159	4	20.0
757	Guscio	958	941	929	965	159	4	20.0
758	Guscio	952	960	963	948	159	4	20.0
759	Guscio	945	961	962	946	159	4	20.0
760	Guscio	956	968	964	967	159	4	20.0
761	Guscio	944	966	961	945	159	4	20.0
762	Guscio	969	937	930		159	4	20.0
763	Guscio	970	933	932		159	4	20.0
764	Guscio	46	983	1004	984	159	4	20.0
765	Guscio	983	982	1005	1004	159	4	20.0

766	Guscio	982	981	1006	1005	159	4	20.0
767	Guscio	981	971	1003	1006	159	4	20.0
768	Guscio	984	1004	1007	589	159	4	20.0
769	Guscio	1004	1005	1008	1007	159	4	20.0
770	Guscio	1005	1006	1009	1008	159	4	20.0
771	Guscio	1006	1003	972	1009	159	4	20.0
772	Guscio	589	1007	1010	985	159	4	20.0
773	Guscio	1007	1008	1011	1010	159	4	20.0
774	Guscio	1008	1009	1012	1011	159	4	20.0
775	Guscio	1009	972	1002	1012	159	4	20.0
776	Guscio	985	1010	1013	604	159	4	20.0
777	Guscio	1010	1011	1014	1013	159	4	20.0
778	Guscio	1011	1012	1015	1014	159	4	20.0
779	Guscio	1012	1002	973	1015	159	4	20.0
780	Guscio	604	1013	1016	986	159	4	20.0
781	Guscio	1013	1014	1017	1016	159	4	20.0
782	Guscio	1014	1015	1018	1017	159	4	20.0
783	Guscio	1015	973	1001	1018	159	4	20.0
784	Guscio	986	1016	1019	613	159	4	20.0
785	Guscio	1016	1017	1020	1019	159	4	20.0
786	Guscio	1017	1018	1021	1020	159	4	20.0
787	Guscio	1018	1001	974	1021	159	4	20.0
788	Guscio	613	1019	1022	987	159	4	20.0
789	Guscio	1019	1020	1023	1022	159	4	20.0
790	Guscio	1020	1021	1024	1023	159	4	20.0
791	Guscio	1021	974	1000	1024	159	4	20.0
792	Guscio	987	1022	1025	622	159	4	20.0
793	Guscio	1022	1023	1026	1025	159	4	20.0
794	Guscio	1023	1024	1027	1026	159	4	20.0
795	Guscio	1024	1000	975	1027	159	4	20.0
796	Guscio	622	1025	1028	988	159	4	20.0
797	Guscio	1025	1026	1029	1028	159	4	20.0
798	Guscio	1026	1027	1030	1029	159	4	20.0
799	Guscio	1027	975	999	1030	159	4	20.0
800	Guscio	988	1028	1031	631	159	4	20.0
801	Guscio	1028	1029	1032	1031	159	4	20.0
802	Guscio	1029	1030	1033	1032	159	4	20.0
803	Guscio	1030	999	976	1033	159	4	20.0
804	Guscio	631	1031	1034	989	159	4	20.0
805	Guscio	1031	1032	1035	1034	159	4	20.0
806	Guscio	1032	1033	1036	1035	159	4	20.0
807	Guscio	1033	976	998	1036	159	4	20.0
808	Guscio	989	1034	1037	640	159	4	20.0
809	Guscio	1034	1035	1038	1037	159	4	20.0
810	Guscio	1035	1036	1039	1038	159	4	20.0
811	Guscio	1036	998	977	1039	159	4	20.0
812	Guscio	640	1037	1040	990	159	4	20.0
813	Guscio	1037	1038	1041	1040	159	4	20.0
814	Guscio	1038	1039	1042	1041	159	4	20.0
815	Guscio	1039	977	997	1042	159	4	20.0
816	Guscio	990	1040	1043	649	159	4	20.0
817	Guscio	1040	1041	1044	1043	159	4	20.0
818	Guscio	1041	1042	1045	1044	159	4	20.0
819	Guscio	1042	997	978	1045	159	4	20.0
820	Guscio	649	1043	1046	991	159	4	20.0
821	Guscio	1043	1044	1047	1046	159	4	20.0
822	Guscio	1044	1045	1048	1047	159	4	20.0
823	Guscio	1045	978	996	1048	159	4	20.0
824	Guscio	991	1046	1049	658	159	4	20.0
825	Guscio	1046	1047	1050	1049	159	4	20.0
826	Guscio	1047	1048	1051	1050	159	4	20.0
827	Guscio	1048	996	979	1051	159	4	20.0
828	Guscio	658	1049	1052	992	159	4	20.0
829	Guscio	1049	1050	1053	1052	159	4	20.0
830	Guscio	1050	1051	1054	1053	159	4	20.0
831	Guscio	1051	979	995	1054	159	4	20.0
832	Guscio	992	1052	1055	667	159	4	20.0
833	Guscio	1052	1053	1056	1055	159	4	20.0
834	Guscio	1053	1054	1057	1056	159	4	20.0
835	Guscio	1054	995	980	1057	159	4	20.0
836	Guscio	667	1055	1058	993	159	4	20.0
837	Guscio	1055	1056	1059	1058	159	4	20.0
838	Guscio	1056	1057	1060	1059	159	4	20.0
839	Guscio	1057	980	994	1060	159	4	20.0
840	Guscio	993	1058	926	28	159	4	20.0
841	Guscio	1058	1059	925	926	159	4	20.0
842	Guscio	1059	1060	924	925	159	4	20.0

843	Guscio	1060	994	904	924	159	4	20.0
844	Guscio	1137	1155	1101	1152	159	4	20.0
845	Guscio	1084	1129	1128	1067	159	4	20.0
846	Guscio	1091	1135	983	46	159	4	20.0
847	Guscio	1115	1070	1092	1134	159	4	20.0
848	Guscio	1135	1132	982	983	159	4	20.0
849	Guscio	1129	1150	1149	1128	159	4	20.0
850	Guscio	1150	1102	1103	1149	159	4	20.0
851	Guscio	1147	1106	1107	1141	159	4	20.0
852	Guscio	1126	1151	1147	1125	159	4	20.0
853	Guscio	1106	1097	1074	1107	159	4	20.0
854	Guscio	1064	1122	1121	1088	159	4	20.0
855	Guscio	1109	1073	1095	1110	159	4	20.0
856	Guscio	1089	1119	1118	1062	159	4	20.0
857	Guscio	1146	1110	1111	1145	159	4	20.0
858	Guscio	1118	1144	1139	1117	159	4	20.0
859	Guscio	1132	1134	981	982	159	4	20.0
860	Guscio	1117	1139	1138	1116	159	4	20.0
861	Guscio	1114	1093	1070	1115	159	4	20.0
862	Guscio	1144	1113	1114	1139	159	4	20.0
863	Guscio	1090	1117	1116	1061	159	4	20.0
864	Guscio	1063	1120	1119	1089	159	4	20.0
865	Guscio	1113	1071	1093	1114	159	4	20.0
866	Guscio	1125	1147	1141	1124	159	4	20.0
867	Guscio	1108	1096	1073	1109	159	4	20.0
868	Guscio	1123	1140	1142	1122	159	4	20.0
869	Guscio	1065	1124	1123	1087	159	4	20.0
870	Guscio	1104	1098	1075	1105	159	4	20.0
871	Guscio	1151	1105	1106	1147	159	4	20.0
872	Guscio	1141	1107	1108	1140	159	4	20.0
873	Guscio	1068	1130	1129	1084	159	4	20.0
874	Guscio	1153	1154	1133	1136	159	4	20.0
875	Guscio	1069	1136	1131	1083	159	4	20.0
876	Guscio	1136	1133	1137	1131	159	4	20.0
877	Guscio	1102	1099	1076	1103	159	4	20.0
878	Guscio	1142	1109	1110	1146	159	4	20.0
879	Guscio	1082	1153	1136	1069	159	4	20.0
880	Guscio	1066	1126	1125	1086	159	4	20.0
881	Guscio	1155	1100	1077	1101	159	4	20.0
882	Guscio	1086	1125	1124	1065	159	4	20.0
883	Guscio	1085	1127	1126	1066	159	4	20.0
884	Guscio	1149	1103	1104	1148	159	4	20.0
885	Guscio	1079	1078	1100	1155	159	4	20.0
886	Guscio	1152	1101	1102	1150	159	4	20.0
887	Guscio	1127	1148	1151	1126	159	4	20.0
888	Guscio	1130	1152	1150	1129	159	4	20.0
889	Guscio	1154	1080	1079	1155	159	4	20.0
890	Guscio	1122	1142	1146	1121	159	4	20.0
891	Guscio	1134	1092	971	981	159	4	20.0
892	Guscio	1119	1143	1144	1118	159	4	20.0
893	Guscio	1121	1146	1145	1120	159	4	20.0
894	Guscio	1111	1072	1094	1112	159	4	20.0
895	Guscio	1133	1154	1155	1137	159	4	20.0
896	Guscio	1061	1116	1135	1091	159	4	20.0
897	Guscio	1103	1076	1098	1104	159	4	20.0
898	Guscio	1105	1075	1097	1106	159	4	20.0
899	Guscio	1062	1118	1117	1090	159	4	20.0
900	Guscio	1087	1123	1122	1064	159	4	20.0
901	Guscio	1145	1111	1112	1143	159	4	20.0
902	Guscio	1067	1128	1127	1085	159	4	20.0
903	Guscio	1110	1095	1072	1111	159	4	20.0
904	Guscio	1088	1121	1120	1063	159	4	20.0
905	Guscio	1083	1131	1130	1068	159	4	20.0
906	Guscio	1107	1074	1096	1108	159	4	20.0
907	Guscio	1112	1094	1071	1113	159	4	20.0
908	Guscio	1116	1138	1132	1135	159	4	20.0
909	Guscio	1101	1077	1099	1102	159	4	20.0
910	Guscio	1143	1112	1113	1144	159	4	20.0
911	Guscio	62	1081	1153	1082	159	4	20.0
912	Guscio	1128	1149	1148	1127	159	4	20.0
913	Guscio	1131	1137	1152	1130	159	4	20.0
914	Guscio	1140	1108	1109	1142	159	4	20.0
915	Guscio	1138	1115	1134	1132	159	4	20.0
916	Guscio	1139	1114	1115	1138	159	4	20.0
917	Guscio	1124	1141	1140	1123	159	4	20.0
918	Guscio	1148	1104	1105	1151	159	4	20.0
919	Guscio	1120	1145	1143	1119	159	4	20.0

920	Guscio	1081	1080	1154	1153	159	4	20.0
921	Guscio	69	1210	1211	1183	159	4	20.0
922	Guscio	1210	1156	1212	1211	159	4	20.0
923	Guscio	1156	1209	1213	1212	159	4	20.0
924	Guscio	1209	1157	1214	1213	159	4	20.0
925	Guscio	1157	1208	1215	1214	159	4	20.0
926	Guscio	1208	1158	1216	1215	159	4	20.0
927	Guscio	1158	1207	1217	1216	159	4	20.0
928	Guscio	1207	1159	1218	1217	159	4	20.0
929	Guscio	1159	1206	1219	1218	159	4	20.0
930	Guscio	1206	1160	1220	1219	159	4	20.0
931	Guscio	1160	1205	1221	1220	159	4	20.0
932	Guscio	1205	1161	1222	1221	159	4	20.0
933	Guscio	1161	1204	1223	1222	159	4	20.0
934	Guscio	1204	1162	1224	1223	159	4	20.0
935	Guscio	1162	1203	1225	1224	159	4	20.0
936	Guscio	1203	1163	1226	1225	159	4	20.0
937	Guscio	1163	1202	1227	1226	159	4	20.0
938	Guscio	1202	1164	1228	1227	159	4	20.0
939	Guscio	1164	1201	1229	1228	159	4	20.0
940	Guscio	1201	1165	1230	1229	159	4	20.0
941	Guscio	1165	1200	1231	1230	159	4	20.0
942	Guscio	1200	1166	1232	1231	159	4	20.0
943	Guscio	1166	1199	1233	1232	159	4	20.0
944	Guscio	1199	38	1234	1233	159	4	20.0
945	Guscio	38	865	1235	1234	159	4	20.0
946	Guscio	865	866	1236	1235	159	4	20.0
947	Guscio	866	855	1198	1236	159	4	20.0
948	Guscio	1183	1211	1237	1184	159	4	20.0
949	Guscio	1211	1212	1238	1237	159	4	20.0
950	Guscio	1212	1213	1239	1238	159	4	20.0
951	Guscio	1213	1214	1240	1239	159	4	20.0
952	Guscio	1214	1215	1241	1240	159	4	20.0
953	Guscio	1215	1216	1242	1241	159	4	20.0
954	Guscio	1216	1217	1243	1242	159	4	20.0
955	Guscio	1217	1218	1244	1243	159	4	20.0
956	Guscio	1218	1219	1245	1244	159	4	20.0
957	Guscio	1219	1220	1246	1245	159	4	20.0
958	Guscio	1220	1221	1247	1246	159	4	20.0
959	Guscio	1221	1222	1248	1247	159	4	20.0
960	Guscio	1222	1223	1249	1248	159	4	20.0
961	Guscio	1223	1224	1250	1249	159	4	20.0
962	Guscio	1224	1225	1251	1250	159	4	20.0
963	Guscio	1225	1226	1252	1251	159	4	20.0
964	Guscio	1226	1227	1253	1252	159	4	20.0
965	Guscio	1227	1228	1254	1253	159	4	20.0
966	Guscio	1228	1229	1255	1254	159	4	20.0
967	Guscio	1229	1230	1256	1255	159	4	20.0
968	Guscio	1230	1231	1257	1256	159	4	20.0
969	Guscio	1231	1232	1258	1257	159	4	20.0
970	Guscio	1232	1233	1259	1258	159	4	20.0
971	Guscio	1233	1234	1260	1259	159	4	20.0
972	Guscio	1234	1235	1261	1260	159	4	20.0
973	Guscio	1235	1236	1262	1261	159	4	20.0
974	Guscio	1236	1198	1197	1262	159	4	20.0
975	Guscio	1184	1237	1185	1167	159	4	20.0
976	Guscio	1237	1238	1168	1185	159	4	20.0
977	Guscio	1238	1239	1186	1168	159	4	20.0
978	Guscio	1239	1240	1169	1186	159	4	20.0
979	Guscio	1240	1241	1187	1169	159	4	20.0
980	Guscio	1241	1242	1170	1187	159	4	20.0
981	Guscio	1242	1243	1188	1170	159	4	20.0
982	Guscio	1243	1244	1171	1188	159	4	20.0
983	Guscio	1244	1245	1189	1171	159	4	20.0
984	Guscio	1245	1246	1172	1189	159	4	20.0
985	Guscio	1246	1247	1190	1172	159	4	20.0
986	Guscio	1247	1248	1173	1190	159	4	20.0
987	Guscio	1248	1249	1191	1173	159	4	20.0
988	Guscio	1249	1250	1174	1191	159	4	20.0
989	Guscio	1250	1251	1192	1174	159	4	20.0
990	Guscio	1251	1252	1175	1192	159	4	20.0
991	Guscio	1252	1253	1193	1175	159	4	20.0
992	Guscio	1253	1254	1176	1193	159	4	20.0
993	Guscio	1254	1255	1194	1176	159	4	20.0
994	Guscio	1255	1256	1177	1194	159	4	20.0
995	Guscio	1256	1257	1195	1177	159	4	20.0
996	Guscio	1257	1258	1178	1195	159	4	20.0

997	Guscio	1258	1259	1196	1178	159	4	20.0
998	Guscio	1259	1260	1179	1196	159	4	20.0
999	Guscio	1260	1261	1181	1179	159	4	20.0
1000	Guscio	1261	1262	1182	1181	159	4	20.0
1001	Guscio	1262	1197	1180	1182	159	4	20.0
1002	Guscio	1307	1285	30	1284	159	4	20.0
1003	Guscio	1308	1307	1284	1283	159	4	20.0
1004	Guscio	1306	1308	1283	1273	159	4	20.0
1005	Guscio	1309	1271	1285	1307	159	4	20.0
1006	Guscio	1310	1309	1307	1308	159	4	20.0
1007	Guscio	1282	1310	1308	1306	159	4	20.0
1008	Guscio	1311	1286	1271	1309	159	4	20.0
1009	Guscio	1312	1311	1309	1310	159	4	20.0
1010	Guscio	1305	1312	1310	1282	159	4	20.0
1011	Guscio	1313	1270	1286	1311	159	4	20.0
1012	Guscio	1314	1313	1311	1312	159	4	20.0
1013	Guscio	1281	1314	1312	1305	159	4	20.0
1014	Guscio	1315	1287	1270	1313	159	4	20.0
1015	Guscio	1316	1315	1313	1314	159	4	20.0
1016	Guscio	1304	1316	1314	1281	159	4	20.0
1017	Guscio	1317	1269	1287	1315	159	4	20.0
1018	Guscio	1318	1317	1315	1316	159	4	20.0
1019	Guscio	1280	1318	1316	1304	159	4	20.0
1020	Guscio	1319	1288	1269	1317	159	4	20.0
1021	Guscio	1320	1319	1317	1318	159	4	20.0
1022	Guscio	1303	1320	1318	1280	159	4	20.0
1023	Guscio	1321	1268	1288	1319	159	4	20.0
1024	Guscio	1322	1321	1319	1320	159	4	20.0
1025	Guscio	1279	1322	1320	1303	159	4	20.0
1026	Guscio	1323	1289	1268	1321	159	4	20.0
1027	Guscio	1324	1323	1321	1322	159	4	20.0
1028	Guscio	1302	1324	1322	1279	159	4	20.0
1029	Guscio	1325	1267	1289	1323	159	4	20.0
1030	Guscio	1326	1325	1323	1324	159	4	20.0
1031	Guscio	1278	1326	1324	1302	159	4	20.0
1032	Guscio	1327	1290	1267	1325	159	4	20.0
1033	Guscio	1328	1327	1325	1326	159	4	20.0
1034	Guscio	1301	1328	1326	1278	159	4	20.0
1035	Guscio	1329	1266	1290	1327	159	4	20.0
1036	Guscio	1330	1329	1327	1328	159	4	20.0
1037	Guscio	1277	1330	1328	1301	159	4	20.0
1038	Guscio	1331	1291	1266	1329	159	4	20.0
1039	Guscio	1332	1331	1329	1330	159	4	20.0
1040	Guscio	1300	1332	1330	1277	159	4	20.0
1041	Guscio	1333	1265	1291	1331	159	4	20.0
1042	Guscio	1334	1333	1331	1332	159	4	20.0
1043	Guscio	1276	1334	1332	1300	159	4	20.0
1044	Guscio	1335	1292	1265	1333	159	4	20.0
1045	Guscio	1336	1335	1333	1334	159	4	20.0
1046	Guscio	1299	1336	1334	1276	159	4	20.0
1047	Guscio	1337	1264	1292	1335	159	4	20.0
1048	Guscio	1338	1337	1335	1336	159	4	20.0
1049	Guscio	1275	1338	1336	1299	159	4	20.0
1050	Guscio	1339	1293	1264	1337	159	4	20.0
1051	Guscio	1340	1339	1337	1338	159	4	20.0
1052	Guscio	1298	1340	1338	1275	159	4	20.0
1053	Guscio	1341	1263	1293	1339	159	4	20.0
1054	Guscio	1342	1341	1339	1340	159	4	20.0
1055	Guscio	1274	1342	1340	1298	159	4	20.0
1056	Guscio	1343	1294	1263	1341	159	4	20.0
1057	Guscio	1344	1343	1341	1342	159	4	20.0
1058	Guscio	1297	1344	1342	1274	159	4	20.0
1059	Guscio	1295	22	1294	1343	159	4	20.0
1060	Guscio	1296	1295	1343	1344	159	4	20.0
1061	Guscio	1272	1296	1344	1297	159	4	20.0
1062	Guscio	1345	1370	1371	1346	159	4	20.0
1063	Guscio	1370	1369	1372	1371	159	4	20.0
1064	Guscio	1369	40	1368	1372	159	4	20.0
1065	Guscio	1346	1371	1373	1347	159	4	20.0
1066	Guscio	1371	1372	1374	1373	159	4	20.0
1067	Guscio	1372	1368	586	1374	159	4	20.0
1068	Guscio	1347	1373	1375	1348	159	4	20.0
1069	Guscio	1373	1374	1376	1375	159	4	20.0
1070	Guscio	1374	586	1367	1376	159	4	20.0
1071	Guscio	1348	1375	1377	1349	159	4	20.0
1072	Guscio	1375	1376	1378	1377	159	4	20.0
1073	Guscio	1376	1367	585	1378	159	4	20.0

1074	Guscio	1349	1377	1379	1350	159	4	20.0
1075	Guscio	1377	1378	1380	1379	159	4	20.0
1076	Guscio	1378	585	1366	1380	159	4	20.0
1077	Guscio	1350	1379	1381	1351	159	4	20.0
1078	Guscio	1379	1380	1382	1381	159	4	20.0
1079	Guscio	1380	1366	584	1382	159	4	20.0
1080	Guscio	1351	1381	1383	1352	159	4	20.0
1081	Guscio	1381	1382	1384	1383	159	4	20.0
1082	Guscio	1382	584	1365	1384	159	4	20.0
1083	Guscio	1352	1383	1385	1353	159	4	20.0
1084	Guscio	1383	1384	1386	1385	159	4	20.0
1085	Guscio	1384	1365	583	1386	159	4	20.0
1086	Guscio	1353	1385	1387	1354	159	4	20.0
1087	Guscio	1385	1386	1388	1387	159	4	20.0
1088	Guscio	1386	583	1364	1388	159	4	20.0
1089	Guscio	1354	1387	1389	1355	159	4	20.0
1090	Guscio	1387	1388	1390	1389	159	4	20.0
1091	Guscio	1388	1364	582	1390	159	4	20.0
1092	Guscio	1355	1389	1391	1356	159	4	20.0
1093	Guscio	1389	1390	1392	1391	159	4	20.0
1094	Guscio	1390	582	1363	1392	159	4	20.0
1095	Guscio	1356	1391	1393	1357	159	4	20.0
1096	Guscio	1391	1392	1394	1393	159	4	20.0
1097	Guscio	1392	1363	581	1394	159	4	20.0
1098	Guscio	1357	1393	1395	1358	159	4	20.0
1099	Guscio	1393	1394	1396	1395	159	4	20.0
1100	Guscio	1394	581	1362	1396	159	4	20.0
1101	Guscio	1358	1395	1397	1359	159	4	20.0
1102	Guscio	1395	1396	1398	1397	159	4	20.0
1103	Guscio	1396	1362	580	1398	159	4	20.0
1104	Guscio	1359	1397	1399	1360	159	4	20.0
1105	Guscio	1397	1398	1400	1399	159	4	20.0
1106	Guscio	1398	580	1361	1400	159	4	20.0
1107	Guscio	1360	1399	1296	1272	159	4	20.0
1108	Guscio	1399	1400	1295	1296	159	4	20.0
1109	Guscio	1400	1361	22	1295	159	4	20.0
1110	Setto	1361	22	572		1	1	20.0
1111	Setto	1362	580	571		1	1	20.0
1112	Setto	1363	581	573		1	1	20.0
1113	Setto	1364	582	574		1	1	20.0
1114	Setto	1365	583	575		1	1	20.0
1115	Setto	1366	584	576		1	1	20.0
1116	Setto	1367	585	577		1	1	20.0
1117	Setto	1368	586	578		1	1	20.0
1118	Setto	984	46	587		1	1	20.0
1119	Setto	985	589	588		1	1	20.0
1120	Setto	986	604	603		1	1	20.0
1121	Setto	987	613	612		1	1	20.0
1122	Setto	988	622	621		1	1	20.0
1123	Setto	989	631	630		1	1	20.0
1124	Setto	990	640	639		1	1	20.0
1125	Setto	991	649	648		1	1	20.0
1126	Setto	992	658	657		1	1	20.0
1127	Setto	993	667	666		1	1	20.0
1128	Guscio	909	951	891		159	4	20.0
1129	Guscio	907	944	893		159	4	20.0
1130	Guscio	895	905	956		159	4	20.0
1131	Guscio	911	947	889		159	4	20.0
1132	Guscio	913	928	887		159	4	20.0
1133	Guscio	1444	1425	33	1426	159	4	20.0
1134	Guscio	1445	1432	1435	1446	159	4	20.0
1135	Guscio	1436	1440	1410	1429	159	4	20.0
1136	Guscio	1407	1416	1445	1415	159	4	20.0
1137	Guscio	1430	1406	1425	1444	159	4	20.0
1138	Guscio	1418	1419	1434	1431	159	4	20.0
1139	Guscio	1446	1435	1412	1413	159	4	20.0
1140	Guscio	1416	1417	1432	1445	159	4	20.0
1141	Guscio	1431	1434	1436	1447	159	4	20.0
1142	Guscio	1417	1418	1431	1432	159	4	20.0
1143	Guscio	1447	1436	1429	1411	159	4	20.0
1144	Guscio	1440	1439	1428	1410	159	4	20.0
1145	Guscio	1419	1420	1442	1434	159	4	20.0
1146	Guscio	1422	1423	1448	1443	159	4	20.0
1147	Guscio	1434	1442	1440	1436	159	4	20.0
1148	Guscio	1433	1444	1426	1408	159	4	20.0
1149	Guscio	1437	1433	1408	1427	159	4	20.0
1150	Guscio	1449	1430	1444	1433	159	4	20.0

1151	Guscio	1443	1448	1430	1449	159	4	20.0
1152	Guscio	1421	1422	1443	1441	159	4	20.0
1153	Guscio	1423	1405	1424	1448	159	4	20.0
1154	Guscio	1439	1438	1409	1428	159	4	20.0
1155	Guscio	1415	1445	1446	1414	159	4	20.0
1156	Guscio	1448	1424	1406	1430	159	4	20.0
1157	Guscio	1438	1437	1427	1409	159	4	20.0
1158	Guscio	1432	1431	1447	1435	159	4	20.0
1159	Guscio	1443	1449	1433	1437	159	4	20.0
1160	Guscio	1420	1421	1441	1442	159	4	20.0
1161	Guscio	1435	1447	1411	1412	159	4	20.0
1162	Guscio	1414	1446	1413	1345	159	4	20.0
1163	Guscio	1441	1443	1437	1438	159	4	20.0
1164	Guscio	1442	1441	1439	1440	159	4	20.0
1165	Guscio	1439	1441	1438		159	4	20.0
1166	Guscio	1461	1476	1502	1475	159	4	20.0
1167	Guscio	1475	1502	1503	1474	159	4	20.0
1168	Guscio	1474	1503	1501	48	159	4	20.0
1169	Guscio	1476	1463	1504	1502	159	4	20.0
1170	Guscio	1502	1504	1505	1503	159	4	20.0
1171	Guscio	1503	1505	1450	1501	159	4	20.0
1172	Guscio	1463	1477	1506	1504	159	4	20.0
1173	Guscio	1504	1506	1507	1505	159	4	20.0
1174	Guscio	1505	1507	1500	1450	159	4	20.0
1175	Guscio	1477	1464	1508	1506	159	4	20.0
1176	Guscio	1506	1508	1509	1507	159	4	20.0
1177	Guscio	1507	1509	1451	1500	159	4	20.0
1178	Guscio	1464	1478	1510	1508	159	4	20.0
1179	Guscio	1508	1510	1511	1509	159	4	20.0
1180	Guscio	1509	1511	1499	1451	159	4	20.0
1181	Guscio	1478	1465	1512	1510	159	4	20.0
1182	Guscio	1510	1512	1513	1511	159	4	20.0
1183	Guscio	1511	1513	1452	1499	159	4	20.0
1184	Guscio	1465	1479	1514	1512	159	4	20.0
1185	Guscio	1512	1514	1515	1513	159	4	20.0
1186	Guscio	1513	1515	1498	1452	159	4	20.0
1187	Guscio	1479	1466	1516	1514	159	4	20.0
1188	Guscio	1514	1516	1517	1515	159	4	20.0
1189	Guscio	1515	1517	1453	1498	159	4	20.0
1190	Guscio	1466	1480	1518	1516	159	4	20.0
1191	Guscio	1516	1518	1519	1517	159	4	20.0
1192	Guscio	1517	1519	1497	1453	159	4	20.0
1193	Guscio	1480	1467	1520	1518	159	4	20.0
1194	Guscio	1518	1520	1521	1519	159	4	20.0
1195	Guscio	1519	1521	1454	1497	159	4	20.0
1196	Guscio	1467	1481	1522	1520	159	4	20.0
1197	Guscio	1520	1522	1523	1521	159	4	20.0
1198	Guscio	1521	1523	1496	1454	159	4	20.0
1199	Guscio	1481	1468	1524	1522	159	4	20.0
1200	Guscio	1522	1524	1525	1523	159	4	20.0
1201	Guscio	1523	1525	1455	1496	159	4	20.0
1202	Guscio	1468	1482	1526	1524	159	4	20.0
1203	Guscio	1524	1526	1527	1525	159	4	20.0
1204	Guscio	1525	1527	1495	1455	159	4	20.0
1205	Guscio	1482	1469	1528	1526	159	4	20.0
1206	Guscio	1526	1528	1529	1527	159	4	20.0
1207	Guscio	1527	1529	1456	1495	159	4	20.0
1208	Guscio	1469	1483	1530	1528	159	4	20.0
1209	Guscio	1528	1530	1531	1529	159	4	20.0
1210	Guscio	1529	1531	1494	1456	159	4	20.0
1211	Guscio	1483	1470	1532	1530	159	4	20.0
1212	Guscio	1530	1532	1533	1531	159	4	20.0
1213	Guscio	1531	1533	1457	1494	159	4	20.0
1214	Guscio	1470	1484	1534	1532	159	4	20.0
1215	Guscio	1532	1534	1535	1533	159	4	20.0
1216	Guscio	1533	1535	1493	1457	159	4	20.0
1217	Guscio	1484	1471	1536	1534	159	4	20.0
1218	Guscio	1534	1536	1537	1535	159	4	20.0
1219	Guscio	1535	1537	1458	1493	159	4	20.0
1220	Guscio	1471	1485	1538	1536	159	4	20.0
1221	Guscio	1536	1538	1539	1537	159	4	20.0
1222	Guscio	1537	1539	1492	1458	159	4	20.0
1223	Guscio	1485	1472	1540	1538	159	4	20.0
1224	Guscio	1538	1540	1541	1539	159	4	20.0
1225	Guscio	1539	1541	1459	1492	159	4	20.0
1226	Guscio	1472	1486	1542	1540	159	4	20.0
1227	Guscio	1540	1542	1543	1541	159	4	20.0

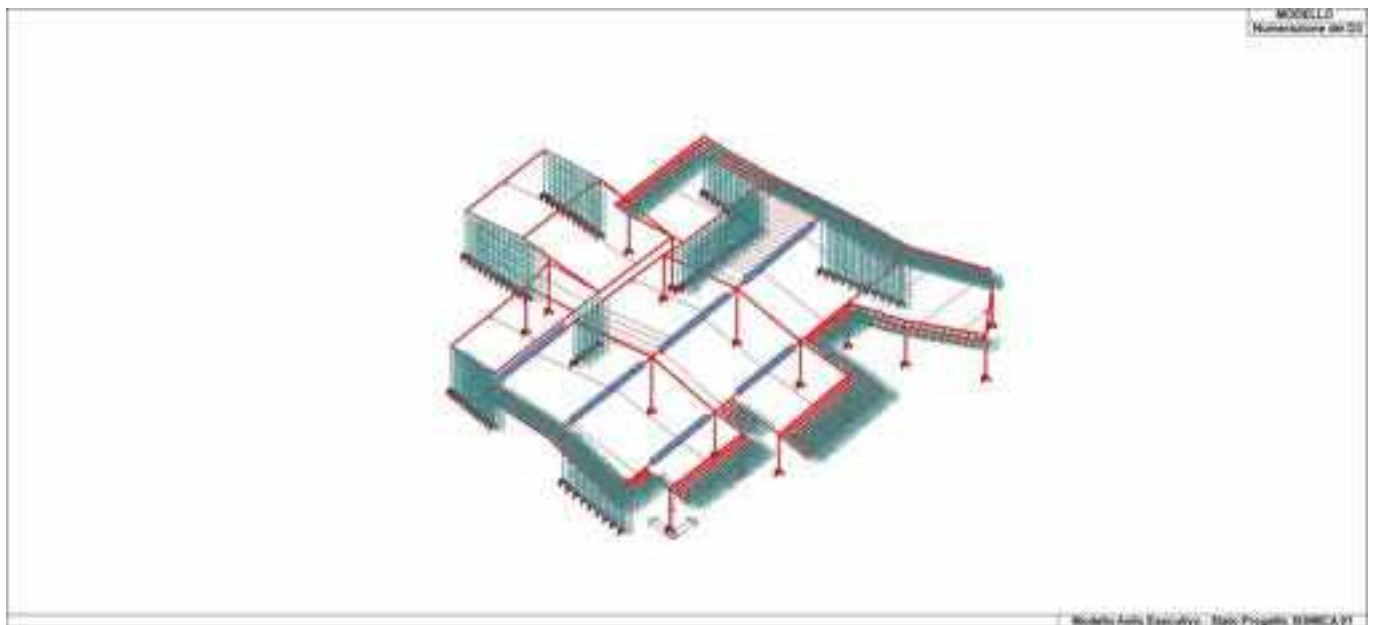
1228	Guscio	1541	1543	1491	1459	159	4	20.0
1229	Guscio	1486	1473	1544	1542	159	4	20.0
1230	Guscio	1542	1544	1545	1543	159	4	20.0
1231	Guscio	1543	1545	1460	1491	159	4	20.0
1232	Guscio	1473	1487	1546	1544	159	4	20.0
1233	Guscio	1544	1546	1547	1545	159	4	20.0
1234	Guscio	1545	1547	1490	1460	159	4	20.0
1235	Guscio	1487	1462	1488	1546	159	4	20.0
1236	Guscio	1546	1488	1489	1547	159	4	20.0
1237	Guscio	1547	1489	50	1490	159	4	20.0
1238	Guscio	1560	1599	1600	1572	159	4	20.0
1239	Guscio	1599	1561	1601	1600	159	4	20.0
1240	Guscio	1561	1598	1602	1601	159	4	20.0
1241	Guscio	1598	1562	1603	1602	159	4	20.0
1242	Guscio	1562	1597	1604	1603	159	4	20.0
1243	Guscio	1597	1563	1605	1604	159	4	20.0
1244	Guscio	1563	1596	1606	1605	159	4	20.0
1245	Guscio	1596	1564	1607	1606	159	4	20.0
1246	Guscio	1564	1595	1608	1607	159	4	20.0
1247	Guscio	1595	1565	1609	1608	159	4	20.0
1248	Guscio	1565	1594	1610	1609	159	4	20.0
1249	Guscio	1594	1566	1611	1610	159	4	20.0
1250	Guscio	1566	1593	1612	1611	159	4	20.0
1251	Guscio	1593	1567	1613	1612	159	4	20.0
1252	Guscio	1567	1592	1614	1613	159	4	20.0
1253	Guscio	1592	1568	1615	1614	159	4	20.0
1254	Guscio	1568	1591	1616	1615	159	4	20.0
1255	Guscio	1591	1569	1617	1616	159	4	20.0
1256	Guscio	1569	1590	1618	1617	159	4	20.0
1257	Guscio	1590	1570	1619	1618	159	4	20.0
1258	Guscio	1570	1589	1620	1619	159	4	20.0
1259	Guscio	1589	1571	1621	1620	159	4	20.0
1260	Guscio	1571	1588	1622	1621	159	4	20.0
1261	Guscio	1588	1559	1587	1622	159	4	20.0
1262	Guscio	1572	1600	1623	1573	159	4	20.0
1263	Guscio	1600	1601	1624	1623	159	4	20.0
1264	Guscio	1601	1602	1625	1624	159	4	20.0
1265	Guscio	1602	1603	1626	1625	159	4	20.0
1266	Guscio	1603	1604	1627	1626	159	4	20.0
1267	Guscio	1604	1605	1628	1627	159	4	20.0
1268	Guscio	1605	1606	1629	1628	159	4	20.0
1269	Guscio	1606	1607	1630	1629	159	4	20.0
1270	Guscio	1607	1608	1631	1630	159	4	20.0
1271	Guscio	1608	1609	1632	1631	159	4	20.0
1272	Guscio	1609	1610	1633	1632	159	4	20.0
1273	Guscio	1610	1611	1634	1633	159	4	20.0
1274	Guscio	1611	1612	1635	1634	159	4	20.0
1275	Guscio	1612	1613	1636	1635	159	4	20.0
1276	Guscio	1613	1614	1637	1636	159	4	20.0
1277	Guscio	1614	1615	1638	1637	159	4	20.0
1278	Guscio	1615	1616	1639	1638	159	4	20.0
1279	Guscio	1616	1617	1640	1639	159	4	20.0
1280	Guscio	1617	1618	1641	1640	159	4	20.0
1281	Guscio	1618	1619	1642	1641	159	4	20.0
1282	Guscio	1619	1620	1643	1642	159	4	20.0
1283	Guscio	1620	1621	1644	1643	159	4	20.0
1284	Guscio	1621	1622	1645	1644	159	4	20.0
1285	Guscio	1622	1587	1586	1645	159	4	20.0
1286	Guscio	1573	1623	1574	54	159	4	20.0
1287	Guscio	1623	1624	1548	1574	159	4	20.0
1288	Guscio	1624	1625	1575	1548	159	4	20.0
1289	Guscio	1625	1626	1549	1575	159	4	20.0
1290	Guscio	1626	1627	1576	1549	159	4	20.0
1291	Guscio	1627	1628	1550	1576	159	4	20.0
1292	Guscio	1628	1629	1577	1550	159	4	20.0
1293	Guscio	1629	1630	1551	1577	159	4	20.0
1294	Guscio	1630	1631	1578	1551	159	4	20.0
1295	Guscio	1631	1632	1552	1578	159	4	20.0
1296	Guscio	1632	1633	1579	1552	159	4	20.0
1297	Guscio	1633	1634	1553	1579	159	4	20.0
1298	Guscio	1634	1635	1580	1553	159	4	20.0
1299	Guscio	1635	1636	1554	1580	159	4	20.0
1300	Guscio	1636	1637	1581	1554	159	4	20.0
1301	Guscio	1637	1638	1555	1581	159	4	20.0
1302	Guscio	1638	1639	1582	1555	159	4	20.0
1303	Guscio	1639	1640	1556	1582	159	4	20.0
1304	Guscio	1640	1641	1583	1556	159	4	20.0

1305	Guscio	1641	1642	1557	1583	159	4	20.0
1306	Guscio	1642	1643	1584	1557	159	4	20.0
1307	Guscio	1643	1644	1558	1584	159	4	20.0
1308	Guscio	1644	1645	1585	1558	159	4	20.0
1309	Guscio	1645	1586	52	1585	159	4	20.0
1310	Guscio	1646	1659	1476	1461	159	4	20.0
1311	Guscio	1659	1648	1463	1476	159	4	20.0
1312	Guscio	1648	1660	1477	1463	159	4	20.0
1313	Guscio	1660	1649	1464	1477	159	4	20.0
1314	Guscio	1649	1661	1478	1464	159	4	20.0
1315	Guscio	1661	1650	1465	1478	159	4	20.0
1316	Guscio	1650	1662	1479	1465	159	4	20.0
1317	Guscio	1662	1651	1466	1479	159	4	20.0
1318	Guscio	1651	1663	1480	1466	159	4	20.0
1319	Guscio	1663	1652	1467	1480	159	4	20.0
1320	Guscio	1652	1664	1481	1467	159	4	20.0
1321	Guscio	1664	1653	1468	1481	159	4	20.0
1322	Guscio	1653	1665	1482	1468	159	4	20.0
1323	Guscio	1665	1654	1469	1482	159	4	20.0
1324	Guscio	1654	1666	1483	1469	159	4	20.0
1325	Guscio	1666	1655	1470	1483	159	4	20.0
1326	Guscio	1655	1667	1484	1470	159	4	20.0
1327	Guscio	1667	1656	1471	1484	159	4	20.0
1328	Guscio	1656	1668	1485	1471	159	4	20.0
1329	Guscio	1668	1657	1472	1485	159	4	20.0
1330	Guscio	1657	1669	1486	1472	159	4	20.0
1331	Guscio	1669	1658	1473	1486	159	4	20.0
1332	Guscio	1658	1670	1487	1473	159	4	20.0
1333	Guscio	1670	1647	1462	1487	159	4	20.0
1334	Guscio	1684	1723	1724	1696	159	4	20.0
1335	Guscio	1723	1685	1725	1724	159	4	20.0
1336	Guscio	1685	1722	1726	1725	159	4	20.0
1337	Guscio	1722	1686	1727	1726	159	4	20.0
1338	Guscio	1686	1721	1728	1727	159	4	20.0
1339	Guscio	1721	1687	1729	1728	159	4	20.0
1340	Guscio	1687	1720	1730	1729	159	4	20.0
1341	Guscio	1720	1688	1731	1730	159	4	20.0
1342	Guscio	1688	1719	1732	1731	159	4	20.0
1343	Guscio	1719	1689	1733	1732	159	4	20.0
1344	Guscio	1689	1718	1734	1733	159	4	20.0
1345	Guscio	1718	1690	1735	1734	159	4	20.0
1346	Guscio	1690	1717	1736	1735	159	4	20.0
1347	Guscio	1717	1691	1737	1736	159	4	20.0
1348	Guscio	1691	1716	1738	1737	159	4	20.0
1349	Guscio	1716	1692	1739	1738	159	4	20.0
1350	Guscio	1692	1715	1740	1739	159	4	20.0
1351	Guscio	1715	1693	1741	1740	159	4	20.0
1352	Guscio	1693	1714	1742	1741	159	4	20.0
1353	Guscio	1714	1694	1743	1742	159	4	20.0
1354	Guscio	1694	1713	1744	1743	159	4	20.0
1355	Guscio	1713	1695	1745	1744	159	4	20.0
1356	Guscio	1695	1712	1746	1745	159	4	20.0
1357	Guscio	1712	1683	1711	1746	159	4	20.0
1358	Guscio	1696	1724	1747	1697	159	4	20.0
1359	Guscio	1724	1725	1748	1747	159	4	20.0
1360	Guscio	1725	1726	1749	1748	159	4	20.0
1361	Guscio	1726	1727	1750	1749	159	4	20.0
1362	Guscio	1727	1728	1751	1750	159	4	20.0
1363	Guscio	1728	1729	1752	1751	159	4	20.0
1364	Guscio	1729	1730	1753	1752	159	4	20.0
1365	Guscio	1730	1731	1754	1753	159	4	20.0
1366	Guscio	1731	1732	1755	1754	159	4	20.0
1367	Guscio	1732	1733	1756	1755	159	4	20.0
1368	Guscio	1733	1734	1757	1756	159	4	20.0
1369	Guscio	1734	1735	1758	1757	159	4	20.0
1370	Guscio	1735	1736	1759	1758	159	4	20.0
1371	Guscio	1736	1737	1760	1759	159	4	20.0
1372	Guscio	1737	1738	1761	1760	159	4	20.0
1373	Guscio	1738	1739	1762	1761	159	4	20.0
1374	Guscio	1739	1740	1763	1762	159	4	20.0
1375	Guscio	1740	1741	1764	1763	159	4	20.0
1376	Guscio	1741	1742	1765	1764	159	4	20.0
1377	Guscio	1742	1743	1766	1765	159	4	20.0
1378	Guscio	1743	1744	1767	1766	159	4	20.0
1379	Guscio	1744	1745	1768	1767	159	4	20.0
1380	Guscio	1745	1746	1769	1768	159	4	20.0
1381	Guscio	1746	1711	1710	1769	159	4	20.0

1382	Guscio	1697	1747	1599	1560	159	4	20.0
1383	Guscio	1747	1748	1561	1599	159	4	20.0
1384	Guscio	1748	1749	1598	1561	159	4	20.0
1385	Guscio	1749	1750	1562	1598	159	4	20.0
1386	Guscio	1750	1751	1597	1562	159	4	20.0
1387	Guscio	1751	1752	1563	1597	159	4	20.0
1388	Guscio	1752	1753	1596	1563	159	4	20.0
1389	Guscio	1753	1754	1564	1596	159	4	20.0
1390	Guscio	1754	1755	1595	1564	159	4	20.0
1391	Guscio	1755	1756	1565	1595	159	4	20.0
1392	Guscio	1756	1757	1594	1565	159	4	20.0
1393	Guscio	1757	1758	1566	1594	159	4	20.0
1394	Guscio	1758	1759	1593	1566	159	4	20.0
1395	Guscio	1759	1760	1567	1593	159	4	20.0
1396	Guscio	1760	1761	1592	1567	159	4	20.0
1397	Guscio	1761	1762	1568	1592	159	4	20.0
1398	Guscio	1762	1763	1591	1568	159	4	20.0
1399	Guscio	1763	1764	1569	1591	159	4	20.0
1400	Guscio	1764	1765	1590	1569	159	4	20.0
1401	Guscio	1766	1767	1589	1570	159	4	20.0
1402	Guscio	1767	1768	1571	1589	159	4	20.0
1403	Guscio	1768	1769	1588	1571	159	4	20.0
1404	Guscio	1769	1710	1559	1588	159	4	20.0
1405	Guscio	1559	1807	1815	1587	159	4	20.0
1406	Guscio	1807	1812	1816	1815	159	4	20.0
1407	Guscio	1812	1806	1811	1816	159	4	20.0
1408	Guscio	1587	1815	1818	1586	159	4	20.0
1409	Guscio	1815	1816	1819	1818	159	4	20.0
1410	Guscio	1816	1811	1810	1819	159	4	20.0
1411	Guscio	1586	1818	1805	52	159	4	20.0
1412	Guscio	1818	1819	1809	1805	159	4	20.0
1413	Guscio	1819	1810	1804	1809	159	4	20.0
1414	Guscio	1683	1823	1831	1711	159	4	20.0
1415	Guscio	1823	1828	1832	1831	159	4	20.0
1416	Guscio	1828	1822	1827	1832	159	4	20.0
1417	Guscio	1711	1831	1797	1710	159	4	20.0
1418	Guscio	1831	1832	1798	1797	159	4	20.0
1419	Guscio	1832	1827	1826	1798	159	4	20.0
1420	Guscio	1710	1797	1807	1559	159	4	20.0
1421	Guscio	1797	1798	1812	1807	159	4	20.0
1422	Guscio	1798	1826	1806	1812	159	4	20.0
1423	Guscio	1835	60	1778	1852	159	4	20.0
1424	Guscio	1800	1853	1837	1799	159	4	20.0
1425	Guscio	1842	1776	1775	1845	159	4	20.0
1426	Guscio	1841	1774	1773	1844	159	4	20.0
1427	Guscio	1844	1773	1772	1846	159	4	20.0
1428	Guscio	1847	1770	58	1839	159	4	20.0
1429	Guscio	1790	1843	1847	1789	159	4	20.0
1430	Guscio	1786	1848	1849	1803	159	4	20.0
1431	Guscio	1787	1852	1840	1796	159	4	20.0
1432	Guscio	1796	1840	1842	1795	159	4	20.0
1433	Guscio	1794	1845	1841	1793	159	4	20.0
1434	Guscio	1793	1841	1844	1792	159	4	20.0
1435	Guscio	1839	58	1785	1848	159	4	20.0
1436	Guscio	1802	1850	1851	1801	159	4	20.0
1437	Guscio	1853	1781	1780	1838	159	4	20.0
1438	Guscio	1851	1782	1781	1853	159	4	20.0
1439	Guscio	1850	1783	1782	1851	159	4	20.0
1440	Guscio	1803	1849	1850	1802	159	4	20.0
1441	Guscio	1848	1785	1784	1849	159	4	20.0
1442	Guscio	1789	1847	1839	1788	159	4	20.0
1443	Guscio	1792	1844	1846	1791	159	4	20.0
1444	Guscio	1846	1772	1771	1843	159	4	20.0
1445	Guscio	1795	1842	1845	1794	159	4	20.0
1446	Guscio	1845	1775	1774	1841	159	4	20.0
1447	Guscio	1840	1777	1776	1842	159	4	20.0
1448	Guscio	1852	1778	1777	1840	159	4	20.0
1449	Guscio	1791	1846	1843	1790	159	4	20.0
1450	Guscio	1843	1771	1770	1847	159	4	20.0
1451	Guscio	1801	1851	1853	1800	159	4	20.0
1452	Guscio	1788	1839	1848	1786	159	4	20.0
1453	Guscio	1834	1836	1852	1787	159	4	20.0
1454	Guscio	1849	1784	1783	1850	159	4	20.0
1455	Guscio	1852	1836	1835		159	4	20.0
1456	Guscio	1837	1853	1838		159	4	20.0
1457	Guscio	1893	1926	56		159	4	20.0
1458	Guscio	1887	1888	1916	1870	159	4	20.0

1459	Guscio	1874	1875	1907	1909	159	4	20.0
1460	Guscio	1923	1885	1872	1921	159	4	20.0
1461	Guscio	1877	1883	1884	1920	159	4	20.0
1462	Guscio	1931	1873	1908	1904	159	4	20.0
1463	Guscio	1870	1925	1910	1912	159	4	20.0
1464	Guscio	1905	1903	1895	1858	159	4	20.0
1465	Guscio	1873	1868	1918	1908	159	4	20.0
1466	Guscio	1864	1920	1923	1863	159	4	20.0
1467	Guscio	1901	1929	1854	1878	159	4	20.0
1468	Guscio	1915	1912	1898	1855	159	4	20.0
1469	Guscio	1900	1917	1915	1902	159	4	20.0
1470	Guscio	1870	1916	1874	1925	159	4	20.0
1471	Guscio	1906	1905	1858	1896	159	4	20.0
1472	Guscio	1890	1891	1911	1913	159	4	20.0
1473	Guscio	1918	1926	1893	1860	159	4	20.0
1474	Guscio	1908	1918	1860	1894	159	4	20.0
1475	Guscio	1911	1928	1931	1930	159	4	20.0
1476	Guscio	1867	1919	1924	1866	159	4	20.0
1477	Guscio	1888	1889	1914	1916	159	4	20.0
1478	Guscio	1922	1882	1883	1877	159	4	20.0
1479	Guscio	1907	1906	1896	1857	159	4	20.0
1480	Guscio	1889	1890	1913	1914	159	4	20.0
1481	Guscio	1912	1910	1856	1898	159	4	20.0
1482	Guscio	1929	1902	1899	1854	159	4	20.0
1483	Guscio	1924	1881	1882	1922	159	4	20.0
1484	Guscio	1873	1876	1868		159	4	20.0
1485	Guscio	1906	1871	1905		159	4	20.0
1486	Guscio	1869	1927	1919	1867	159	4	20.0
1487	Guscio	1919	1880	1881	1924	159	4	20.0
1488	Guscio	1920	1884	1885	1923	159	4	20.0
1489	Guscio	1862	1921	1901	1861	159	4	20.0
1490	Guscio	1904	1908	1894	1859	159	4	20.0
1491	Guscio	1866	1924	1922	1865	159	4	20.0
1492	Guscio	1903	1904	1859	1895	159	4	20.0
1493	Guscio	1891	1892	1928	1911	159	4	20.0
1494	Guscio	1930	1931	1904	1903	159	4	20.0
1495	Guscio	1910	1909	1897	1856	159	4	20.0
1496	Guscio	1864	1877	1920		159	4	20.0
1497	Guscio	1871	1930	1903	1905	159	4	20.0
1498	Guscio	1861	1901	1878	44	159	4	20.0
1499	Guscio	1902	1915	1855	1899	159	4	20.0
1500	Guscio	1909	1907	1857	1897	159	4	20.0
1501	Guscio	1925	1874	1909	1910	159	4	20.0
1502	Guscio	1863	1923	1921	1862	159	4	20.0
1503	Guscio	1901	1900	1902	1929	159	4	20.0
1504	Guscio	1872	1886	1917	1900	159	4	20.0
1505	Guscio	1875	1871	1906	1907	159	4	20.0
1506	Guscio	1921	1872	1900	1901	159	4	20.0
1507	Guscio	1914	1913	1871	1875	159	4	20.0
1508	Guscio	1927	1879	1880	1919	159	4	20.0
1509	Guscio	1913	1911	1930	1871	159	4	20.0
1510	Guscio	1916	1914	1875	1874	159	4	20.0
1511	Guscio	1886	1887	1870	1917	159	4	20.0
1512	Guscio	1865	1922	1877	1864	159	4	20.0
1513	Guscio	1928	1876	1873	1931	159	4	20.0
1514	Guscio	1917	1870	1912	1915	159	4	20.0
1515	Guscio	1926	1779	56		159	4	20.0
1516	Guscio	1892	1799	1928		159	4	20.0
1517	Guscio	1928	1799	1876		159	4	20.0
1518	Guscio	1876	1799	1837		159	4	20.0
1519	Guscio	1876	1837	1838		159	4	20.0
1520	Guscio	1876	1838	1868		159	4	20.0
1521	Guscio	1868	1838	1780		159	4	20.0
1522	Guscio	1918	1868	1926		159	4	20.0
1523	Guscio	1868	1780	1779	1926	159	4	20.0
1524	Guscio	52	1805	1869	1867	159	4	20.0
1525	Guscio	1805	1809	1927	1869	159	4	20.0
1526	Guscio	1809	1804	1879	1927	159	4	20.0
1527	Guscio	1705	1676	67	1702	159	4	20.0
1528	Guscio	1704	1705	1702	1701	159	4	20.0
1529	Guscio	1703	1704	1701	1700	159	4	20.0
1530	Guscio	1671	1703	1700	42	159	4	20.0
1531	Guscio	1708	1677	1676	1705	159	4	20.0
1532	Guscio	1707	1708	1705	1704	159	4	20.0
1533	Guscio	1706	1707	1704	1703	159	4	20.0
1534	Guscio	1672	1706	1703	1671	159	4	20.0
1535	Guscio	1813	1678	1677	1708	159	4	20.0

1536	Guscio	1808	1813	1708	1707	159	4	20.0
1537	Guscio	1820	1679	1678	1813	159	4	20.0
1538	Guscio	1825	1680	1679	1820	159	4	20.0
1539	Guscio	1833	1681	1680	1825	159	4	20.0
1540	Guscio	1830	1833	1825	1824	159	4	20.0
1541	Guscio	1824	1825	1820	1817	159	4	20.0
1542	Guscio	1817	1820	1813	1808	159	4	20.0
1543	Guscio	1709	1808	1707	1706	159	4	20.0
1544	Guscio	1673	1709	1706	1672	159	4	20.0
1545	Guscio	1814	1817	1808	1709	159	4	20.0
1546	Guscio	1674	1814	1709	1673	159	4	20.0
1547	Guscio	1821	1824	1817	1814	159	4	20.0
1548	Guscio	1829	1830	1824	1821	159	4	20.0
1549	Guscio	1675	1821	1814	1674	159	4	20.0
1550	Guscio	50	1829	1821	1675	159	4	20.0
1551	Guscio	1765	1766	1570	1590	159	4	20.0
1552	Setto	260	1933	1935	263	1	5	20.0
1553	Setto	263	1935	1936	265	1	5	20.0
1554	Setto	265	1936	1937	267	1	5	20.0
1555	Setto	267	1937	1938	269	1	5	20.0
1556	Setto	269	1938	1939	271	1	5	20.0
1557	Setto	271	1939	1940	273	1	5	20.0
1558	Setto	273	1940	1932	5	1	5	20.0
1559	Setto	6	1934	1933	260	1	5	20.0
1560	Setto	1942	66	712	1943	1	1	20.0
1561	Setto	1943	712	715	1946	1	1	20.0
1562	Setto	1946	715	717	1402	1	1	20.0
1563	Setto	1402	717	719	1944	1	1	20.0
1564	Setto	1944	719	721	1401	1	1	20.0
1565	Setto	1401	721	723	1945	1	1	20.0
1566	Setto	1945	723	725	1403	1	1	20.0
1567	Setto	1403	725	65	1941	1	1	20.0



16\_MOD\_NUMERAZIONE\_D3



16\_MOD\_NUMERAZIONE\_D3\_MACRO



16\_MOD\_NUMERAZIONE\_D3\_PARETI

# MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

## LEGENDA TABELLA DATI SOLAI-PANNELLI

Il programma utilizza per la modellazione elementi a tre o più nodi denominati in generale solaio o pannello.

Ogni elemento solaio-pannello è individuato da una poligonale di nodi 1,2, ..., N.

L'elemento solaio è utilizzato in primo luogo per la modellazione dei carichi agenti sugli elementi strutturali. In secondo luogo può essere utilizzato per la corretta ripartizione delle forze orizzontali agenti nel proprio piano.

L'elemento balcone è derivato dall'elemento solaio.

I carichi agenti sugli elementi solaio, raccolti in un archivio, sono direttamente assegnati agli elementi utilizzando le informazioni raccolte nell' archivio (es. i coefficienti combinatori). La tabella seguente riporta i dati utilizzati per la definizione dei carichi e delle masse.

L'elemento pannello è utilizzato solo per l'applicazione dei carichi, quali pesi delle tamponature o spinte dovute al vento o terre. In questo caso i carichi sono applicati in analogia agli altri elementi strutturali (si veda il cap. SCHEMATIZZAZIONE DEI CASI DI CARICO).

<b>Id.Arch.</b>	Identificativo dell' archivio
<b>Tipo</b>	Tipo di carico <b>Variab.</b> Carico variabile generico <b>Var. rid.</b> Carico variabile generico con riduzione in funzione dell' area (c.5.5. ...) <b>Neve</b> Carico di neve
<b>G1k</b>	carico permanente (comprensivo del peso proprio)
<b>G2k</b>	carico permanente non strutturale e non compiutamente definito
<b>Qk</b>	carico variabile
<b>Fatt. A</b>	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
<b>S sis.</b>	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
<b>Psi 0</b>	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: <b>per valore raro</b>
<b>Psi 1</b>	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: <b>per valore frequente</b>
<b>Psi 2</b>	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: <b>per valore quasi permanente</b>
<b>Psi S 2</b>	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: <b>per la definizione delle masse sismiche</b>
<b>Fatt. Fi</b>	Coefficiente di correlazione dei carichi per edifici

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione. In particolare per ogni elemento viene indicato in tabella:

<b>Elem</b>	numero dell'elemento
<b>Tipo</b>	codice di comportamento <b>S</b> elemento utilizzato solo per scarico <b>C</b> elemento utilizzato per scarico e per modellazione piano rigido <b>P</b> elemento utilizzato come pannello <b>M</b> scarico monodirezionale <b>B</b> scarico bidirezionale
<b>Id.Arch.</b>	Identificativo dell' archivio
<b>Mat</b>	codice del materiale assegnato all'elemento
<b>Spessore</b>	spessore dell'elemento (costante)
<b>Orditura</b>	angolo (rispetto all'asse X) della direzione dei travetti principali
<b>Gk</b>	carico permanente solaio (comprensivo del peso proprio)

<b>Qk</b>	carico variabile solaio
<b>Nodi</b>	numero dei nodi che definiscono l'elemento (5 per riga)

La progettazione viene eseguita con il metodo degli stati limite. I simboli utilizzati in tabella assumono il seguente significato:

<b>Elem.</b>	numero identificativo dell'elemento
<b>Stato</b>	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
<b>Note</b>	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m);
<b>Pos.</b>	Ascissa del punto di verifica
<b>F ist, F infi</b>	Frecce istantanee e a tempo infinito
<b>Momento</b>	Momento flettente
<b>Taglio</b>	Sollecitazione di taglio
<b>Af inf.</b>	Area di armatura longitudinale posta all'intradosso della trave
<b>Af sup.</b>	Area di armatura longitudinale posta all'estradosso della trave
<b>AfV</b>	Area dell'armatura atta ad assorbire le azioni di taglio
<b>Beff</b>	Base della sezione di cls per l'assorbimento del taglio
<b>x/d</b>	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
<b>verif.</b>	rapporto Sd/Su con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva
<b>Verif.V</b>	rapporto Sd/Su con sollecitazioni taglianti proporzionali valore minore o uguale a 1 per verifica positiva
<b>rRfck</b>	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
<b>rFfck</b>	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni freq. [normalizzato a 1]
<b>rPfck</b>	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi perm. [normalizzato a 1]
<b>rRfyk</b>	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni frequenti [normalizzato a 1]
<b>rFyk</b>	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
<b>rPfyk</b>	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni quasi permanenti [normalizzato a 1]
<b>wR</b>	apertura caratteristica delle fessure in combinazioni rare [mm]
<b>wF</b>	apertura caratteristica delle fessure in combinazioni frequenti [mm]
<b>wP</b>	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]

Nel caso in cui si sia proceduto alla verifica delle tamponature secondo il D.M. 17.01.2018 - §7.2.3 viene riportata una tabella riassuntiva delle verifiche degli elementi pannello. La verifica confronta i momenti sollecitanti indotti dal sisma con i momenti resistenti, secondo tre ipotesi, due basate sulla resistenza a pressoflessione della tamponatura ed una basata sul cinematisma a seguito della formazione di tre cerniere plastiche sulla tamponatura (rif. Ufficio di Vigilanza sulle Costruzioni, Provincia di Terni).

Qualora la tamponatura sia di tipo antiespulsione (nelle due possibili varianti ordinaria o armata) viene condotta una verifica con meccanismo ad arco con degrado di resistenza. La verifica confronta le pressioni sollecitanti indotte dal sisma con le pressioni resistenti che la tamponatura sviluppa attraverso il meccanismo ad arco. La verifica considera anche il degrado di resistenza dovuto al danneggiamento nel piano della tamponatura.

Per quest'ultima tamponatura sono disponibili, in funzione del materiale impiegato (materiale [52] o materiale [53]):

- **Tamponatura Antiespulsione ordinaria Poroton® Cis Edil** sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova.

Utilizzabile per il materiale [52].

- **Tamponatura Antiespulsione armata Poroton® Cis Edil** sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova.  
Utilizzabile per il materiale [53].

La verifica è stata calibrata sulla base di prove sperimentali sul sistema di Tamponatura Antiespulsione anche in presenza di aperture.

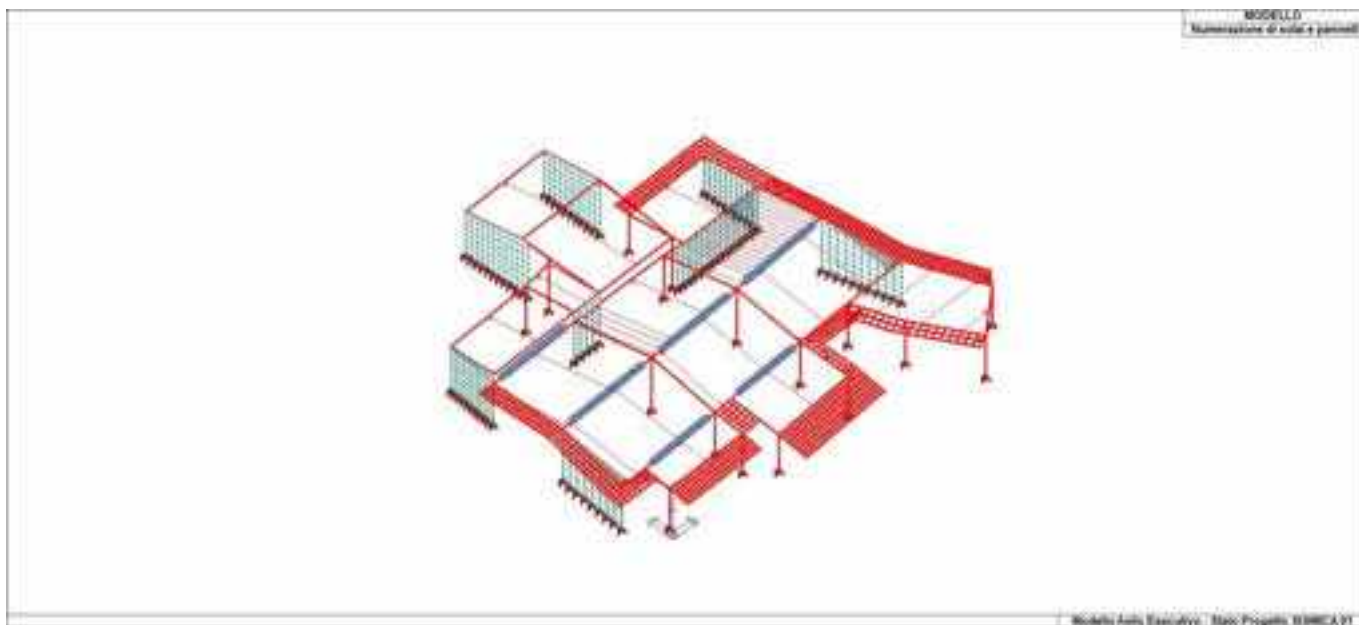
(rif. Rapporti di Prova redatti dal Dipartimento ICEA - Università degli Studi di Padova di test sperimentali condotti sul sistema Tamponatura Antiespulsione di Cis Edil)

In particolare i simboli utilizzati in tabella assumono il seguente significato:

<b>Elem.</b>	Numero identificativo dell'elemento
<b>Stato</b>	Codice di verifica
<b>Ver. c.c.</b>	Verifica nell'ipotesi di trave appoggiata con carico concentrato in mezzeria
<b>Ver. c.d.</b>	Verifica nell'ipotesi di trave appoggiata con carico distribuito
<b>Ver. c.cin.</b>	Verifica nell'ipotesi di cinematismo con formazione di cerniere plastiche in appoggio e mezzeria
<b>Ver. CIS</b>	Rapporto pa/pr (valore minore o uguale a 1 per verifica positiva)
<b>Z</b>	Quota del baricentro dell'elemento
<b>T1</b>	Periodo proprio dell'edificio nella direzione di interesse (ortogonale al pannello)
<b>Ta</b>	Periodo proprio della parete
<b>Sa</b>	Accelerazione massima, adimensionalizzata allo SLV
<b>pa</b>	Pressione sulla parete causata dall'azione sismica
<b>pr</b>	Pressione resistente del meccanismo ad arco
<b>Drift</b>	Spostamento relativo interpiano allo SLV valutato secondo il D.M. 14.01.2018 - § 7.3.3.3
<b>Beta a</b>	Coef. riduttivo per tener conto del danneggiamento del piano dipendente dallo spostamento, ottenuto sperimentalmente

ID Arch.	Tipo	G1	G2	Q	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
1	Neve Variab.	300.00	100.00	80.00 5.00e-03		1.00	0.50 0.0	0.20 0.0	0.0 0.0	0.0	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1	G2	Q	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						daN/ m2	daN/ m2	daN/ m2					
1	CM	1	m=159	4.0	-2.3	300.00	100.00	80.00	18	17	15	20	
2	CM	1	m=159	4.0	-3.4	300.00	100.00	80.00	30	22	24	31	
3	CM	1	m=159	4.0	-0.9	300.00	100.00	80.00	33	48	50	42	
4	CM	1	m=159	4.0	-0.3	300.00	100.00	80.00	42	67	44	26	24
5	CM	1	m=159	4.0	-3.4	300.00	100.00	80.00	54	52	44	67	
6	CM	1	m=159	4.0	-3.4	300.00	100.00	80.00	26	44	56	46	589
									604	613	622	631	640
									649	658	667	28	
7	CM	1	m=159	4.0	-2.3	300.00	100.00	80.00	20	15	13	32	
8	CM	1	m=159	4.0	86.8	300.00	100.00	80.00	58	60	62	46	56
9	CM	1	m=159	4.0	-4.2	300.00	100.00	80.00	26	64	490	703	693
									683	474	24		
10	CM	1	m=159	4.0	-2.9	300.00	100.00	80.00	36	38	69	66	
11	CM	1	m=159	4.0	-2.4	300.00	100.00	80.00	8	4	2	6	
12	CM	1	m=159	4.0	-2.3	300.00	100.00	80.00	6	13	10	8	
13	CM	1	m=159	4.0	-3.4	300.00	100.00	80.00	22	580	581	582	583
									584	585	586	40	33
									42	24			
14	CM	1	m=159	4.0	-4.2	300.00	100.00	80.00	26	28	36	846	837
									828	819	810	801	792
									783	774	765	756	747
									738	729	714	66	1942
									64				



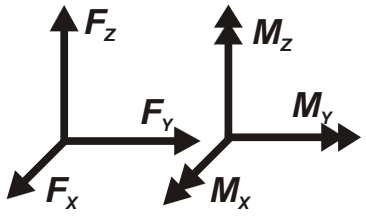
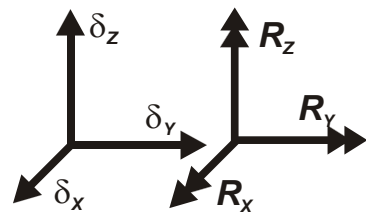
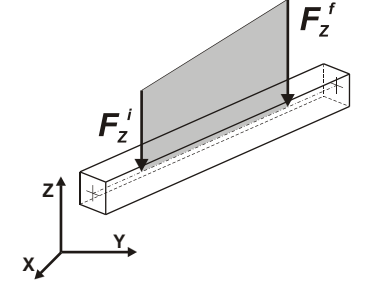
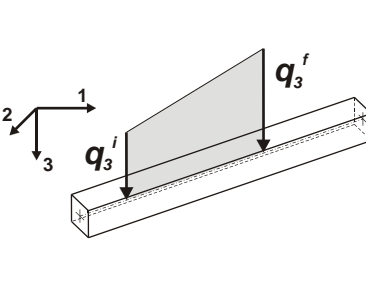
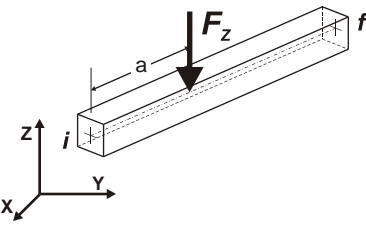
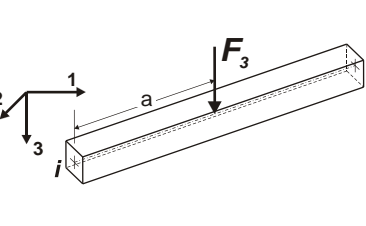
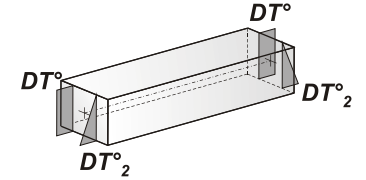
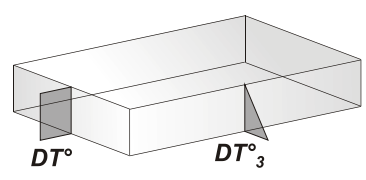
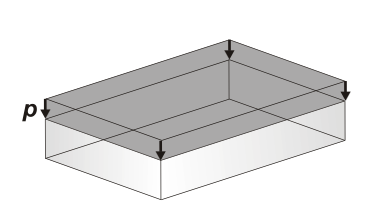
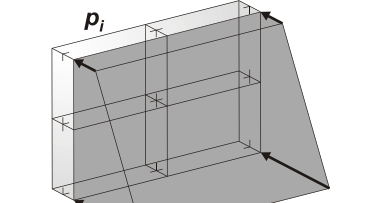
17\_MOD\_NUMERAZIONE\_SOLAI

# MODELLAZIONE DELLE AZIONI

## LEGENDA TABELLA DATI AZIONI

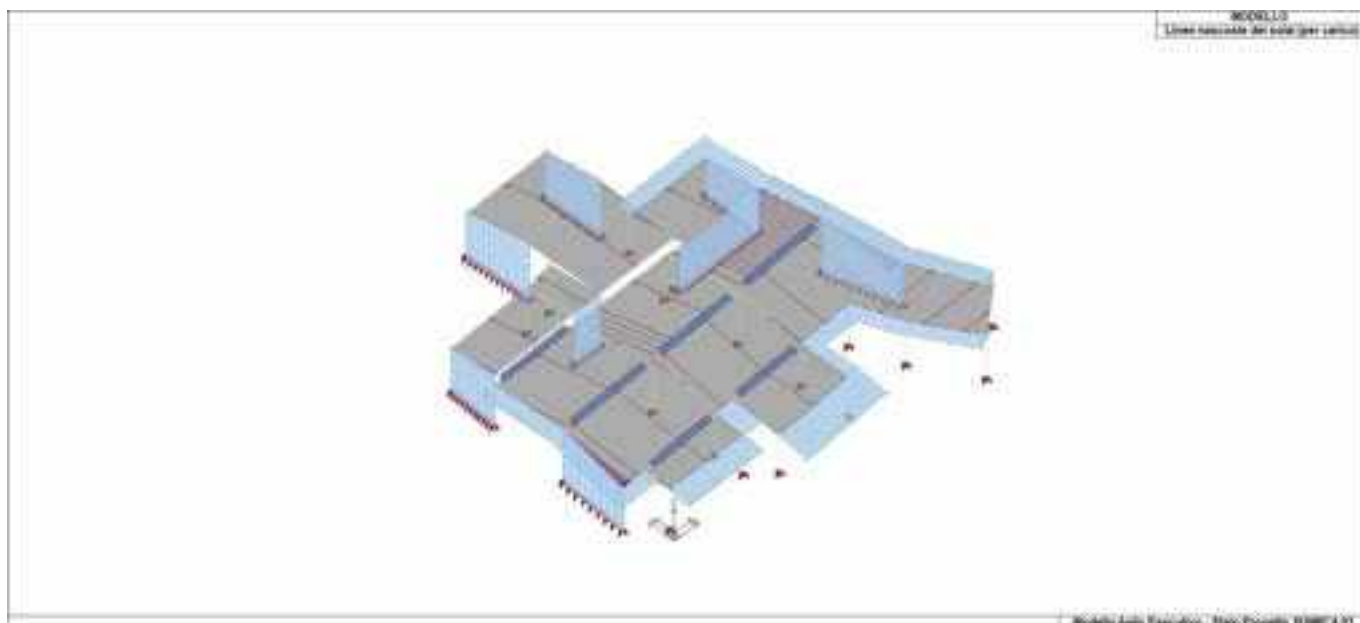
Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

<b>1</b>	<b>carico concentrato nodale</b> 6 dati (forza $F_x$ , $F_y$ , $F_z$ , momento $M_x$ , $M_y$ , $M_z$ )
<b>2</b>	<b>spostamento nodale impresso</b> 6 dati (spostamento $T_x$ , $T_y$ , $T_z$ , rotazione $R_x$ , $R_y$ , $R_z$ )
<b>3</b>	<b>carico distribuito globale su elemento tipo trave</b> 7 dati ( $f_x$ , $f_y$ , $f_z$ , $m_x$ , $m_y$ , $m_z$ , ascissa di inizio carico) 7 dati ( $f_x$ , $f_y$ , $f_z$ , $m_x$ , $m_y$ , $m_z$ , ascissa di fine carico)
<b>4</b>	<b>carico distribuito locale su elemento tipo trave</b> 7 dati ( $f_1$ , $f_2$ , $f_3$ , $m_1$ , $m_2$ , $m_3$ , ascissa di inizio carico) 7 dati ( $f_1$ , $f_2$ , $f_3$ , $m_1$ , $m_2$ , $m_3$ , ascissa di fine carico)
<b>5</b>	<b>carico concentrato globale su elemento tipo trave</b> 7 dati ( $F_x$ , $F_y$ , $F_z$ , $M_x$ , $M_y$ , $M_z$ , ascissa di carico)
<b>6</b>	<b>carico concentrato locale su elemento tipo trave</b> 7 dati ( $F_1$ , $F_2$ , $F_3$ , $M_1$ , $M_2$ , $M_3$ , ascissa di carico)
<b>7</b>	<b>variazione termica applicata ad elemento tipo trave</b> 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
<b>8</b>	<b>carico di pressione uniforme su elemento tipo piastra</b> 1 dato (pressione)
<b>9</b>	<b>carico di pressione variabile su elemento tipo piastra</b> 4 dati (pressione, quota, pressione, quota)
<b>10</b>	<b>variazione termica applicata ad elemento tipo piastra</b> 2 dati (variazioni termiche: media e differenza nello spessore)
<b>11</b>	<b>carico variabile generale su elementi tipo trave e piastra</b> 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
<b>12</b>	<b>gruppo di carichi con impronta su piastra</b> 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell'impronta, interasse tra i carichi)

 <p>Carico concentrato nodale</p>	 <p>Spostamento impresso</p>
 <p>Carico distribuito globale</p>	 <p>Carico distribuito locale</p>
 <p>Carico concentrato globale</p>	 <p>Carico concentrato locale</p>
 <p>Carico termico 2D</p>	 <p>Carico termico 3D</p>
 <p>Carico pressione uniforme</p>	 <p>Carico pressione variabile</p>

Tipo carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/ m2
1	Carico neve - P3:p=-8.000e-03	-80.00



21\_CAR\_CARICHI\_SOLAI

# SCHEMATIZZAZIONE DEI CASI DI CARICO

## LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.  
Sono previsti i seguenti 11 tipi di casi di carico:

	<b>Sigla</b>	<b>Tipo</b>	<b>Descrizione</b>
<b>1</b>	<b>Ggk</b>	A	caso di carico comprensivo del peso proprio struttura
<b>2</b>	<b>Gk</b>	NA	caso di carico con azioni permanenti
<b>3</b>	<b>Qk</b>	NA	caso di carico con azioni variabili
<b>4</b>	<b>Gsk</b>	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
<b>5</b>	<b>Qsk</b>	A	caso di carico comprensivo dei carichi variabili sui solai
<b>6</b>	<b>Qnk</b>	A	caso di carico comprensivo dei carichi di neve sulle coperture
<b>7</b>	<b>Qtk</b>	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
<b>8</b>	<b>Qvk</b>	NA	caso di carico comprensivo di azioni da vento sulla struttura
<b>9</b>	<b>Esk</b>	SA	caso di carico sismico con analisi statica equivalente
<b>10</b>	<b>Edk</b>	SA	caso di carico sismico con analisi dinamica
<b>11</b>	<b>Etk</b>	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
<b>12</b>	<b>Pk</b>	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:

7-Qtk, in quanto richiede solo il valore della variazione termica;

9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:

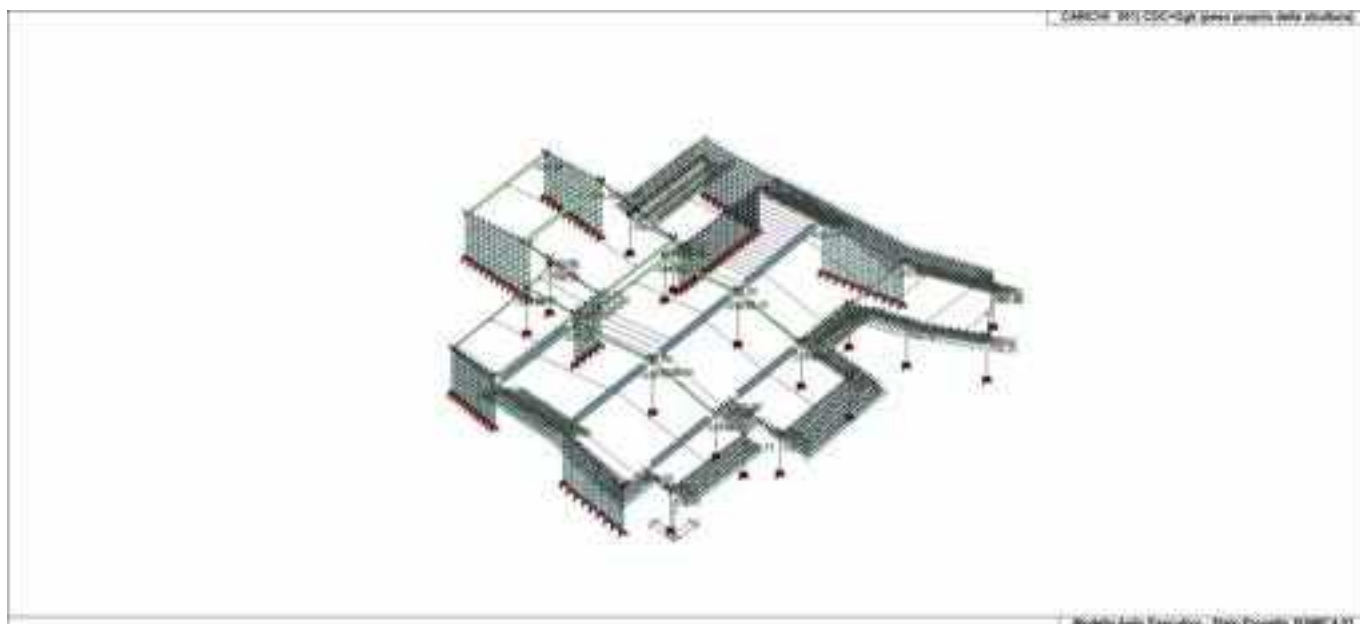
*Numero Tipo e Sigla identificativa, Valore di riferimento del caso di carico (se previsto).*

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

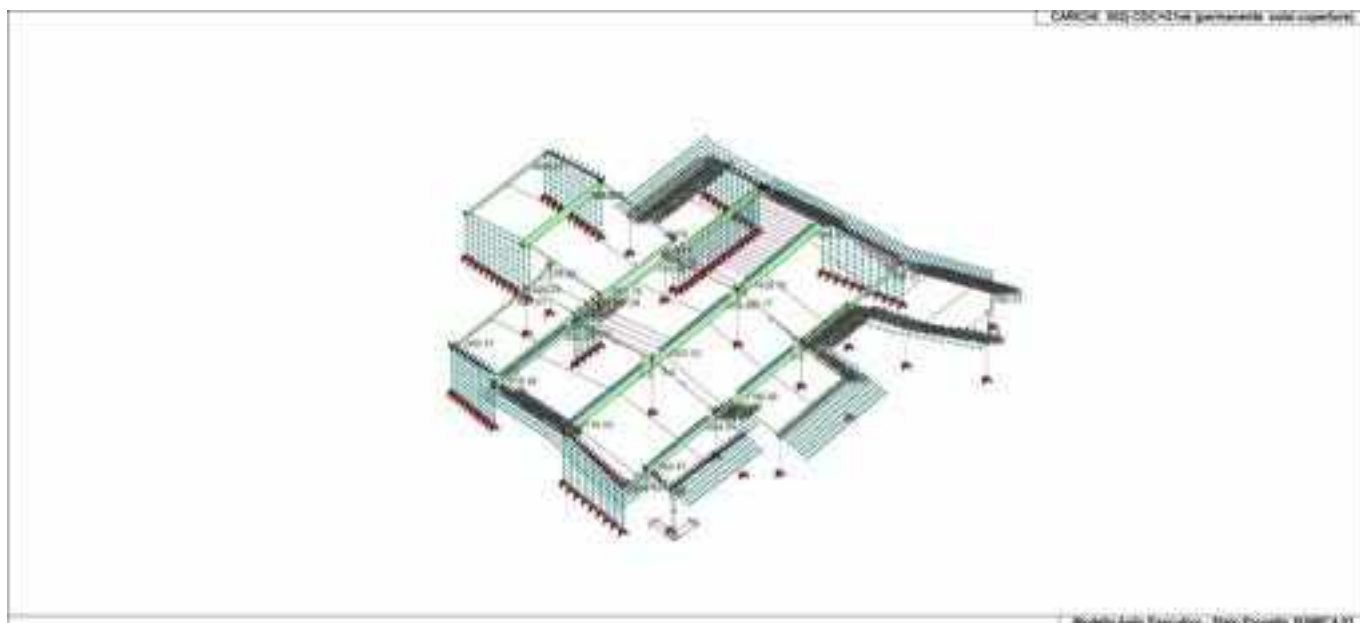
Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note	Per non automatici:
1	Ggk	CDC=Ggk (peso proprio della struttura)		
2	Gsk	CDC=G1sk (permanente solai-coperture)		
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)		
4	Qsk	CDC=Qsk (variabile solai)		
5	Qnk	CDC=Qnk (carico da neve)		

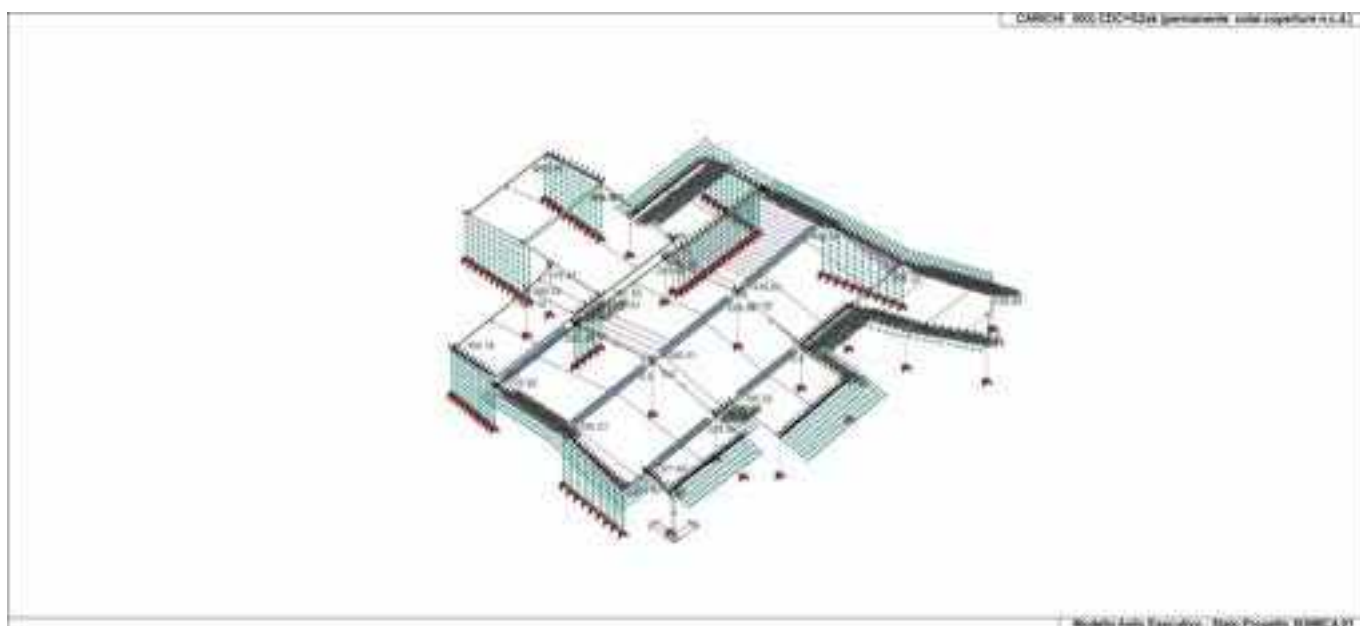
CDC	Tipo	Sigla Id	Note	Per non automatici:
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)	
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)	
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)	
			partecipazione:1.00 per 4 CDC=Qsk (variabile solai)	
			partecipazione:1.00 per 5 CDC=Qnk (carico da neve)	
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico	
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico	
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico	
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico	
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico	
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico	
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico	
14	Qk	CDC=Qk (variabile generico) .....	Azioni applicate: [1] Carico neve - P3:p=-8.000e-03	Ad elementi: D3: 670 # 1109, 1128 # 1515, 1517 # 1551
15	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	come precedente CDC sismico	
16	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	come precedente CDC sismico	
17	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	come precedente CDC sismico	
18	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	come precedente CDC sismico	



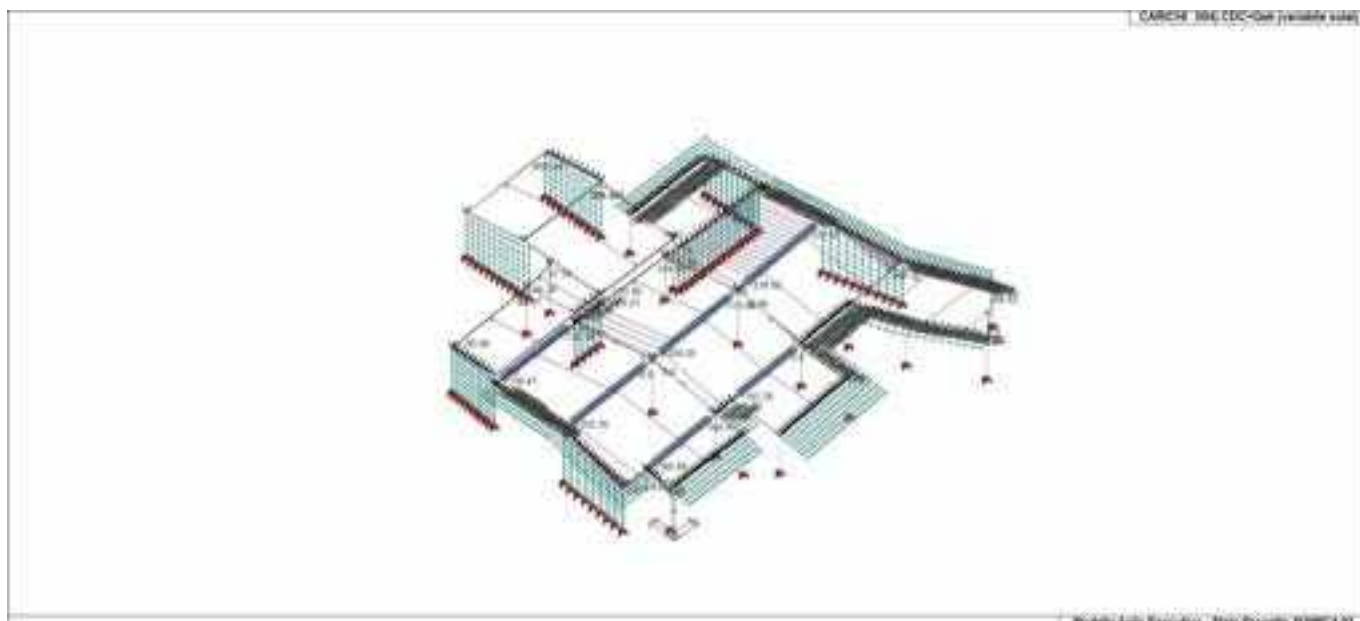
22\_CDC\_001\_CDCGgk peso proprio della struttura



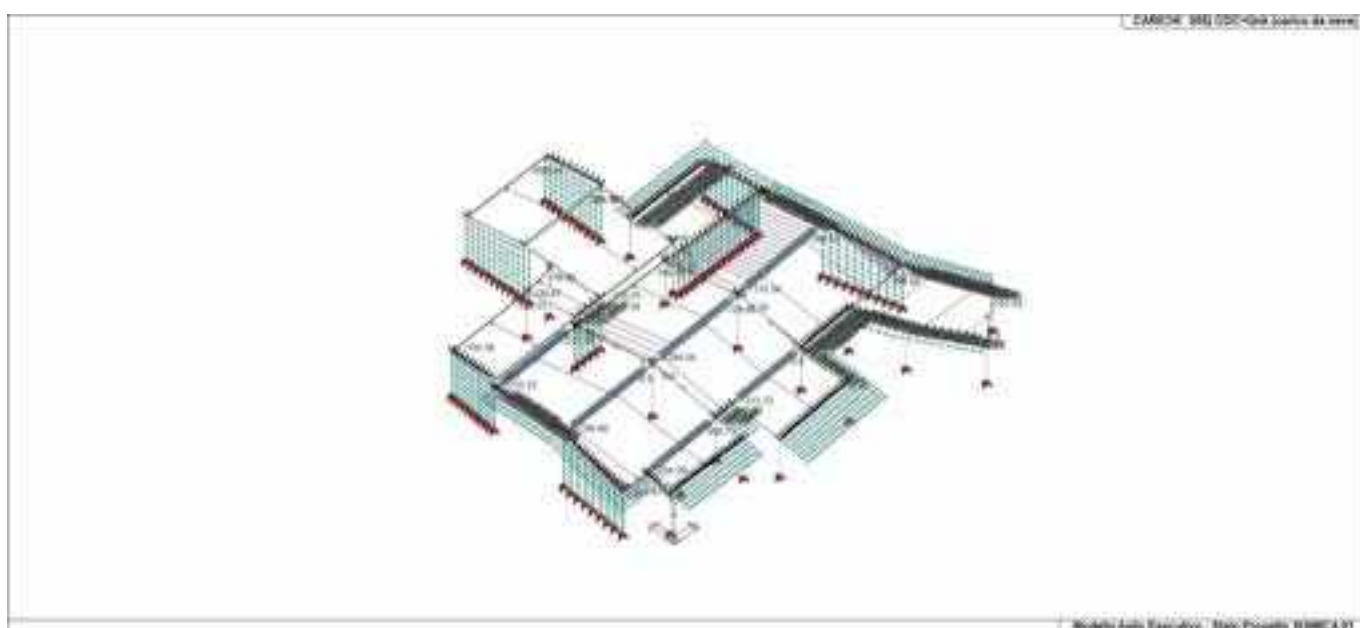
22\_CDC\_002\_CDCG1sk permanente solai-coperture



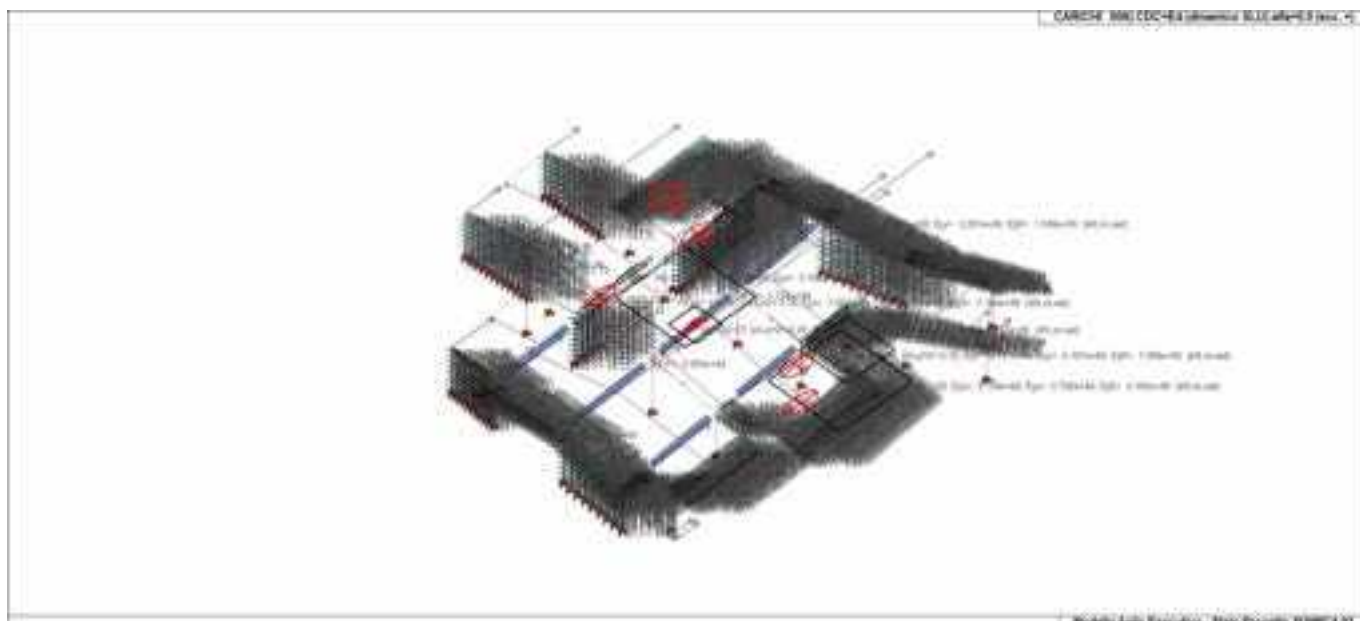
22\_CDC\_003\_CDCG2sk permanente solai-coperture ncd



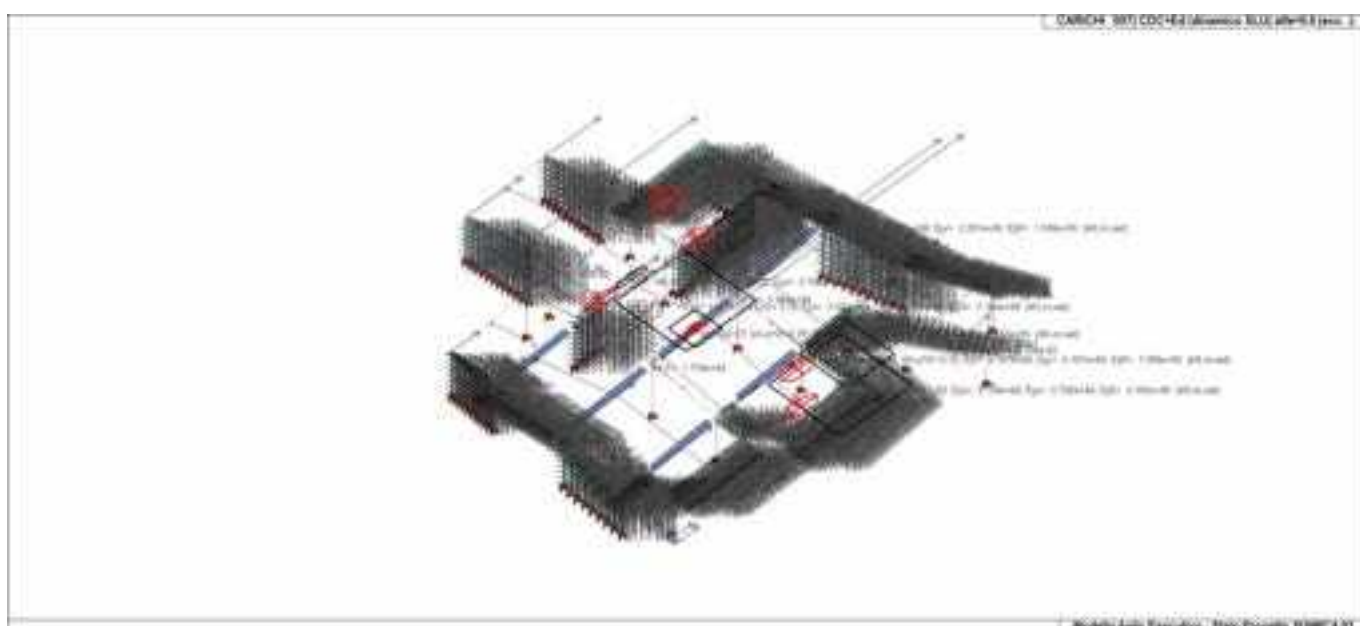
22\_CDC\_004\_CDCQsk variabile solai



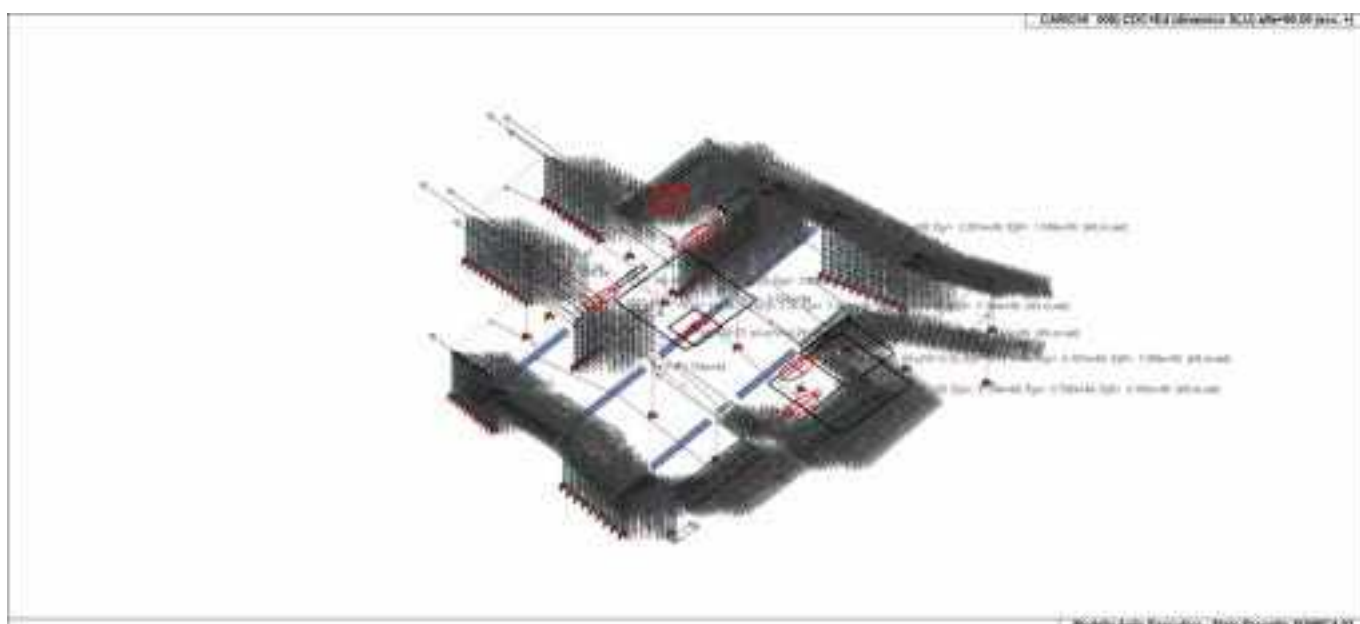
22\_CDC\_005\_CDCQnk carico da neve



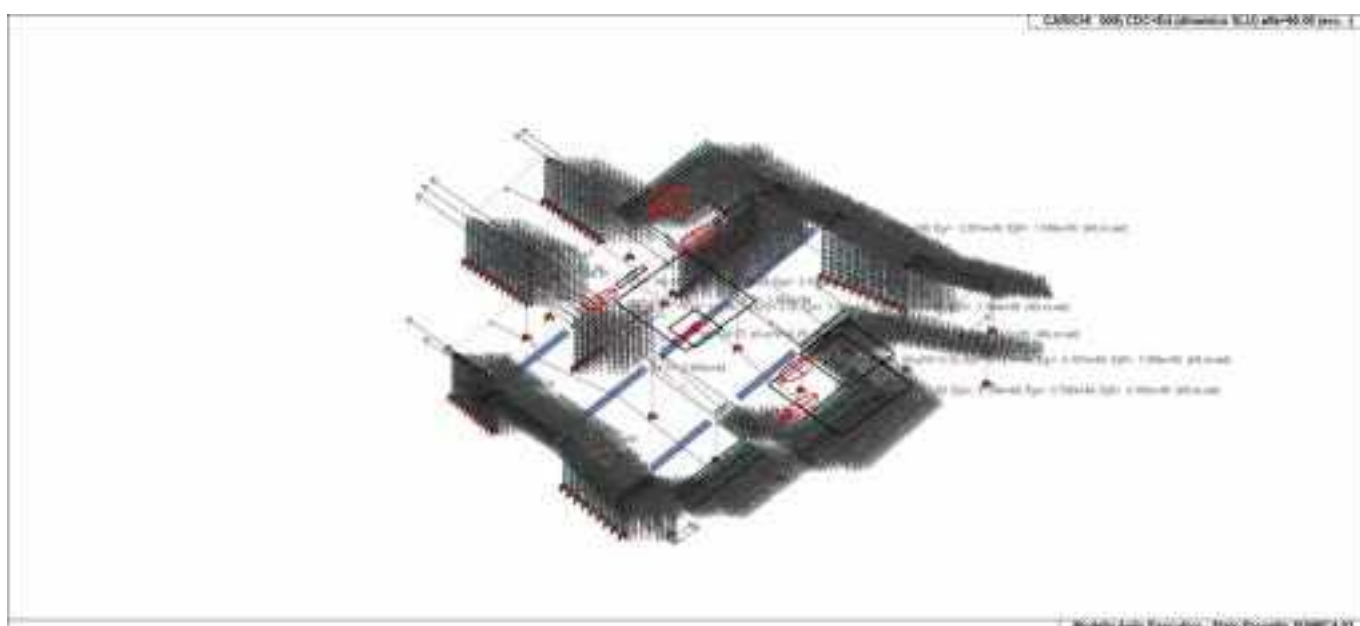
22\_CDC\_006\_CDCEd dinamico SLU alfa00 ecc +



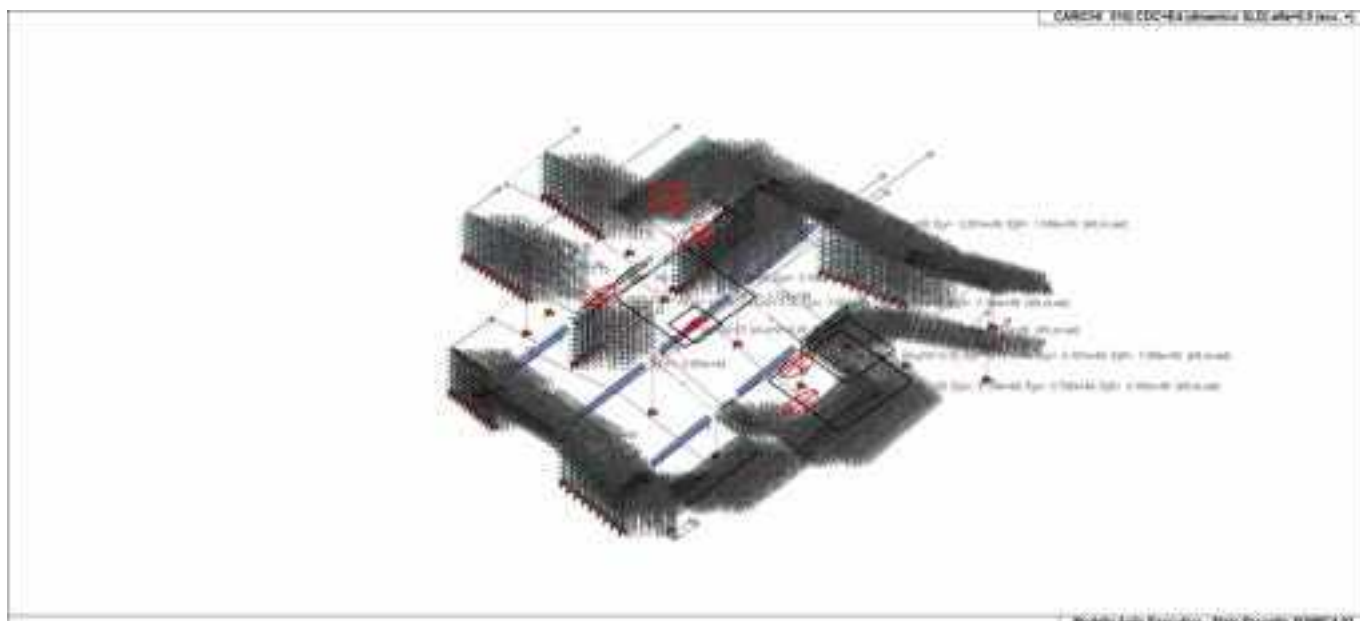
22\_CDC\_007\_CDCEd dinamico SLU alfa00 ecc -



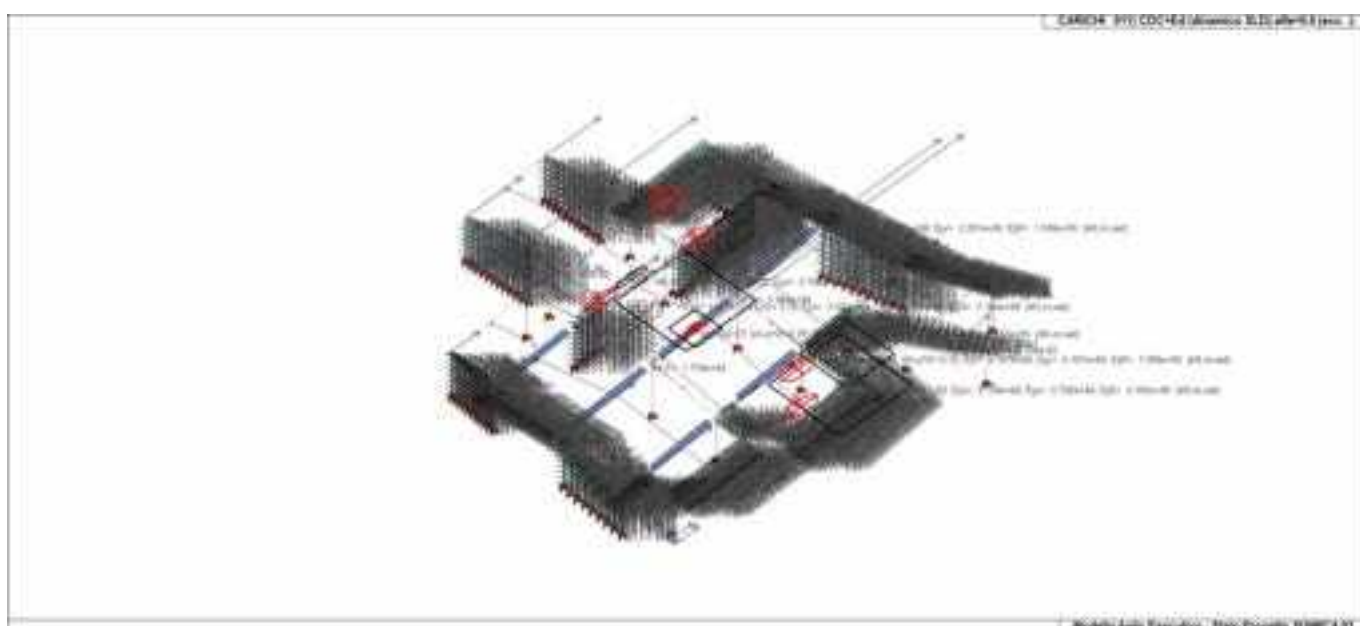
22\_CDC\_008\_CDCEd dinamico SLU alfa9000 ecc +



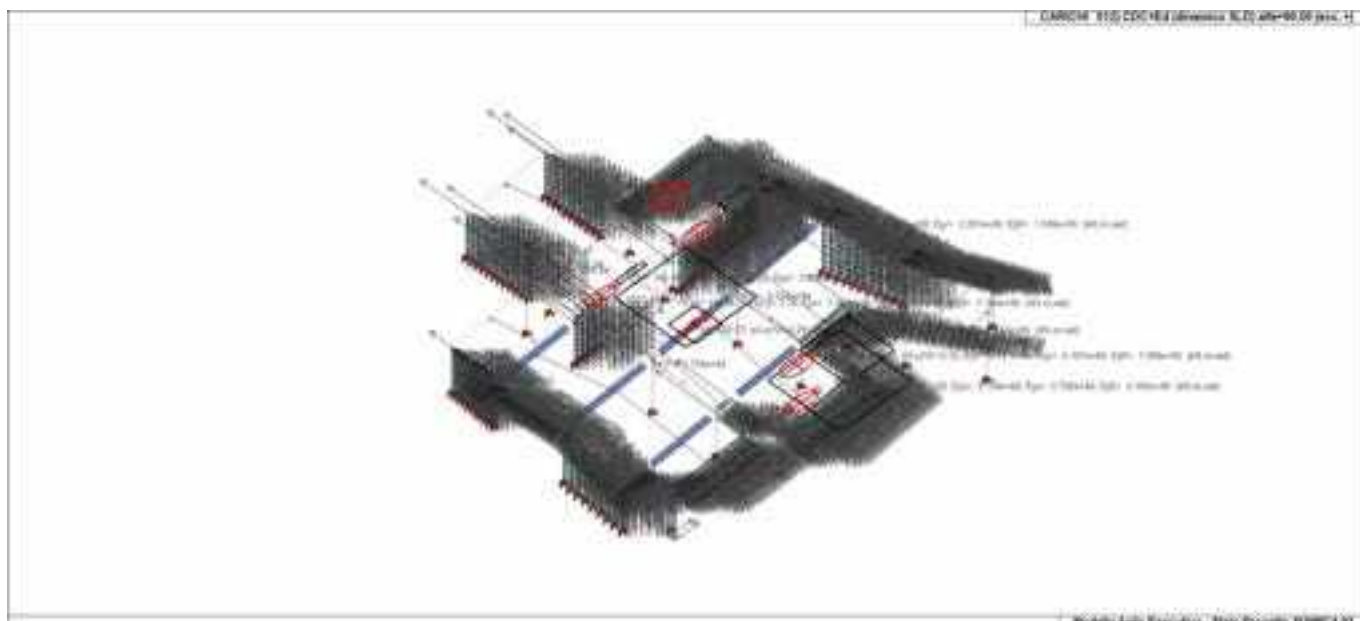
22\_CDC\_009\_CDCEd dinamico SLU alfa9000 ecc -



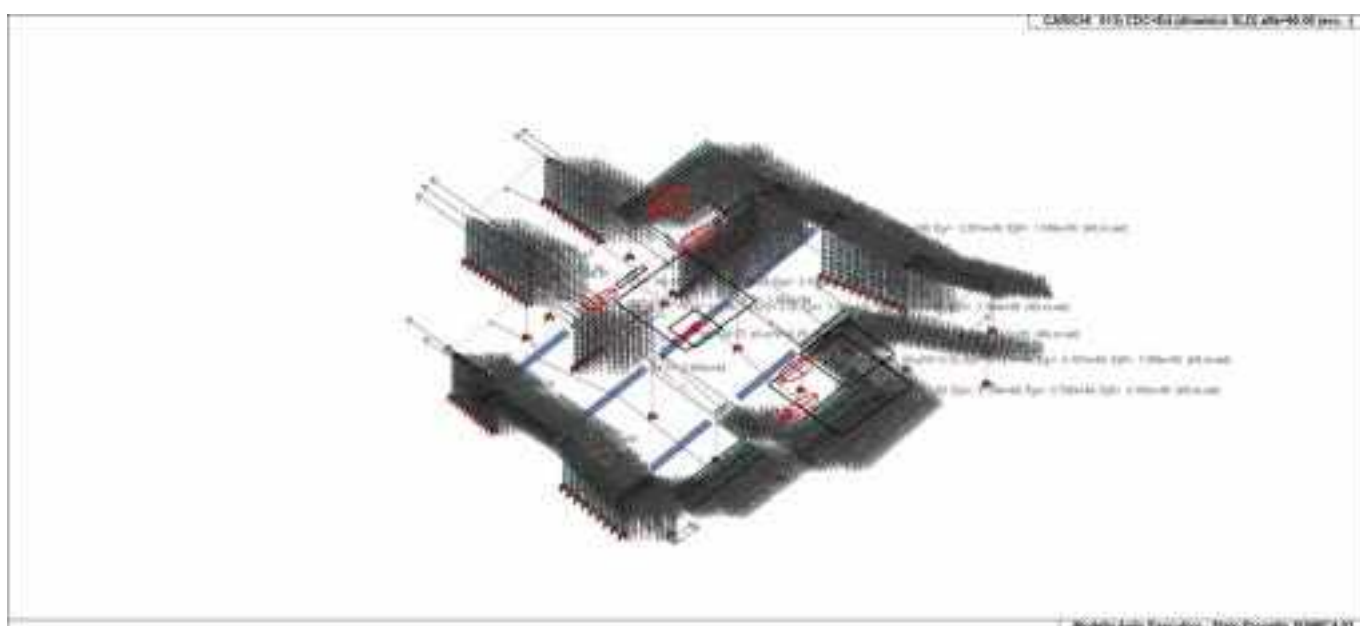
22\_CDC\_010\_CDCEd dinamico SLD alfa00 ecc +



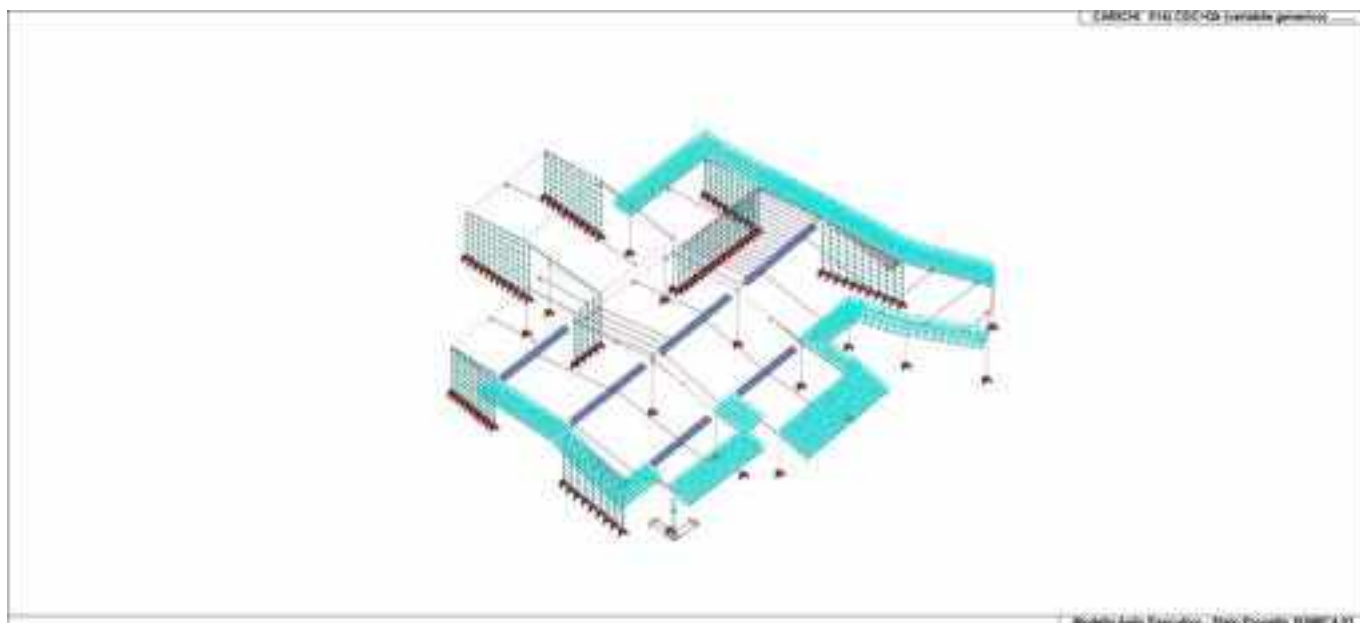
22\_CDC\_011\_CDCEd dinamico SLD alfa00 ecc -



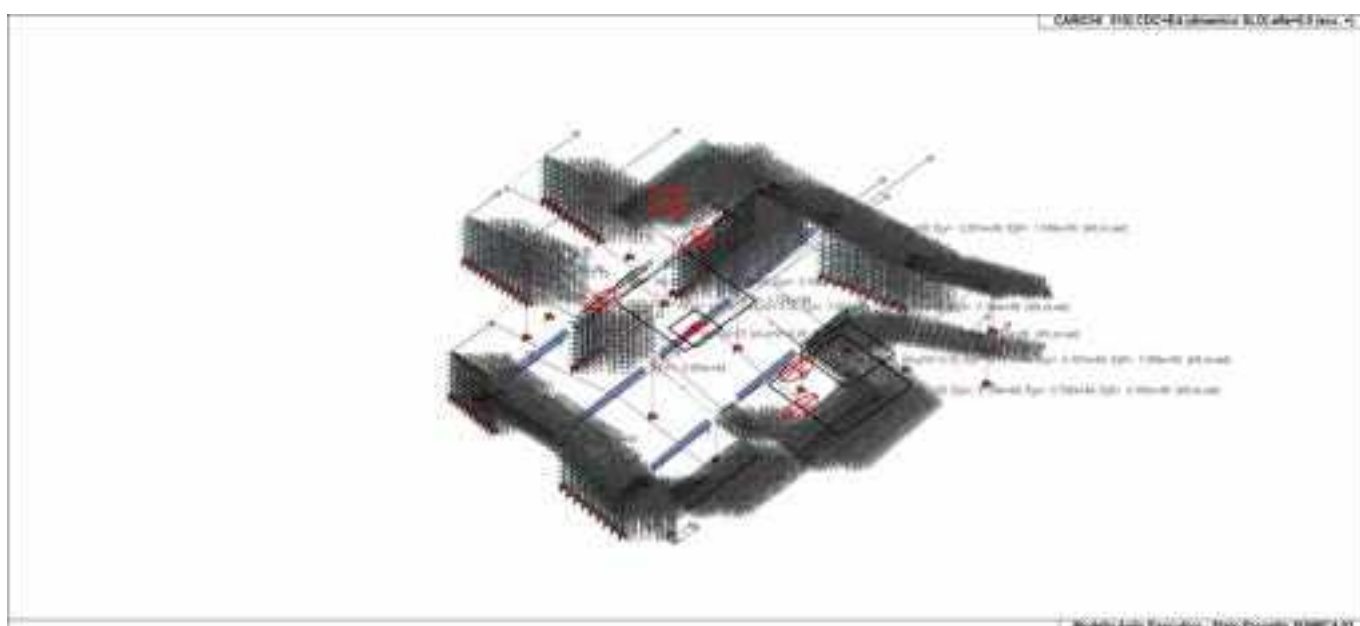
22\_CDC\_012\_CDCEd dinamico SLD alfa9000 ecc +



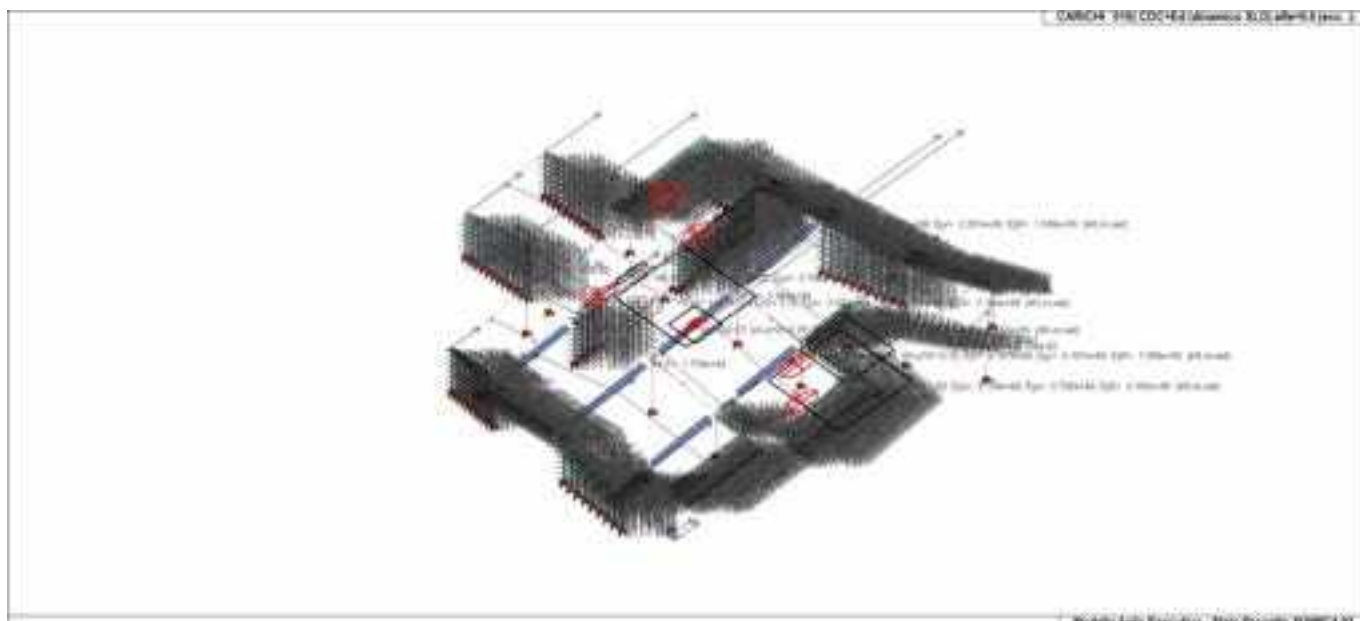
22\_CDC\_013\_CDCEd dinamico SLD alfa9000 ecc -



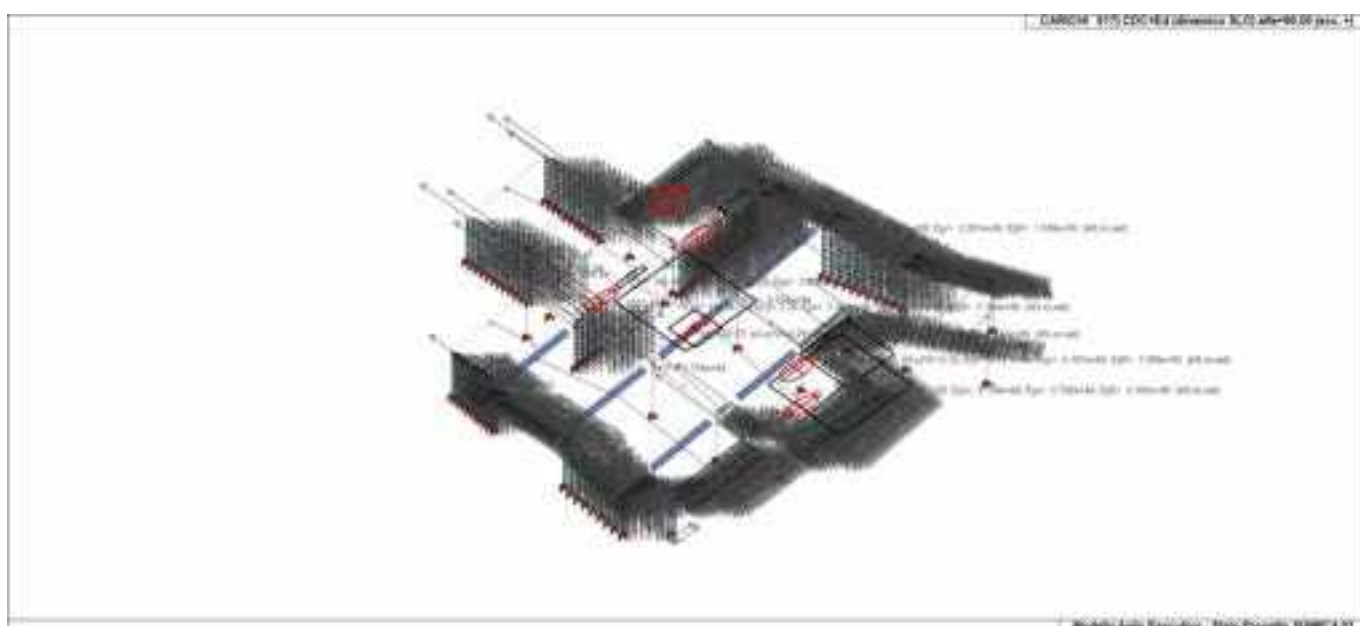
22\_CDC\_014\_CDCQk variabile generico



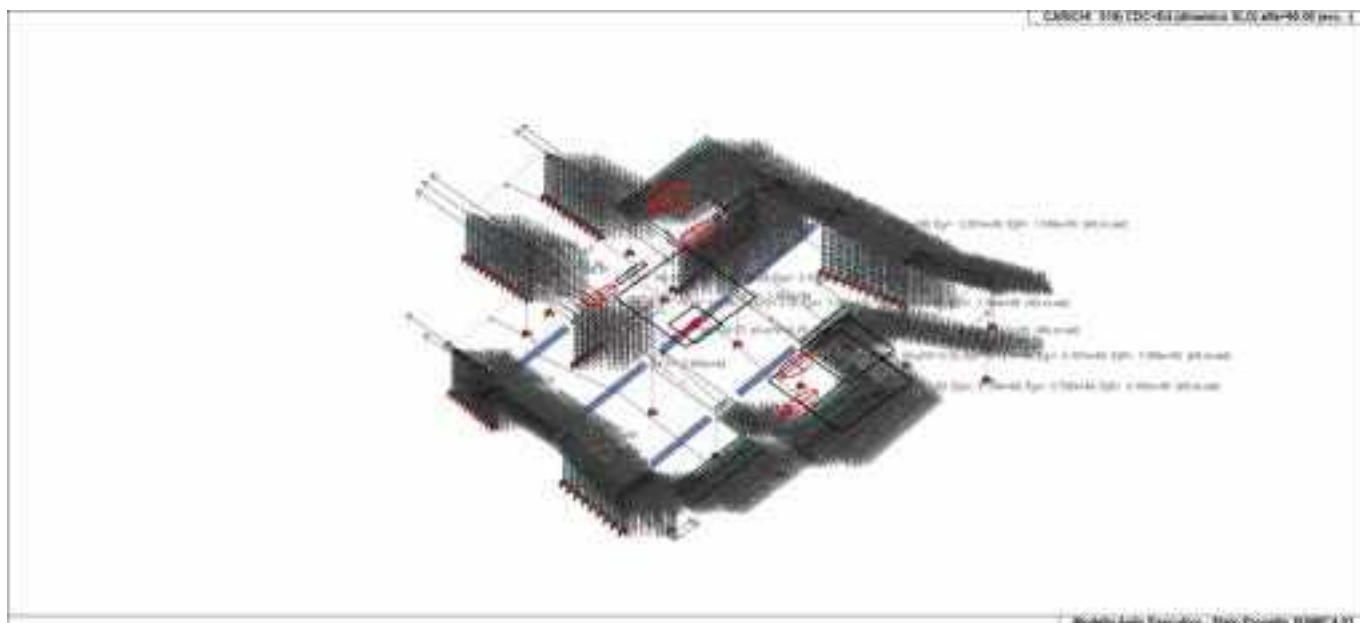
22\_CDC\_015\_CDCEd dinamico SLO alfa00 ecc +



22\_CDC\_016\_CDCEd dinamico SLO alfa00 ecc -



22\_CDC\_017\_CDCEd dinamico SLO alfa9000 ecc +



22\_CDC\_018\_CDCEd dinamico SLO alfa9000 ecc -

# DEFINIZIONE DELLE COMBINAZIONI

## LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente. Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

### Combinazione fondamentale SLU

$$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \dots$$

### Combinazione caratteristica (rara) SLE

$$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \dots$$

### Combinazione frequente SLE

$$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \dots$$

### Combinazione quasi permanente SLE

$$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \dots$$

### Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \dots$$

### Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G1 + G2 + Ad + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \dots$$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	$\psi 0$	$\psi 1$	$\psi 2$
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,...	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli $\leq 30kN$ )	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli $> 30kN$ )	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota $\leq 1000\text{ m}$	0,50	0,20	0,00
Neve a quota $> 1000\text{ m}$	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

Coefficiente	<b>EQU</b>	<b>A1</b>	<b>A2</b>
$\gamma f$			

<i>Carichi permanenti</i>	<i>Favorevoli</i>	$\gamma G1$	0,9	1,0	1,0
	<i>Sfavorevoli</i>		1,1	1,3	1,0
<i>Carichi permanenti non strutturali</i>	<i>Favorevoli</i>	$\gamma G2$	0,8	0,8	0,8
(Non compiutamente definiti)	<i>Sfavorevoli</i>		1,5	1,5	1,3
<i>Carichi variabili</i>	<i>Favorevoli</i>	$\gamma Qi$	0,0	0,0	0,0
	<i>Sfavorevoli</i>		1,5	1,5	1,3

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 (SLV sism.) 1	
2	SLU	Comb. SLU A1 (SLV sism.) 2	
3	SLU	Comb. SLU A1 (SLV sism.) 3	
4	SLU	Comb. SLU A1 (SLV sism.) 4	
5	SLU	Comb. SLU A1 (SLV sism.) 5	
6	SLU	Comb. SLU A1 (SLV sism.) 6	
7	SLU	Comb. SLU A1 (SLV sism.) 7	
8	SLU	Comb. SLU A1 (SLV sism.) 8	
9	SLU	Comb. SLU A1 (SLV sism.) 9	
10	SLU	Comb. SLU A1 (SLV sism.) 10	
11	SLU	Comb. SLU A1 (SLV sism.) 11	
12	SLU	Comb. SLU A1 (SLV sism.) 12	
13	SLU	Comb. SLU A1 (SLV sism.) 13	
14	SLU	Comb. SLU A1 (SLV sism.) 14	
15	SLU	Comb. SLU A1 (SLV sism.) 15	
16	SLU	Comb. SLU A1 (SLV sism.) 16	
17	SLU	Comb. SLU A1 (SLV sism.) 17	
18	SLU	Comb. SLU A1 (SLV sism.) 18	
19	SLU	Comb. SLU A1 (SLV sism.) 19	
20	SLU	Comb. SLU A1 (SLV sism.) 20	
21	SLU	Comb. SLU A1 (SLV sism.) 21	
22	SLU	Comb. SLU A1 (SLV sism.) 22	
23	SLU	Comb. SLU A1 (SLV sism.) 23	
24	SLU	Comb. SLU A1 (SLV sism.) 24	
25	SLU	Comb. SLU A1 (SLV sism.) 25	
26	SLU	Comb. SLU A1 (SLV sism.) 26	
27	SLU	Comb. SLU A1 (SLV sism.) 27	
28	SLU	Comb. SLU A1 (SLV sism.) 28	
29	SLU	Comb. SLU A1 (SLV sism.) 29	
30	SLU	Comb. SLU A1 (SLV sism.) 30	
31	SLU	Comb. SLU A1 (SLV sism.) 31	
32	SLU	Comb. SLU A1 (SLV sism.) 32	
33	SLE(sis)	Comb. SLE (SLD Danno sism.) 33	
34	SLE(sis)	Comb. SLE (SLD Danno sism.) 34	
35	SLE(sis)	Comb. SLE (SLD Danno sism.) 35	
36	SLE(sis)	Comb. SLE (SLD Danno sism.) 36	
37	SLE(sis)	Comb. SLE (SLD Danno sism.) 37	
38	SLE(sis)	Comb. SLE (SLD Danno sism.) 38	
39	SLE(sis)	Comb. SLE (SLD Danno sism.) 39	
40	SLE(sis)	Comb. SLE (SLD Danno sism.) 40	
41	SLE(sis)	Comb. SLE (SLD Danno sism.) 41	
42	SLE(sis)	Comb. SLE (SLD Danno sism.) 42	
43	SLE(sis)	Comb. SLE (SLD Danno sism.) 43	
44	SLE(sis)	Comb. SLE (SLD Danno sism.) 44	
45	SLE(sis)	Comb. SLE (SLD Danno sism.) 45	
46	SLE(sis)	Comb. SLE (SLD Danno sism.) 46	
47	SLE(sis)	Comb. SLE (SLD Danno sism.) 47	
48	SLE(sis)	Comb. SLE (SLD Danno sism.) 48	
49	SLE(sis)	Comb. SLE (SLD Danno sism.) 49	
50	SLE(sis)	Comb. SLE (SLD Danno sism.) 50	
51	SLE(sis)	Comb. SLE (SLD Danno sism.) 51	
52	SLE(sis)	Comb. SLE (SLD Danno sism.) 52	
53	SLE(sis)	Comb. SLE (SLD Danno sism.) 53	
54	SLE(sis)	Comb. SLE (SLD Danno sism.) 54	
55	SLE(sis)	Comb. SLE (SLD Danno sism.) 55	
56	SLE(sis)	Comb. SLE (SLD Danno sism.) 56	
57	SLE(sis)	Comb. SLE (SLD Danno sism.) 57	

Cmb	Tipo	Sigla Id	effetto P-delta
58	SLE(sis)	Comb. SLE (SLD Danno sism.) 58	
59	SLE(sis)	Comb. SLE (SLD Danno sism.) 59	
60	SLE(sis)	Comb. SLE (SLD Danno sism.) 60	
61	SLE(sis)	Comb. SLE (SLD Danno sism.) 61	
62	SLE(sis)	Comb. SLE (SLD Danno sism.) 62	
63	SLE(sis)	Comb. SLE (SLD Danno sism.) 63	
64	SLE(sis)	Comb. SLE (SLD Danno sism.) 64	
65	SLE(sis)	Comb. SLE (SLO Operativo sism.) 65	
66	SLE(sis)	Comb. SLE (SLO Operativo sism.) 66	
67	SLE(sis)	Comb. SLE (SLO Operativo sism.) 67	
68	SLE(sis)	Comb. SLE (SLO Operativo sism.) 68	
69	SLE(sis)	Comb. SLE (SLO Operativo sism.) 69	
70	SLE(sis)	Comb. SLE (SLO Operativo sism.) 70	
71	SLE(sis)	Comb. SLE (SLO Operativo sism.) 71	
72	SLE(sis)	Comb. SLE (SLO Operativo sism.) 72	
73	SLE(sis)	Comb. SLE (SLO Operativo sism.) 73	
74	SLE(sis)	Comb. SLE (SLO Operativo sism.) 74	
75	SLE(sis)	Comb. SLE (SLO Operativo sism.) 75	
76	SLE(sis)	Comb. SLE (SLO Operativo sism.) 76	
77	SLE(sis)	Comb. SLE (SLO Operativo sism.) 77	
78	SLE(sis)	Comb. SLE (SLO Operativo sism.) 78	
79	SLE(sis)	Comb. SLE (SLO Operativo sism.) 79	
80	SLE(sis)	Comb. SLE (SLO Operativo sism.) 80	
81	SLE(sis)	Comb. SLE (SLO Operativo sism.) 81	
82	SLE(sis)	Comb. SLE (SLO Operativo sism.) 82	
83	SLE(sis)	Comb. SLE (SLO Operativo sism.) 83	
84	SLE(sis)	Comb. SLE (SLO Operativo sism.) 84	
85	SLE(sis)	Comb. SLE (SLO Operativo sism.) 85	
86	SLE(sis)	Comb. SLE (SLO Operativo sism.) 86	
87	SLE(sis)	Comb. SLE (SLO Operativo sism.) 87	
88	SLE(sis)	Comb. SLE (SLO Operativo sism.) 88	
89	SLE(sis)	Comb. SLE (SLO Operativo sism.) 89	
90	SLE(sis)	Comb. SLE (SLO Operativo sism.) 90	
91	SLE(sis)	Comb. SLE (SLO Operativo sism.) 91	
92	SLE(sis)	Comb. SLE (SLO Operativo sism.) 92	
93	SLE(sis)	Comb. SLE (SLO Operativo sism.) 93	
94	SLE(sis)	Comb. SLE (SLO Operativo sism.) 94	
95	SLE(sis)	Comb. SLE (SLO Operativo sism.) 95	
96	SLE(sis)	Comb. SLE (SLO Operativo sism.) 96	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
2	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
3	1.00	1.00	1.00	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
4	1.00	1.00	1.00	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
5	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
6	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
7	1.00	1.00	1.00	0.0	0.0	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
8	1.00	1.00	1.00	0.0	0.0	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
9	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
10	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
11	1.00	1.00	1.00	0.0	0.0	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
12	1.00	1.00	1.00	0.0	0.0	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
13	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
14	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
15	1.00	1.00	1.00	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
16	1.00	1.00	1.00	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
17	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
18	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
19	1.00	1.00	1.00	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
20	1.00	1.00	1.00	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
21	1.00	1.00	1.00	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
22	1.00	1.00	1.00	0.0	0.0	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
23	1.00	1.00	1.00	0.0	0.0	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
24	1.00	1.00	1.00	0.0	0.0	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
25	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
26	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
27	1.00	1.00	1.00	0.0	0.0	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
28	1.00	1.00	1.00	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
29	1.00	1.00	1.00	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
30	1.00	1.00	1.00	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
31	1.00	1.00	1.00	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
32	1.00	1.00	1.00	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
33	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0										
34	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0										
35	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0										
36	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0										
37	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0
	0.0	0.0	0.0	0.0										
38	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	0.0
	0.0	0.0	0.0	0.0										
39	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	0.0
	0.0	0.0	0.0	0.0										
40	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0
	0.0	0.0	0.0	0.0										
41	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0										
42	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	0.0
	0.0	0.0	0.0	0.0										
43	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0										
44	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0
	0.0	0.0	0.0	0.0										
45	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0
	0.0	0.0	0.0	0.0										
46	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0
	0.0	0.0	0.0	0.0										
47	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0
	0.0	0.0	0.0	0.0										
48	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0
	0.0	0.0	0.0	0.0										
49	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0										
50	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0										
51	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0										
52	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0										
53	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0										
54	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	0.0
	0.0	0.0	0.0	0.0										
55	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0										
56	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0
	0.0	0.0	0.0	0.0										
57	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0
	0.0	0.0	0.0	0.0										
58	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.0										
59	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	0.0
	0.0	0.0	0.0	0.0										
60	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.0										
61	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0
	0.0	0.0	0.0	0.0										
62	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.0										
63	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0
	0.0	0.0	0.0	0.0										
64	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.0										
65	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	0.0	-0.30	0.0										
66	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	0.0	0.30	0.0										
67	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	-0.30	0.0										
68	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	0.30	0.0										
69	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	0.0	0.0	-0.30										
70	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	0.0	0.0	0.30										
71	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	0.0	-0.30										
72	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	0.0	0.30										
73	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	-0.30	0.0										
74	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.30	0.0										
75	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	-0.30	0.0										
76	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.30	0.0										
77	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	-0.30										
78	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-1.00	0.0	0.30										
79	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	-0.30										
80	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	0.30										
81	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.30	0.0	-1.00	0.0										
82	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.30	0.0	1.00	0.0										
83	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.30	0.0	-1.00	0.0										
84	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.30	0.0	1.00	0.0										
85	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	-1.00	0.0										
86	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	1.00	0.0										
87	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	-1.00	0.0										

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
88	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	1.00	0.0										
89	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.30	0.0	0.0	-1.00										
90	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-0.30	0.0	0.0	1.00										
91	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.30	0.0	0.0	-1.00										
92	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.30	0.0	0.0	1.00										
93	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	-1.00										
94	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-0.30	0.0	1.00										
95	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	-1.00										
96	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.30	0.0	1.00										

# AZIONE SISMICA

## VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.

Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito <http://esse1.mi.ingv.it/>. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento  $V_r$  che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento  $V_r$  e la probabilità di superamento  $P_{ver}$  associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno  $T_r$  e i relativi parametri di pericolosità sismica (vedi tabella successiva):

$a_g$ : accelerazione orizzontale massima del terreno;

$F_o$ : valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

$T^*c$ : periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita $V_n$ [anni]	Coeff. Uso	Periodo $V_r$ [anni]	Tipo di suolo	Categoria topografica
III	50.0	1.5	75.0	B	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:

$S$  è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente  $S = S_s \cdot S_t$  (3.2.3)

$F_o$  è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale

$F_v$  è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno  $a_g$  su sito di riferimento rigido orizzontale

$T_b$  è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.

$T_c$  è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.

$T_d$  è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Lo spettro di risposta elastico in accelerazione della componente orizzontale del moto sismico,  $S_e$ , è definito dalle seguenti espressioni:

$$\begin{array}{ll}
 0 \leq T < T_b & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[ \frac{T}{T_b} + \frac{1}{\eta \cdot F_o} \left( 1 - \frac{T}{T_b} \right) \right] \\
 T_b \leq T < T_c & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \\
 T_c \leq T < T_d & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left( \frac{T_c}{T} \right) \\
 T_d \leq T & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left( \frac{T_c \cdot T_d}{T^2} \right)
 \end{array}$$

Dove per sottosuolo di categoria **A** i coefficienti  $S_s$  e  $C_c$  valgono 1; mentre per le categorie di sottosuolo B, C, D, E i coefficienti  $S_s$  e  $C_c$  vengono calcolati mediante le espressioni riportate nella seguente Tabella

Categoria sottosuolo	$S_s$	$C_c$
A	1,00	1,00
B	$1,00 \leq 1,40 - 0,40 \cdot F_s \cdot \frac{a_s}{g} \leq 1,20$	$1,10 \cdot (T_c^*)^{-0,35}$
C	$1,00 \leq 1,70 - 0,60 \cdot F_s \cdot \frac{a_s}{g} \leq 1,50$	$1,05 \cdot (T_c^*)^{-0,33}$
D	$0,90 \leq 2,40 - 1,50 \cdot F_s \cdot \frac{a_s}{g} \leq 1,80$	$1,25 \cdot (T_c^*)^{-0,30}$
E	$1,00 \leq 2,00 - 1,10 \cdot F_s \cdot \frac{a_s}{g} \leq 1,60$	$1,15 \cdot (T_c^*)^{-0,40}$

Per tenere conto delle condizioni topografiche e in assenza di specifiche analisi di risposta sismica locale, si utilizzano i valori del coefficiente topografico  $S_T$  riportati nella seguente Tabella

Categoria topografica	Ubicazione dell'opera e dell'intervento	$S_T$
T1	-	1,0
T2	In corrispondenza della sommità del pendio	1,2
T3	In corrispondenza della cresta di un rilievo con pendenza media minore o uguale a 30°	1,2
T4	In corrispondenza della cresta di un rilievo con pendenza media maggiore di 30°	1,4

Lo spettro di risposta elastico in accelerazione della componente verticale del moto sismico,  $S_{ve}$ , è definito dalle espressioni:

$$\begin{aligned}
 0 \leq T < T_B & \quad S_{ve}(T) = a_s \cdot S \cdot \eta \cdot F_s \cdot \left[ \frac{T}{T_B} + \frac{1}{\eta \cdot F_s} \left( 1 - \frac{T}{T_B} \right) \right] \\
 T_B \leq T < T_C & \quad S_{ve}(T) = a_s \cdot S \cdot \eta \cdot F_s \\
 T_C \leq T < T_D & \quad S_{ve}(T) = a_s \cdot S \cdot \eta \cdot F_s \cdot \left( \frac{T_C}{T} \right) \\
 T_D \leq T & \quad S_{ve}(T) = a_s \cdot S \cdot \eta \cdot F_s \cdot \left( \frac{T_C \cdot T_D}{T^2} \right)
 \end{aligned}$$

I valori di  $S_s$ ,  $T_B$ ,  $T_C$  e  $T_D$ , sono riportati nella seguente Tabella

Categoria di sottosuolo	$S_s$	$T_B$	$T_C$	$T_D$
A, B, C, D, E	1,0	0,05 s	0,15 s	1,0 s

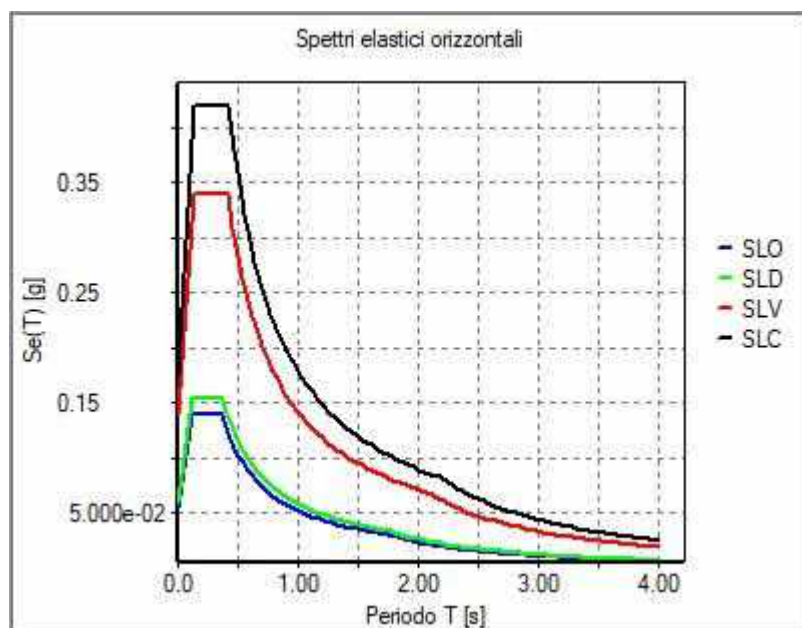
Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	11.449	43.656	
20727	11.418	43.617	5.141
20728	11.487	43.618	5.264
20506	11.486	43.668	3.151
20505	11.417	43.667	2.881

SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	91.8	30.0	0.045	2.569	0.258
SLD	85.7	38.6	0.050	2.586	0.264
SLV	17.8	383.5	0.116	2.434	0.299

SL	Pver	Tr	ag	Fo	T*c
SLC	9.9	720.2	0.146	2.396	0.306

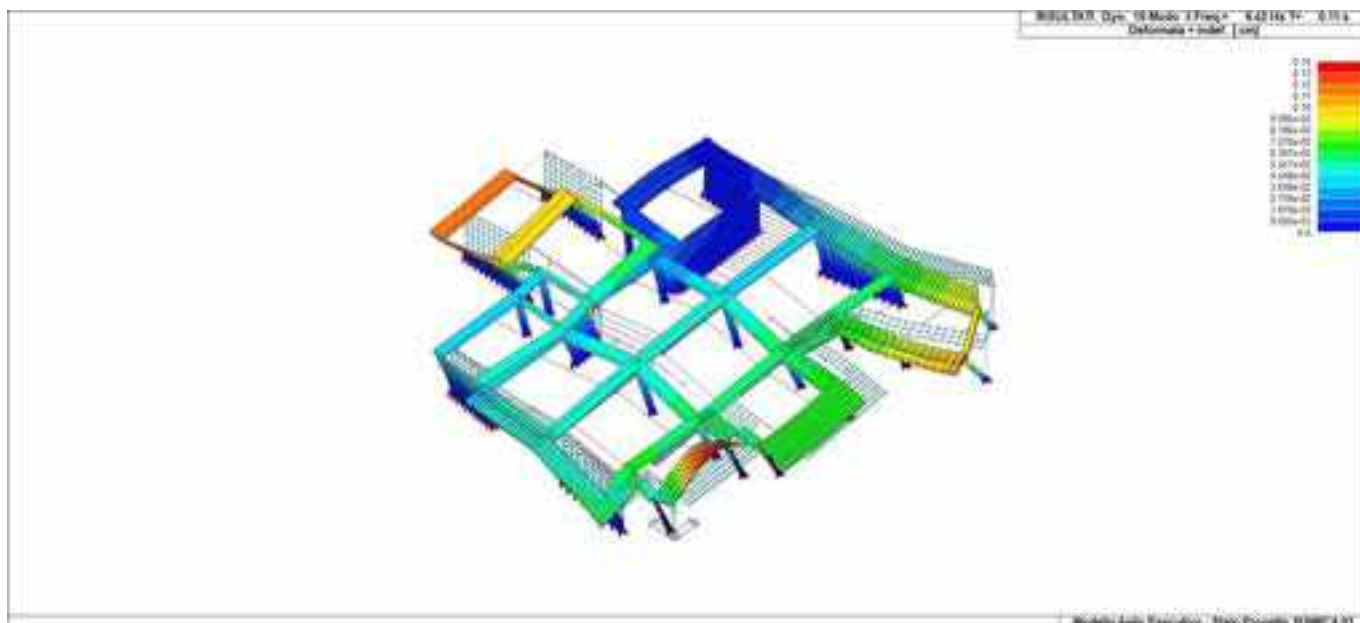
SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.045	1.200	2.569	0.738	0.124	0.372	1.781
SLD	0.050	1.200	2.586	0.778	0.126	0.379	1.798
SLV	0.116	1.200	2.434	1.121	0.140	0.419	2.065
SLC	0.146	1.200	2.396	1.236	0.142	0.427	2.184

Modo	Frequenza	Periodo	X M efficace x g	%	Y M efficace x g	%	Z M efficace x g	%	RZ M efficace x g	%
	1/sec	sec	daN		daN		daN		daN m2	
1	7.85	0.13	68.9	0	119.2	0	5693.7	1	0.2	0
2	8.82	0.11	594.1	0	5.6	0	1.6	0	1.14e-02	0
3	9.42	0.11	2.066e+05	67	1775.5	0	245.7	0	30.2	1
4	9.55	0.10	8756.4	2	463.3	0	4933.5	1	6.3	0
5	10.78	0.09	214.0	0	6.9	0	7048.9	2	1.3	0
6	11.54	0.09	5063.3	1	8611.0	2	316.1	0	1067.4	40

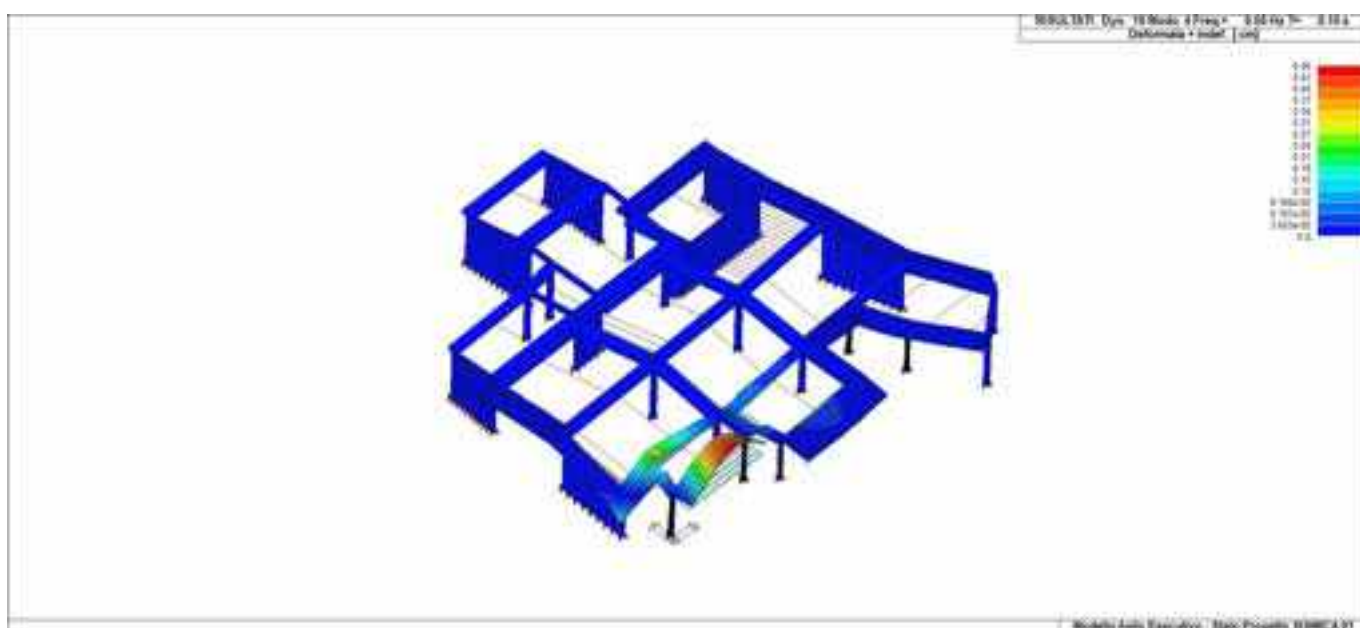


24\_DIA\_SPETTRI\_ELASTICI\_O





24\_INPSIS\_003\_FORME MODALI



24\_INPSIS\_004\_FORME MODALI



# RISULTATI ANALISI SISMICHE

## LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

**9. Esk** caso di carico sismico con analisi statica equivalente

**10. Edk** caso di carico sismico con analisi dinamica

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l'azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	di	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	di	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica		Zona sismica
Accelerazione ag		Accelerazione orizzontale massima sul suolo
Categoria suolo		Categoria di profilo stratigrafico del suolo di fondazione
Fattore q		Fattore di struttura/di comportamento. Dipendente dalla tipologia strutturale
Amplificazione ND		Coefficiente di amplificazione $q/q_{ND}$ delle azioni sismiche (solo per elementi progettati in campo non dissipativo)
Fattore di sito S		Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD		Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore SLD	riduz.	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo T1	proprio	Periodo proprio di vibrazione della struttura
Coefficiente Lambda		Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata Sd(T1)	spettro	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata Se(T1)	spettro	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata S (Tb-Tc)	spettro	Valore dell'ordinata dello spettro in uso nel tratto costante
N°di considerati	modi	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Nel caso di elementi progettati in campo non dissipativo vengono adottate le sollecitazioni calcolate con un fattore  $q_{ND}$  ricavato come da 7.3.2 in funzione del fattore di comportamento  $q$  utilizzato per la struttura:  $1 < q_{ND} = 2/3 \cdot q < 1.5$

Il coefficiente di amplificazione delle azioni sismiche rispetto alle azioni calcolate con il fattore di comportamento globale viene indicato nelle relative tabelle.

Per ciascun caso di carico sismico viene riportato l'insieme di dati sotto riportati (le masse sono espresse in unità di forza):

a) analisi sismica statica equivalente:

- quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto  $r/L_s$  (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
- azione sismica complessiva
- b) analisi sismica dinamica con spettro di risposta:
  - quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto  $r/L_s$  (per strutture a nucleo) , indici di regolarità e/r secondo EC8 4.2.3.2
  - frequenza, periodo, accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
  - massa complessiva ed aliquota di massa complessiva eccitata.

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione  $\eta_T$  (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità  $1000 \cdot \eta_T/h$  da confrontare direttamente con i valori forniti nella norma (es. 5 per edifici con tamponamenti collegati rigidamente alla struttura, 10.0 per edifici con tamponamenti collegati elasticamente, 3 per edifici in muratura ordinaria, 4 per edifici in muratura armata).

Qualora si applichi il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") l'analisi sismica dinamica può essere comprensiva di sollecitazione verticale contemporanea a quella orizzontale, nel qual caso è effettuata una sovrapposizione degli effetti in ragione della radice dei quadrati degli effetti stessi. Per ciascuna combinazione sismica - analisi effettuate con il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") - viene riportato il livello di deformazione  $\eta_T$ ,  $\eta_P$  e  $\eta_D$  degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso in unità  $1000 \cdot \eta_T/h$  da confrontare direttamente con il valore 2 o 4 per la verifica.

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo la circolare n.7/2019 del C.S.LL.PP nelle combinazioni in SLC come previsto dal DM 17-01-2018. Per ogni combinazione è riportato il codice di verifica ed i valori utilizzati per la verifica: spostamento  $dE$ , area ridotta e dimensione  $A_2$ , azione verticale, deformazioni di taglio dell'elastomero e tensioni nell'acciaio.

In particolare la tabella, per ogni combinazione di calcolo, riporta:

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
$dE$	Spostamento relativo tra le due facce combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta $A_r$ (per dispositivi circolari)
V	Azione verticale agente
$A_r$	Area ridotta efficace
Dim $A_2$	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elastomero
$V_{cr}$	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

- 1)  $V > 0$
- 2)  $\text{Sig s} < f_{yk}$
- 3)  $\text{Gam t} < 5$
- 4)  $\text{Gam s} < \text{Gam} \cdot (\text{caratteristica dell' elastomero})$
- 5)  $\text{Gam s} < 2$
- 6)  $V < 0.5 V_{cr}$

## Calcolo dei fattori di comportamento secondo il D.M. 17/01/2018

Caratteristiche costruzione	
Tipologia	Esistente
Regolarità pianta	NO
Regolarità altezza	SI
Classe di duttilità	ND
Sistema costruttivo	Muratura

I valori dei fattori nelle direzioni x e y sono stati impostati manualmente dal progettista.

Fattori di comportamento		
	Non dissipativi	Verifiche fragili
q SLU x	1.500	1.000
q SLU y	1.500	1.000
q SLU z	1.500	

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.340 g
			angolo di ingresso: 0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.108 s
			fattore q: 1.000
			fattore q (fragili): 1.000
			fattore per spost. $\mu$ d: 1.000
			classe di duttilità CD: ND
			numero di modi considerati: 100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	0.0	-0.07	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.0	-0.55	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	0.0	-0.13	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	0.0	-0.36	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	0.0	-0.74	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	0.0	-0.31	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	0.0	-0.47	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	0.0	-0.52	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	0.0	-0.34	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.0	-1.07e-04	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	0.0	-0.45	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	0.0	-0.39	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	0.0	-0.51	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	0.0	-0.27	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	0.0	-0.94	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.0	-7.10e-05	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	0.0	-0.31	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	0.0	-0.45	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	0.0	-0.51	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.0	-0.43	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	0.0	-0.52	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.0	-4.39e-03	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.0	-1.47e-03	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	0.0	-0.43	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.0	-1.50e-03	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.0	-9.15e-03	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	0.0	-1.96e-03	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.0	-9.34e-04	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.0	-0.56	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.0	-1.82e-03	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	0.0	-0.20	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	0.0	-0.66	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.0	-0.03	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.14	388.21	17.77	2.14	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	0.0	-0.11	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	0.0	-0.50	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.0	-2.27e-03	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.0	-0.85	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.0	-9.34e-04	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.0	-0.67	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.0	-0.09	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	0.0	-0.62	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.0	-1.06	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.0	-0.74	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.0	-0.89	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.0	-2.15e-03	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.00	5043.32	9.42	0.15	0.0	-0.45	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.0	-3.77e-03	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.0	-1.12	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.0	-0.97	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.0	-7.97e-03	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.0	-0.87	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.0	-0.40	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.0	-1.05	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	0.0	-0.90	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.0	-0.75	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.0	-1.12	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.0	-0.82	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.0	-0.24	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.0	-1.11	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.0	-0.79	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.0	-0.73	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	0.0	-4.38e-03	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	0.0	-0.18	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.0	-0.70	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	0.0	-0.23	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.0	-0.81	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.80	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	0.0	-0.07	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.0	-0.94	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	0.0	-0.23	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.99	293.39	6.07	13.49	0.0	-0.81	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.322	107.26	3.51e-02	113.18	3.71e-02	5693.14	1.9	0.0	0.0
2	8.821	0.113	0.302	1229.93	0.4	0.45	1.47e-04	1.59	5.21e-04	0.0	0.0
3	9.254	0.108	0.294	2.147e+05	70.3	3197.28	1.0	44.52	1.46e-02	0.0	0.0
4	9.552	0.105	0.289	1880.65	0.6	332.51	0.1	5134.95	1.7	0.0	0.0
5	10.777	0.093	0.272	260.32	8.53e-02	23.99	7.87e-03	7097.30	2.3	0.0	0.0
6	11.735	0.085	0.261	514.62	0.2	8794.07	2.9	382.10	0.1	0.0	0.0
7	12.251	0.082	0.256	156.26	5.12e-02	2495.55	0.8	8275.81	2.7	0.0	0.0
8	13.453	0.074	0.246	487.21	0.2	5569.66	1.8	3108.13	1.0	0.0	0.0
9	14.869	0.067	0.236	1.351e+04	4.4	1.197e+05	39.3	1772.82	0.6	0.0	0.0
10	16.183	0.062	0.228	427.05	0.1	2315.85	0.8	7949.52	2.6	0.0	0.0
11	17.590	0.057	0.221	1.31	4.29e-04	42.30	1.39e-02	16.63	5.46e-03	0.0	0.0
12	18.866	0.053	0.215	35.57	1.17e-02	43.40	1.42e-02	991.75	0.3	0.0	0.0
13	19.199	0.052	0.214	1.651e+04	5.4	1.781e+04	5.8	26.43	8.67e-03	0.0	0.0
14	20.870	0.048	0.208	19.13	6.27e-03	1175.15	0.4	6909.30	2.3	0.0	0.0
15	21.725	0.046	0.205	4122.83	1.4	1.013e+04	3.3	7012.08	2.3	0.0	0.0
16	22.182	0.045	0.204	745.49	0.2	9351.61	3.1	99.77	3.27e-02	0.0	0.0
17	23.138	0.043	0.201	0.30	9.97e-05	6462.18	2.1	8169.06	2.7	0.0	0.0
18	24.425	0.041	0.198	1698.22	0.6	168.35	5.52e-02	3.465e+04	11.4	0.0	0.0
19	25.844	0.039	0.195	418.81	0.1	1.757e+04	5.8	98.04	3.22e-02	0.0	0.0
20	26.204	0.038	0.194	1950.78	0.6	3129.58	1.0	641.26	0.2	0.0	0.0
21	27.889	0.036	0.191	164.50	5.39e-02	251.06	8.24e-02	5676.36	1.9	0.0	0.0
22	28.417	0.035	0.190	180.99	5.93e-02	124.64	4.09e-02	926.20	0.3	0.0	0.0
23	29.720	0.034	0.188	179.37	5.88e-02	5315.19	1.7	1844.98	0.6	0.0	0.0
24	29.842	0.034	0.187	3658.26	1.2	7254.36	2.4	143.16	4.70e-02	0.0	0.0
25	29.906	0.033	0.187	0.60	1.96e-04	54.65	1.79e-02	974.96	0.3	0.0	0.0
26	30.029	0.033	0.187	5277.27	1.7	1.882e+04	6.2	2003.40	0.7	0.0	0.0
27	30.193	0.033	0.187	2.09e-03	0.0	860.35	0.3	597.01	0.2	0.0	0.0
28	32.340	0.031	0.184	858.37	0.3	708.55	0.2	537.96	0.2	0.0	0.0
29	32.792	0.030	0.183	1408.46	0.5	69.31	2.27e-02	3.04	9.98e-04	0.0	0.0
30	33.546	0.030	0.182	3.42	1.12e-03	12.86	4.22e-03	74.77	2.45e-02	0.0	0.0
31	34.217	0.029	0.181	976.63	0.3	752.91	0.2	83.54	2.74e-02	0.0	0.0
32	34.912	0.029	0.181	2316.33	0.8	0.62	2.04e-04	24.49	8.04e-03	0.0	0.0
33	35.778	0.028	0.180	58.59	1.92e-02	15.49	5.08e-03	6.87	2.25e-03	0.0	0.0
34	37.131	0.027	0.178	409.30	0.1	724.99	0.2	28.70	9.42e-03	0.0	0.0
35	38.265	0.026	0.177	50.39	1.65e-02	2132.13	0.7	3007.48	1.0	0.0	0.0
36	39.241	0.025	0.176	3.19	1.05e-03	1198.85	0.4	373.84	0.1	0.0	0.0
37	40.235	0.025	0.175	1185.45	0.4	252.72	8.29e-02	281.51	9.24e-02	0.0	0.0
38	40.939	0.024	0.174	824.48	0.3	874.34	0.3	2095.21	0.7	0.0	0.0
39	42.839	0.023	0.173	588.48	0.2	526.83	0.2	309.00	0.1	0.0	0.0
40	43.040	0.023	0.173	714.81	0.2	903.21	0.3	35.13	1.15e-02	0.0	0.0
41	44.066	0.023	0.172	393.34	0.1	444.60	0.1	16.27	5.34e-03	0.0	0.0
42	44.471	0.022	0.172	13.08	4.28e-03	1064.12	0.3	4.71	1.55e-03	0.0	0.0
43	44.812	0.022	0.171	23.30	7.63e-03	54.95	1.80e-02	1181.95	0.4	0.0	0.0
44	45.516	0.022	0.171	156.67	5.13e-02	0.28	9.29e-05	1460.32	0.5	0.0	0.0
45	45.939	0.022	0.171	0.47	1.53e-04	84.86	2.78e-02	359.38	0.1	0.0	0.0
46	46.337	0.022	0.170	53.86	1.76e-02	1030.85	0.3	595.51	0.2	0.0	0.0
47	46.958	0.021	0.170	3.58	1.17e-03	21.50	7.06e-03	495.56	0.2	0.0	0.0
48	47.973	0.021	0.169	94.86	3.11e-02	2224.67	0.7	1121.11	0.4	0.0	0.0
49	48.086	0.021	0.169	0.20	6.52e-05	3.02	9.92e-04	3748.98	1.2	0.0	0.0
50	48.219	0.021	0.169	221.02	7.24e-02	23.97	7.87e-03	49.84	1.64e-02	0.0	0.0
51	48.673	0.021	0.169	19.14	6.27e-03	200.63	6.58e-02	560.75	0.2	0.0	0.0
52	49.654	0.020	0.168	186.87	6.12e-02	14.72	4.83e-03	626.51	0.2	0.0	0.0
53	50.475	0.020	0.168	5.20	1.70e-03	6457.19	2.1	420.89	0.1	0.0	0.0
54	51.531	0.019	0.167	43.85	1.44e-02	0.06	1.83e-05	5416.75	1.8	0.0	0.0
55	52.380	0.019	0.167	16.02	5.25e-03	37.44	1.23e-02	520.83	0.2	0.0	0.0
56	52.450	0.019	0.167	9.03	2.96e-03	168.64	5.53e-02	1202.41	0.4	0.0	0.0
57	53.074	0.019	0.166	26.46	8.67e-03	325.86	0.1	1259.47	0.4	0.0	0.0
58	53.652	0.019	0.166	2.77	9.08e-04	212.18	6.96e-02	3.14	1.03e-03	0.0	0.0
59	53.872	0.019	0.166	235.81	7.72e-02	33.33	1.09e-02	316.21	0.1	0.0	0.0
60	54.416	0.018	0.166	871.50	0.3	1.32	4.32e-04	3412.95	1.1	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
61	54.737	0.018	0.166	89.42	2.93e-02	22.71	7.45e-03	1152.19	0.4	0.0	0.0
62	55.086	0.018	0.166	355.67	0.1	4.51	1.48e-03	3778.24	1.2	0.0	0.0
63	55.515	0.018	0.165	27.33	8.95e-03	36.05	1.18e-02	191.74	6.29e-02	0.0	0.0
64	55.839	0.018	0.165	46.25	1.52e-02	211.32	6.93e-02	332.10	0.1	0.0	0.0
65	56.218	0.018	0.165	31.92	1.05e-02	4.80	1.57e-03	382.27	0.1	0.0	0.0
66	56.570	0.018	0.165	229.29	7.51e-02	9.63	3.16e-03	26.18	8.59e-03	0.0	0.0
67	57.155	0.017	0.165	195.44	6.40e-02	244.67	8.03e-02	501.62	0.2	0.0	0.0
68	58.180	0.017	0.164	8.38	2.75e-03	424.78	0.1	4187.55	1.4	0.0	0.0
69	59.297	0.017	0.164	652.48	0.2	518.11	0.2	1.341e+04	4.4	0.0	0.0
70	59.782	0.017	0.163	52.96	1.73e-02	72.14	2.37e-02	290.46	9.53e-02	0.0	0.0
71	59.927	0.017	0.163	314.25	0.1	702.17	0.2	6329.12	2.1	0.0	0.0
72	60.900	0.016	0.163	25.34	8.30e-03	374.14	0.1	3353.17	1.1	0.0	0.0
73	61.330	0.016	0.163	33.90	1.11e-02	458.12	0.2	1458.23	0.5	0.0	0.0
74	61.619	0.016	0.163	9.65	3.16e-03	7.88	2.59e-03	844.78	0.3	0.0	0.0
75	62.016	0.016	0.163	5.24	1.72e-03	209.47	6.87e-02	14.68	4.82e-03	0.0	0.0
76	62.701	0.016	0.162	53.49	1.75e-02	306.84	0.1	7399.01	2.4	0.0	0.0
77	63.653	0.016	0.162	1837.26	0.6	2126.02	0.7	639.53	0.2	0.0	0.0
78	64.145	0.016	0.162	33.41	1.09e-02	1026.13	0.3	1998.78	0.7	0.0	0.0
79	65.147	0.015	0.162	543.77	0.2	49.89	1.64e-02	1154.56	0.4	0.0	0.0
80	66.246	0.015	0.161	8.10	2.65e-03	42.31	1.39e-02	895.20	0.3	0.0	0.0
81	67.022	0.015	0.161	361.94	0.1	92.51	3.04e-02	365.03	0.1	0.0	0.0
82	67.551	0.015	0.161	309.81	0.1	148.10	4.86e-02	0.42	1.38e-04	0.0	0.0
83	68.271	0.015	0.160	136.80	4.48e-02	58.53	1.92e-02	950.52	0.3	0.0	0.0
84	68.841	0.015	0.160	75.18	2.46e-02	0.01	4.72e-06	5010.43	1.6	0.0	0.0
85	69.770	0.014	0.160	242.73	7.95e-02	906.72	0.3	2973.13	1.0	0.0	0.0
86	70.249	0.014	0.160	0.99	3.25e-04	932.69	0.3	997.32	0.3	0.0	0.0
87	71.369	0.014	0.160	66.18	2.17e-02	20.81	6.83e-03	28.91	9.49e-03	0.0	0.0
88	72.354	0.014	0.159	146.46	4.80e-02	489.03	0.2	307.04	0.1	0.0	0.0
89	73.337	0.014	0.159	16.93	5.55e-03	0.14	4.68e-05	251.75	8.26e-02	0.0	0.0
90	73.884	0.014	0.159	1245.51	0.4	71.37	2.34e-02	1194.59	0.4	0.0	0.0
91	74.881	0.013	0.159	203.53	6.67e-02	286.70	9.41e-02	1.11	3.65e-04	0.0	0.0
92	75.425	0.013	0.159	2197.56	0.7	8.13	2.67e-03	457.10	0.2	0.0	0.0
93	75.640	0.013	0.158	0.19	6.35e-05	25.04	8.22e-03	16.67	5.47e-03	0.0	0.0
94	76.764	0.013	0.158	5.50	1.80e-03	108.37	3.56e-02	576.49	0.2	0.0	0.0
95	76.883	0.013	0.158	5.36	1.76e-03	1205.19	0.4	7790.26	2.6	0.0	0.0
96	77.959	0.013	0.158	17.96	5.88e-03	2083.56	0.7	1047.52	0.3	0.0	0.0
97	78.144	0.013	0.158	36.37	1.19e-02	705.91	0.2	574.52	0.2	0.0	0.0
98	79.212	0.013	0.158	2.22	7.28e-04	65.39	2.15e-02	9548.23	3.1	0.0	0.0
99	79.586	0.013	0.158	23.52	7.70e-03	4.37	1.43e-03	2882.59	0.9	0.0	0.0
100	80.419	0.012	0.157	9.45	3.10e-03	38.71	1.27e-02	1891.15	0.6	0.0	0.0
Risulta				2.897e+05		2.758e+05		2.251e+05			
In percentuale				94.88		90.51		73.86			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.340 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.106 s
			fattore q: 1.000
			fattore q (fragili): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.0	0.01	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.0	0.01	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
4.00	5.426e+04	8.72	7.32	0.0	0.07	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.0	0.55	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	0.0	0.10	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	0.0	0.13	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	0.0	0.16	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	0.0	0.36	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	0.0	0.74	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	0.0	0.31	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	0.0	0.16	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	0.0	0.25	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	0.0	0.71	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.0	0.16	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.0	0.36	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	0.0	0.37	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	0.0	0.47	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	0.0	0.37	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	0.0	0.52	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	0.0	0.34	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.0	1.07e-04	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	0.0	0.45	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	0.0	0.37	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	0.0	0.48	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	0.0	0.39	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	0.0	0.51	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.40	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	0.0	0.27	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	0.0	0.94	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.0	7.10e-05	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	0.0	0.31	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	0.0	0.45	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	0.0	0.48	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	0.0	0.51	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.0	0.71	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.0	0.43	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	0.0	0.52	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.0	4.39e-03	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.0	1.47e-03	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	0.0	0.43	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.0	1.50e-03	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.0	9.15e-03	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	0.0	1.96e-03	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.0	0.02	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.0	9.34e-04	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	0.0	0.12	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.0	0.56	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.0	1.82e-03	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	0.0	0.20	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	0.0	0.66	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	0.0	0.11	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	0.0	0.12	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	0.0	0.22	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	0.0	0.50	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.0	2.27e-03	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	0.0	0.02	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.0	0.22	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.0	0.85	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.0	9.34e-04	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.0	0.67	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	0.0	0.14	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.0	0.09	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	0.0	0.62	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.0	1.06	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.0	0.74	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.0	0.89	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.0	2.15e-03	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	0.0	0.45	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.0	3.77e-03	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.0	0.03	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.0	1.12	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.0	0.97	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.0	0.22	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.0	7.97e-03	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.0	0.03	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.0	0.16	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.0	0.05	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	0.0	0.36	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.0	0.26	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.0	0.87	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.0	0.06	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.0	0.40	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.0	1.05	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	0.0	0.90	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.0	0.75	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.0	1.12	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.0	0.82	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.0	0.24	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.0	1.11	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.0	0.79	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.0	0.73	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	0.0	0.36	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	0.0	4.38e-03	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	0.0	0.63	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	0.0	0.18	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.12	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	0.0	0.63	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.0	0.70	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	0.0	0.23	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.0	0.81	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	0.0	0.26	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	0.0	0.07	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.0	0.94	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	0.0	0.23	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	0.0	0.14	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	0.0	0.14	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.30	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	0.0	0.81	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	0.0	0.26	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.48	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.322	49.68	1.62e-02	123.27	4.05e-02	5694.04	1.9	0.0	0.0
2	8.822	0.113	0.302	522.25	0.2	8.91	2.92e-03	1.62	5.31e-04	0.0	0.0
3	9.409	0.106	0.291	1.942e+05	63.3	759.86	0.2	190.57	6.25e-02	0.0	0.0
4	9.553	0.105	0.289	5375.25	1.8	291.49	9.57e-02	4991.34	1.6	0.0	0.0
5	10.774	0.093	0.272	32.85	1.07e-02	0.02	6.69e-06	6993.86	2.3	0.0	0.0
6	11.481	0.087	0.264	2.708e+04	8.8	7942.84	2.6	340.03	0.1	0.0	0.0
7	12.243	0.082	0.256	694.44	0.2	3527.97	1.2	8438.24	2.8	0.0	0.0
8	13.447	0.074	0.246	666.78	0.2	6609.81	2.2	3030.78	1.0	0.0	0.0
9	14.951	0.067	0.235	7905.77	2.6	1.373e+05	45.1	1974.65	0.6	0.0	0.0
10	16.187	0.062	0.228	295.67	9.63e-02	3105.54	1.0	7843.77	2.6	0.0	0.0
11	17.590	0.057	0.221	0.03	1.01e-05	74.25	2.44e-02	16.04	5.26e-03	0.0	0.0
12	18.866	0.053	0.215	33.97	1.11e-02	40.26	1.32e-02	990.05	0.3	0.0	0.0
13	20.857	0.048	0.208	1684.02	0.5	786.81	0.3	6344.26	2.1	0.0	0.0
14	21.114	0.047	0.207	1.575e+04	5.1	467.65	0.2	141.74	4.65e-02	0.0	0.0
15	21.866	0.046	0.205	813.07	0.3	1216.18	0.4	7665.09	2.5	0.0	0.0
16	22.686	0.044	0.203	162.57	5.30e-02	1667.86	0.5	5695.55	1.9	0.0	0.0
17	24.299	0.041	0.198	2190.35	0.7	406.56	0.1	3.554e+04	11.7	0.0	0.0
18	25.138	0.040	0.196	48.53	1.58e-02	1.242e+04	4.1	10.11	3.32e-03	0.0	0.0
19	25.812	0.039	0.195	526.77	0.2	3.373e+04	11.1	6.65	2.18e-03	0.0	0.0
20	26.939	0.037	0.193	4199.81	1.4	2708.52	0.9	776.18	0.3	0.0	0.0
21	27.907	0.036	0.191	1440.27	0.5	132.39	4.34e-02	8480.83	2.8	0.0	0.0
22	28.403	0.035	0.190	223.87	7.29e-02	205.75	6.75e-02	1.51	4.97e-04	0.0	0.0
23	28.470	0.035	0.190	38.39	1.25e-02	352.99	0.1	1139.98	0.4	0.0	0.0
24	29.620	0.034	0.188	5547.29	1.8	1.318e+04	4.3	0.80	2.61e-04	0.0	0.0
25	29.941	0.033	0.187	467.73	0.2	1623.21	0.5	2833.70	0.9	0.0	0.0
26	30.197	0.033	0.187	165.26	5.38e-02	3313.46	1.1	1107.53	0.4	0.0	0.0
27	30.331	0.033	0.187	30.74	1.00e-02	1.083e+04	3.6	68.07	2.23e-02	0.0	0.0
28	32.280	0.031	0.184	90.77	2.96e-02	69.60	2.28e-02	343.85	0.1	0.0	0.0
29	32.312	0.031	0.184	2022.15	0.7	288.95	9.48e-02	46.94	1.54e-02	0.0	0.0
30	33.550	0.030	0.182	22.99	7.49e-03	12.43	4.08e-03	89.24	2.93e-02	0.0	0.0
31	34.278	0.029	0.181	1467.23	0.5	1709.06	0.6	75.03	2.46e-02	0.0	0.0
32	34.743	0.029	0.181	1301.75	0.4	0.20	6.66e-05	14.33	4.70e-03	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
33	35.789	0.028	0.180	120.16	3.91e-02	15.71	5.16e-03	35.38	1.16e-02	0.0	0.0
34	36.867	0.027	0.178	321.04	0.1	286.90	9.42e-02	50.56	1.66e-02	0.0	0.0
35	38.076	0.026	0.177	117.80	3.84e-02	1126.58	0.4	815.42	0.3	0.0	0.0
36	38.622	0.026	0.177	11.05	3.60e-03	227.01	7.45e-02	2969.05	1.0	0.0	0.0
37	39.431	0.025	0.176	14.40	4.69e-03	906.44	0.3	93.06	3.05e-02	0.0	0.0
38	39.553	0.025	0.176	1071.16	0.3	14.57	4.78e-03	92.92	3.05e-02	0.0	0.0
39	41.257	0.024	0.174	1069.57	0.3	207.39	6.81e-02	2008.35	0.7	0.0	0.0
40	42.383	0.024	0.173	1294.10	0.4	688.78	0.2	13.67	4.49e-03	0.0	0.0
41	43.082	0.023	0.173	96.86	3.16e-02	173.36	5.69e-02	7.09	2.33e-03	0.0	0.0
42	43.911	0.023	0.172	19.76	6.44e-03	1296.77	0.4	42.39	1.39e-02	0.0	0.0
43	44.815	0.022	0.171	0.50	1.62e-04	5.17	1.70e-03	1398.94	0.5	0.0	0.0
44	45.807	0.022	0.171	44.11	1.44e-02	87.05	2.86e-02	50.26	1.65e-02	0.0	0.0
45	46.212	0.022	0.170	59.84	1.95e-02	1.55	5.10e-04	881.95	0.3	0.0	0.0
46	46.467	0.022	0.170	4.39	1.43e-03	10.51	3.45e-03	33.93	1.11e-02	0.0	0.0
47	46.923	0.021	0.170	2.38	7.74e-04	46.54	1.53e-02	1046.00	0.3	0.0	0.0
48	47.837	0.021	0.169	3.66	1.19e-03	4067.96	1.3	460.43	0.2	0.0	0.0
49	47.996	0.021	0.169	40.90	1.33e-02	720.27	0.2	4889.48	1.6	0.0	0.0
50	48.352	0.021	0.169	19.51	6.35e-03	905.13	0.3	132.55	4.35e-02	0.0	0.0
51	48.565	0.021	0.169	79.82	2.60e-02	401.12	0.1	15.62	5.13e-03	0.0	0.0
52	49.872	0.020	0.168	6.14	2.00e-03	457.83	0.2	966.81	0.3	0.0	0.0
53	50.357	0.020	0.168	226.88	7.39e-02	249.17	8.18e-02	1680.36	0.6	0.0	0.0
54	50.978	0.020	0.168	44.59	1.45e-02	3406.11	1.1	2570.02	0.8	0.0	0.0
55	51.665	0.019	0.167	17.92	5.84e-03	238.55	7.83e-02	2663.21	0.9	0.0	0.0
56	52.400	0.019	0.167	0.13	4.37e-05	0.36	1.17e-04	1554.32	0.5	0.0	0.0
57	52.960	0.019	0.167	0.10	3.35e-05	372.35	0.1	40.59	1.33e-02	0.0	0.0
58	53.567	0.019	0.166	85.62	2.79e-02	28.84	9.46e-03	67.08	2.20e-02	0.0	0.0
59	53.735	0.019	0.166	518.84	0.2	42.37	1.39e-02	45.09	1.48e-02	0.0	0.0
60	54.018	0.019	0.166	285.82	9.31e-02	158.60	5.20e-02	1931.85	0.6	0.0	0.0
61	54.462	0.018	0.166	2.68	8.74e-04	80.24	2.63e-02	9.95	3.27e-03	0.0	0.0
62	54.854	0.018	0.166	81.99	2.67e-02	5.43	1.78e-03	7848.44	2.6	0.0	0.0
63	55.340	0.018	0.165	285.16	9.29e-02	147.37	4.84e-02	36.38	1.19e-02	0.0	0.0
64	55.552	0.018	0.165	84.53	2.75e-02	116.55	3.82e-02	633.70	0.2	0.0	0.0
65	55.917	0.018	0.165	47.58	1.55e-02	65.92	2.16e-02	276.66	9.08e-02	0.0	0.0
66	57.262	0.017	0.165	439.96	0.1	694.42	0.2	1939.46	0.6	0.0	0.0
67	57.370	0.017	0.164	196.42	6.40e-02	0.24	8.04e-05	273.44	8.97e-02	0.0	0.0
68	58.165	0.017	0.164	2.14	6.99e-04	481.96	0.2	2963.48	1.0	0.0	0.0
69	58.948	0.017	0.164	711.56	0.2	306.40	0.1	1.069e+04	3.5	0.0	0.0
70	59.614	0.017	0.164	4.16	1.36e-03	1078.54	0.4	2814.17	0.9	0.0	0.0
71	59.761	0.017	0.163	310.49	0.1	3.63	1.19e-03	554.78	0.2	0.0	0.0
72	60.653	0.016	0.163	542.25	0.2	294.46	9.66e-02	6290.96	2.1	0.0	0.0
73	61.191	0.016	0.163	75.47	2.46e-02	9.36	3.07e-03	658.17	0.2	0.0	0.0
74	61.566	0.016	0.163	0.87	2.83e-04	379.17	0.1	1237.72	0.4	0.0	0.0
75	61.662	0.016	0.163	11.24	3.66e-03	346.35	0.1	0.10	3.21e-05	0.0	0.0
76	62.231	0.016	0.163	313.99	0.1	775.56	0.3	9028.52	3.0	0.0	0.0
77	62.992	0.016	0.162	94.18	3.07e-02	1595.31	0.5	1797.56	0.6	0.0	0.0
78	64.545	0.015	0.162	201.14	6.55e-02	410.27	0.1	205.95	6.76e-02	0.0	0.0
79	65.214	0.015	0.161	2042.06	0.7	1.13	3.71e-04	154.14	5.06e-02	0.0	0.0
80	66.207	0.015	0.161	13.54	4.41e-03	66.24	2.17e-02	1192.82	0.4	0.0	0.0
81	67.367	0.015	0.161	8.46	2.76e-03	188.49	6.19e-02	334.43	0.1	0.0	0.0
82	67.581	0.015	0.161	2.67	8.69e-04	155.92	5.12e-02	62.14	2.04e-02	0.0	0.0
83	68.135	0.015	0.161	3.00	9.79e-04	47.72	1.57e-02	394.31	0.1	0.0	0.0
84	69.145	0.014	0.160	242.02	7.88e-02	36.94	1.21e-02	1.269e+04	4.2	0.0	0.0
85	70.253	0.014	0.160	2265.75	0.7	437.58	0.1	288.89	9.48e-02	0.0	0.0
86	71.002	0.014	0.160	750.70	0.2	2000.73	0.7	8.50	2.79e-03	0.0	0.0
87	72.375	0.014	0.159	155.60	5.07e-02	504.51	0.2	0.61	2.00e-04	0.0	0.0
88	73.286	0.014	0.159	379.20	0.1	15.74	5.17e-03	137.79	4.52e-02	0.0	0.0
89	73.349	0.014	0.159	556.71	0.2	56.02	1.84e-02	205.54	6.75e-02	0.0	0.0
90	74.129	0.013	0.159	298.34	9.72e-02	388.63	0.1	400.61	0.1	0.0	0.0
91	74.558	0.013	0.159	7.30	2.38e-03	297.59	9.77e-02	888.73	0.3	0.0	0.0
92	75.468	0.013	0.159	72.43	2.36e-02	10.68	3.51e-03	10.96	3.60e-03	0.0	0.0
93	75.730	0.013	0.158	1.19	3.86e-04	1261.24	0.4	4985.38	1.6	0.0	0.0
94	76.045	0.013	0.158	293.49	9.56e-02	190.55	6.25e-02	176.06	5.78e-02	0.0	0.0
95	77.815	0.013	0.158	77.97	2.54e-02	63.87	2.10e-02	521.54	0.2	0.0	0.0
96	78.678	0.013	0.158	178.21	5.81e-02	1035.54	0.3	137.45	4.51e-02	0.0	0.0
97	78.751	0.013	0.158	81.34	2.65e-02	19.67	6.45e-03	4139.16	1.4	0.0	0.0
98	79.189	0.013	0.158	0.52	1.70e-04	7.30	2.39e-03	4597.58	1.5	0.0	0.0
99	79.873	0.013	0.157	35.99	1.17e-02	1227.78	0.4	1217.97	0.4	0.0	0.0
100	80.612	0.012	0.157	0.97	3.17e-04	33.87	1.11e-02	790.96	0.3	0.0	0.0
Risulta				2.915e+05		2.759e+05		2.180e+05			
In percentuale				94.97		90.55		71.56			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.340 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.067 s
			fattore q: 1.000
			fattore q (fragili): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	1.06	0.0	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	1.08	0.0	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	1.09	0.0	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	0.65	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.49	297.61	-1.33	9.94	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.42	0.0	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.08	0.0	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	1.12	0.0	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	1.08	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.23	309.03	-1.21	11.56	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.63	0.0	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	1.14	0.0	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.04	0.0	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.15	0.0	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.38	0.0	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.70	0.0	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.41	0.0	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.88	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.73	0.0	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	0.75	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.36	0.0	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.33	0.0	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	1.18	0.0	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	1.15	0.0	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	1.05	0.0	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	2.40e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.11	67.73	21.19	2.39	2.65e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	2.44e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	1.20	0.0	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.43	0.0	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	2.50e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.74	0.0	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	4.96e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.14	0.0	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	2.37e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.44	0.0	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	2.51e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.32	0.0	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.82	0.0	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	2.02e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.49	0.0	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.46	0.0	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.48	0.0	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	7.20e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	1.11	0.0	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.53	0.0	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.80	0.0	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.73	0.0	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.58	0.0	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.04	0.0	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.23	0.0	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	1.04	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.49	0.0	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.31	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.52	0.0	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	1.09	0.0	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.38	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.40	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	1.06	0.0	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	1.03	0.0	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	1.08	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.39	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.66	0.0	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.72	0.0	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	1.04	0.0	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	1.05	0.0	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.71	0.0	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	1.09	0.0	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	1.03	0.0	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	1.06	0.0	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	0.72	0.0	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	1.04	0.0	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.80	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.322	69.15	2.27e-02	123.80	4.06e-02	5688.97	1.9	0.0	0.0
2	8.839	0.113	0.301	751.24	0.2	0.11	3.69e-05	7.13	2.34e-03	0.0	0.0
3	9.417	0.106	0.291	2.065e+05	67.8	1213.58	0.4	240.64	7.90e-02	0.0	0.0
4	9.578	0.104	0.289	8154.72	2.7	269.00	8.82e-02	4946.51	1.6	0.0	0.0
5	10.776	0.093	0.272	203.93	6.69e-02	12.45	4.08e-03	7042.17	2.3	0.0	0.0
6	11.522	0.087	0.264	6186.42	2.0	4427.49	1.5	260.51	8.55e-02	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
7	12.258	0.082	0.256	292.97	9.61e-02	2941.89	1.0	8454.56	2.8	0.0	0.0
8	13.473	0.074	0.246	425.62	0.1	5285.43	1.7	3347.75	1.1	0.0	0.0
9	14.919	0.067	0.235	9156.91	3.0	1.342e+05	44.0	1706.83	0.6	0.0	0.0
10	16.188	0.062	0.228	351.18	0.1	3156.41	1.0	7906.77	2.6	0.0	0.0
11	17.602	0.057	0.221	5.39e-03	1.77e-06	50.42	1.65e-02	17.24	5.66e-03	0.0	0.0
12	18.866	0.053	0.215	35.92	1.18e-02	35.92	1.18e-02	982.46	0.3	0.0	0.0
13	20.300	0.049	0.210	1.872e+04	6.1	3549.98	1.2	15.58	5.11e-03	0.0	0.0
14	20.898	0.048	0.208	65.25	2.14e-02	608.66	0.2	6389.36	2.1	0.0	0.0
15	21.864	0.046	0.205	2049.76	0.7	2411.32	0.8	7955.40	2.6	0.0	0.0
16	22.548	0.044	0.203	1047.78	0.3	7317.05	2.4	3506.34	1.2	0.0	0.0
17	23.793	0.042	0.200	168.59	5.53e-02	2.253e+04	7.4	7974.67	2.6	0.0	0.0
18	24.458	0.041	0.198	1933.94	0.6	342.18	0.1	2.995e+04	9.8	0.0	0.0
19	25.729	0.039	0.195	250.89	8.23e-02	2.537e+04	8.3	1032.70	0.3	0.0	0.0
20	26.149	0.038	0.194	2488.84	0.8	938.04	0.3	767.13	0.3	0.0	0.0
21	27.861	0.036	0.191	381.04	0.1	0.56	1.84e-04	6092.79	2.0	0.0	0.0
22	28.469	0.035	0.190	94.64	3.11e-02	251.23	8.23e-02	991.62	0.3	0.0	0.0
23	29.188	0.034	0.189	7549.71	2.5	2.320e+04	7.6	523.44	0.2	0.0	0.0
24	29.353	0.034	0.188	673.89	0.2	610.85	0.2	62.02	2.04e-02	0.0	0.0
25	29.713	0.034	0.188	194.25	6.37e-02	3161.32	1.0	1285.05	0.4	0.0	0.0
26	29.915	0.033	0.187	31.66	1.04e-02	562.29	0.2	2568.34	0.8	0.0	0.0
27	30.234	0.033	0.187	49.24	1.62e-02	77.00	2.52e-02	561.21	0.2	0.0	0.0
28	32.240	0.031	0.184	1782.21	0.6	468.10	0.2	8.89	2.92e-03	0.0	0.0
29	32.305	0.031	0.184	838.22	0.3	356.82	0.1	413.81	0.1	0.0	0.0
30	33.550	0.030	0.182	21.41	7.03e-03	7.42	2.43e-03	84.11	2.76e-02	0.0	0.0
31	34.563	0.029	0.181	7.33	2.41e-03	721.00	0.2	35.54	1.17e-02	0.0	0.0
32	35.017	0.029	0.180	1865.06	0.6	383.11	0.1	64.87	2.13e-02	0.0	0.0
33	36.653	0.027	0.179	103.56	3.40e-02	50.72	1.66e-02	361.61	0.1	0.0	0.0
34	37.661	0.027	0.178	930.77	0.3	1576.95	0.5	127.51	4.18e-02	0.0	0.0
35	38.359	0.026	0.177	72.70	2.39e-02	1102.67	0.4	2663.80	0.9	0.0	0.0
36	38.865	0.026	0.176	0.24	7.93e-05	620.26	0.2	262.94	8.63e-02	0.0	0.0
37	40.017	0.025	0.175	1171.07	0.4	186.74	6.12e-02	154.94	5.08e-02	0.0	0.0
38	40.834	0.024	0.175	939.81	0.3	761.88	0.2	2079.02	0.7	0.0	0.0
39	41.297	0.024	0.174	169.96	5.58e-02	119.05	3.90e-02	320.27	0.1	0.0	0.0
40	42.763	0.023	0.173	10.58	3.47e-03	734.51	0.2	91.41	3.00e-02	0.0	0.0
41	43.214	0.023	0.173	1451.48	0.5	503.55	0.2	263.69	8.65e-02	0.0	0.0
42	43.875	0.023	0.172	85.99	2.82e-02	883.11	0.3	6.17	2.02e-03	0.0	0.0
43	44.789	0.022	0.171	3.87	1.27e-03	1.31	4.30e-04	1059.85	0.3	0.0	0.0
44	45.595	0.022	0.171	40.52	1.33e-02	0.98	3.23e-04	1235.77	0.4	0.0	0.0
45	46.129	0.022	0.171	4.95	1.62e-03	0.27	8.94e-05	404.75	0.1	0.0	0.0
46	46.941	0.021	0.170	39.31	1.29e-02	117.19	3.84e-02	1001.65	0.3	0.0	0.0
47	47.105	0.021	0.170	150.69	4.95e-02	248.53	8.15e-02	15.64	5.13e-03	0.0	0.0
48	47.630	0.021	0.170	90.28	2.96e-02	5.63	1.84e-03	86.60	2.84e-02	0.0	0.0
49	48.024	0.021	0.169	0.39	1.27e-04	3226.78	1.1	653.52	0.2	0.0	0.0
50	48.135	0.021	0.169	0.11	3.47e-05	52.25	1.71e-02	4499.32	1.5	0.0	0.0
51	48.533	0.021	0.169	97.98	3.22e-02	64.31	2.11e-02	353.99	0.1	0.0	0.0
52	49.289	0.020	0.169	49.54	1.63e-02	56.03	1.84e-02	348.79	0.1	0.0	0.0
53	50.392	0.020	0.168	46.22	1.52e-02	5345.51	1.8	668.72	0.2	0.0	0.0
54	51.457	0.019	0.167	175.23	5.75e-02	266.64	8.74e-02	547.36	0.2	0.0	0.0
55	51.741	0.019	0.167	20.08	6.59e-03	1.11	3.64e-04	5732.46	1.9	0.0	0.0
56	52.423	0.019	0.167	0.99	3.25e-04	8.19	2.68e-03	1463.47	0.5	0.0	0.0
57	53.083	0.019	0.166	0.09	2.98e-05	293.18	9.61e-02	166.80	5.47e-02	0.0	0.0
58	53.784	0.019	0.166	78.60	2.58e-02	331.24	0.1	16.19	5.31e-03	0.0	0.0
59	54.057	0.018	0.166	218.41	7.17e-02	50.68	1.66e-02	259.95	8.53e-02	0.0	0.0
60	54.657	0.018	0.166	532.37	0.2	217.43	7.13e-02	2634.81	0.9	0.0	0.0
61	54.909	0.018	0.166	5.72e-04	0.0	11.57	3.79e-03	4700.35	1.5	0.0	0.0
62	55.256	0.018	0.165	110.05	3.61e-02	12.08	3.96e-03	2473.05	0.8	0.0	0.0
63	55.807	0.018	0.165	79.03	2.59e-02	77.22	2.53e-02	445.28	0.1	0.0	0.0
64	55.896	0.018	0.165	239.50	7.86e-02	476.17	0.2	336.30	0.1	0.0	0.0
65	56.466	0.018	0.165	18.48	6.07e-03	14.13	4.63e-03	374.63	0.1	0.0	0.0
66	57.520	0.017	0.164	202.17	6.63e-02	614.07	0.2	3262.97	1.1	0.0	0.0
67	57.958	0.017	0.164	7.86	2.58e-03	116.37	3.81e-02	1038.21	0.3	0.0	0.0
68	58.516	0.017	0.164	949.17	0.3	85.36	2.80e-02	67.12	2.20e-02	0.0	0.0
69	58.819	0.017	0.164	155.46	5.10e-02	297.62	9.76e-02	25.44	8.35e-03	0.0	0.0
70	59.725	0.017	0.163	661.58	0.2	19.10	6.26e-03	190.23	6.24e-02	0.0	0.0
71	59.990	0.017	0.163	4.50	1.48e-03	83.59	2.74e-02	2.033e+04	6.7	0.0	0.0
72	61.130	0.016	0.163	19.38	6.36e-03	170.14	5.58e-02	244.88	8.04e-02	0.0	0.0
73	61.445	0.016	0.163	198.90	6.53e-02	968.93	0.3	125.14	4.11e-02	0.0	0.0
74	61.667	0.016	0.163	44.18	1.45e-02	65.39	2.14e-02	524.77	0.2	0.0	0.0
75	62.207	0.016	0.163	88.34	2.90e-02	532.61	0.2	9439.47	3.1	0.0	0.0
76	62.873	0.016	0.162	68.07	2.23e-02	391.67	0.1	438.27	0.1	0.0	0.0
77	63.386	0.016	0.162	91.12	2.99e-02	2268.15	0.7	254.80	8.36e-02	0.0	0.0
78	63.932	0.016	0.162	687.59	0.2	703.46	0.2	3134.17	1.0	0.0	0.0
79	65.165	0.015	0.161	0.55	1.80e-04	68.51	2.25e-02	1674.34	0.5	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
80	65.890	0.015	0.161	1382.31	0.5	131.14	4.30e-02	48.48	1.59e-02	0.0	0.0
81	66.802	0.015	0.161	560.20	0.2	494.09	0.2	2777.92	0.9	0.0	0.0
82	67.111	0.015	0.161	3.18	1.04e-03	145.18	4.76e-02	478.85	0.2	0.0	0.0
83	67.576	0.015	0.161	27.47	9.02e-03	100.90	3.31e-02	2686.49	0.9	0.0	0.0
84	67.645	0.015	0.161	92.69	3.04e-02	143.60	4.71e-02	1979.52	0.6	0.0	0.0
85	69.424	0.014	0.160	0.78	2.56e-04	0.73	2.39e-04	27.65	9.07e-03	0.0	0.0
86	70.565	0.014	0.160	1414.99	0.5	272.06	8.92e-02	710.41	0.2	0.0	0.0
87	71.357	0.014	0.160	209.75	6.88e-02	420.07	0.1	474.42	0.2	0.0	0.0
88	72.634	0.014	0.159	782.41	0.3	10.73	3.52e-03	3153.63	1.0	0.0	0.0
89	73.322	0.014	0.159	3.67	1.20e-03	81.15	2.66e-02	428.78	0.1	0.0	0.0
90	73.628	0.014	0.159	160.06	5.25e-02	872.26	0.3	1817.68	0.6	0.0	0.0
91	73.838	0.014	0.159	227.46	7.46e-02	2094.29	0.7	3837.55	1.3	0.0	0.0
92	74.245	0.013	0.159	455.69	0.1	571.64	0.2	561.74	0.2	0.0	0.0
93	75.121	0.013	0.159	1006.43	0.3	3.36	1.10e-03	407.38	0.1	0.0	0.0
94	75.680	0.013	0.158	51.17	1.68e-02	53.58	1.76e-02	15.13	4.97e-03	0.0	0.0
95	77.800	0.013	0.158	0.79	2.58e-04	10.05	3.29e-03	1549.23	0.5	0.0	0.0
96	77.959	0.013	0.158	104.96	3.44e-02	12.54	4.11e-03	67.03	2.20e-02	0.0	0.0
97	79.050	0.013	0.158	2.01	6.61e-04	0.77	2.51e-04	6189.82	2.0	0.0	0.0
98	79.444	0.013	0.158	121.58	3.99e-02	352.20	0.1	2989.75	1.0	0.0	0.0
99	80.390	0.012	0.157	7.72	2.53e-03	1143.01	0.4	843.51	0.3	0.0	0.0
100	80.607	0.012	0.157	21.04	6.91e-03	1157.97	0.4	1.85	6.06e-04	0.0	0.0
Risulta				2.891e+05		2.764e+05		2.185e+05			
In percentuale				94.87		90.62		71.71			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.340 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.067 s
			fattore q: 1.000
			fattore q (fragili): 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	-1.06	0.0	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	-0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	-0.29	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	-1.08	0.0	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	-1.09	0.0	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	-0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	-0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	-0.65	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	-0.08	0.0	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	-1.12	0.0	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	-1.14	0.0	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	-0.15	0.0	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	-0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	-0.70	0.0	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	-0.41	0.0	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	-1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	-0.88	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.15	102.38	15.29	2.50	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	-0.75	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	-0.36	0.0	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	-0.33	0.0	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	-1.18	0.0	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	-1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	-1.15	0.0	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	-1.05	0.0	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	-2.40e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	-0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	-2.65e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	-2.44e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	-0.43	0.0	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	-2.50e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	-0.74	0.0	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	-0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	-4.96e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	-0.14	0.0	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	-2.37e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	-1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	-0.44	0.0	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	-2.51e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	-1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	-0.32	0.0	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	-0.82	0.0	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	-2.02e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	-0.49	0.0	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	-0.46	0.0	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	-7.20e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	-1.11	0.0	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	-0.53	0.0	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	-0.80	0.0	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	-0.73	0.0	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	-0.58	0.0	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	-0.54	0.0	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	-0.23	0.0	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	-0.49	0.0	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	-0.62	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	-0.31	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	-0.52	0.0	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	-1.09	0.0	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	-0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	-0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	-0.66	0.0	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	-0.72	0.0	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.90	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	-1.05	0.0	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	-0.71	0.0	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	-1.09	0.0	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	-0.72	0.0	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.322	68.73	2.26e-02	115.09	3.78e-02	5698.59	1.9	0.0	0.0
2	8.804	0.114	0.302	457.01	0.1	29.16	9.56e-03	0.02	5.56e-06	0.0	0.0
3	9.427	0.106	0.291	2.066e+05	67.8	2483.42	0.8	247.37	8.12e-02	0.0	0.0
4	9.531	0.105	0.290	9225.48	3.0	719.99	0.2	4919.37	1.6	0.0	0.0
5	10.776	0.093	0.272	222.58	7.30e-02	3.42	1.12e-03	7054.81	2.3	0.0	0.0
6	11.546	0.087	0.263	3924.22	1.3	1.424e+04	4.7	385.95	0.1	0.0	0.0
7	12.235	0.082	0.256	717.93	0.2	3080.62	1.0	8316.22	2.7	0.0	0.0
8	13.428	0.074	0.246	876.99	0.3	6766.28	2.2	2795.14	0.9	0.0	0.0
9	14.912	0.067	0.235	1.242e+04	4.1	1.254e+05	41.1	2090.20	0.7	0.0	0.0
10	16.183	0.062	0.228	361.21	0.1	2494.56	0.8	7863.00	2.6	0.0	0.0
11	17.578	0.057	0.221	0.80	2.64e-04	77.79	2.55e-02	15.05	4.94e-03	0.0	0.0
12	18.866	0.053	0.215	30.24	9.93e-03	43.70	1.43e-02	1000.40	0.3	0.0	0.0
13	20.472	0.049	0.209	1.616e+04	5.3	1547.07	0.5	140.64	4.62e-02	0.0	0.0
14	20.866	0.048	0.208	289.64	9.51e-02	1533.46	0.5	6804.22	2.2	0.0	0.0
15	21.772	0.046	0.205	1991.00	0.7	6139.93	2.0	8143.63	2.7	0.0	0.0
16	22.404	0.045	0.203	260.72	8.56e-02	9049.10	3.0	1098.05	0.4	0.0	0.0
17	23.558	0.042	0.200	45.84	1.50e-02	1.676e+04	5.5	6202.88	2.0	0.0	0.0
18	24.303	0.041	0.198	2007.12	0.7	0.13	4.17e-05	3.361e+04	11.0	0.0	0.0
19	25.765	0.039	0.195	396.77	0.1	1.867e+04	6.1	134.44	4.41e-02	0.0	0.0
20	26.803	0.037	0.193	2344.81	0.8	1521.46	0.5	168.72	5.54e-02	0.0	0.0
21	27.943	0.036	0.191	475.78	0.2	191.13	6.27e-02	6764.74	2.2	0.0	0.0
22	28.414	0.035	0.190	164.81	5.41e-02	161.63	5.30e-02	925.75	0.3	0.0	0.0
23	29.355	0.034	0.188	50.13	1.65e-02	2.35	7.70e-04	0.51	1.66e-04	0.0	0.0
24	29.560	0.034	0.188	3827.10	1.3	372.05	0.1	2191.86	0.7	0.0	0.0
25	29.902	0.033	0.187	22.97	7.54e-03	469.58	0.2	3312.47	1.1	0.0	0.0
26	30.179	0.033	0.187	303.63	9.96e-02	183.74	6.03e-02	387.34	0.1	0.0	0.0
27	30.479	0.033	0.186	3885.09	1.3	3.010e+04	9.9	31.70	1.04e-02	0.0	0.0
28	32.285	0.031	0.184	1826.14	0.6	172.65	5.66e-02	296.80	9.74e-02	0.0	0.0
29	32.315	0.031	0.184	86.77	2.85e-02	537.22	0.2	172.69	5.67e-02	0.0	0.0
30	33.437	0.030	0.182	2514.01	0.8	330.35	0.1	0.51	1.69e-04	0.0	0.0
31	33.564	0.030	0.182	523.05	0.2	12.93	4.24e-03	107.04	3.51e-02	0.0	0.0
32	34.792	0.029	0.181	1214.45	0.4	171.22	5.62e-02	4.36	1.43e-03	0.0	0.0
33	35.544	0.028	0.180	87.62	2.88e-02	255.30	8.37e-02	4.17	1.37e-03	0.0	0.0
34	37.591	0.027	0.178	99.58	3.27e-02	140.15	4.60e-02	33.96	1.11e-02	0.0	0.0
35	38.512	0.026	0.177	0.87	2.85e-04	1053.02	0.3	3808.74	1.2	0.0	0.0
36	39.870	0.025	0.175	8.53	2.80e-03	1298.58	0.4	41.07	1.35e-02	0.0	0.0
37	40.073	0.025	0.175	1141.28	0.4	154.69	5.07e-02	341.45	0.1	0.0	0.0
38	41.185	0.024	0.174	11.51	3.78e-03	1076.33	0.4	691.76	0.2	0.0	0.0
39	41.351	0.024	0.174	1697.56	0.6	263.84	8.65e-02	1076.79	0.4	0.0	0.0
40	42.155	0.024	0.173	942.43	0.3	1255.05	0.4	9.09	2.98e-03	0.0	0.0
41	44.129	0.023	0.172	59.07	1.94e-02	375.75	0.1	19.98	6.56e-03	0.0	0.0
42	44.570	0.022	0.172	8.08	2.65e-03	1401.95	0.5	50.82	1.67e-02	0.0	0.0
43	44.812	0.022	0.171	0.29	9.68e-05	12.26	4.02e-03	1430.40	0.5	0.0	0.0
44	45.716	0.022	0.171	1.23	4.02e-04	312.35	0.1	2.46	8.06e-04	0.0	0.0
45	46.079	0.022	0.171	153.61	5.04e-02	14.26	4.68e-03	1117.78	0.4	0.0	0.0
46	46.765	0.021	0.170	0.83	2.72e-04	1192.24	0.4	2805.51	0.9	0.0	0.0
47	47.069	0.021	0.170	0.03	8.50e-06	1611.96	0.5	521.20	0.2	0.0	0.0
48	47.563	0.021	0.170	2.93	9.61e-04	455.51	0.1	53.54	1.76e-02	0.0	0.0
49	47.869	0.021	0.169	62.70	2.06e-02	1130.54	0.4	47.98	1.57e-02	0.0	0.0
50	48.010	0.021	0.169	25.07	8.23e-03	6.52	2.14e-03	1559.50	0.5	0.0	0.0
51	48.204	0.021	0.169	84.43	2.77e-02	121.09	3.97e-02	1688.05	0.6	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
52	49.212	0.020	0.169	7.39	2.42e-03	84.96	2.79e-02	153.59	5.04e-02	0.0	0.0
53	50.454	0.020	0.168	120.48	3.95e-02	4035.63	1.3	4011.98	1.3	0.0	0.0
54	51.316	0.019	0.167	98.19	3.22e-02	43.19	1.42e-02	2125.16	0.7	0.0	0.0
55	51.395	0.019	0.167	98.64	3.24e-02	605.91	0.2	1178.46	0.4	0.0	0.0
56	52.378	0.019	0.167	0.97	3.18e-04	0.78	2.57e-04	1440.80	0.5	0.0	0.0
57	52.496	0.019	0.167	21.62	7.10e-03	27.93	9.16e-03	134.16	4.40e-02	0.0	0.0
58	53.581	0.019	0.166	250.19	8.21e-02	83.89	2.75e-02	159.91	5.25e-02	0.0	0.0
59	54.170	0.018	0.166	70.08	2.30e-02	349.66	0.1	2015.34	0.7	0.0	0.0
60	54.492	0.018	0.166	693.46	0.2	9.71	3.18e-03	2718.18	0.9	0.0	0.0
61	54.623	0.018	0.166	60.42	1.98e-02	760.41	0.2	4434.18	1.5	0.0	0.0
62	55.080	0.018	0.166	4.83	1.58e-03	7.73	2.54e-03	516.74	0.2	0.0	0.0
63	55.489	0.018	0.165	93.98	3.08e-02	120.74	3.96e-02	500.27	0.2	0.0	0.0
64	55.968	0.018	0.165	20.90	6.86e-03	33.86	1.11e-02	354.71	0.1	0.0	0.0
65	56.397	0.018	0.165	129.31	4.24e-02	5.79	1.90e-03	22.28	7.31e-03	0.0	0.0
66	56.895	0.018	0.165	221.85	7.28e-02	293.17	9.62e-02	110.15	3.62e-02	0.0	0.0
67	57.853	0.017	0.164	727.81	0.2	20.86	6.84e-03	8086.10	2.7	0.0	0.0
68	57.989	0.017	0.164	513.75	0.2	59.70	1.96e-02	61.95	2.03e-02	0.0	0.0
69	58.745	0.017	0.164	9.10	2.99e-03	2410.04	0.8	6678.65	2.2	0.0	0.0
70	59.357	0.017	0.164	0.10	3.43e-05	291.19	9.55e-02	20.93	6.87e-03	0.0	0.0
71	60.462	0.017	0.163	206.16	6.77e-02	688.66	0.2	1.441e+04	4.7	0.0	0.0
72	61.140	0.016	0.163	177.29	5.82e-02	48.15	1.58e-02	141.17	4.63e-02	0.0	0.0
73	61.261	0.016	0.163	22.86	7.50e-03	315.63	0.1	1052.18	0.3	0.0	0.0
74	61.570	0.016	0.163	5.40	1.77e-03	0.06	1.96e-05	542.58	0.2	0.0	0.0
75	62.341	0.016	0.162	5.98	1.96e-03	52.38	1.72e-02	4827.92	1.6	0.0	0.0
76	62.920	0.016	0.162	468.56	0.2	2047.74	0.7	1724.83	0.6	0.0	0.0
77	63.649	0.016	0.162	80.10	2.63e-02	201.13	6.60e-02	55.36	1.82e-02	0.0	0.0
78	63.794	0.016	0.162	137.25	4.50e-02	132.52	4.35e-02	0.25	8.05e-05	0.0	0.0
79	64.953	0.015	0.162	285.79	9.38e-02	19.54	6.41e-03	1220.87	0.4	0.0	0.0
80	65.632	0.015	0.161	293.84	9.64e-02	1.04	3.42e-04	1890.37	0.6	0.0	0.0
81	65.946	0.015	0.161	2096.32	0.7	1.50	4.91e-04	253.84	8.33e-02	0.0	0.0
82	66.601	0.015	0.161	9.69	3.18e-03	0.52	1.71e-04	13.51	4.44e-03	0.0	0.0
83	67.614	0.015	0.161	18.35	6.02e-03	59.50	1.95e-02	1042.23	0.3	0.0	0.0
84	68.090	0.015	0.161	50.28	1.65e-02	50.23	1.65e-02	180.50	5.92e-02	0.0	0.0
85	69.391	0.014	0.160	471.42	0.2	211.67	6.94e-02	3866.88	1.3	0.0	0.0
86	70.978	0.014	0.160	699.15	0.2	1697.18	0.6	235.21	7.72e-02	0.0	0.0
87	71.955	0.014	0.159	4.70	1.54e-03	179.57	5.89e-02	230.56	7.57e-02	0.0	0.0
88	72.791	0.014	0.159	0.38	1.24e-04	1167.92	0.4	1.192e+04	3.9	0.0	0.0
89	73.036	0.014	0.159	1520.19	0.5	11.33	3.72e-03	262.56	8.62e-02	0.0	0.0
90	73.442	0.014	0.159	440.32	0.1	31.48	1.03e-02	1033.52	0.3	0.0	0.0
91	74.064	0.014	0.159	653.20	0.2	96.20	3.16e-02	7.02	2.30e-03	0.0	0.0
92	75.556	0.013	0.158	45.10	1.48e-02	3.61	1.18e-03	0.71	2.33e-04	0.0	0.0
93	76.132	0.013	0.158	598.63	0.2	442.57	0.1	85.81	2.82e-02	0.0	0.0
94	76.383	0.013	0.158	27.55	9.04e-03	2723.52	0.9	45.33	1.49e-02	0.0	0.0
95	77.604	0.013	0.158	1.23	4.05e-04	12.07	3.96e-03	1206.34	0.4	0.0	0.0
96	78.499	0.013	0.158	3.86	1.27e-03	272.29	8.93e-02	87.54	2.87e-02	0.0	0.0
97	79.293	0.013	0.158	14.18	4.65e-03	281.52	9.23e-02	235.90	7.74e-02	0.0	0.0
98	79.519	0.013	0.158	20.78	6.82e-03	51.16	1.68e-02	4544.17	1.5	0.0	0.0
99	80.293	0.012	0.157	1.71	5.60e-04	435.40	0.1	1.160e+04	3.8	0.0	0.0
100	80.622	0.012	0.157	0.52	1.72e-04	41.68	1.37e-02	888.21	0.3	0.0	0.0
Risulta				2.892e+05		2.761e+05		2.245e+05			
In percentuale				94.90		90.56		73.69			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.154 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.108 s
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	0.0	-0.07	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.0	-0.55	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	0.0	-0.13	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	0.0	-0.36	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	0.0	-0.74	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	0.0	-0.31	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	0.0	-0.47	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	0.0	-0.52	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	0.0	-0.34	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.0	-1.07e-04	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	0.0	-0.45	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	0.0	-0.39	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	0.0	-0.51	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	0.0	-0.27	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	0.0	-0.94	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.0	-7.10e-05	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	0.0	-0.31	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	0.0	-0.45	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	0.0	-0.51	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.0	-0.43	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	0.0	-0.52	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.0	-4.39e-03	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.0	-1.47e-03	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	0.0	-0.43	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.0	-1.50e-03	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.0	-9.15e-03	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	0.0	-1.96e-03	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.0	-9.34e-04	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.0	-0.56	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.0	-1.82e-03	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	0.0	-0.20	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	0.0	-0.66	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	0.0	-0.11	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	0.0	-0.50	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.0	-2.27e-03	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.0	-0.85	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.0	-9.34e-04	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.0	-0.67	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.06	66.82	21.76	1.83	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.0	-0.09	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	0.0	-0.62	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.0	-1.06	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.0	-0.74	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.0	-0.89	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.0	-2.15e-03	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	0.0	-0.45	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.0	-3.77e-03	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.0	-1.12	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.0	-0.97	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.0	-7.97e-03	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.91	950.90	3.27	-0.20	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.0	-0.87	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.0	-0.40	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.0	-1.05	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	0.0	-0.90	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.0	-0.75	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.0	-1.12	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.0	-0.82	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.0	-0.24	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.0	-1.11	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.0	-0.79	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.0	-0.73	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	0.0	-4.38e-03	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	0.0	-0.18	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.0	-0.70	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	0.0	-0.23	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.0	-0.81	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	0.0	-0.07	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.0	-0.94	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	0.0	-0.23	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.35	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	0.0	-0.81	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.49	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.154	107.26	3.51e-02	113.18	3.71e-02	5693.14	1.9	0.0	0.0
2	8.821	0.113	0.144	1229.93	0.4	0.45	1.47e-04	1.59	5.21e-04	0.0	0.0
3	9.254	0.108	0.140	2.147e+05	70.3	3197.28	1.0	44.52	1.46e-02	0.0	0.0
4	9.552	0.105	0.138	1880.65	0.6	332.51	0.1	5134.95	1.7	0.0	0.0
5	10.777	0.093	0.129	260.32	8.53e-02	23.99	7.87e-03	7097.30	2.3	0.0	0.0
6	11.735	0.085	0.123	514.62	0.2	8794.07	2.9	382.10	0.1	0.0	0.0
7	12.251	0.082	0.121	156.26	5.12e-02	2495.55	0.8	8275.81	2.7	0.0	0.0
8	13.453	0.074	0.115	487.21	0.2	5569.66	1.8	3108.13	1.0	0.0	0.0
9	14.869	0.067	0.110	1.351e+04	4.4	1.197e+05	39.3	1772.82	0.6	0.0	0.0
10	16.183	0.062	0.106	427.05	0.1	2315.85	0.8	7949.52	2.6	0.0	0.0
11	17.590	0.057	0.102	1.31	4.29e-04	42.30	1.39e-02	16.63	5.46e-03	0.0	0.0
12	18.866	0.053	0.099	35.57	1.17e-02	43.40	1.42e-02	991.75	0.3	0.0	0.0
13	19.199	0.052	0.099	1.651e+04	5.4	1.781e+04	5.8	26.43	8.67e-03	0.0	0.0
14	20.870	0.048	0.095	19.13	6.27e-03	1175.15	0.4	6909.30	2.3	0.0	0.0
15	21.725	0.046	0.094	4122.83	1.4	1.013e+04	3.3	7012.08	2.3	0.0	0.0
16	22.182	0.045	0.093	745.49	0.2	9351.61	3.1	99.77	3.27e-02	0.0	0.0
17	23.138	0.043	0.092	0.30	9.97e-05	6462.18	2.1	8169.06	2.7	0.0	0.0
18	24.425	0.041	0.090	1698.22	0.6	168.35	5.52e-02	3.465e+04	11.4	0.0	0.0
19	25.844	0.039	0.089	418.81	0.1	1.757e+04	5.8	98.04	3.22e-02	0.0	0.0
20	26.204	0.038	0.088	1950.78	0.6	3129.58	1.0	641.26	0.2	0.0	0.0
21	27.889	0.036	0.086	164.50	5.39e-02	251.06	8.24e-02	5676.36	1.9	0.0	0.0
22	28.417	0.035	0.086	180.99	5.93e-02	124.64	4.09e-02	926.20	0.3	0.0	0.0
23	29.720	0.034	0.085	179.37	5.88e-02	5315.19	1.7	1844.98	0.6	0.0	0.0
24	29.842	0.034	0.085	3658.26	1.2	7254.36	2.4	143.16	4.70e-02	0.0	0.0
25	29.906	0.033	0.085	0.60	1.96e-04	54.65	1.79e-02	974.96	0.3	0.0	0.0
26	30.029	0.033	0.084	5277.27	1.7	1.882e+04	6.2	2003.40	0.7	0.0	0.0
27	30.193	0.033	0.084	2.09e-03	0.0	860.35	0.3	597.01	0.2	0.0	0.0
28	32.340	0.031	0.083	858.37	0.3	708.55	0.2	537.96	0.2	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
29	32.792	0.030	0.082	1408.46	0.5	69.31	2.27e-02	3.04	9.98e-04	0.0	0.0
30	33.546	0.030	0.082	3.42	1.12e-03	12.86	4.22e-03	74.77	2.45e-02	0.0	0.0
31	34.217	0.029	0.081	976.63	0.3	752.91	0.2	83.54	2.74e-02	0.0	0.0
32	34.912	0.029	0.081	2316.33	0.8	0.62	2.04e-04	24.49	8.04e-03	0.0	0.0
33	35.778	0.028	0.080	58.59	1.92e-02	15.49	5.08e-03	6.87	2.25e-03	0.0	0.0
34	37.131	0.027	0.080	409.30	0.1	724.99	0.2	28.70	9.42e-03	0.0	0.0
35	38.265	0.026	0.079	50.39	1.65e-02	2132.13	0.7	3007.48	1.0	0.0	0.0
36	39.241	0.025	0.079	3.19	1.05e-03	1198.85	0.4	373.84	0.1	0.0	0.0
37	40.235	0.025	0.078	1185.45	0.4	252.72	8.29e-02	281.51	9.24e-02	0.0	0.0
38	40.939	0.024	0.078	824.48	0.3	874.34	0.3	2095.21	0.7	0.0	0.0
39	42.839	0.023	0.077	588.48	0.2	526.83	0.2	309.00	0.1	0.0	0.0
40	43.040	0.023	0.077	714.81	0.2	903.21	0.3	35.13	1.15e-02	0.0	0.0
41	44.066	0.023	0.077	393.34	0.1	444.60	0.1	16.27	5.34e-03	0.0	0.0
42	44.471	0.022	0.076	13.08	4.28e-03	1064.12	0.3	4.71	1.55e-03	0.0	0.0
43	44.812	0.022	0.076	23.30	7.63e-03	54.95	1.80e-02	1181.95	0.4	0.0	0.0
44	45.516	0.022	0.076	156.67	5.13e-02	0.28	9.29e-05	1460.32	0.5	0.0	0.0
45	45.939	0.022	0.076	0.47	1.53e-04	84.86	2.78e-02	359.38	0.1	0.0	0.0
46	46.337	0.022	0.076	53.86	1.76e-02	1030.85	0.3	595.51	0.2	0.0	0.0
47	46.958	0.021	0.075	3.58	1.17e-03	21.50	7.06e-03	495.56	0.2	0.0	0.0
48	47.973	0.021	0.075	94.86	3.11e-02	2224.67	0.7	1121.11	0.4	0.0	0.0
49	48.086	0.021	0.075	0.20	6.52e-05	3.02	9.92e-04	3748.98	1.2	0.0	0.0
50	48.219	0.021	0.075	221.02	7.24e-02	23.97	7.87e-03	49.84	1.64e-02	0.0	0.0
51	48.673	0.021	0.075	19.14	6.27e-03	200.63	6.58e-02	560.75	0.2	0.0	0.0
52	49.654	0.020	0.075	186.87	6.12e-02	14.72	4.83e-03	626.51	0.2	0.0	0.0
53	50.475	0.020	0.074	5.20	1.70e-03	6457.19	2.1	420.89	0.1	0.0	0.0
54	51.531	0.019	0.074	43.85	1.44e-02	0.06	1.83e-05	5416.75	1.8	0.0	0.0
55	52.380	0.019	0.074	16.02	5.25e-03	37.44	1.23e-02	520.83	0.2	0.0	0.0
56	52.450	0.019	0.074	9.03	2.96e-03	168.64	5.53e-02	1202.41	0.4	0.0	0.0
57	53.074	0.019	0.074	26.46	8.67e-03	325.86	0.1	1259.47	0.4	0.0	0.0
58	53.652	0.019	0.073	2.77	9.08e-04	212.18	6.96e-02	3.14	1.03e-03	0.0	0.0
59	53.872	0.019	0.073	235.81	7.72e-02	33.33	1.09e-02	316.21	0.1	0.0	0.0
60	54.416	0.018	0.073	871.50	0.3	1.32	4.32e-04	3412.95	1.1	0.0	0.0
61	54.737	0.018	0.073	89.42	2.93e-02	22.71	7.45e-03	1152.19	0.4	0.0	0.0
62	55.086	0.018	0.073	355.67	0.1	4.51	1.48e-03	3778.24	1.2	0.0	0.0
63	55.515	0.018	0.073	27.33	8.95e-03	36.05	1.18e-02	191.74	6.29e-02	0.0	0.0
64	55.839	0.018	0.073	46.25	1.52e-02	211.32	6.93e-02	332.10	0.1	0.0	0.0
65	56.218	0.018	0.073	31.92	1.05e-02	4.80	1.57e-03	382.27	0.1	0.0	0.0
66	56.570	0.018	0.073	229.29	7.51e-02	9.63	3.16e-03	26.18	8.59e-03	0.0	0.0
67	57.155	0.017	0.073	195.44	6.40e-02	244.67	8.03e-02	501.62	0.2	0.0	0.0
68	58.180	0.017	0.072	8.38	2.75e-03	424.78	0.1	4187.55	1.4	0.0	0.0
69	59.297	0.017	0.072	652.48	0.2	518.11	0.2	1.341e+04	4.4	0.0	0.0
70	59.782	0.017	0.072	52.96	1.73e-02	72.14	2.37e-02	290.46	9.53e-02	0.0	0.0
71	59.927	0.017	0.072	314.25	0.1	702.17	0.2	6329.12	2.1	0.0	0.0
72	60.900	0.016	0.072	25.34	8.30e-03	374.14	0.1	3353.17	1.1	0.0	0.0
73	61.330	0.016	0.072	33.90	1.11e-02	458.12	0.2	1458.23	0.5	0.0	0.0
74	61.619	0.016	0.072	9.65	3.16e-03	7.88	2.59e-03	844.78	0.3	0.0	0.0
75	62.016	0.016	0.072	5.24	1.72e-03	209.47	6.87e-02	14.68	4.82e-03	0.0	0.0
76	62.701	0.016	0.071	53.49	1.75e-02	306.84	0.1	7399.01	2.4	0.0	0.0
77	63.653	0.016	0.071	1837.26	0.6	2126.02	0.7	639.53	0.2	0.0	0.0
78	64.145	0.016	0.071	33.41	1.09e-02	1026.13	0.3	1998.78	0.7	0.0	0.0
79	65.147	0.015	0.071	543.77	0.2	49.89	1.64e-02	1154.56	0.4	0.0	0.0
80	66.246	0.015	0.071	8.10	2.65e-03	42.31	1.39e-02	895.20	0.3	0.0	0.0
81	67.022	0.015	0.071	361.94	0.1	92.51	3.04e-02	365.03	0.1	0.0	0.0
82	67.551	0.015	0.071	309.81	0.1	148.10	4.86e-02	0.42	1.38e-04	0.0	0.0
83	68.271	0.015	0.070	136.80	4.48e-02	58.53	1.92e-02	950.52	0.3	0.0	0.0
84	68.841	0.015	0.070	75.18	2.46e-02	0.01	4.72e-06	5010.43	1.6	0.0	0.0
85	69.770	0.014	0.070	242.73	7.95e-02	906.72	0.3	2973.13	1.0	0.0	0.0
86	70.249	0.014	0.070	0.99	3.25e-04	932.69	0.3	997.32	0.3	0.0	0.0
87	71.369	0.014	0.070	66.18	2.17e-02	20.81	6.83e-03	28.91	9.49e-03	0.0	0.0
88	72.354	0.014	0.070	146.46	4.80e-02	489.03	0.2	307.04	0.1	0.0	0.0
89	73.337	0.014	0.070	16.93	5.55e-03	0.14	4.68e-05	251.75	8.26e-02	0.0	0.0
90	73.884	0.014	0.070	1245.51	0.4	71.37	2.34e-02	1194.59	0.4	0.0	0.0
91	74.881	0.013	0.070	203.53	6.67e-02	286.70	9.41e-02	1.11	3.65e-04	0.0	0.0
92	75.425	0.013	0.069	2197.56	0.7	8.13	2.67e-03	457.10	0.2	0.0	0.0
93	75.640	0.013	0.069	0.19	6.35e-05	25.04	8.22e-03	16.67	5.47e-03	0.0	0.0
94	76.764	0.013	0.069	5.50	1.80e-03	108.37	3.56e-02	576.49	0.2	0.0	0.0
95	76.883	0.013	0.069	5.36	1.76e-03	1205.19	0.4	7790.26	2.6	0.0	0.0
96	77.959	0.013	0.069	17.96	5.88e-03	2083.56	0.7	1047.52	0.3	0.0	0.0
97	78.144	0.013	0.069	36.37	1.19e-02	705.91	0.2	574.52	0.2	0.0	0.0
98	79.212	0.013	0.069	2.22	7.28e-04	65.39	2.15e-02	9548.23	3.1	0.0	0.0
99	79.586	0.013	0.069	23.52	7.70e-03	4.37	1.43e-03	2882.59	0.9	0.0	0.0
100	80.419	0.012	0.069	9.45	3.10e-03	38.71	1.27e-02	1891.15	0.6	0.0	0.0
Risulta				2.897e+05		2.758e+05		2.251e+05			

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
In percentuale				94.88		90.51		73.86			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.154 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.106 s
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.0	0.01	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.0	0.01	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	0.0	0.07	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.0	0.55	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	0.0	0.10	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	0.0	0.13	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	0.0	0.16	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	0.0	0.36	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.79	284.29	-1.48	8.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	0.0	0.74	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	0.0	0.31	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	0.0	0.16	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	0.0	0.25	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	0.0	0.71	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.0	0.16	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.0	0.36	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	0.0	0.37	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	0.0	0.47	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	0.0	0.37	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	0.0	0.52	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	0.0	0.34	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.0	1.07e-04	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	0.0	0.45	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	0.0	0.37	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	0.0	0.48	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	0.0	0.39	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	0.0	0.51	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	0.0	0.27	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	0.0	0.94	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.0	7.10e-05	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	0.0	0.31	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	0.0	0.45	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	0.0	0.48	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	0.0	0.51	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.0	0.71	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.0	0.43	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	0.0	0.52	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.0	4.39e-03	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.0	1.47e-03	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	0.0	0.43	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.0	1.50e-03	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.0	9.15e-03	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	0.0	1.96e-03	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.0	0.02	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.0	9.34e-04	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	0.0	0.12	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.0	0.56	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.0	1.82e-03	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	0.0	0.20	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	0.0	0.66	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	0.0	0.11	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	0.0	0.12	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	0.0	0.22	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.12	249.32	19.26	13.07	0.0	0.50	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.0	2.27e-03	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	0.0	0.02	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.0	0.22	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.0	0.85	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.0	9.34e-04	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.0	0.67	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	0.0	0.14	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.0	0.09	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	0.0	0.62	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.0	1.06	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.0	0.74	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.0	0.89	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.0	2.15e-03	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	0.0	0.45	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.0	3.77e-03	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.0	0.03	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.0	1.12	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.0	0.97	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.0	0.22	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.0	7.97e-03	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.0	0.03	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.0	0.16	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.0	0.05	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	0.0	0.36	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.0	0.26	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.0	0.87	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.0	0.06	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.0	0.40	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.0	1.05	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	0.0	0.90	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.0	0.75	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.0	1.12	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.0	0.82	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.0	0.24	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.0	1.11	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.0	0.79	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.0	0.73	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	0.0	0.36	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	0.0	4.38e-03	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	0.0	0.63	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	0.0	0.18	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	0.0	0.63	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.0	0.70	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	0.0	0.23	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.0	0.81	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	0.0	0.26	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	0.0	0.07	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.0	0.94	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	0.0	0.23	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	0.0	0.14	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	0.0	0.14	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	0.0	0.81	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	0.0	0.26	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.81	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.154	49.68	1.62e-02	123.27	4.05e-02	5694.04	1.9	0.0	0.0
2	8.822	0.113	0.144	522.25	0.2	8.91	2.92e-03	1.62	5.31e-04	0.0	0.0
3	9.409	0.106	0.139	1.942e+05	63.3	759.86	0.2	190.57	6.25e-02	0.0	0.0
4	9.553	0.105	0.138	5375.25	1.8	291.49	9.57e-02	4991.34	1.6	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
5	10.774	0.093	0.129	32.85	1.07e-02	0.02	6.69e-06	6993.86	2.3	0.0	0.0
6	11.481	0.087	0.125	2.708e+04	8.8	7942.84	2.6	340.03	0.1	0.0	0.0
7	12.243	0.082	0.121	694.44	0.2	3527.97	1.2	8438.24	2.8	0.0	0.0
8	13.447	0.074	0.115	666.78	0.2	6609.81	2.2	3030.78	1.0	0.0	0.0
9	14.951	0.067	0.110	7905.77	2.6	1.373e+05	45.1	1974.65	0.6	0.0	0.0
10	16.187	0.062	0.106	295.67	9.63e-02	3105.54	1.0	7843.77	2.6	0.0	0.0
11	17.590	0.057	0.102	0.03	1.01e-05	74.25	2.44e-02	16.04	5.26e-03	0.0	0.0
12	18.866	0.053	0.099	33.97	1.11e-02	40.26	1.32e-02	990.05	0.3	0.0	0.0
13	20.857	0.048	0.095	1684.02	0.5	786.81	0.3	6344.26	2.1	0.0	0.0
14	21.114	0.047	0.095	1.575e+04	5.1	467.65	0.2	141.74	4.65e-02	0.0	0.0
15	21.866	0.046	0.094	813.07	0.3	1216.18	0.4	7665.09	2.5	0.0	0.0
16	22.686	0.044	0.093	162.57	5.30e-02	1667.86	0.5	5695.55	1.9	0.0	0.0
17	24.299	0.041	0.090	2190.35	0.7	406.56	0.1	3.554e+04	11.7	0.0	0.0
18	25.138	0.040	0.089	48.53	1.58e-02	1.242e+04	4.1	10.11	3.32e-03	0.0	0.0
19	25.812	0.039	0.089	526.77	0.2	3.373e+04	11.1	6.65	2.18e-03	0.0	0.0
20	26.939	0.037	0.087	4199.81	1.4	2708.52	0.9	776.18	0.3	0.0	0.0
21	27.907	0.036	0.086	1440.27	0.5	132.39	4.34e-02	8480.83	2.8	0.0	0.0
22	28.403	0.035	0.086	223.87	7.29e-02	205.75	6.75e-02	1.51	4.97e-04	0.0	0.0
23	28.470	0.035	0.086	38.39	1.25e-02	352.99	0.1	1139.98	0.4	0.0	0.0
24	29.620	0.034	0.085	5547.29	1.8	1.318e+04	4.3	0.80	2.61e-04	0.0	0.0
25	29.941	0.033	0.085	467.73	0.2	1623.21	0.5	2833.70	0.9	0.0	0.0
26	30.197	0.033	0.084	165.26	5.38e-02	3313.46	1.1	1107.53	0.4	0.0	0.0
27	30.331	0.033	0.084	30.74	1.00e-02	1.083e+04	3.6	68.07	2.23e-02	0.0	0.0
28	32.280	0.031	0.083	90.77	2.96e-02	69.60	2.28e-02	343.85	0.1	0.0	0.0
29	32.312	0.031	0.083	2022.15	0.7	288.95	9.48e-02	46.94	1.54e-02	0.0	0.0
30	33.550	0.030	0.082	22.99	7.49e-03	12.43	4.08e-03	89.24	2.93e-02	0.0	0.0
31	34.278	0.029	0.081	1467.23	0.5	1709.06	0.6	75.03	2.46e-02	0.0	0.0
32	34.743	0.029	0.081	1301.75	0.4	0.20	6.66e-05	14.33	4.70e-03	0.0	0.0
33	35.789	0.028	0.080	120.16	3.91e-02	15.71	5.16e-03	35.38	1.16e-02	0.0	0.0
34	36.867	0.027	0.080	321.04	0.1	286.90	9.42e-02	50.56	1.66e-02	0.0	0.0
35	38.076	0.026	0.079	117.80	3.84e-02	1126.58	0.4	815.42	0.3	0.0	0.0
36	38.622	0.026	0.079	11.05	3.60e-03	227.01	7.45e-02	2969.05	1.0	0.0	0.0
37	39.431	0.025	0.079	14.40	4.69e-03	906.44	0.3	93.06	3.05e-02	0.0	0.0
38	39.553	0.025	0.078	1071.16	0.3	14.57	4.78e-03	92.92	3.05e-02	0.0	0.0
39	41.257	0.024	0.078	1069.57	0.3	207.39	6.81e-02	2008.35	0.7	0.0	0.0
40	42.383	0.024	0.077	1294.10	0.4	688.78	0.2	13.67	4.49e-03	0.0	0.0
41	43.082	0.023	0.077	96.86	3.16e-02	173.36	5.69e-02	7.09	2.33e-03	0.0	0.0
42	43.911	0.023	0.077	19.76	6.44e-03	1296.77	0.4	42.39	1.39e-02	0.0	0.0
43	44.815	0.022	0.076	0.50	1.62e-04	5.17	1.70e-03	1398.94	0.5	0.0	0.0
44	45.807	0.022	0.076	44.11	1.44e-02	87.05	2.86e-02	50.26	1.65e-02	0.0	0.0
45	46.212	0.022	0.076	59.84	1.95e-02	1.55	5.10e-04	881.95	0.3	0.0	0.0
46	46.467	0.022	0.076	4.39	1.43e-03	10.51	3.45e-03	33.93	1.11e-02	0.0	0.0
47	46.923	0.021	0.075	2.38	7.74e-04	46.54	1.53e-02	1046.00	0.3	0.0	0.0
48	47.837	0.021	0.075	3.66	1.19e-03	4067.96	1.3	460.43	0.2	0.0	0.0
49	47.996	0.021	0.075	40.90	1.33e-02	720.27	0.2	4889.48	1.6	0.0	0.0
50	48.352	0.021	0.075	19.51	6.35e-03	905.13	0.3	132.55	4.35e-02	0.0	0.0
51	48.565	0.021	0.075	79.82	2.60e-02	401.12	0.1	15.62	5.13e-03	0.0	0.0
52	49.872	0.020	0.075	6.14	2.00e-03	457.83	0.2	966.81	0.3	0.0	0.0
53	50.357	0.020	0.074	226.88	7.39e-02	249.17	8.18e-02	1680.36	0.6	0.0	0.0
54	50.978	0.020	0.074	44.59	1.45e-02	3406.11	1.1	2570.02	0.8	0.0	0.0
55	51.665	0.019	0.074	17.92	5.84e-03	238.55	7.83e-02	2663.21	0.9	0.0	0.0
56	52.400	0.019	0.074	0.13	4.37e-05	0.36	1.17e-04	1554.32	0.5	0.0	0.0
57	52.960	0.019	0.074	0.10	3.35e-05	372.35	0.1	40.59	1.33e-02	0.0	0.0
58	53.567	0.019	0.074	85.62	2.79e-02	28.84	9.46e-03	67.08	2.20e-02	0.0	0.0
59	53.735	0.019	0.073	518.84	0.2	42.37	1.39e-02	45.09	1.48e-02	0.0	0.0
60	54.018	0.019	0.073	285.82	9.31e-02	158.60	5.20e-02	1931.85	0.6	0.0	0.0
61	54.462	0.018	0.073	2.68	8.74e-04	80.24	2.63e-02	9.95	3.27e-03	0.0	0.0
62	54.854	0.018	0.073	81.99	2.67e-02	5.43	1.78e-03	7848.44	2.6	0.0	0.0
63	55.340	0.018	0.073	285.16	9.29e-02	147.37	4.84e-02	36.38	1.19e-02	0.0	0.0
64	55.552	0.018	0.073	84.53	2.75e-02	116.55	3.82e-02	633.70	0.2	0.0	0.0
65	55.917	0.018	0.073	47.58	1.55e-02	65.92	2.16e-02	276.66	9.08e-02	0.0	0.0
66	57.262	0.017	0.073	439.96	0.1	694.42	0.2	1939.46	0.6	0.0	0.0
67	57.370	0.017	0.073	196.42	6.40e-02	0.24	8.04e-05	273.44	8.97e-02	0.0	0.0
68	58.165	0.017	0.072	2.14	6.99e-04	481.96	0.2	2963.48	1.0	0.0	0.0
69	58.948	0.017	0.072	711.56	0.2	306.40	0.1	1.069e+04	3.5	0.0	0.0
70	59.614	0.017	0.072	4.16	1.36e-03	1078.54	0.4	2814.17	0.9	0.0	0.0
71	59.761	0.017	0.072	310.49	0.1	3.63	1.19e-03	554.78	0.2	0.0	0.0
72	60.653	0.016	0.072	542.25	0.2	294.46	9.66e-02	6290.96	2.1	0.0	0.0
73	61.191	0.016	0.072	75.47	2.46e-02	9.36	3.07e-03	658.17	0.2	0.0	0.0
74	61.566	0.016	0.072	0.87	2.83e-04	379.17	0.1	1237.72	0.4	0.0	0.0
75	61.662	0.016	0.072	11.24	3.66e-03	346.35	0.1	0.10	3.21e-05	0.0	0.0
76	62.231	0.016	0.072	313.99	0.1	775.56	0.3	9028.52	3.0	0.0	0.0
77	62.992	0.016	0.071	94.18	3.07e-02	1595.31	0.5	1797.56	0.6	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
78	64.545	0.015	0.071	201.14	6.55e-02	410.27	0.1	205.95	6.76e-02	0.0	0.0
79	65.214	0.015	0.071	2042.06	0.7	1.13	3.71e-04	154.14	5.06e-02	0.0	0.0
80	66.207	0.015	0.071	13.54	4.41e-03	66.24	2.17e-02	1192.82	0.4	0.0	0.0
81	67.367	0.015	0.071	8.46	2.76e-03	188.49	6.19e-02	334.43	0.1	0.0	0.0
82	67.581	0.015	0.071	2.67	8.69e-04	155.92	5.12e-02	62.14	2.04e-02	0.0	0.0
83	68.135	0.015	0.071	3.00	9.79e-04	47.72	1.57e-02	394.31	0.1	0.0	0.0
84	69.145	0.014	0.070	242.02	7.88e-02	36.94	1.21e-02	1.269e+04	4.2	0.0	0.0
85	70.253	0.014	0.070	2265.75	0.7	437.58	0.1	288.89	9.48e-02	0.0	0.0
86	71.002	0.014	0.070	750.70	0.2	2000.73	0.7	8.50	2.79e-03	0.0	0.0
87	72.375	0.014	0.070	155.60	5.07e-02	504.51	0.2	0.61	2.00e-04	0.0	0.0
88	73.286	0.014	0.070	379.20	0.1	15.74	5.17e-03	137.79	4.52e-02	0.0	0.0
89	73.349	0.014	0.070	556.71	0.2	56.02	1.84e-02	205.54	6.75e-02	0.0	0.0
90	74.129	0.013	0.070	298.34	9.72e-02	388.63	0.1	400.61	0.1	0.0	0.0
91	74.558	0.013	0.070	7.30	2.38e-03	297.59	9.77e-02	888.73	0.3	0.0	0.0
92	75.468	0.013	0.069	72.43	2.36e-02	10.68	3.51e-03	10.96	3.60e-03	0.0	0.0
93	75.730	0.013	0.069	1.19	3.86e-04	1261.24	0.4	4985.38	1.6	0.0	0.0
94	76.045	0.013	0.069	293.49	9.56e-02	190.55	6.25e-02	176.06	5.78e-02	0.0	0.0
95	77.815	0.013	0.069	77.97	2.54e-02	63.87	2.10e-02	521.54	0.2	0.0	0.0
96	78.678	0.013	0.069	178.21	5.81e-02	1035.54	0.3	137.45	4.51e-02	0.0	0.0
97	78.751	0.013	0.069	81.34	2.65e-02	19.67	6.45e-03	4139.16	1.4	0.0	0.0
98	79.189	0.013	0.069	0.52	1.70e-04	7.30	2.39e-03	4597.58	1.5	0.0	0.0
99	79.873	0.013	0.069	35.99	1.17e-02	1227.78	0.4	1217.97	0.4	0.0	0.0
100	80.612	0.012	0.069	0.97	3.17e-04	33.87	1.11e-02	790.96	0.3	0.0	0.0
Risulta In percentuale				2.915e+05 94.97		2.759e+05 90.55		2.180e+05 71.56			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.154 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.067 s
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	1.06	0.0	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	1.08	0.0	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	1.09	0.0	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.59	165.52	9.73	17.29	0.65	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.42	0.0	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.08	0.0	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	1.12	0.0	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.63	0.0	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	1.14	0.0	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.04	0.0	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.15	0.0	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.38	0.0	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.70	0.0	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.41	0.0	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.88	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.73	0.0	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	1.11	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	0.75	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.36	0.0	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.33	0.0	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	1.18	0.0	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	1.15	0.0	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	1.05	0.0	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	2.40e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	2.65e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	2.44e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	1.20	0.0	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.43	0.0	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	2.50e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.74	0.0	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	4.96e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.14	0.0	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	2.37e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.44	0.0	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	2.51e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.32	0.0	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.82	0.0	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	2.02e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.49	0.0	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.46	0.0	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.48	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	7.20e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	1.11	0.0	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.53	0.0	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.80	0.0	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.73	0.0	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.58	0.0	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.04	0.0	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.23	0.0	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	1.04	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.49	0.0	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.31	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.52	0.0	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	1.09	0.0	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.38	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.40	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	1.06	0.0	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	1.03	0.0	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	1.08	0.0	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.66	0.0	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.72	0.0	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	1.04	0.0	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	1.05	0.0	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.71	0.0	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	1.09	0.0	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	1.03	0.0	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	1.06	0.0	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	0.72	0.0	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	1.04	0.0	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.38	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.154	69.15	2.27e-02	123.80	4.06e-02	5688.97	1.9	0.0	0.0
2	8.839	0.113	0.144	751.24	0.2	0.11	3.69e-05	7.13	2.34e-03	0.0	0.0
3	9.417	0.106	0.139	2.065e+05	67.8	1213.58	0.4	240.64	7.90e-02	0.0	0.0
4	9.578	0.104	0.138	8154.72	2.7	269.00	8.82e-02	4946.51	1.6	0.0	0.0
5	10.776	0.093	0.129	203.93	6.69e-02	12.45	4.08e-03	7042.17	2.3	0.0	0.0
6	11.522	0.087	0.125	6186.42	2.0	4427.49	1.5	260.51	8.55e-02	0.0	0.0
7	12.258	0.082	0.121	292.97	9.61e-02	2941.89	1.0	8454.56	2.8	0.0	0.0
8	13.473	0.074	0.115	425.62	0.1	5285.43	1.7	3347.75	1.1	0.0	0.0
9	14.919	0.067	0.110	9156.91	3.0	1.342e+05	44.0	1706.83	0.6	0.0	0.0
10	16.188	0.062	0.106	351.18	0.1	3156.41	1.0	7906.77	2.6	0.0	0.0
11	17.602	0.057	0.102	5.39e-03	1.77e-06	50.42	1.65e-02	17.24	5.66e-03	0.0	0.0
12	18.866	0.053	0.099	35.92	1.18e-02	35.92	1.18e-02	982.46	0.3	0.0	0.0
13	20.300	0.049	0.096	1.872e+04	6.1	3549.98	1.2	15.58	5.11e-03	0.0	0.0
14	20.898	0.048	0.095	65.25	2.14e-02	608.66	0.2	6389.36	2.1	0.0	0.0
15	21.864	0.046	0.094	2049.76	0.7	2411.32	0.8	7955.40	2.6	0.0	0.0
16	22.548	0.044	0.093	1047.78	0.3	7317.05	2.4	3506.34	1.2	0.0	0.0
17	23.793	0.042	0.091	168.59	5.53e-02	2.253e+04	7.4	7974.67	2.6	0.0	0.0
18	24.458	0.041	0.090	1933.94	0.6	342.18	0.1	2.995e+04	9.8	0.0	0.0
19	25.729	0.039	0.089	250.89	8.23e-02	2.537e+04	8.3	1032.70	0.3	0.0	0.0
20	26.149	0.038	0.088	2488.84	0.8	938.04	0.3	767.13	0.3	0.0	0.0
21	27.861	0.036	0.086	381.04	0.1	0.56	1.84e-04	6092.79	2.0	0.0	0.0
22	28.469	0.035	0.086	94.64	3.11e-02	251.23	8.23e-02	991.62	0.3	0.0	0.0
23	29.188	0.034	0.085	7549.71	2.5	2.320e+04	7.6	523.44	0.2	0.0	0.0
24	29.353	0.034	0.085	673.89	0.2	610.85	0.2	62.02	2.04e-02	0.0	0.0
25	29.713	0.034	0.085	194.25	6.37e-02	3161.32	1.0	1285.05	0.4	0.0	0.0
26	29.915	0.033	0.085	31.66	1.04e-02	562.29	0.2	2568.34	0.8	0.0	0.0
27	30.234	0.033	0.084	49.24	1.62e-02	77.00	2.52e-02	561.21	0.2	0.0	0.0
28	32.240	0.031	0.083	1782.21	0.6	468.10	0.2	8.89	2.92e-03	0.0	0.0
29	32.305	0.031	0.083	838.22	0.3	356.82	0.1	413.81	0.1	0.0	0.0
30	33.550	0.030	0.082	21.41	7.03e-03	7.42	2.43e-03	84.11	2.76e-02	0.0	0.0
31	34.563	0.029	0.081	7.33	2.41e-03	721.00	0.2	35.54	1.17e-02	0.0	0.0
32	35.017	0.029	0.081	1865.06	0.6	383.11	0.1	64.87	2.13e-02	0.0	0.0
33	36.653	0.027	0.080	103.56	3.40e-02	50.72	1.66e-02	361.61	0.1	0.0	0.0
34	37.661	0.027	0.079	930.77	0.3	1576.95	0.5	127.51	4.18e-02	0.0	0.0
35	38.359	0.026	0.079	72.70	2.39e-02	1102.67	0.4	2663.80	0.9	0.0	0.0
36	38.865	0.026	0.079	0.24	7.93e-05	620.26	0.2	262.94	8.63e-02	0.0	0.0
37	40.017	0.025	0.078	1171.07	0.4	186.74	6.12e-02	154.94	5.08e-02	0.0	0.0
38	40.834	0.024	0.078	939.81	0.3	761.88	0.2	2079.02	0.7	0.0	0.0
39	41.297	0.024	0.078	169.96	5.58e-02	119.05	3.90e-02	320.27	0.1	0.0	0.0
40	42.763	0.023	0.077	10.58	3.47e-03	734.51	0.2	91.41	3.00e-02	0.0	0.0
41	43.214	0.023	0.077	1451.48	0.5	503.55	0.2	263.69	8.65e-02	0.0	0.0
42	43.875	0.023	0.077	85.99	2.82e-02	883.11	0.3	6.17	2.02e-03	0.0	0.0
43	44.789	0.022	0.076	3.87	1.27e-03	1.31	4.30e-04	1059.85	0.3	0.0	0.0
44	45.595	0.022	0.076	40.52	1.33e-02	0.98	3.23e-04	1235.77	0.4	0.0	0.0
45	46.129	0.022	0.076	4.95	1.62e-03	0.27	8.94e-05	404.75	0.1	0.0	0.0
46	46.941	0.021	0.075	39.31	1.29e-02	117.19	3.84e-02	1001.65	0.3	0.0	0.0
47	47.105	0.021	0.075	150.69	4.95e-02	248.53	8.15e-02	15.64	5.13e-03	0.0	0.0
48	47.630	0.021	0.075	90.28	2.96e-02	5.63	1.84e-03	86.60	2.84e-02	0.0	0.0
49	48.024	0.021	0.075	0.39	1.27e-04	3226.78	1.1	653.52	0.2	0.0	0.0
50	48.135	0.021	0.075	0.11	3.47e-05	52.25	1.71e-02	4499.32	1.5	0.0	0.0
51	48.533	0.021	0.075	97.98	3.22e-02	64.31	2.11e-02	353.99	0.1	0.0	0.0
52	49.289	0.020	0.075	49.54	1.63e-02	56.03	1.84e-02	348.79	0.1	0.0	0.0
53	50.392	0.020	0.074	46.22	1.52e-02	5345.51	1.8	668.72	0.2	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
54	51.457	0.019	0.074	175.23	5.75e-02	266.64	8.74e-02	547.36	0.2	0.0	0.0
55	51.741	0.019	0.074	20.08	6.59e-03	1.11	3.64e-04	5732.46	1.9	0.0	0.0
56	52.423	0.019	0.074	0.99	3.25e-04	8.19	2.68e-03	1463.47	0.5	0.0	0.0
57	53.083	0.019	0.074	0.09	2.98e-05	293.18	9.61e-02	166.80	5.47e-02	0.0	0.0
58	53.784	0.019	0.073	78.60	2.58e-02	331.24	0.1	16.19	5.31e-03	0.0	0.0
59	54.057	0.018	0.073	218.41	7.17e-02	50.68	1.66e-02	259.95	8.53e-02	0.0	0.0
60	54.657	0.018	0.073	532.37	0.2	217.43	7.13e-02	2634.81	0.9	0.0	0.0
61	54.909	0.018	0.073	5.72e-04	0.0	11.57	3.79e-03	4700.35	1.5	0.0	0.0
62	55.256	0.018	0.073	110.05	3.61e-02	12.08	3.96e-03	2473.05	0.8	0.0	0.0
63	55.807	0.018	0.073	79.03	2.59e-02	77.22	2.53e-02	445.28	0.1	0.0	0.0
64	55.896	0.018	0.073	239.50	7.86e-02	476.17	0.2	336.30	0.1	0.0	0.0
65	56.466	0.018	0.073	18.48	6.07e-03	14.13	4.63e-03	374.63	0.1	0.0	0.0
66	57.520	0.017	0.073	202.17	6.63e-02	614.07	0.2	3262.97	1.1	0.0	0.0
67	57.958	0.017	0.072	7.86	2.58e-03	116.37	3.81e-02	1038.21	0.3	0.0	0.0
68	58.516	0.017	0.072	949.17	0.3	85.36	2.80e-02	67.12	2.20e-02	0.0	0.0
69	58.819	0.017	0.072	155.46	5.10e-02	297.62	9.76e-02	25.44	8.35e-03	0.0	0.0
70	59.725	0.017	0.072	661.58	0.2	19.10	6.26e-03	190.23	6.24e-02	0.0	0.0
71	59.990	0.017	0.072	4.50	1.48e-03	83.59	2.74e-02	2.033e+04	6.7	0.0	0.0
72	61.130	0.016	0.072	19.38	6.36e-03	170.14	5.58e-02	244.88	8.04e-02	0.0	0.0
73	61.445	0.016	0.072	198.90	6.53e-02	968.93	0.3	125.14	4.11e-02	0.0	0.0
74	61.667	0.016	0.072	44.18	1.45e-02	65.39	2.14e-02	524.77	0.2	0.0	0.0
75	62.207	0.016	0.072	88.34	2.90e-02	532.61	0.2	9439.47	3.1	0.0	0.0
76	62.873	0.016	0.071	68.07	2.23e-02	391.67	0.1	438.27	0.1	0.0	0.0
77	63.386	0.016	0.071	91.12	2.99e-02	2268.15	0.7	254.80	8.36e-02	0.0	0.0
78	63.932	0.016	0.071	687.59	0.2	703.46	0.2	3134.17	1.0	0.0	0.0
79	65.165	0.015	0.071	0.55	1.80e-04	68.51	2.25e-02	1674.34	0.5	0.0	0.0
80	65.890	0.015	0.071	1382.31	0.5	131.14	4.30e-02	48.48	1.59e-02	0.0	0.0
81	66.802	0.015	0.071	560.20	0.2	494.09	0.2	2777.92	0.9	0.0	0.0
82	67.111	0.015	0.071	3.18	1.04e-03	145.18	4.76e-02	478.85	0.2	0.0	0.0
83	67.576	0.015	0.071	27.47	9.02e-03	100.90	3.31e-02	2686.49	0.9	0.0	0.0
84	67.645	0.015	0.071	92.69	3.04e-02	143.60	4.71e-02	1979.52	0.6	0.0	0.0
85	69.424	0.014	0.070	0.78	2.56e-04	0.73	2.39e-04	27.65	9.07e-03	0.0	0.0
86	70.565	0.014	0.070	1414.99	0.5	272.06	8.92e-02	710.41	0.2	0.0	0.0
87	71.357	0.014	0.070	209.75	6.88e-02	420.07	0.1	474.42	0.2	0.0	0.0
88	72.634	0.014	0.070	782.41	0.3	10.73	3.52e-03	3153.63	1.0	0.0	0.0
89	73.322	0.014	0.070	3.67	1.20e-03	81.15	2.66e-02	428.78	0.1	0.0	0.0
90	73.628	0.014	0.070	160.06	5.25e-02	872.26	0.3	1817.68	0.6	0.0	0.0
91	73.838	0.014	0.070	227.46	7.46e-02	2094.29	0.7	3837.55	1.3	0.0	0.0
92	74.245	0.013	0.070	455.69	0.1	571.64	0.2	561.74	0.2	0.0	0.0
93	75.121	0.013	0.069	1006.43	0.3	3.36	1.10e-03	407.38	0.1	0.0	0.0
94	75.680	0.013	0.069	51.17	1.68e-02	53.58	1.76e-02	15.13	4.97e-03	0.0	0.0
95	77.800	0.013	0.069	0.79	2.58e-04	10.05	3.29e-03	1549.23	0.5	0.0	0.0
96	77.959	0.013	0.069	104.96	3.44e-02	12.54	4.11e-03	67.03	2.20e-02	0.0	0.0
97	79.050	0.013	0.069	2.01	6.61e-04	0.77	2.51e-04	6189.82	2.0	0.0	0.0
98	79.444	0.013	0.069	121.58	3.99e-02	352.20	0.1	2989.75	1.0	0.0	0.0
99	80.390	0.012	0.069	7.72	2.53e-03	1143.01	0.4	843.51	0.3	0.0	0.0
100	80.607	0.012	0.069	21.04	6.91e-03	1157.97	0.4	1.85	6.06e-04	0.0	0.0
Risulta				2.891e+05		2.764e+05		2.185e+05			
In percentuale				94.87		90.62		71.71			

CDC	Tipo	Sigla Id	Note
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.154 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.067 s
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
4.10	1.517e+04	9.84	17.93	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	-1.06	0.0	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	-0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	-1.08	0.0	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	-1.09	0.0	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	-0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	-0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	-0.65	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.42	467.89	4.35	10.77	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	-0.08	0.0	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	-1.12	0.0	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	-1.14	0.0	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	-0.15	0.0	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	-0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.18	324.48	9.98	2.51	-0.70	0.0	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	-0.41	0.0	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	-1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	-0.88	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	-0.75	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	-0.36	0.0	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	-0.33	0.0	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	-1.18	0.0	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	-1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	-1.15	0.0	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	-1.05	0.0	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	-2.40e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	-0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	-2.65e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	-2.44e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	-0.43	0.0	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	-2.50e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	-0.74	0.0	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	-0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	-4.96e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	-0.14	0.0	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	-2.37e-03	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	-1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	-0.44	0.0	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	-2.51e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	-1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	-0.32	0.0	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	-0.82	0.0	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	-2.02e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	-0.49	0.0	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	-0.46	0.0	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	-7.20e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	-1.11	0.0	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	-0.53	0.0	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	-0.80	0.0	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	-0.73	0.0	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	-0.58	0.0	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	-0.54	0.0	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	-0.23	0.0	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	-0.62	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	-0.49	0.0	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	-0.31	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	-0.52	0.0	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	-1.09	0.0	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	-0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	-0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	-0.66	0.0	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	-0.72	0.0	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	-1.05	0.0	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	-0.71	0.0	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	-1.09	0.0	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	-0.72	0.0	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.154	68.73	2.26e-02	115.09	3.78e-02	5698.59	1.9	0.0	0.0
2	8.804	0.114	0.145	457.01	0.1	29.16	9.56e-03	0.02	5.56e-06	0.0	0.0
3	9.427	0.106	0.139	2.066e+05	67.8	2483.42	0.8	247.37	8.12e-02	0.0	0.0
4	9.531	0.105	0.138	9225.48	3.0	719.99	0.2	4919.37	1.6	0.0	0.0
5	10.776	0.093	0.129	222.58	7.30e-02	3.42	1.12e-03	7054.81	2.3	0.0	0.0
6	11.546	0.087	0.124	3924.22	1.3	1.424e+04	4.7	385.95	0.1	0.0	0.0
7	12.235	0.082	0.121	717.93	0.2	3080.62	1.0	8316.22	2.7	0.0	0.0
8	13.428	0.074	0.115	876.99	0.3	6766.28	2.2	2795.14	0.9	0.0	0.0
9	14.912	0.067	0.110	1.242e+04	4.1	1.254e+05	41.1	2090.20	0.7	0.0	0.0
10	16.183	0.062	0.106	361.21	0.1	2494.56	0.8	7863.00	2.6	0.0	0.0
11	17.578	0.057	0.102	0.80	2.64e-04	77.79	2.55e-02	15.05	4.94e-03	0.0	0.0
12	18.866	0.053	0.099	30.24	9.93e-03	43.70	1.43e-02	1000.40	0.3	0.0	0.0
13	20.472	0.049	0.096	1.616e+04	5.3	1547.07	0.5	140.64	4.62e-02	0.0	0.0
14	20.866	0.048	0.095	289.64	9.51e-02	1533.46	0.5	6804.22	2.2	0.0	0.0
15	21.772	0.046	0.094	1991.00	0.7	6139.93	2.0	8143.63	2.7	0.0	0.0
16	22.404	0.045	0.093	260.72	8.56e-02	9049.10	3.0	1098.05	0.4	0.0	0.0
17	23.558	0.042	0.091	45.84	1.50e-02	1.676e+04	5.5	6202.88	2.0	0.0	0.0
18	24.303	0.041	0.090	2007.12	0.7	0.13	4.17e-05	3.361e+04	11.0	0.0	0.0
19	25.765	0.039	0.089	396.77	0.1	1.867e+04	6.1	134.44	4.41e-02	0.0	0.0
20	26.803	0.037	0.087	2344.81	0.8	1521.46	0.5	168.72	5.54e-02	0.0	0.0
21	27.943	0.036	0.086	475.78	0.2	191.13	6.27e-02	6764.74	2.2	0.0	0.0
22	28.414	0.035	0.086	164.81	5.41e-02	161.63	5.30e-02	925.75	0.3	0.0	0.0
23	29.355	0.034	0.085	50.13	1.65e-02	2.35	7.70e-04	0.51	1.66e-04	0.0	0.0
24	29.560	0.034	0.085	3827.10	1.3	372.05	0.1	2191.86	0.7	0.0	0.0
25	29.902	0.033	0.085	22.97	7.54e-03	469.58	0.2	3312.47	1.1	0.0	0.0
26	30.179	0.033	0.084	303.63	9.96e-02	183.74	6.03e-02	387.34	0.1	0.0	0.0
27	30.479	0.033	0.084	3885.09	1.3	3.010e+04	9.9	31.70	1.04e-02	0.0	0.0
28	32.285	0.031	0.083	1826.14	0.6	172.65	5.66e-02	296.80	9.74e-02	0.0	0.0
29	32.315	0.031	0.083	86.77	2.85e-02	537.22	0.2	172.69	5.67e-02	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
30	33.437	0.030	0.082	2514.01	0.8	330.35	0.1	0.51	1.69e-04	0.0	0.0
31	33.564	0.030	0.082	523.05	0.2	12.93	4.24e-03	107.04	3.51e-02	0.0	0.0
32	34.792	0.029	0.081	1214.45	0.4	171.22	5.62e-02	4.36	1.43e-03	0.0	0.0
33	35.544	0.028	0.081	87.62	2.88e-02	255.30	8.37e-02	4.17	1.37e-03	0.0	0.0
34	37.591	0.027	0.079	99.58	3.27e-02	140.15	4.60e-02	33.96	1.11e-02	0.0	0.0
35	38.512	0.026	0.079	0.87	2.85e-04	1053.02	0.3	3808.74	1.2	0.0	0.0
36	39.870	0.025	0.078	8.53	2.80e-03	1298.58	0.4	41.07	1.35e-02	0.0	0.0
37	40.073	0.025	0.078	1141.28	0.4	154.69	5.07e-02	341.45	0.1	0.0	0.0
38	41.185	0.024	0.078	11.51	3.78e-03	1076.33	0.4	691.76	0.2	0.0	0.0
39	41.351	0.024	0.078	1697.56	0.6	263.84	8.65e-02	1076.79	0.4	0.0	0.0
40	42.155	0.024	0.077	942.43	0.3	1255.05	0.4	9.09	2.98e-03	0.0	0.0
41	44.129	0.023	0.076	59.07	1.94e-02	375.75	0.1	19.98	6.56e-03	0.0	0.0
42	44.570	0.022	0.076	8.08	2.65e-03	1401.95	0.5	50.82	1.67e-02	0.0	0.0
43	44.812	0.022	0.076	0.29	9.68e-05	12.26	4.02e-03	1430.40	0.5	0.0	0.0
44	45.716	0.022	0.076	1.23	4.02e-04	312.35	0.1	2.46	8.06e-04	0.0	0.0
45	46.079	0.022	0.076	153.61	5.04e-02	14.26	4.68e-03	1117.78	0.4	0.0	0.0
46	46.765	0.021	0.076	0.83	2.72e-04	1192.24	0.4	2805.51	0.9	0.0	0.0
47	47.069	0.021	0.075	0.03	8.50e-06	1611.96	0.5	521.20	0.2	0.0	0.0
48	47.563	0.021	0.075	2.93	9.61e-04	455.51	0.1	53.54	1.76e-02	0.0	0.0
49	47.869	0.021	0.075	62.70	2.06e-02	1130.54	0.4	47.98	1.57e-02	0.0	0.0
50	48.010	0.021	0.075	25.07	8.23e-03	6.52	2.14e-03	1559.50	0.5	0.0	0.0
51	48.204	0.021	0.075	84.43	2.77e-02	121.09	3.97e-02	1688.05	0.6	0.0	0.0
52	49.212	0.020	0.075	7.39	2.42e-03	84.96	2.79e-02	153.59	5.04e-02	0.0	0.0
53	50.454	0.020	0.074	120.48	3.95e-02	4035.63	1.3	4011.98	1.3	0.0	0.0
54	51.316	0.019	0.074	98.19	3.22e-02	43.19	1.42e-02	2125.16	0.7	0.0	0.0
55	51.395	0.019	0.074	98.64	3.24e-02	605.91	0.2	1178.46	0.4	0.0	0.0
56	52.378	0.019	0.074	0.97	3.18e-04	0.78	2.57e-04	1440.80	0.5	0.0	0.0
57	52.496	0.019	0.074	21.62	7.10e-03	27.93	9.16e-03	134.16	4.40e-02	0.0	0.0
58	53.581	0.019	0.074	250.19	8.21e-02	83.89	2.75e-02	159.91	5.25e-02	0.0	0.0
59	54.170	0.018	0.073	70.08	2.30e-02	349.66	0.1	2015.34	0.7	0.0	0.0
60	54.492	0.018	0.073	693.46	0.2	9.71	3.18e-03	2718.18	0.9	0.0	0.0
61	54.623	0.018	0.073	60.42	1.98e-02	760.41	0.2	4434.18	1.5	0.0	0.0
62	55.080	0.018	0.073	4.83	1.58e-03	7.73	2.54e-03	516.74	0.2	0.0	0.0
63	55.489	0.018	0.073	93.98	3.08e-02	120.74	3.96e-02	500.27	0.2	0.0	0.0
64	55.968	0.018	0.073	20.90	6.86e-03	33.86	1.11e-02	354.71	0.1	0.0	0.0
65	56.397	0.018	0.073	129.31	4.24e-02	5.79	1.90e-03	22.28	7.31e-03	0.0	0.0
66	56.895	0.018	0.073	221.85	7.28e-02	293.17	9.62e-02	110.15	3.62e-02	0.0	0.0
67	57.853	0.017	0.072	727.81	0.2	20.86	6.84e-03	8086.10	2.7	0.0	0.0
68	57.989	0.017	0.072	513.75	0.2	59.70	1.96e-02	61.95	2.03e-02	0.0	0.0
69	58.745	0.017	0.072	9.10	2.99e-03	2410.04	0.8	6678.65	2.2	0.0	0.0
70	59.357	0.017	0.072	0.10	3.43e-05	291.19	9.55e-02	20.93	6.87e-03	0.0	0.0
71	60.462	0.017	0.072	206.16	6.77e-02	688.66	0.2	1.441e+04	4.7	0.0	0.0
72	61.140	0.016	0.072	177.29	5.82e-02	48.15	1.58e-02	141.17	4.63e-02	0.0	0.0
73	61.261	0.016	0.072	22.86	7.50e-03	315.63	0.1	1052.18	0.3	0.0	0.0
74	61.570	0.016	0.072	5.40	1.77e-03	0.06	1.96e-05	542.58	0.2	0.0	0.0
75	62.341	0.016	0.072	5.98	1.96e-03	52.38	1.72e-02	4827.92	1.6	0.0	0.0
76	62.920	0.016	0.071	468.56	0.2	2047.74	0.7	1724.83	0.6	0.0	0.0
77	63.649	0.016	0.071	80.10	2.63e-02	201.13	6.60e-02	55.36	1.82e-02	0.0	0.0
78	63.794	0.016	0.071	137.25	4.50e-02	132.52	4.35e-02	0.25	8.05e-05	0.0	0.0
79	64.953	0.015	0.071	285.79	9.38e-02	19.54	6.41e-03	1220.87	0.4	0.0	0.0
80	65.632	0.015	0.071	293.84	9.64e-02	1.04	3.42e-04	1890.37	0.6	0.0	0.0
81	65.946	0.015	0.071	2096.32	0.7	1.50	4.91e-04	253.84	8.33e-02	0.0	0.0
82	66.601	0.015	0.071	9.69	3.18e-03	0.52	1.71e-04	13.51	4.44e-03	0.0	0.0
83	67.614	0.015	0.071	18.35	6.02e-03	59.50	1.95e-02	1042.23	0.3	0.0	0.0
84	68.090	0.015	0.071	50.28	1.65e-02	50.23	1.65e-02	180.50	5.92e-02	0.0	0.0
85	69.391	0.014	0.070	471.42	0.2	211.67	6.94e-02	3866.88	1.3	0.0	0.0
86	70.978	0.014	0.070	699.15	0.2	1697.18	0.6	235.21	7.72e-02	0.0	0.0
87	71.955	0.014	0.070	4.70	1.54e-03	179.57	5.89e-02	230.56	7.57e-02	0.0	0.0
88	72.791	0.014	0.070	0.38	1.24e-04	1167.92	0.4	1.192e+04	3.9	0.0	0.0
89	73.036	0.014	0.070	1520.19	0.5	11.33	3.72e-03	262.56	8.62e-02	0.0	0.0
90	73.442	0.014	0.070	440.32	0.1	31.48	1.03e-02	1033.52	0.3	0.0	0.0
91	74.064	0.014	0.070	653.20	0.2	96.20	3.16e-02	7.02	2.30e-03	0.0	0.0
92	75.556	0.013	0.069	45.10	1.48e-02	3.61	1.18e-03	0.71	2.33e-04	0.0	0.0
93	76.132	0.013	0.069	598.63	0.2	442.57	0.1	85.81	2.82e-02	0.0	0.0
94	76.383	0.013	0.069	27.55	9.04e-03	2723.52	0.9	45.33	1.49e-02	0.0	0.0
95	77.604	0.013	0.069	1.23	4.05e-04	12.07	3.96e-03	1206.34	0.4	0.0	0.0
96	78.499	0.013	0.069	3.86	1.27e-03	272.29	8.93e-02	87.54	2.87e-02	0.0	0.0
97	79.293	0.013	0.069	14.18	4.65e-03	281.52	9.23e-02	235.90	7.74e-02	0.0	0.0
98	79.519	0.013	0.069	20.78	6.82e-03	51.16	1.68e-02	4544.17	1.5	0.0	0.0
99	80.293	0.012	0.069	1.71	5.60e-04	435.40	0.1	1.160e+04	3.8	0.0	0.0
100	80.622	0.012	0.069	0.52	1.72e-04	41.68	1.37e-02	888.21	0.3	0.0	0.0
Risulta				2.892e+05		2.761e+05		2.245e+05			
In				94.90		90.56		73.69			

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
percentuale											

CDC	Tipo	Sigla Id	Note
15	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.140 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.108 s
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	0.0	-0.07	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.0	-0.55	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	0.0	-0.10	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	0.0	-0.13	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	0.0	-0.36	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	0.0	-0.74	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	0.0	-0.31	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	0.0	-0.25	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	0.0	-0.47	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	0.0	-0.52	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	0.0	-0.34	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.0	-1.07e-04	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	0.0	-0.45	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	0.0	-0.37	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	0.0	-0.39	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	0.0	-0.51	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	0.0	-0.27	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	0.0	-0.94	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.0	-7.10e-05	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	0.0	-0.31	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	0.0	-0.45	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	0.0	-0.48	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	0.0	-0.51	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.24	147.21	4.55	4.21	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.0	-0.43	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	0.0	-0.52	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.0	-4.39e-03	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.0	-1.47e-03	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	0.0	-0.43	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.0	-1.50e-03	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.0	-9.15e-03	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	0.0	-1.96e-03	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.0	-9.34e-04	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.0	-0.56	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.0	-1.82e-03	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	0.0	-0.20	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	0.0	-0.66	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	0.0	-0.11	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	0.0	-0.50	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.0	-2.27e-03	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	0.0	-0.02	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.0	-0.85	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.0	-9.34e-04	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.0	-0.67	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.0	-0.09	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	0.0	-0.62	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.0	-1.06	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.0	-0.74	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.0	-0.89	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.0	-2.15e-03	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.0	-0.28	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	0.0	-0.08	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	0.0	-0.45	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.0	-3.77e-03	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.0	-1.12	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.0	-0.97	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.0	-0.22	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.0	-7.97e-03	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.0	-0.05	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.0	-0.87	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.0	-0.40	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.0	-0.04	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.0	-1.05	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	0.0	-0.90	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.0	-0.75	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.0	-1.12	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.0	-0.82	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.0	-0.24	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.0	-1.11	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.0	-0.79	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.0	-0.73	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	0.0	-0.36	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	0.0	-4.38e-03	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.40	218.48	13.99	6.27	0.0	-0.18	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.0	-0.70	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	0.0	-0.23	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.0	-0.81	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	0.0	-0.07	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.0	-0.94	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	0.0	-0.23	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	0.0	-0.14	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	0.0	-0.81	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	0.0	-0.26	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.0	-0.71	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.0	-0.01	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.0	-0.16	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	0.0	-0.35	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	0.0	-0.63	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.140	107.26	3.51e-02	113.18	3.71e-02	5693.14	1.9	0.0	0.0
2	8.821	0.113	0.132	1229.93	0.4	0.45	1.47e-04	1.59	5.21e-04	0.0	0.0
3	9.254	0.108	0.129	2.147e+05	70.3	3197.28	1.0	44.52	1.46e-02	0.0	0.0
4	9.552	0.105	0.126	1880.65	0.6	332.51	0.1	5134.95	1.7	0.0	0.0
5	10.777	0.093	0.118	260.32	8.53e-02	23.99	7.87e-03	7097.30	2.3	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
6	11.735	0.085	0.113	514.62	0.2	8794.07	2.9	382.10	0.1	0.0	0.0
7	12.251	0.082	0.111	156.26	5.12e-02	2495.55	0.8	8275.81	2.7	0.0	0.0
8	13.453	0.074	0.105	487.21	0.2	5569.66	1.8	3108.13	1.0	0.0	0.0
9	14.869	0.067	0.101	1.351e+04	4.4	1.197e+05	39.3	1772.82	0.6	0.0	0.0
10	16.183	0.062	0.097	427.05	0.1	2315.85	0.8	7949.52	2.6	0.0	0.0
11	17.590	0.057	0.093	1.31	4.29e-04	42.30	1.39e-02	16.63	5.46e-03	0.0	0.0
12	18.866	0.053	0.091	35.57	1.17e-02	43.40	1.42e-02	991.75	0.3	0.0	0.0
13	19.199	0.052	0.090	1.651e+04	5.4	1.781e+04	5.8	26.43	8.67e-03	0.0	0.0
14	20.870	0.048	0.087	19.13	6.27e-03	1175.15	0.4	6909.30	2.3	0.0	0.0
15	21.725	0.046	0.086	4122.83	1.4	1.013e+04	3.3	7012.08	2.3	0.0	0.0
16	22.182	0.045	0.085	745.49	0.2	9351.61	3.1	99.77	3.27e-02	0.0	0.0
17	23.138	0.043	0.084	0.30	9.97e-05	6462.18	2.1	8169.06	2.7	0.0	0.0
18	24.425	0.041	0.083	1698.22	0.6	168.35	5.52e-02	3.465e+04	11.4	0.0	0.0
19	25.844	0.039	0.081	418.81	0.1	1.757e+04	5.8	98.04	3.22e-02	0.0	0.0
20	26.204	0.038	0.081	1950.78	0.6	3129.58	1.0	641.26	0.2	0.0	0.0
21	27.889	0.036	0.079	164.50	5.39e-02	251.06	8.24e-02	5676.36	1.9	0.0	0.0
22	28.417	0.035	0.079	180.99	5.93e-02	124.64	4.09e-02	926.20	0.3	0.0	0.0
23	29.720	0.034	0.078	179.37	5.88e-02	5315.19	1.7	1844.98	0.6	0.0	0.0
24	29.842	0.034	0.077	3658.26	1.2	7254.36	2.4	143.16	4.70e-02	0.0	0.0
25	29.906	0.033	0.077	0.60	1.96e-04	54.65	1.79e-02	974.96	0.3	0.0	0.0
26	30.029	0.033	0.077	5277.27	1.7	1.882e+04	6.2	2003.40	0.7	0.0	0.0
27	30.193	0.033	0.077	2.09e-03	0.0	860.35	0.3	597.01	0.2	0.0	0.0
28	32.340	0.031	0.076	858.37	0.3	708.55	0.2	537.96	0.2	0.0	0.0
29	32.792	0.030	0.075	1408.46	0.5	69.31	2.27e-02	3.04	9.98e-04	0.0	0.0
30	33.546	0.030	0.075	3.42	1.12e-03	12.86	4.22e-03	74.77	2.45e-02	0.0	0.0
31	34.217	0.029	0.074	976.63	0.3	752.91	0.2	83.54	2.74e-02	0.0	0.0
32	34.912	0.029	0.074	2316.33	0.8	0.62	2.04e-04	24.49	8.04e-03	0.0	0.0
33	35.778	0.028	0.074	58.59	1.92e-02	15.49	5.08e-03	6.87	2.25e-03	0.0	0.0
34	37.131	0.027	0.073	409.30	0.1	724.99	0.2	28.70	9.42e-03	0.0	0.0
35	38.265	0.026	0.072	50.39	1.65e-02	2132.13	0.7	3007.48	1.0	0.0	0.0
36	39.241	0.025	0.072	3.19	1.05e-03	1198.85	0.4	373.84	0.1	0.0	0.0
37	40.235	0.025	0.071	1185.45	0.4	252.72	8.29e-02	281.51	9.24e-02	0.0	0.0
38	40.939	0.024	0.071	824.48	0.3	874.34	0.3	2095.21	0.7	0.0	0.0
39	42.839	0.023	0.070	588.48	0.2	526.83	0.2	309.00	0.1	0.0	0.0
40	43.040	0.023	0.070	714.81	0.2	903.21	0.3	35.13	1.15e-02	0.0	0.0
41	44.066	0.023	0.070	393.34	0.1	444.60	0.1	16.27	5.34e-03	0.0	0.0
42	44.471	0.022	0.070	13.08	4.28e-03	1064.12	0.3	4.71	1.55e-03	0.0	0.0
43	44.812	0.022	0.070	23.30	7.63e-03	54.95	1.80e-02	1181.95	0.4	0.0	0.0
44	45.516	0.022	0.069	156.67	5.13e-02	0.28	9.29e-05	1460.32	0.5	0.0	0.0
45	45.939	0.022	0.069	0.47	1.53e-04	84.86	2.78e-02	359.38	0.1	0.0	0.0
46	46.337	0.022	0.069	53.86	1.76e-02	1030.85	0.3	595.51	0.2	0.0	0.0
47	46.958	0.021	0.069	3.58	1.17e-03	21.50	7.06e-03	495.56	0.2	0.0	0.0
48	47.973	0.021	0.069	94.86	3.11e-02	2224.67	0.7	1121.11	0.4	0.0	0.0
49	48.086	0.021	0.069	0.20	6.52e-05	3.02	9.92e-04	3748.98	1.2	0.0	0.0
50	48.219	0.021	0.069	221.02	7.24e-02	23.97	7.87e-03	49.84	1.64e-02	0.0	0.0
51	48.673	0.021	0.068	19.14	6.27e-03	200.63	6.58e-02	560.75	0.2	0.0	0.0
52	49.654	0.020	0.068	186.87	6.12e-02	14.72	4.83e-03	626.51	0.2	0.0	0.0
53	50.475	0.020	0.068	5.20	1.70e-03	6457.19	2.1	420.89	0.1	0.0	0.0
54	51.531	0.019	0.068	43.85	1.44e-02	0.06	1.83e-05	5416.75	1.8	0.0	0.0
55	52.380	0.019	0.067	16.02	5.25e-03	37.44	1.23e-02	520.83	0.2	0.0	0.0
56	52.450	0.019	0.067	9.03	2.96e-03	168.64	5.53e-02	1202.41	0.4	0.0	0.0
57	53.074	0.019	0.067	26.46	8.67e-03	325.86	0.1	1259.47	0.4	0.0	0.0
58	53.652	0.019	0.067	2.77	9.08e-04	212.18	6.96e-02	3.14	1.03e-03	0.0	0.0
59	53.872	0.019	0.067	235.81	7.72e-02	33.33	1.09e-02	316.21	0.1	0.0	0.0
60	54.416	0.018	0.067	871.50	0.3	1.32	4.32e-04	3412.95	1.1	0.0	0.0
61	54.737	0.018	0.067	89.42	2.93e-02	22.71	7.45e-03	1152.19	0.4	0.0	0.0
62	55.086	0.018	0.067	355.67	0.1	4.51	1.48e-03	3778.24	1.2	0.0	0.0
63	55.515	0.018	0.067	27.33	8.95e-03	36.05	1.18e-02	191.74	6.29e-02	0.0	0.0
64	55.839	0.018	0.067	46.25	1.52e-02	211.32	6.93e-02	332.10	0.1	0.0	0.0
65	56.218	0.018	0.067	31.92	1.05e-02	4.80	1.57e-03	382.27	0.1	0.0	0.0
66	56.570	0.018	0.067	229.29	7.51e-02	9.63	3.16e-03	26.18	8.59e-03	0.0	0.0
67	57.155	0.017	0.066	195.44	6.40e-02	244.67	8.03e-02	501.62	0.2	0.0	0.0
68	58.180	0.017	0.066	8.38	2.75e-03	424.78	0.1	4187.55	1.4	0.0	0.0
69	59.297	0.017	0.066	652.48	0.2	518.11	0.2	1.341e+04	4.4	0.0	0.0
70	59.782	0.017	0.066	52.96	1.73e-02	72.14	2.37e-02	290.46	9.53e-02	0.0	0.0
71	59.927	0.017	0.066	314.25	0.1	702.17	0.2	6329.12	2.1	0.0	0.0
72	60.900	0.016	0.066	25.34	8.30e-03	374.14	0.1	3353.17	1.1	0.0	0.0
73	61.330	0.016	0.066	33.90	1.11e-02	458.12	0.2	1458.23	0.5	0.0	0.0
74	61.619	0.016	0.066	9.65	3.16e-03	7.88	2.59e-03	844.78	0.3	0.0	0.0
75	62.016	0.016	0.065	5.24	1.72e-03	209.47	6.87e-02	14.68	4.82e-03	0.0	0.0
76	62.701	0.016	0.065	53.49	1.75e-02	306.84	0.1	7399.01	2.4	0.0	0.0
77	63.653	0.016	0.065	1837.26	0.6	2126.02	0.7	639.53	0.2	0.0	0.0
78	64.145	0.016	0.065	33.41	1.09e-02	1026.13	0.3	1998.78	0.7	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
79	65.147	0.015	0.065	543.77	0.2	49.89	1.64e-02	1154.56	0.4	0.0	0.0
80	66.246	0.015	0.065	8.10	2.65e-03	42.31	1.39e-02	895.20	0.3	0.0	0.0
81	67.022	0.015	0.065	361.94	0.1	92.51	3.04e-02	365.03	0.1	0.0	0.0
82	67.551	0.015	0.065	309.81	0.1	148.10	4.86e-02	0.42	1.38e-04	0.0	0.0
83	68.271	0.015	0.064	136.80	4.48e-02	58.53	1.92e-02	950.52	0.3	0.0	0.0
84	68.841	0.015	0.064	75.18	2.46e-02	0.01	4.72e-06	5010.43	1.6	0.0	0.0
85	69.770	0.014	0.064	242.73	7.95e-02	906.72	0.3	2973.13	1.0	0.0	0.0
86	70.249	0.014	0.064	0.99	3.25e-04	932.69	0.3	997.32	0.3	0.0	0.0
87	71.369	0.014	0.064	66.18	2.17e-02	20.81	6.83e-03	28.91	9.49e-03	0.0	0.0
88	72.354	0.014	0.064	146.46	4.80e-02	489.03	0.2	307.04	0.1	0.0	0.0
89	73.337	0.014	0.064	16.93	5.55e-03	0.14	4.68e-05	251.75	8.26e-02	0.0	0.0
90	73.884	0.014	0.064	1245.51	0.4	71.37	2.34e-02	1194.59	0.4	0.0	0.0
91	74.881	0.013	0.064	203.53	6.67e-02	286.70	9.41e-02	1.11	3.65e-04	0.0	0.0
92	75.425	0.013	0.063	2197.56	0.7	8.13	2.67e-03	457.10	0.2	0.0	0.0
93	75.640	0.013	0.063	0.19	6.35e-05	25.04	8.22e-03	16.67	5.47e-03	0.0	0.0
94	76.764	0.013	0.063	5.50	1.80e-03	108.37	3.56e-02	576.49	0.2	0.0	0.0
95	76.883	0.013	0.063	5.36	1.76e-03	1205.19	0.4	7790.26	2.6	0.0	0.0
96	77.959	0.013	0.063	17.96	5.88e-03	2083.56	0.7	1047.52	0.3	0.0	0.0
97	78.144	0.013	0.063	36.37	1.19e-02	705.91	0.2	574.52	0.2	0.0	0.0
98	79.212	0.013	0.063	2.22	7.28e-04	65.39	2.15e-02	9548.23	3.1	0.0	0.0
99	79.586	0.013	0.063	23.52	7.70e-03	4.37	1.43e-03	2882.59	0.9	0.0	0.0
100	80.419	0.012	0.063	9.45	3.10e-03	38.71	1.27e-02	1891.15	0.6	0.0	0.0
Risulta				2.897e+05		2.758e+05		2.251e+05			
In percentuale				94.88		90.51		73.86			

CDC	Tipo	Sigla Id	Note
16	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.140 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.106 s
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.0	0.01	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.0	0.01	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	0.0	0.07	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.0	0.55	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	0.0	0.10	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	0.0	0.13	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	0.0	0.16	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	0.0	0.36	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	0.0	0.74	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	0.0	0.31	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	0.0	0.16	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	0.0	0.25	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	0.0	0.71	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.0	0.16	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.0	0.36	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	0.0	0.37	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	0.0	0.47	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	0.0	0.37	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	0.0	0.52	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	0.0	0.34	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.0	1.07e-04	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	0.0	0.45	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	0.0	0.37	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	0.0	0.48	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	0.0	0.39	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	0.0	0.51	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	0.0	0.27	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	0.0	0.94	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.0	7.10e-05	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	0.0	0.31	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	0.0	0.45	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.33	114.85	19.14	11.17	0.0	0.35	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	0.0	0.48	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	0.0	0.51	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.0	0.71	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.0	0.43	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	0.0	0.52	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.0	4.39e-03	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.0	1.47e-03	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	0.0	0.43	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.0	1.50e-03	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.0	9.15e-03	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	0.0	1.96e-03	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.0	0.02	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.0	9.34e-04	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	0.0	0.12	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.0	0.56	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.0	1.82e-03	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.0	0.04	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	0.0	0.20	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.15	1.182e+04	2.34	12.28	0.0	0.66	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	0.0	0.11	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	0.0	0.12	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	0.0	0.22	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	0.0	0.50	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.0	2.27e-03	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	0.0	0.02	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.0	0.05	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.0	0.22	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.0	0.85	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.0	9.34e-04	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	0.0	0.06	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.0	0.67	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	0.0	0.14	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.0	0.09	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	0.0	0.62	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.0	1.06	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	0.0	0.03	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.0	0.74	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.0	0.89	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.0	2.15e-03	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.0	0.28	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	0.0	0.08	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	0.0	0.45	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.0	3.77e-03	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.0	0.03	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.0	1.12	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.0	0.97	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.0	0.22	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.0	7.97e-03	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.0	0.03	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.0	0.16	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.0	0.05	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	0.0	0.36	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.0	0.26	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.0	0.87	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.0	0.06	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.0	0.40	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.0	0.04	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.0	1.05	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	0.0	0.90	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.0	0.75	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.0	1.12	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.0	0.82	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.0	0.24	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.0	1.11	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.0	0.79	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.0	0.73	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	0.0	0.36	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	0.0	4.38e-03	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	0.0	0.63	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	0.0	0.18	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	0.0	0.63	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.0	0.70	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	0.0	0.23	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.0	0.81	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	0.0	0.26	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.88	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	0.0	0.07	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.0	0.94	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	0.0	0.23	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	0.0	0.14	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	0.0	0.14	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.05	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	0.0	0.81	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	0.0	0.26	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.0	0.71	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.0	0.01	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.0	0.16	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	0.0	0.35	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	0.0	0.63	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.140	49.68	1.62e-02	123.27	4.05e-02	5694.04	1.9	0.0	0.0
2	8.822	0.113	0.132	522.25	0.2	8.91	2.92e-03	1.62	5.31e-04	0.0	0.0
3	9.409	0.106	0.127	1.942e+05	63.3	759.86	0.2	190.57	6.25e-02	0.0	0.0
4	9.553	0.105	0.126	5375.25	1.8	291.49	9.57e-02	4991.34	1.6	0.0	0.0
5	10.774	0.093	0.118	32.85	1.07e-02	0.02	6.69e-06	6993.86	2.3	0.0	0.0
6	11.481	0.087	0.114	2.708e+04	8.8	7942.84	2.6	340.03	0.1	0.0	0.0
7	12.243	0.082	0.111	694.44	0.2	3527.97	1.2	8438.24	2.8	0.0	0.0
8	13.447	0.074	0.106	666.78	0.2	6609.81	2.2	3030.78	1.0	0.0	0.0
9	14.951	0.067	0.100	7905.77	2.6	1.373e+05	45.1	1974.65	0.6	0.0	0.0
10	16.187	0.062	0.097	295.67	9.63e-02	3105.54	1.0	7843.77	2.6	0.0	0.0
11	17.590	0.057	0.093	0.03	1.01e-05	74.25	2.44e-02	16.04	5.26e-03	0.0	0.0
12	18.866	0.053	0.091	33.97	1.11e-02	40.26	1.32e-02	990.05	0.3	0.0	0.0
13	20.857	0.048	0.087	1684.02	0.5	786.81	0.3	6344.26	2.1	0.0	0.0
14	21.114	0.047	0.087	1.575e+04	5.1	467.65	0.2	141.74	4.65e-02	0.0	0.0
15	21.866	0.046	0.086	813.07	0.3	1216.18	0.4	7665.09	2.5	0.0	0.0
16	22.686	0.044	0.085	162.57	5.30e-02	1667.86	0.5	5695.55	1.9	0.0	0.0
17	24.299	0.041	0.083	2190.35	0.7	406.56	0.1	3.554e+04	11.7	0.0	0.0
18	25.138	0.040	0.082	48.53	1.58e-02	1.242e+04	4.1	10.11	3.32e-03	0.0	0.0
19	25.812	0.039	0.081	526.77	0.2	3.373e+04	11.1	6.65	2.18e-03	0.0	0.0
20	26.939	0.037	0.080	4199.81	1.4	2708.52	0.9	776.18	0.3	0.0	0.0
21	27.907	0.036	0.079	1440.27	0.5	132.39	4.34e-02	8480.83	2.8	0.0	0.0
22	28.403	0.035	0.079	223.87	7.29e-02	205.75	6.75e-02	1.51	4.97e-04	0.0	0.0
23	28.470	0.035	0.079	38.39	1.25e-02	352.99	0.1	1139.98	0.4	0.0	0.0
24	29.620	0.034	0.078	5547.29	1.8	1.318e+04	4.3	0.80	2.61e-04	0.0	0.0
25	29.941	0.033	0.077	467.73	0.2	1623.21	0.5	2833.70	0.9	0.0	0.0
26	30.197	0.033	0.077	165.26	5.38e-02	3313.46	1.1	1107.53	0.4	0.0	0.0
27	30.331	0.033	0.077	30.74	1.00e-02	1.083e+04	3.6	68.07	2.23e-02	0.0	0.0
28	32.280	0.031	0.076	90.77	2.96e-02	69.60	2.28e-02	343.85	0.1	0.0	0.0
29	32.312	0.031	0.076	2022.15	0.7	288.95	9.48e-02	46.94	1.54e-02	0.0	0.0
30	33.550	0.030	0.075	22.99	7.49e-03	12.43	4.08e-03	89.24	2.93e-02	0.0	0.0
31	34.278	0.029	0.074	1467.23	0.5	1709.06	0.6	75.03	2.46e-02	0.0	0.0
32	34.743	0.029	0.074	1301.75	0.4	0.20	6.66e-05	14.33	4.70e-03	0.0	0.0
33	35.789	0.028	0.074	120.16	3.91e-02	15.71	5.16e-03	35.38	1.16e-02	0.0	0.0
34	36.867	0.027	0.073	321.04	0.1	286.90	9.42e-02	50.56	1.66e-02	0.0	0.0
35	38.076	0.026	0.072	117.80	3.84e-02	1126.58	0.4	815.42	0.3	0.0	0.0
36	38.622	0.026	0.072	11.05	3.60e-03	227.01	7.45e-02	2969.05	1.0	0.0	0.0
37	39.431	0.025	0.072	14.40	4.69e-03	906.44	0.3	93.06	3.05e-02	0.0	0.0
38	39.553	0.025	0.072	1071.16	0.3	14.57	4.78e-03	92.92	3.05e-02	0.0	0.0
39	41.257	0.024	0.071	1069.57	0.3	207.39	6.81e-02	2008.35	0.7	0.0	0.0
40	42.383	0.024	0.071	1294.10	0.4	688.78	0.2	13.67	4.49e-03	0.0	0.0
41	43.082	0.023	0.070	96.86	3.16e-02	173.36	5.69e-02	7.09	2.33e-03	0.0	0.0
42	43.911	0.023	0.070	19.76	6.44e-03	1296.77	0.4	42.39	1.39e-02	0.0	0.0
43	44.815	0.022	0.070	0.50	1.62e-04	5.17	1.70e-03	1398.94	0.5	0.0	0.0
44	45.807	0.022	0.069	44.11	1.44e-02	87.05	2.86e-02	50.26	1.65e-02	0.0	0.0
45	46.212	0.022	0.069	59.84	1.95e-02	1.55	5.10e-04	881.95	0.3	0.0	0.0
46	46.467	0.022	0.069	4.39	1.43e-03	10.51	3.45e-03	33.93	1.11e-02	0.0	0.0
47	46.923	0.021	0.069	2.38	7.74e-04	46.54	1.53e-02	1046.00	0.3	0.0	0.0
48	47.837	0.021	0.069	3.66	1.19e-03	4067.96	1.3	460.43	0.2	0.0	0.0
49	47.996	0.021	0.069	40.90	1.33e-02	720.27	0.2	4889.48	1.6	0.0	0.0
50	48.352	0.021	0.069	19.51	6.35e-03	905.13	0.3	132.55	4.35e-02	0.0	0.0
51	48.565	0.021	0.069	79.82	2.60e-02	401.12	0.1	15.62	5.13e-03	0.0	0.0
52	49.872	0.020	0.068	6.14	2.00e-03	457.83	0.2	966.81	0.3	0.0	0.0
53	50.357	0.020	0.068	226.88	7.39e-02	249.17	8.18e-02	1680.36	0.6	0.0	0.0
54	50.978	0.020	0.068	44.59	1.45e-02	3406.11	1.1	2570.02	0.8	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
55	51.665	0.019	0.068	17.92	5.84e-03	238.55	7.83e-02	2663.21	0.9	0.0	0.0
56	52.400	0.019	0.067	0.13	4.37e-05	0.36	1.17e-04	1554.32	0.5	0.0	0.0
57	52.960	0.019	0.067	0.10	3.35e-05	372.35	0.1	40.59	1.33e-02	0.0	0.0
58	53.567	0.019	0.067	85.62	2.79e-02	28.84	9.46e-03	67.08	2.20e-02	0.0	0.0
59	53.735	0.019	0.067	518.84	0.2	42.37	1.39e-02	45.09	1.48e-02	0.0	0.0
60	54.018	0.019	0.067	285.82	9.31e-02	158.60	5.20e-02	1931.85	0.6	0.0	0.0
61	54.462	0.018	0.067	2.68	8.74e-04	80.24	2.63e-02	9.95	3.27e-03	0.0	0.0
62	54.854	0.018	0.067	81.99	2.67e-02	5.43	1.78e-03	7848.44	2.6	0.0	0.0
63	55.340	0.018	0.067	285.16	9.29e-02	147.37	4.84e-02	36.38	1.19e-02	0.0	0.0
64	55.552	0.018	0.067	84.53	2.75e-02	116.55	3.82e-02	633.70	0.2	0.0	0.0
65	55.917	0.018	0.067	47.58	1.55e-02	65.92	2.16e-02	276.66	9.08e-02	0.0	0.0
66	57.262	0.017	0.066	439.96	0.1	694.42	0.2	1939.46	0.6	0.0	0.0
67	57.370	0.017	0.066	196.42	6.40e-02	0.24	8.04e-05	273.44	8.97e-02	0.0	0.0
68	58.165	0.017	0.066	2.14	6.99e-04	481.96	0.2	2963.48	1.0	0.0	0.0
69	58.948	0.017	0.066	711.56	0.2	306.40	0.1	1.069e+04	3.5	0.0	0.0
70	59.614	0.017	0.066	4.16	1.36e-03	1078.54	0.4	2814.17	0.9	0.0	0.0
71	59.761	0.017	0.066	310.49	0.1	3.63	1.19e-03	554.78	0.2	0.0	0.0
72	60.653	0.016	0.066	542.25	0.2	294.46	9.66e-02	6290.96	2.1	0.0	0.0
73	61.191	0.016	0.066	75.47	2.46e-02	9.36	3.07e-03	658.17	0.2	0.0	0.0
74	61.566	0.016	0.066	0.87	2.83e-04	379.17	0.1	1237.72	0.4	0.0	0.0
75	61.662	0.016	0.066	11.24	3.66e-03	346.35	0.1	0.10	3.21e-05	0.0	0.0
76	62.231	0.016	0.065	313.99	0.1	775.56	0.3	9028.52	3.0	0.0	0.0
77	62.992	0.016	0.065	94.18	3.07e-02	1595.31	0.5	1797.56	0.6	0.0	0.0
78	64.545	0.015	0.065	201.14	6.55e-02	410.27	0.1	205.95	6.76e-02	0.0	0.0
79	65.214	0.015	0.065	2042.06	0.7	1.13	3.71e-04	154.14	5.06e-02	0.0	0.0
80	66.207	0.015	0.065	13.54	4.41e-03	66.24	2.17e-02	1192.82	0.4	0.0	0.0
81	67.367	0.015	0.065	8.46	2.76e-03	188.49	6.19e-02	334.43	0.1	0.0	0.0
82	67.581	0.015	0.065	2.67	8.69e-04	155.92	5.12e-02	62.14	2.04e-02	0.0	0.0
83	68.135	0.015	0.064	3.00	9.79e-04	47.72	1.57e-02	394.31	0.1	0.0	0.0
84	69.145	0.014	0.064	242.02	7.88e-02	36.94	1.21e-02	1.269e+04	4.2	0.0	0.0
85	70.253	0.014	0.064	2265.75	0.7	437.58	0.1	288.89	9.48e-02	0.0	0.0
86	71.002	0.014	0.064	750.70	0.2	2000.73	0.7	8.50	2.79e-03	0.0	0.0
87	72.375	0.014	0.064	155.60	5.07e-02	504.51	0.2	0.61	2.00e-04	0.0	0.0
88	73.286	0.014	0.064	379.20	0.1	15.74	5.17e-03	137.79	4.52e-02	0.0	0.0
89	73.349	0.014	0.064	556.71	0.2	56.02	1.84e-02	205.54	6.75e-02	0.0	0.0
90	74.129	0.013	0.064	298.34	9.72e-02	388.63	0.1	400.61	0.1	0.0	0.0
91	74.558	0.013	0.064	7.30	2.38e-03	297.59	9.77e-02	888.73	0.3	0.0	0.0
92	75.468	0.013	0.063	72.43	2.36e-02	10.68	3.51e-03	10.96	3.60e-03	0.0	0.0
93	75.730	0.013	0.063	1.19	3.86e-04	1261.24	0.4	4985.38	1.6	0.0	0.0
94	76.045	0.013	0.063	293.49	9.56e-02	190.55	6.25e-02	176.06	5.78e-02	0.0	0.0
95	77.815	0.013	0.063	77.97	2.54e-02	63.87	2.10e-02	521.54	0.2	0.0	0.0
96	78.678	0.013	0.063	178.21	5.81e-02	1035.54	0.3	137.45	4.51e-02	0.0	0.0
97	78.751	0.013	0.063	81.34	2.65e-02	19.67	6.45e-03	4139.16	1.4	0.0	0.0
98	79.189	0.013	0.063	0.52	1.70e-04	7.30	2.39e-03	4597.58	1.5	0.0	0.0
99	79.873	0.013	0.063	35.99	1.17e-02	1227.78	0.4	1217.97	0.4	0.0	0.0
100	80.612	0.012	0.063	0.97	3.17e-04	33.87	1.11e-02	790.96	0.3	0.0	0.0
Risulta				2.915e+05		2.759e+05		2.180e+05			
In percentuale				94.97		90.55		71.56			

CDC	Tipo	Sigla Id	Note
17	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.140 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.067 s
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	0.29	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	1.06	0.0	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	1.08	0.0	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	1.09	0.0	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.68	195.64	11.69	14.24	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	0.65	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	0.42	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	0.08	0.0	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	1.12	0.0	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	0.63	0.0	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	1.14	0.0	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	0.04	0.0	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	0.15	0.0	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	0.38	0.0	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	0.70	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.17	106.45	14.29	2.74	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	0.41	0.0	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	0.88	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	0.73	0.0	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	0.75	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	0.36	0.0	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	0.33	0.0	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	1.18	0.0	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	1.15	0.0	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	1.05	0.0	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	2.40e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	2.65e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	2.44e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	1.20	0.0	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	0.43	0.0	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	2.50e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	0.74	0.0	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	4.96e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	0.14	0.0	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	2.37e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.06	441.41	16.40	1.08	1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	0.44	0.0	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	2.51e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	0.32	0.0	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	0.82	0.0	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	2.02e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	0.49	0.0	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	0.46	0.0	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	0.48	0.0	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	7.20e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	1.11	0.0	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	0.53	0.0	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	0.80	0.0	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	0.73	0.0	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.96	188.76	12.47	-0.35	0.58	0.0	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	0.04	0.0	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	0.23	0.0	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	1.04	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	0.49	0.0	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	0.31	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	0.52	0.0	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	1.09	0.0	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	0.38	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	0.40	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	110.13	14.96	8.74	0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.64	237.10	9.21	3.11	1.06	0.0	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	1.03	0.0	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	1.08	0.0	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	0.66	0.0	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	0.72	0.0	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	1.04	0.0	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	1.05	0.0	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	0.71	0.0	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	1.09	0.0	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	1.03	0.0	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.33	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	1.06	0.0	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	0.72	0.0	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	1.04	0.0	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.79	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.49	194.43	9.76	19.12	0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.140	69.15	2.27e-02	123.80	4.06e-02	5688.97	1.9	0.0	0.0
2	8.839	0.113	0.132	751.24	0.2	0.11	3.69e-05	7.13	2.34e-03	0.0	0.0
3	9.417	0.106	0.127	2.065e+05	67.8	1213.58	0.4	240.64	7.90e-02	0.0	0.0
4	9.578	0.104	0.126	8154.72	2.7	269.00	8.82e-02	4946.51	1.6	0.0	0.0
5	10.776	0.093	0.118	203.93	6.69e-02	12.45	4.08e-03	7042.17	2.3	0.0	0.0
6	11.522	0.087	0.114	6186.42	2.0	4427.49	1.5	260.51	8.55e-02	0.0	0.0
7	12.258	0.082	0.110	292.97	9.61e-02	2941.89	1.0	8454.56	2.8	0.0	0.0
8	13.473	0.074	0.105	425.62	0.1	5285.43	1.7	3347.75	1.1	0.0	0.0
9	14.919	0.067	0.100	9156.91	3.0	1.342e+05	44.0	1706.83	0.6	0.0	0.0
10	16.188	0.062	0.097	351.18	0.1	3156.41	1.0	7906.77	2.6	0.0	0.0
11	17.602	0.057	0.093	5.39e-03	1.77e-06	50.42	1.65e-02	17.24	5.66e-03	0.0	0.0
12	18.866	0.053	0.091	35.92	1.18e-02	35.92	1.18e-02	982.46	0.3	0.0	0.0
13	20.300	0.049	0.088	1.872e+04	6.1	3549.98	1.2	15.58	5.11e-03	0.0	0.0
14	20.898	0.048	0.087	65.25	2.14e-02	608.66	0.2	6389.36	2.1	0.0	0.0
15	21.864	0.046	0.086	2049.76	0.7	2411.32	0.8	7955.40	2.6	0.0	0.0
16	22.548	0.044	0.085	1047.78	0.3	7317.05	2.4	3506.34	1.2	0.0	0.0
17	23.793	0.042	0.083	168.59	5.53e-02	2.253e+04	7.4	7974.67	2.6	0.0	0.0
18	24.458	0.041	0.082	1933.94	0.6	342.18	0.1	2.995e+04	9.8	0.0	0.0
19	25.729	0.039	0.081	250.89	8.23e-02	2.537e+04	8.3	1032.70	0.3	0.0	0.0
20	26.149	0.038	0.081	2488.84	0.8	938.04	0.3	767.13	0.3	0.0	0.0
21	27.861	0.036	0.079	381.04	0.1	0.56	1.84e-04	6092.79	2.0	0.0	0.0
22	28.469	0.035	0.079	94.64	3.11e-02	251.23	8.23e-02	991.62	0.3	0.0	0.0
23	29.188	0.034	0.078	7549.71	2.5	2.320e+04	7.6	523.44	0.2	0.0	0.0
24	29.353	0.034	0.078	673.89	0.2	610.85	0.2	62.02	2.04e-02	0.0	0.0
25	29.713	0.034	0.078	194.25	6.37e-02	3161.32	1.0	1285.05	0.4	0.0	0.0
26	29.915	0.033	0.077	31.66	1.04e-02	562.29	0.2	2568.34	0.8	0.0	0.0
27	30.234	0.033	0.077	49.24	1.62e-02	77.00	2.52e-02	561.21	0.2	0.0	0.0
28	32.240	0.031	0.076	1782.21	0.6	468.10	0.2	8.89	2.92e-03	0.0	0.0
29	32.305	0.031	0.076	838.22	0.3	356.82	0.1	413.81	0.1	0.0	0.0
30	33.550	0.030	0.075	21.41	7.03e-03	7.42	2.43e-03	84.11	2.76e-02	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
31	34.563	0.029	0.074	7.33	2.41e-03	721.00	0.2	35.54	1.17e-02	0.0	0.0
32	35.017	0.029	0.074	1865.06	0.6	383.11	0.1	64.87	2.13e-02	0.0	0.0
33	36.653	0.027	0.073	103.56	3.40e-02	50.72	1.66e-02	361.61	0.1	0.0	0.0
34	37.661	0.027	0.073	930.77	0.3	1576.95	0.5	127.51	4.18e-02	0.0	0.0
35	38.359	0.026	0.072	72.70	2.39e-02	1102.67	0.4	2663.80	0.9	0.0	0.0
36	38.865	0.026	0.072	0.24	7.93e-05	620.26	0.2	262.94	8.63e-02	0.0	0.0
37	40.017	0.025	0.072	1171.07	0.4	186.74	6.12e-02	154.94	5.08e-02	0.0	0.0
38	40.834	0.024	0.071	939.81	0.3	761.88	0.2	2079.02	0.7	0.0	0.0
39	41.297	0.024	0.071	169.96	5.58e-02	119.05	3.90e-02	320.27	0.1	0.0	0.0
40	42.763	0.023	0.070	10.58	3.47e-03	734.51	0.2	91.41	3.00e-02	0.0	0.0
41	43.214	0.023	0.070	1451.48	0.5	503.55	0.2	263.69	8.65e-02	0.0	0.0
42	43.875	0.023	0.070	85.99	2.82e-02	883.11	0.3	6.17	2.02e-03	0.0	0.0
43	44.789	0.022	0.070	3.87	1.27e-03	1.31	4.30e-04	1059.85	0.3	0.0	0.0
44	45.595	0.022	0.069	40.52	1.33e-02	0.98	3.23e-04	1235.77	0.4	0.0	0.0
45	46.129	0.022	0.069	4.95	1.62e-03	0.27	8.94e-05	404.75	0.1	0.0	0.0
46	46.941	0.021	0.069	39.31	1.29e-02	117.19	3.84e-02	1001.65	0.3	0.0	0.0
47	47.105	0.021	0.069	150.69	4.95e-02	248.53	8.15e-02	15.64	5.13e-03	0.0	0.0
48	47.630	0.021	0.069	90.28	2.96e-02	5.63	1.84e-03	86.60	2.84e-02	0.0	0.0
49	48.024	0.021	0.069	0.39	1.27e-04	3226.78	1.1	653.52	0.2	0.0	0.0
50	48.135	0.021	0.069	0.11	3.47e-05	52.25	1.71e-02	4499.32	1.5	0.0	0.0
51	48.533	0.021	0.069	97.98	3.22e-02	64.31	2.11e-02	353.99	0.1	0.0	0.0
52	49.289	0.020	0.068	49.54	1.63e-02	56.03	1.84e-02	348.79	0.1	0.0	0.0
53	50.392	0.020	0.068	46.22	1.52e-02	5345.51	1.8	668.72	0.2	0.0	0.0
54	51.457	0.019	0.068	175.23	5.75e-02	266.64	8.74e-02	547.36	0.2	0.0	0.0
55	51.741	0.019	0.068	20.08	6.59e-03	1.11	3.64e-04	5732.46	1.9	0.0	0.0
56	52.423	0.019	0.067	0.99	3.25e-04	8.19	2.68e-03	1463.47	0.5	0.0	0.0
57	53.083	0.019	0.067	0.09	2.98e-05	293.18	9.61e-02	166.80	5.47e-02	0.0	0.0
58	53.784	0.019	0.067	78.60	2.58e-02	331.24	0.1	16.19	5.31e-03	0.0	0.0
59	54.057	0.018	0.067	218.41	7.17e-02	50.68	1.66e-02	259.95	8.53e-02	0.0	0.0
60	54.657	0.018	0.067	532.37	0.2	217.43	7.13e-02	2634.81	0.9	0.0	0.0
61	54.909	0.018	0.067	5.72e-04	0.0	11.57	3.79e-03	4700.35	1.5	0.0	0.0
62	55.256	0.018	0.067	110.05	3.61e-02	12.08	3.96e-03	2473.05	0.8	0.0	0.0
63	55.807	0.018	0.067	79.03	2.59e-02	77.22	2.53e-02	445.28	0.1	0.0	0.0
64	55.896	0.018	0.067	239.50	7.86e-02	476.17	0.2	336.30	0.1	0.0	0.0
65	56.466	0.018	0.067	18.48	6.07e-03	14.13	4.63e-03	374.63	0.1	0.0	0.0
66	57.520	0.017	0.066	202.17	6.63e-02	614.07	0.2	3262.97	1.1	0.0	0.0
67	57.958	0.017	0.066	7.86	2.58e-03	116.37	3.81e-02	1038.21	0.3	0.0	0.0
68	58.516	0.017	0.066	949.17	0.3	85.36	2.80e-02	67.12	2.20e-02	0.0	0.0
69	58.819	0.017	0.066	155.46	5.10e-02	297.62	9.76e-02	25.44	8.35e-03	0.0	0.0
70	59.725	0.017	0.066	661.58	0.2	19.10	6.26e-03	190.23	6.24e-02	0.0	0.0
71	59.990	0.017	0.066	4.50	1.48e-03	83.59	2.74e-02	2.033e+04	6.7	0.0	0.0
72	61.130	0.016	0.066	19.38	6.36e-03	170.14	5.58e-02	244.88	8.04e-02	0.0	0.0
73	61.445	0.016	0.066	198.90	6.53e-02	968.93	0.3	125.14	4.11e-02	0.0	0.0
74	61.667	0.016	0.066	44.18	1.45e-02	65.39	2.14e-02	524.77	0.2	0.0	0.0
75	62.207	0.016	0.065	88.34	2.90e-02	532.61	0.2	9439.47	3.1	0.0	0.0
76	62.873	0.016	0.065	68.07	2.23e-02	391.67	0.1	438.27	0.1	0.0	0.0
77	63.386	0.016	0.065	91.12	2.99e-02	2268.15	0.7	254.80	8.36e-02	0.0	0.0
78	63.932	0.016	0.065	687.59	0.2	703.46	0.2	3134.17	1.0	0.0	0.0
79	65.165	0.015	0.065	0.55	1.80e-04	68.51	2.25e-02	1674.34	0.5	0.0	0.0
80	65.890	0.015	0.065	1382.31	0.5	131.14	4.30e-02	48.48	1.59e-02	0.0	0.0
81	66.802	0.015	0.065	560.20	0.2	494.09	0.2	2777.92	0.9	0.0	0.0
82	67.111	0.015	0.065	3.18	1.04e-03	145.18	4.76e-02	478.85	0.2	0.0	0.0
83	67.576	0.015	0.065	27.47	9.02e-03	100.90	3.31e-02	2686.49	0.9	0.0	0.0
84	67.645	0.015	0.065	92.69	3.04e-02	143.60	4.71e-02	1979.52	0.6	0.0	0.0
85	69.424	0.014	0.064	0.78	2.56e-04	0.73	2.39e-04	27.65	9.07e-03	0.0	0.0
86	70.565	0.014	0.064	1414.99	0.5	272.06	8.92e-02	710.41	0.2	0.0	0.0
87	71.357	0.014	0.064	209.75	6.88e-02	420.07	0.1	474.42	0.2	0.0	0.0
88	72.634	0.014	0.064	782.41	0.3	10.73	3.52e-03	3153.63	1.0	0.0	0.0
89	73.322	0.014	0.064	3.67	1.20e-03	81.15	2.66e-02	428.78	0.1	0.0	0.0
90	73.628	0.014	0.064	160.06	5.25e-02	872.26	0.3	1817.68	0.6	0.0	0.0
91	73.838	0.014	0.064	227.46	7.46e-02	2094.29	0.7	3837.55	1.3	0.0	0.0
92	74.245	0.013	0.064	455.69	0.1	571.64	0.2	561.74	0.2	0.0	0.0
93	75.121	0.013	0.064	1006.43	0.3	3.36	1.10e-03	407.38	0.1	0.0	0.0
94	75.680	0.013	0.063	51.17	1.68e-02	53.58	1.76e-02	15.13	4.97e-03	0.0	0.0
95	77.800	0.013	0.063	0.79	2.58e-04	10.05	3.29e-03	1549.23	0.5	0.0	0.0
96	77.959	0.013	0.063	104.96	3.44e-02	12.54	4.11e-03	67.03	2.20e-02	0.0	0.0
97	79.050	0.013	0.063	2.01	6.61e-04	0.77	2.51e-04	6189.82	2.0	0.0	0.0
98	79.444	0.013	0.063	121.58	3.99e-02	352.20	0.1	2989.75	1.0	0.0	0.0
99	80.390	0.012	0.063	7.72	2.53e-03	1143.01	0.4	843.51	0.3	0.0	0.0
100	80.607	0.012	0.063	21.04	6.91e-03	1157.97	0.4	1.85	6.06e-04	0.0	0.0
Risulta				2.891e+05		2.764e+05		2.185e+05			
In percentuale				94.87		90.62		71.71			

CDC	Tipo	Sigla Id	Note
18	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.140 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.067 s
			numero di modi considerati:100
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	m	m	m	m	m	m			
4.10	1.517e+04	9.84	17.93	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.05	129.47	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.03	111.53	10.07	18.34	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
4.00	5.426e+04	8.72	7.32	-1.06	0.0	8.87	7.30	0.288	0.045	0.006
4.00	405.94	6.94	15.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.98	34.82	19.16	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	33.91	19.41	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.96	196.63	14.04	13.87	-0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.96	276.68	-1.56	6.95	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.95	339.56	6.38	7.18	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.45	19.65	8.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.94	32.10	19.22	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	39.22	19.15	8.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.93	104.65	19.04	8.55	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.92	32.10	19.47	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	85.51	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.92	34.95	19.39	8.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.91	278.58	-1.54	7.23	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.71	8.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	32.10	19.29	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.90	371.15	7.63	7.28	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.89	105.63	10.00	19.13	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.89	14.78	19.89	8.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.89	16.05	19.96	8.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	32.10	19.53	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	34.64	19.14	8.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.88	82.84	19.10	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.87	280.48	-1.52	7.50	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.87	33.32	19.38	8.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.78	7.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	32.10	19.35	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.86	30.72	19.63	8.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.85	393.91	8.37	7.37	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.85	16.05	20.02	8.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	32.10	19.60	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	80.30	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.84	34.88	19.13	9.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.83	282.38	-1.50	7.77	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.83	32.30	19.38	9.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.84	7.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	32.10	19.41	7.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.82	102.68	9.96	19.53	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.82	29.57	19.63	9.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	14.05	19.87	9.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.81	16.05	20.09	7.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	32.10	19.66	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.80	1.950e+04	7.03	12.34	-1.08	0.0	9.33	12.43	0.011	0.703	0.186
3.79	37.48	19.12	9.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.79	284.29	-1.48	8.04	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.79	32.73	19.37	9.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.90	7.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.78	32.10	19.48	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.78	29.53	19.62	9.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.77	102.21	19.00	9.45	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.77	16.05	20.15	7.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	32.10	19.72	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.76	102.61	13.87	8.27	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.75	430.06	7.35	10.01	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.75	35.17	19.11	9.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	318.29	0.70	8.21	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.74	33.99	19.36	9.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	32.10	19.54	6.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	29.42	19.62	9.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.74	13.56	19.85	9.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.73	16.05	20.21	7.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	32.10	19.78	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.72	100.68	13.67	8.27	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
3.70	32.10	20.03	7.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	349.00	2.23	8.51	-1.09	0.0	0.0	0.0	0.0	0.0	0.0
3.70	384.35	8.46	7.41	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.70	38.10	19.11	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.70	35.69	19.36	9.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.69	16.05	20.28	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	32.10	19.85	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.68	195.64	11.69	14.24	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	55.63	19.89	8.23	-0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.66	12.01	19.84	10.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	32.10	19.66	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.66	290.00	-1.42	8.85	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.65	322.91	6.57	6.92	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.65	89.95	12.67	14.00	-0.61	0.0	0.0	0.0	0.0	0.0	0.0
3.65	41.97	19.38	10.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.65	16.05	20.34	6.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	32.10	19.91	6.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.64	96.94	13.24	8.31	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.63	24.14	19.62	10.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	100.34	18.95	10.35	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	20.16	6.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	32.10	19.73	6.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.62	291.90	-1.40	9.12	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.61	93.82	9.84	20.73	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.60	16.05	20.40	6.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	32.10	19.97	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	480.93	6.89	7.17	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.60	38.42	19.09	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.60	36.83	19.34	10.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	29.79	19.58	10.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.59	165.52	9.73	17.29	-0.65	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	20.22	6.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.58	32.10	19.79	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.57	293.80	-1.38	9.39	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.57	16.05	20.46	6.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	32.10	20.04	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.56	1426.43	7.32	15.48	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.55	29.07	19.57	10.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.55	376.10	8.58	7.47	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.55	76.62	19.20	10.81	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	20.28	6.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	32.10	19.85	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.54	90.87	9.80	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.53	295.70	-1.36	9.67	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.53	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.52	16.05	20.53	6.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	32.10	20.10	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.52	91.39	12.52	8.53	-1.02	0.0	0.0	0.0	0.0	0.0	0.0
3.51	23.15	19.58	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	12.17	19.80	11.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.51	114.90	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	20.35	5.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	32.10	19.92	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	369.92	8.52	7.03	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.50	44.10	19.09	11.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.50	41.63	19.35	11.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.49	297.61	-1.33	9.94	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.49	16.05	20.59	6.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.48	32.10	20.16	5.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.48	113.71	13.81	9.19	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.48	100.15	18.91	11.25	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.47	26.38	-0.95	12.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.47	87.92	9.75	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.46	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	20.41	5.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.46	32.10	19.98	5.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	50.29	-0.93	12.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	313.98	6.81	6.84	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	39.28	19.05	11.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.45	336.61	0.96	10.34	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.45	16.05	20.65	5.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	32.10	20.23	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	87.65	11.97	8.78	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
3.44	31.65	19.54	11.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.44	14.34	19.78	11.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	47.01	-0.91	12.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.43	118.42	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.47	5.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	32.10	20.04	5.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.42	467.89	4.35	10.77	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
3.41	43.73	-0.88	13.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.41	16.05	20.72	5.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.40	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
3.40	333.51	0.78	9.96	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	1.585e+04	6.38	18.51	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.40	64.65	19.38	11.73	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.39	39.73	19.05	11.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.39	40.45	-0.86	13.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.53	5.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.38	32.10	20.11	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	37.17	-0.84	13.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.37	16.05	20.78	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.36	46.11	20.17	7.04	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.36	468.37	6.01	9.21	-1.10	0.0	0.0	0.0	0.0	0.0	0.0
3.36	25.57	19.50	11.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	33.89	-0.82	14.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.35	306.14	6.80	6.78	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.35	34.81	19.31	12.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.34	77.48	19.70	9.13	-0.08	0.0	0.0	0.0	0.0	0.0	0.0
3.34	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.34	32.10	20.17	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	30.60	-0.79	14.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	109.00	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	16.06	19.58	12.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.33	114.85	19.14	11.17	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.32	32.10	20.41	4.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	46.37	19.99	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.32	305.22	-1.25	11.02	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.31	27.32	-0.77	14.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.66	4.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	32.10	20.23	4.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.30	308.92	7.06	6.87	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
3.30	49.30	19.45	12.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	47.60	19.10	12.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	24.04	-0.75	15.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	113.60	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.57	19.75	12.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.29	16.05	20.91	4.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	32.10	20.48	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.28	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.28	43.83	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.27	307.12	-1.23	11.29	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.27	10.79	-0.72	15.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.72	4.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.26	32.10	20.30	4.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.25	1.834e+04	14.13	12.36	-1.12	0.0	15.62	12.47	1.5162e-04	2.202	3.079
3.25	16.05	20.97	4.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	32.10	20.54	4.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.24	147.21	4.55	4.21	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.23	309.03	-1.21	11.56	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
3.22	32.10	20.79	4.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.22	32.10	20.36	3.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.22	295.12	13.39	15.03	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
3.21	251.56	19.25	12.43	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.20	32.10	20.60	4.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	4.903e+04	11.00	2.07	-1.14	0.0	13.62	1.04	0.757	0.453	0.178
3.20	12.51	-0.07	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	36.74	-1.65	2.09	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.20	-0.52	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	13.95	-0.75	2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	14.27	-0.97	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	40.33	-1.67	2.08	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
3.20	16.38	-1.43	2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.20	19.94	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.19	639.82	9.85	7.46	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.19	201.35	14.44	2.98	-0.15	0.0	0.0	0.0	0.0	0.0	0.0
3.19	94.59	15.14	3.00	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.18	93.26	15.95	3.29	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
3.18	60.24	14.33	2.92	-0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.18	32.95	20.42	3.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	330.07	20.39	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	69.25	12.68	2.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.18	324.48	9.98	2.51	-0.70	0.0	0.0	0.0	0.0	0.0	0.0
3.17	106.45	14.29	2.74	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.17	33.86	20.53	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	36.39	14.85	2.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	424.48	18.33	2.80	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
3.17	27.73	-0.94	1.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	29.42	-0.51	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	48.26	13.02	2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.17	51.55	1.71	2.00	-0.41	0.0	0.0	0.0	0.0	0.0	0.0
3.17	96.50	13.48	2.56	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
3.16	135.16	0.99	2.08	-1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.16	161.92	6.07	2.19	-0.88	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.41	20.67	3.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	33.43	20.64	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	750.82	16.63	5.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0
3.16	40.06	13.93	2.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.33	14.26	2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.16	41.67	14.56	2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	90.40	15.15	2.49	-0.03	0.0	0.0	0.0	0.0	0.0	0.0
3.15	58.52	11.04	2.28	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.15	34.51	20.78	3.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	102.38	15.29	2.50	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
3.15	804.46	14.78	2.99	-1.11	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.01	-0.09	1.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.15	1.182e+04	2.34	12.28	-0.75	0.0	0.0	0.0	0.0	0.0	0.0
3.15	25.63	13.38	2.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	59.20	17.72	3.15	-0.36	0.0	0.0	0.0	0.0	0.0	0.0
3.14	22.12	13.97	2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	33.02	20.89	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	54.48	18.32	2.55	-0.33	0.0	0.0	0.0	0.0	0.0	0.0
3.14	388.21	17.77	2.14	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.14	21.01	14.57	2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	20.90	14.87	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	50.41	-0.43	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.14	18.05	15.17	2.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	171.57	4.07	2.00	-1.18	0.0	0.0	0.0	0.0	0.0	0.0
3.13	123.07	4.12	1.92	-1.17	0.0	0.0	0.0	0.0	0.0	0.0
3.13	79.93	7.62	1.93	-1.15	0.0	0.0	0.0	0.0	0.0	0.0
3.13	334.40	20.92	2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	28.07	13.09	1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	62.89	12.74	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.13	32.60	-0.14	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	280.67	12.15	1.91	-1.05	0.0	0.0	0.0	0.0	0.0	0.0
3.12	32.94	21.13	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.12	67.12	21.08	2.61	-2.40e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.12	634.15	12.74	2.59	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
3.12	249.32	19.26	13.07	-0.13	0.0	0.0	0.0	0.0	0.0	0.0
3.11	32.85	21.24	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.11	67.73	21.19	2.39	-2.65e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.11	362.36	20.57	1.56	-0.40	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.11	50.08	12.77	1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.42	21.37	3.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	33.08	21.34	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.10	68.15	21.29	2.17	-2.44e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.10	913.56	11.23	1.33	-1.20	0.0	0.0	0.0	0.0	0.0	0.0
3.10	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
3.10	16.38	21.48	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	32.88	21.46	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.09	142.31	16.98	1.60	-0.43	0.0	0.0	0.0	0.0	0.0	0.0
3.09	338.40	21.35	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	16.41	21.59	3.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	32.89	21.57	2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.08	67.24	21.51	1.73	-2.50e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.08	632.92	16.70	1.86	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.08	416.75	11.45	7.27	-0.74	0.0	0.0	0.0	0.0	0.0	0.0
3.07	83.42	12.88	0.97	-0.02	0.0	0.0	0.0	0.0	0.0	0.0
3.07	99.82	21.63	1.78	-4.96e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.07	571.96	20.57	6.11	-0.14	0.0	0.0	0.0	0.0	0.0	0.0
3.07	30.86	5.62	1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	15.86	21.80	2.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	66.82	21.76	1.83	-2.37e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.06	33.70	21.70	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.06	441.41	16.40	1.08	-1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.06	43.38	16.23	1.30	-0.44	0.0	0.0	0.0	0.0	0.0	0.0
3.05	58.82	12.77	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	67.56	21.86	1.61	-2.51e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.05	33.73	21.80	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.05	755.43	13.92	0.47	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
3.04	15.83	22.01	2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	33.40	21.99	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.83	21.96	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	34.19	21.92	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.04	6638.52	7.34	11.38	-1.16	0.0	0.0	0.0	0.0	0.0	0.0
3.04	199.66	10.16	18.74	-0.32	0.0	0.0	0.0	0.0	0.0	0.0
3.04	16.01	22.12	2.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	51.11	12.78	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.03	100.70	16.84	1.08	-0.82	0.0	0.0	0.0	0.0	0.0	0.0
3.03	372.06	22.00	-0.16	-2.02e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.02	515.84	15.76	6.57	-0.49	0.0	0.0	0.0	0.0	0.0	0.0
3.02	269.92	12.93	13.91	-0.77	0.0	0.0	0.0	0.0	0.0	0.0
3.02	334.18	22.10	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	69.33	17.44	0.08	-0.46	0.0	0.0	0.0	0.0	0.0	0.0
3.02	19.22	13.15	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	36.60	12.93	-0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.02	39.55	16.61	0.62	-0.48	0.0	0.0	0.0	0.0	0.0	0.0
3.01	33.88	22.31	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	29.78	22.24	-0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.84	22.29	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.01	438.96	21.64	0.66	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
3.01	34.63	12.70	-0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	39.20	22.36	0.36	-7.20e-03	0.0	0.0	0.0	0.0	0.0	0.0
3.00	34.70	22.41	0.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	5043.32	9.42	0.15	-1.11	0.0	11.95	-0.17	1.624	0.288	0.036
3.00	31.62	22.43	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.00	16.33	22.55	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	35.90	22.51	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.08	22.43	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	184.08	12.99	-0.30	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.99	25.97	22.51	-0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.99	13.55	22.51	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	17.12	22.65	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	207.23	13.90	-0.22	-0.53	0.0	0.0	0.0	0.0	0.0	0.0
2.98	21.14	22.60	-0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	228.67	19.10	14.86	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.98	18.83	13.16	-0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.98	274.34	11.88	6.66	-0.80	0.0	0.0	0.0	0.0	0.0	0.0
2.97	45.06	22.71	-0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	12.12	22.70	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.97	332.77	6.81	11.84	-0.73	0.0	0.0	0.0	0.0	0.0	0.0
2.97	170.48	11.57	-0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	19.54	22.87	0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	37.66	12.70	-0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.96	264.33	3.37	2.38	-0.42	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.96	188.76	12.47	-0.35	-0.58	0.0	0.0	0.0	0.0	0.0	0.0
2.96	21.26	22.98	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.95	950.90	3.27	0.13	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.95	170.29	11.12	-0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	46.89	14.39	-0.51	-0.54	0.0	0.0	0.0	0.0	0.0	0.0
2.94	170.19	10.90	-0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	217.33	19.45	6.16	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
2.94	37.65	12.03	-0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.94	227.30	19.10	15.24	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.10	10.67	-0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	18.83	13.16	-0.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	37.65	11.80	-0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.93	170.01	10.45	-0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.65	12.93	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	161.81	8.07	0.10	-0.23	0.0	0.0	0.0	0.0	0.0	0.0
2.92	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.92	169.92	10.22	-0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.92	37.66	12.71	-0.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	37.65	11.35	-0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	169.83	9.99	-0.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.91	950.90	3.27	-0.20	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	11.12	-0.71	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	169.74	9.77	-0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	12.25	-0.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.90	37.65	10.90	-0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	169.65	9.54	-0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	12.03	-0.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	225.93	19.09	15.62	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
2.89	37.65	10.67	-0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.89	18.83	13.16	-1.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.56	9.32	-0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	11.80	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	385.39	7.31	3.54	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	10.45	-0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	37.65	12.93	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.88	169.47	9.09	-0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.58	-1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	174.44	16.34	1.84	-0.49	0.0	0.0	0.0	0.0	0.0	0.0
2.87	169.39	8.87	-0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	37.65	11.35	-1.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.87	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	10.00	-0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	950.90	3.27	-0.53	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.86	169.30	8.64	-0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.86	37.65	11.13	-1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	9.77	-0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	12.26	-1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	169.22	8.41	-0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	37.65	10.90	-1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.85	299.87	17.00	11.71	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.84	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.84	169.14	8.19	-0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	10.67	-1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	142.98	7.85	-0.49	-0.31	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	9.32	-0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.84	37.65	11.80	-1.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	169.06	7.96	-0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	10.45	-1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	12.94	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	9.09	-0.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	37.65	11.58	-1.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.83	168.98	7.74	-0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.22	-1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.66	12.71	-1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	186.37	15.58	3.57	-0.52	0.0	0.0	0.0	0.0	0.0	0.0
2.82	168.90	7.51	-0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.82	37.65	10.00	-1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	494.27	3.62	-0.89	-0.62	0.0	0.0	0.0	0.0	0.0	0.0
2.81	225.08	9.56	16.44	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	11.13	-1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	168.82	7.28	-0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	9.77	-1.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.81	37.65	12.26	-1.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.42	-0.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	10.90	-1.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	1.166e+04	15.21	15.71	-1.09	0.0	10.74	9.90	3.743	0.521	0.677
2.80	37.65	9.55	-1.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	12.03	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.80	37.65	8.19	-0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.68	-1.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	18.83	13.16	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	9.32	-1.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	11.81	-1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	7.96	-0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	10.45	-1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.79	37.65	12.94	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	9.09	-1.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	11.58	-1.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	7.74	-0.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.65	10.22	-1.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.78	37.66	12.71	-1.93	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.87	-1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	11.35	-1.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	7.51	-0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	10.00	-1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.66	12.49	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	37.65	8.64	-1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.77	112.25	16.17	8.30	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	7.29	-0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	9.77	-1.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	330.29	13.21	13.16	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	8.42	-1.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.76	37.65	10.90	-1.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	664.13	-0.61	13.32	-0.40	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	9.55	-1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	12.03	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	8.19	-1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	37.65	10.68	-1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.75	9.41	13.16	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.32	-1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.81	-1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	7.97	-1.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	10.45	-1.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	18.83	12.94	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	9.10	-1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.74	37.65	11.58	-2.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	7.74	-1.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	10.23	-1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	18.83	12.71	-2.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	8.87	-1.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	37.65	11.36	-2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.73	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.51	-1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	10.00	-1.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	18.83	12.49	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	136.02	1.26	1.90	-0.51	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	11.13	-2.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.72	37.65	7.29	-1.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.77	-1.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.26	-2.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	8.42	-1.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	10.90	-2.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	199.26	9.48	18.64	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.71	37.65	9.55	-1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.71	18.83	12.04	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	8.19	-1.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	10.68	-2.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	37.65	9.32	-1.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.70	18.83	11.81	-2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	7.97	-1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.45	-2.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	9.10	-1.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.69	18.83	11.58	-2.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.69	110.13	14.96	8.74	-0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.69	37.65	10.23	-2.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	8.87	-1.85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	18.83	11.36	-2.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	7.52	-1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.68	37.65	10.00	-2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	8.65	-1.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	18.83	11.13	-2.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	7.29	-1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.67	37.65	9.78	-2.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.42	-1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.91	-2.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	7.06	-1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	508.52	4.76	9.85	-0.55	0.0	0.0	0.0	0.0	0.0	0.0
2.66	37.65	8.19	-1.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	18.83	10.68	-2.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.66	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	9.32	-2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	37.65	7.97	-1.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	18.83	10.45	-2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.65	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	9.10	-2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	237.10	9.21	3.11	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
2.64	18.83	10.23	-2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.64	37.65	8.87	-2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	7.52	-1.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	18.83	10.00	-2.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.63	37.65	8.65	-2.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	7.29	-1.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	18.83	9.78	-2.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.62	37.65	8.42	-2.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	7.07	-1.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.55	-2.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	37.65	8.20	-2.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.61	18.83	9.33	-2.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.60	37.65	7.97	-2.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.60	18.83	9.10	-2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.74	-2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	18.83	8.87	-2.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.59	37.65	7.52	-2.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	18.83	8.65	-2.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.58	37.65	7.29	-2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	8.42	-2.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	18.83	7.07	-2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.57	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	8.20	-2.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.56	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.56	18.83	7.97	-2.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.55	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.55	18.83	7.75	-2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.54	18.83	7.52	-2.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	18.83	7.29	-2.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.53	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	9.41	7.07	-2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.52	203.40	8.96	4.42	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.52	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.49	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.48	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.46	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.45	250.23	10.66	7.25	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
2.44	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.43	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.40	218.48	13.99	6.27	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
2.39	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.38	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.37	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.36	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
2.35	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.34	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.34	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.31	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.30	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
2.28	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
2.27	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.26	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.25	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.24	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.23	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.22	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.21	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.20	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.20	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.17	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.17	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.16	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.15	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.13	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.12	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.10	233.68	10.45	5.86	-1.07	0.0	0.0	0.0	0.0	0.0	0.0
2.08	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.05	250.33	13.16	12.51	-0.66	0.0	0.0	0.0	0.0	0.0	0.0
2.04	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.03	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
2.02	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
2.00	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.00	163.84	12.18	6.28	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.98	293.39	6.07	13.49	-0.72	0.0	0.0	0.0	0.0	0.0	0.0
1.98	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.97	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.96	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.95	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.92	160.08	13.10	5.70	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
1.92	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.91	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.90	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.89	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.88	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.86	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.85	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.84	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.83	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.81	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.80	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.80	210.48	9.14	5.11	-1.05	0.0	0.0	0.0	0.0	0.0	0.0
1.78	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.77	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.76	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.75	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.74	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.72	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.70	183.77	3.67	11.91	-0.71	0.0	0.0	0.0	0.0	0.0	0.0
1.68	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.65	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.64	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.62	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.60	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.60	151.70	5.31	4.28	-1.09	0.0	0.0	0.0	0.0	0.0	0.0
1.58	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.57	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.56	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.56	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.54	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
1.54	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.52	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.51	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.51	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.49	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.48	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.47	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.46	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.45	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.44	217.57	9.28	5.84	-1.03	0.0	0.0	0.0	0.0	0.0	0.0
1.43	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.42	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.41	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.40	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.38	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
1.36	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.35	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.35	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.33	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.32	199.44	9.48	4.07	-1.06	0.0	0.0	0.0	0.0	0.0	0.0
1.30	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.29	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.28	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.26	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.23	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.22	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
1.20	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.20	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
1.19	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.18	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
1.17	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.17	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.15	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.14	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
1.13	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.12	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.11	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.10	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.08	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.07	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.05	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
1.04	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.02	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.02	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.01	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
1.00	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.99	293.39	6.07	13.49	-0.72	0.0	0.0	0.0	0.0	0.0	0.0
0.98	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.97	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.96	160.08	13.10	5.70	-1.04	0.0	0.0	0.0	0.0	0.0	0.0
0.96	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.94	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.94	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.92	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.90	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.90	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.89	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.88	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.87	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.86	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.85	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.84	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.82	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.81	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.80	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.80	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.79	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
0.79	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.78	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.78	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.77	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.76	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.76	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.74	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.73	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.72	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.71	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.70	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.68	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.66	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.64	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.52	51.85	6.88	17.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.51	153.44	8.81	17.88	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	201.42	9.78	18.32	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.50	58.78	18.91	8.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	197.93	9.77	18.72	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.49	115.79	19.04	7.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.49	194.43	9.76	19.12	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
0.48	113.43	19.17	7.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.48	190.93	9.76	19.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.47	111.06	19.29	6.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.47	187.43	9.75	19.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.46	292.63	13.33	15.11	-0.63	0.0	0.0	0.0	0.0	0.0	0.0
0.45	180.43	9.73	20.72	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.45	106.34	19.55	5.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.44	176.93	9.72	21.12	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.44	103.98	19.67	5.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.43	173.44	9.71	21.52	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.43	101.61	19.80	4.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.42	85.41	9.70	21.92	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.42	99.25	19.92	4.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	96.89	20.05	4.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.41	1256.10	15.83	12.48	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
0.40	75.66	18.73	12.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.40	105.05	8.40	5.26	-1.08	0.0	0.0	0.0	0.0	0.0	0.0
0.40	74.60	18.72	13.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	645.30	-0.84	13.74	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
0.39	112.83	-1.37	6.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.39	73.53	18.71	13.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	72.47	18.71	14.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.38	470.87	4.37	10.81	-0.42	0.0	0.0	0.0	0.0	0.0	0.0
0.38	71.41	18.70	14.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	70.35	18.69	14.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	107.04	-1.45	4.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.37	69.29	18.68	15.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	68.22	18.67	15.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	104.15	-1.49	4.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.36	67.16	18.66	16.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.35	134.44	3.45	6.90	-1.01	0.0	0.0	0.0	0.0	0.0	0.0
0.34	98.36	-1.57	3.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.33	95.47	-1.61	2.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.32	46.65	-1.65	2.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.047e+05									

Modo	Frequenza	Periodo	Acc. Spetttrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	7.848	0.127	0.140	68.73	2.26e-02	115.09	3.78e-02	5698.59	1.9	0.0	0.0
2	8.804	0.114	0.132	457.01	0.1	29.16	9.56e-03	0.02	5.56e-06	0.0	0.0
3	9.427	0.106	0.127	2.066e+05	67.8	2483.42	0.8	247.37	8.12e-02	0.0	0.0
4	9.531	0.105	0.127	9225.48	3.0	719.99	0.2	4919.37	1.6	0.0	0.0
5	10.776	0.093	0.118	222.58	7.30e-02	3.42	1.12e-03	7054.81	2.3	0.0	0.0
6	11.546	0.087	0.114	3924.22	1.3	1.424e+04	4.7	385.95	0.1	0.0	0.0
7	12.235	0.082	0.111	717.93	0.2	3080.62	1.0	8316.22	2.7	0.0	0.0
8	13.428	0.074	0.106	876.99	0.3	6766.28	2.2	2795.14	0.9	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spetttrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
9	14.912	0.067	0.100	1.242e+04	4.1	1.254e+05	41.1	2090.20	0.7	0.0	0.0
10	16.183	0.062	0.097	361.21	0.1	2494.56	0.8	7863.00	2.6	0.0	0.0
11	17.578	0.057	0.093	0.80	2.64e-04	77.79	2.55e-02	15.05	4.94e-03	0.0	0.0
12	18.866	0.053	0.091	30.24	9.93e-03	43.70	1.43e-02	1000.40	0.3	0.0	0.0
13	20.472	0.049	0.088	1.616e+04	5.3	1547.07	0.5	140.64	4.62e-02	0.0	0.0
14	20.866	0.048	0.087	289.64	9.51e-02	1533.46	0.5	6804.22	2.2	0.0	0.0
15	21.772	0.046	0.086	1991.00	0.7	6139.93	2.0	8143.63	2.7	0.0	0.0
16	22.404	0.045	0.085	260.72	8.56e-02	9049.10	3.0	1098.05	0.4	0.0	0.0
17	23.558	0.042	0.084	45.84	1.50e-02	1.676e+04	5.5	6202.88	2.0	0.0	0.0
18	24.303	0.041	0.083	2007.12	0.7	0.13	4.17e-05	3.361e+04	11.0	0.0	0.0
19	25.765	0.039	0.081	396.77	0.1	1.867e+04	6.1	134.44	4.41e-02	0.0	0.0
20	26.803	0.037	0.080	2344.81	0.8	1521.46	0.5	168.72	5.54e-02	0.0	0.0
21	27.943	0.036	0.079	475.78	0.2	191.13	6.27e-02	6764.74	2.2	0.0	0.0
22	28.414	0.035	0.079	164.81	5.41e-02	161.63	5.30e-02	925.75	0.3	0.0	0.0
23	29.355	0.034	0.078	50.13	1.65e-02	2.35	7.70e-04	0.51	1.66e-04	0.0	0.0
24	29.560	0.034	0.078	3827.10	1.3	372.05	0.1	2191.86	0.7	0.0	0.0
25	29.902	0.033	0.077	22.97	7.54e-03	469.58	0.2	3312.47	1.1	0.0	0.0
26	30.179	0.033	0.077	303.63	9.96e-02	183.74	6.03e-02	387.34	0.1	0.0	0.0
27	30.479	0.033	0.077	3885.09	1.3	3.010e+04	9.9	31.70	1.04e-02	0.0	0.0
28	32.285	0.031	0.076	1826.14	0.6	172.65	5.66e-02	296.80	9.74e-02	0.0	0.0
29	32.315	0.031	0.076	86.77	2.85e-02	537.22	0.2	172.69	5.67e-02	0.0	0.0
30	33.437	0.030	0.075	2514.01	0.8	330.35	0.1	0.51	1.69e-04	0.0	0.0
31	33.564	0.030	0.075	523.05	0.2	12.93	4.24e-03	107.04	3.51e-02	0.0	0.0
32	34.792	0.029	0.074	1214.45	0.4	171.22	5.62e-02	4.36	1.43e-03	0.0	0.0
33	35.544	0.028	0.074	87.62	2.88e-02	255.30	8.37e-02	4.17	1.37e-03	0.0	0.0
34	37.591	0.027	0.073	99.58	3.27e-02	140.15	4.60e-02	33.96	1.11e-02	0.0	0.0
35	38.512	0.026	0.072	0.87	2.85e-04	1053.02	0.3	3808.74	1.2	0.0	0.0
36	39.870	0.025	0.072	8.53	2.80e-03	1298.58	0.4	41.07	1.35e-02	0.0	0.0
37	40.073	0.025	0.072	1141.28	0.4	154.69	5.07e-02	341.45	0.1	0.0	0.0
38	41.185	0.024	0.071	11.51	3.78e-03	1076.33	0.4	691.76	0.2	0.0	0.0
39	41.351	0.024	0.071	1697.56	0.6	263.84	8.65e-02	1076.79	0.4	0.0	0.0
40	42.155	0.024	0.071	942.43	0.3	1255.05	0.4	9.09	2.98e-03	0.0	0.0
41	44.129	0.023	0.070	59.07	1.94e-02	375.75	0.1	19.98	6.56e-03	0.0	0.0
42	44.570	0.022	0.070	8.08	2.65e-03	1401.95	0.5	50.82	1.67e-02	0.0	0.0
43	44.812	0.022	0.070	0.29	9.68e-05	12.26	4.02e-03	1430.40	0.5	0.0	0.0
44	45.716	0.022	0.069	1.23	4.02e-04	312.35	0.1	2.46	8.06e-04	0.0	0.0
45	46.079	0.022	0.069	153.61	5.04e-02	14.26	4.68e-03	1117.78	0.4	0.0	0.0
46	46.765	0.021	0.069	0.83	2.72e-04	1192.24	0.4	2805.51	0.9	0.0	0.0
47	47.069	0.021	0.069	0.03	8.50e-06	1611.96	0.5	521.20	0.2	0.0	0.0
48	47.563	0.021	0.069	2.93	9.61e-04	455.51	0.1	53.54	1.76e-02	0.0	0.0
49	47.869	0.021	0.069	62.70	2.06e-02	1130.54	0.4	47.98	1.57e-02	0.0	0.0
50	48.010	0.021	0.069	25.07	8.23e-03	6.52	2.14e-03	1559.50	0.5	0.0	0.0
51	48.204	0.021	0.069	84.43	2.77e-02	121.09	3.97e-02	1688.05	0.6	0.0	0.0
52	49.212	0.020	0.068	7.39	2.42e-03	84.96	2.79e-02	153.59	5.04e-02	0.0	0.0
53	50.454	0.020	0.068	120.48	3.95e-02	4035.63	1.3	4011.98	1.3	0.0	0.0
54	51.316	0.019	0.068	98.19	3.22e-02	43.19	1.42e-02	2125.16	0.7	0.0	0.0
55	51.395	0.019	0.068	98.64	3.24e-02	605.91	0.2	1178.46	0.4	0.0	0.0
56	52.378	0.019	0.067	0.97	3.18e-04	0.78	2.57e-04	1440.80	0.5	0.0	0.0
57	52.496	0.019	0.067	21.62	7.10e-03	27.93	9.16e-03	134.16	4.40e-02	0.0	0.0
58	53.581	0.019	0.067	250.19	8.21e-02	83.89	2.75e-02	159.91	5.25e-02	0.0	0.0
59	54.170	0.018	0.067	70.08	2.30e-02	349.66	0.1	2015.34	0.7	0.0	0.0
60	54.492	0.018	0.067	693.46	0.2	9.71	3.18e-03	2718.18	0.9	0.0	0.0
61	54.623	0.018	0.067	60.42	1.98e-02	760.41	0.2	4434.18	1.5	0.0	0.0
62	55.080	0.018	0.067	4.83	1.58e-03	7.73	2.54e-03	516.74	0.2	0.0	0.0
63	55.489	0.018	0.067	93.98	3.08e-02	120.74	3.96e-02	500.27	0.2	0.0	0.0
64	55.968	0.018	0.067	20.90	6.86e-03	33.86	1.11e-02	354.71	0.1	0.0	0.0
65	56.397	0.018	0.067	129.31	4.24e-02	5.79	1.90e-03	22.28	7.31e-03	0.0	0.0
66	56.895	0.018	0.066	221.85	7.28e-02	293.17	9.62e-02	110.15	3.62e-02	0.0	0.0
67	57.853	0.017	0.066	727.81	0.2	20.86	6.84e-03	8086.10	2.7	0.0	0.0
68	57.989	0.017	0.066	513.75	0.2	59.70	1.96e-02	61.95	2.03e-02	0.0	0.0
69	58.745	0.017	0.066	9.10	2.99e-03	2410.04	0.8	6678.65	2.2	0.0	0.0
70	59.357	0.017	0.066	0.10	3.43e-05	291.19	9.55e-02	20.93	6.87e-03	0.0	0.0
71	60.462	0.017	0.066	206.16	6.77e-02	688.66	0.2	1.441e+04	4.7	0.0	0.0
72	61.140	0.016	0.066	177.29	5.82e-02	48.15	1.58e-02	141.17	4.63e-02	0.0	0.0
73	61.261	0.016	0.066	22.86	7.50e-03	315.63	0.1	1052.18	0.3	0.0	0.0
74	61.570	0.016	0.066	5.40	1.77e-03	0.06	1.96e-05	542.58	0.2	0.0	0.0
75	62.341	0.016	0.065	5.98	1.96e-03	52.38	1.72e-02	4827.92	1.6	0.0	0.0
76	62.920	0.016	0.065	468.56	0.2	2047.74	0.7	1724.83	0.6	0.0	0.0
77	63.649	0.016	0.065	80.10	2.63e-02	201.13	6.60e-02	55.36	1.82e-02	0.0	0.0
78	63.794	0.016	0.065	137.25	4.50e-02	132.52	4.35e-02	0.25	8.05e-05	0.0	0.0
79	64.953	0.015	0.065	285.79	9.38e-02	19.54	6.41e-03	1220.87	0.4	0.0	0.0
80	65.632	0.015	0.065	293.84	9.64e-02	1.04	3.42e-04	1890.37	0.6	0.0	0.0
81	65.946	0.015	0.065	2096.32	0.7	1.50	4.91e-04	253.84	8.33e-02	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
82	66.601	0.015	0.065	9.69	3.18e-03	0.52	1.71e-04	13.51	4.44e-03	0.0	0.0
83	67.614	0.015	0.065	18.35	6.02e-03	59.50	1.95e-02	1042.23	0.3	0.0	0.0
84	68.090	0.015	0.064	50.28	1.65e-02	50.23	1.65e-02	180.50	5.92e-02	0.0	0.0
85	69.391	0.014	0.064	471.42	0.2	211.67	6.94e-02	3866.88	1.3	0.0	0.0
86	70.978	0.014	0.064	699.15	0.2	1697.18	0.6	235.21	7.72e-02	0.0	0.0
87	71.955	0.014	0.064	4.70	1.54e-03	179.57	5.89e-02	230.56	7.57e-02	0.0	0.0
88	72.791	0.014	0.064	0.38	1.24e-04	1167.92	0.4	1.192e+04	3.9	0.0	0.0
89	73.036	0.014	0.064	1520.19	0.5	11.33	3.72e-03	262.56	8.62e-02	0.0	0.0
90	73.442	0.014	0.064	440.32	0.1	31.48	1.03e-02	1033.52	0.3	0.0	0.0
91	74.064	0.014	0.064	653.20	0.2	96.20	3.16e-02	7.02	2.30e-03	0.0	0.0
92	75.556	0.013	0.063	45.10	1.48e-02	3.61	1.18e-03	0.71	2.33e-04	0.0	0.0
93	76.132	0.013	0.063	598.63	0.2	442.57	0.1	85.81	2.82e-02	0.0	0.0
94	76.383	0.013	0.063	27.55	9.04e-03	2723.52	0.9	45.33	1.49e-02	0.0	0.0
95	77.604	0.013	0.063	1.23	4.05e-04	12.07	3.96e-03	1206.34	0.4	0.0	0.0
96	78.499	0.013	0.063	3.86	1.27e-03	272.29	8.93e-02	87.54	2.87e-02	0.0	0.0
97	79.293	0.013	0.063	14.18	4.65e-03	281.52	9.23e-02	235.90	7.74e-02	0.0	0.0
98	79.519	0.013	0.063	20.78	6.82e-03	51.16	1.68e-02	4544.17	1.5	0.0	0.0
99	80.293	0.012	0.063	1.71	5.60e-04	435.40	0.1	1.160e+04	3.8	0.0	0.0
100	80.622	0.012	0.063	0.52	1.72e-04	41.68	1.37e-02	888.21	0.3	0.0	0.0
Risulta				2.892e+05		2.761e+05		2.245e+05			
In percentuale				94.90		90.56		73.69			

Cmb	Pilas.	1000 etaT/h	etaT cm	inter. h cm	Pilas.	1000 etaT/h	etaT cm	inter. h cm	Pilas.	1000 etaT/h	etaT cm	inter. h cm
33	5	0.08	0.03	380.0	10	0.06	0.02	340.0	12	0.08	0.03	400.0
	13	0.06	0.02	400.0	21	0.11	0.04	320.0	22	0.12	0.04	320.0
	24	0.11	0.03	300.0	25	0.11	0.03	300.0	26	0.11	0.03	300.0
	27	0.14	0.04	280.0	28	0.12	0.04	320.0	29	0.17	0.05	320.0
	30	0.23	0.07	320.0	31	0.22	0.07	300.0	48	0.04	0.01	325.0
	62	0.026.79e-03		280.0	79	0.219.35e-03		43.7	80	0.05	0.02	356.0
34	5	0.09	0.03	380.0	10	0.07	0.02	340.0	12	0.09	0.03	400.0
	13	0.07	0.03	400.0	21	0.11	0.03	320.0	22	0.13	0.04	320.0
	24	0.09	0.03	300.0	25	0.10	0.03	300.0	26	0.14	0.04	300.0
	27	0.13	0.04	280.0	28	0.13	0.04	320.0	29	0.18	0.06	320.0
	30	0.25	0.08	320.0	31	0.23	0.07	300.0	48	0.05	0.02	325.0
	62	0.038.56e-03		280.0	79	0.219.34e-03		43.7	80	0.06	0.02	356.0
35	5	0.09	0.03	380.0	10	0.10	0.03	340.0	12	0.09	0.04	400.0
	13	0.09	0.04	400.0	21	0.12	0.04	320.0	22	0.13	0.04	320.0
	24	0.16	0.05	300.0	25	0.14	0.04	300.0	26	0.17	0.05	300.0
	27	0.16	0.04	280.0	28	0.13	0.04	320.0	29	0.17	0.06	320.0
	30	0.23	0.07	320.0	31	0.22	0.07	300.0	48	0.08	0.02	325.0
	62	0.07	0.02	280.0	79	0.093.84e-03		43.7	80	0.10	0.03	356.0
36	5	0.09	0.03	380.0	10	0.09	0.03	340.0	12	0.08	0.03	400.0
	13	0.08	0.03	400.0	21	0.13	0.04	320.0	22	0.12	0.04	320.0
	24	0.17	0.05	300.0	25	0.15	0.05	300.0	26	0.15	0.04	300.0
	27	0.17	0.05	280.0	28	0.12	0.04	320.0	29	0.16	0.05	320.0
	30	0.21	0.07	320.0	31	0.21	0.06	300.0	48	0.06	0.02	325.0
	62	0.04	0.01	280.0	79	0.093.82e-03		43.7	80	0.09	0.03	356.0
37	5	0.08	0.03	380.0	10	0.06	0.02	340.0	12	0.07	0.03	400.0
	13	0.06	0.02	400.0	21	0.10	0.03	320.0	22	0.12	0.04	320.0
	24	0.11	0.03	300.0	25	0.11	0.03	300.0	26	0.11	0.03	300.0
	27	0.12	0.03	280.0	28	0.12	0.04	320.0	29	0.17	0.05	320.0
	30	0.22	0.07	320.0	31	0.22	0.07	300.0	48	0.04	0.01	325.0
	62	0.026.85e-03		280.0	79	0.219.36e-03		43.7	80	0.05	0.02	356.0
38	5	0.09	0.03	380.0	10	0.07	0.02	340.0	12	0.09	0.03	400.0
	13	0.07	0.03	400.0	21	0.12	0.04	320.0	22	0.14	0.04	320.0
	24	0.09	0.03	300.0	25	0.10	0.03	300.0	26	0.14	0.04	300.0
	27	0.15	0.04	280.0	28	0.13	0.04	320.0	29	0.18	0.06	320.0
	30	0.25	0.08	320.0	31	0.24	0.07	300.0	48	0.05	0.02	325.0
	62	0.038.52e-03		280.0	79	0.219.34e-03		43.7	80	0.06	0.02	356.0
39	5	0.09	0.03	380.0	10	0.10	0.03	340.0	12	0.09	0.04	400.0
	13	0.09	0.04	400.0	21	0.13	0.04	320.0	22	0.13	0.04	320.0
	24	0.16	0.05	300.0	25	0.14	0.04	300.0	26	0.17	0.05	300.0
	27	0.18	0.05	280.0	28	0.13	0.04	320.0	29	0.18	0.06	320.0
	30	0.23	0.07	320.0	31	0.22	0.07	300.0	48	0.08	0.02	325.0
	62	0.07	0.02	280.0	79	0.093.85e-03		43.7	80	0.10	0.03	356.0
40	5	0.09	0.03	380.0	10	0.09	0.03	340.0	12	0.08	0.03	400.0
	13	0.08	0.03	400.0	21	0.11	0.04	320.0	22	0.12	0.04	320.0
	24	0.17	0.05	300.0	25	0.15	0.05	300.0	26	0.15	0.04	300.0

41	27	0.15	0.04	280.0	28	0.12	0.04	320.0	29	0.16	0.05	320.0
	30	0.21	0.07	320.0	31	0.20	0.06	300.0	48	0.06	0.02	325.0
	62	0.04	0.01	280.0	79	0.093.82e-03		43.7	80	0.09	0.03	356.0
	5	0.09	0.04	380.0	10	0.05	0.02	340.0	12	0.06	0.02	400.0
	13	0.05	0.02	400.0	21	0.09	0.03	320.0	22	0.09	0.03	320.0
42	24	0.09	0.03	300.0	25	0.09	0.03	300.0	26	0.09	0.03	300.0
	27	0.11	0.03	280.0	28	0.09	0.03	320.0	29	0.12	0.04	320.0
	30	0.15	0.05	320.0	31	0.15	0.05	300.0	48	0.03	0.01	325.0
	62	0.037.35e-03		280.0	79	0.24	0.01	43.7	80	0.05	0.02	356.0
	5	0.10	0.04	380.0	10	0.06	0.02	340.0	12	0.07	0.03	400.0
43	13	0.06	0.02	400.0	21	0.09	0.03	320.0	22	0.11	0.03	320.0
	24	0.08	0.02	300.0	25	0.08	0.02	300.0	26	0.11	0.03	300.0
	27	0.10	0.03	280.0	28	0.10	0.03	320.0	29	0.13	0.04	320.0
	30	0.17	0.05	320.0	31	0.16	0.05	300.0	48	0.04	0.01	325.0
	62	0.025.73e-03		280.0	79	0.24	0.01	43.7	80	0.06	0.02	356.0
44	5	0.10	0.04	380.0	10	0.09	0.03	340.0	12	0.07	0.03	400.0
	13	0.08	0.03	400.0	21	0.10	0.03	320.0	22	0.11	0.03	320.0
	24	0.14	0.04	300.0	25	0.12	0.04	300.0	26	0.14	0.04	300.0
	27	0.13	0.04	280.0	28	0.10	0.03	320.0	29	0.13	0.04	320.0
	30	0.15	0.05	320.0	31	0.15	0.05	300.0	48	0.06	0.02	325.0
45	62	0.06	0.02	280.0	79	0.062.79e-03		43.7	80	0.09	0.03	356.0
	5	0.09	0.03	380.0	10	0.08	0.03	340.0	12	0.06	0.03	400.0
	13	0.07	0.03	400.0	21	0.11	0.03	320.0	22	0.10	0.03	320.0
	24	0.15	0.05	300.0	25	0.13	0.04	300.0	26	0.13	0.04	300.0
	27	0.14	0.04	280.0	28	0.10	0.03	320.0	29	0.12	0.04	320.0
46	30	0.13	0.04	320.0	31	0.14	0.04	300.0	48	0.05	0.02	325.0
	62	0.038.99e-03		280.0	79	0.072.88e-03		43.7	80	0.09	0.03	356.0
	5	0.09	0.04	380.0	10	0.05	0.02	340.0	12	0.06	0.02	400.0
	13	0.05	0.02	400.0	21	0.08	0.03	320.0	22	0.09	0.03	320.0
	24	0.10	0.03	300.0	25	0.09	0.03	300.0	26	0.09	0.03	300.0
47	27	0.10	0.03	280.0	28	0.09	0.03	320.0	29	0.12	0.04	320.0
	30	0.15	0.05	320.0	31	0.15	0.04	300.0	48	0.03	0.01	325.0
	62	0.037.40e-03		280.0	79	0.24	0.01	43.7	80	0.05	0.02	356.0
	5	0.10	0.04	380.0	10	0.06	0.02	340.0	12	0.07	0.03	400.0
	13	0.06	0.02	400.0	21	0.10	0.03	320.0	22	0.11	0.04	320.0
48	24	0.07	0.02	300.0	25	0.08	0.02	300.0	26	0.11	0.03	300.0
	27	0.12	0.03	280.0	28	0.10	0.03	320.0	29	0.13	0.04	320.0
	30	0.17	0.06	320.0	31	0.17	0.05	300.0	48	0.04	0.01	325.0
	62	0.025.68e-03		280.0	79	0.24	0.01	43.7	80	0.06	0.02	356.0
	5	0.10	0.04	380.0	10	0.09	0.03	340.0	12	0.07	0.03	400.0
49	13	0.08	0.03	400.0	21	0.11	0.04	320.0	22	0.11	0.03	320.0
	24	0.14	0.04	300.0	25	0.12	0.04	300.0	26	0.14	0.04	300.0
	27	0.15	0.04	280.0	28	0.11	0.03	320.0	29	0.13	0.04	320.0
	30	0.16	0.05	320.0	31	0.15	0.05	300.0	48	0.07	0.02	325.0
	62	0.06	0.02	280.0	79	0.062.79e-03		43.7	80	0.09	0.03	356.0
50	5	0.09	0.03	380.0	10	0.08	0.03	340.0	12	0.06	0.02	400.0
	13	0.06	0.03	400.0	21	0.09	0.03	320.0	22	0.09	0.03	320.0
	24	0.15	0.05	300.0	25	0.13	0.04	300.0	26	0.12	0.04	300.0
	27	0.13	0.04	280.0	28	0.10	0.03	320.0	29	0.11	0.04	320.0
	30	0.13	0.04	320.0	31	0.13	0.04	300.0	48	0.05	0.02	325.0
51	62	0.039.04e-03		280.0	79	0.072.89e-03		43.7	80	0.09	0.03	356.0
	5	0.026.94e-03		380.0	10	0.013.88e-03		340.0	12	0.029.48e-03		400.0
	13	0.03	0.01	400.0	21	0.05	0.02	320.0	22	0.03	0.01	320.0
	24	0.08	0.02	300.0	25	0.05	0.01	300.0	26	0.038.71e-03		300.0
	27	0.06	0.02	280.0	28	0.04	0.01	320.0	29	0.04	0.01	320.0
52	30	0.05	0.02	320.0	31	0.06	0.02	300.0	48	0.04	0.01	325.0
	62	0.06	0.02	280.0	79	0.062.68e-03		43.7	80	0.026.51e-03		356.0
	5	0.05	0.02	380.0	10	0.038.53e-03		340.0	12	0.04	0.02	400.0
	13	0.04	0.02	400.0	21	0.04	0.01	320.0	22	0.08	0.02	320.0
	24	0.05	0.01	300.0	25	0.05	0.01	300.0	26	0.08	0.02	300.0
53	27	0.05	0.02	280.0	28	0.06	0.02	320.0	29	0.08	0.03	320.0
	30	0.11	0.04	320.0	31	0.10	0.03	300.0	48	0.03	0.01	325.0
	62	0.04	0.01	280.0	79	0.177.46e-03		43.7	80	0.025.96e-03		356.0
	5	0.04	0.02	380.0	10	0.05	0.02	340.0	12	0.05	0.02	400.0
	13	0.06	0.02	400.0	21	0.05	0.02	320.0	22	0.07	0.02	320.0
54	24	0.09	0.03	300.0	25	0.05	0.02	300.0	26	0.10	0.03	300.0
	27	0.06	0.02	280.0	28	0.06	0.02	320.0	29	0.07	0.02	320.0
	30	0.10	0.03	320.0	31	0.08	0.03	300.0	48	0.07	0.02	325.0
	62	0.08	0.02	280.0	79	0.135.89e-03		43.7	80	0.05	0.02	356.0
	5	0.03	0.01	380.0	10	0.03	0.01	340.0	12	0.027.64e-03		400.0
55	13	0.03	0.01	400.0	21	0.06	0.02	320.0	22	0.05	0.01	320.0
	24	0.11	0.03	300.0	25	0.09	0.03	300.0	26	0.06	0.02	300.0
	27	0.09	0.03	280.0	28	0.05	0.02	320.0	29	0.04	0.01	320.0
	30	0.03	0.01	320.0	31	0.04	0.01	300.0	48	0.025.80e-03		325.0
	62	0.037.45e-03		280.0	79	0.135.83e-03		43.7	80	0.03	0.01	356.0
56	5	0.029.22e-03		380.0	10	0.025.59e-03		340.0	12	0.029.73e-03		400.0
	13	0.03	0.01	400.0	21	0.05	0.02	320.0	22	0.03	0.01	320.0

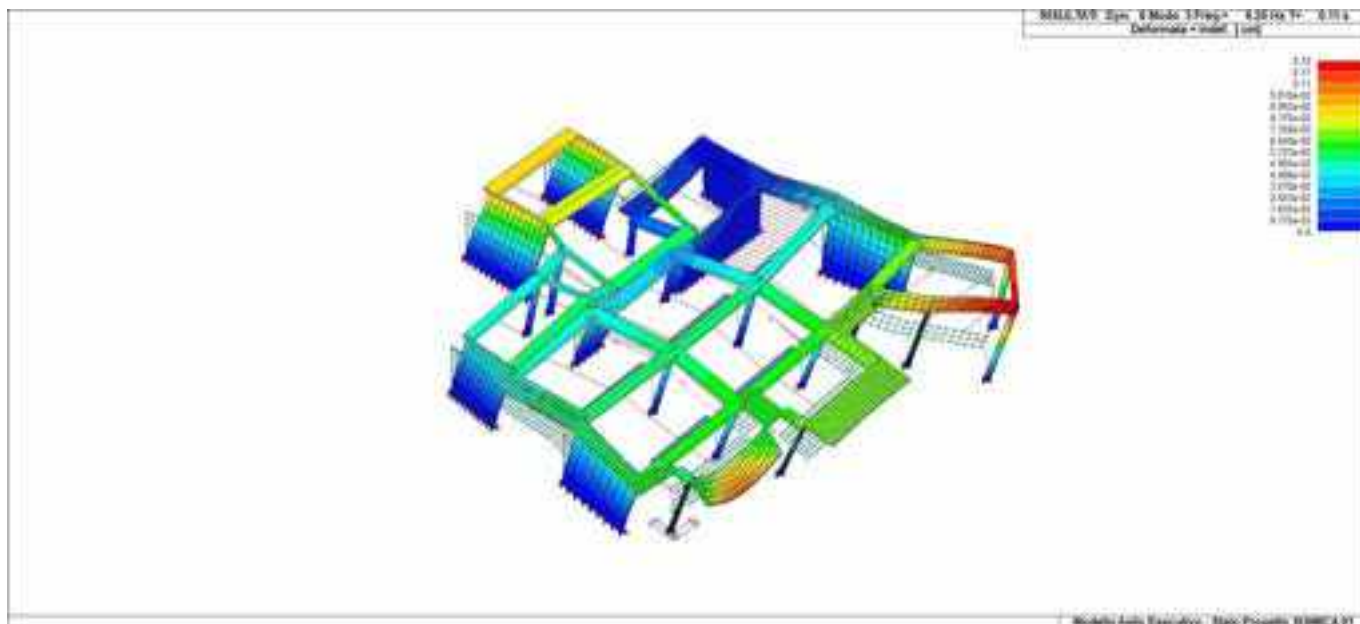
54	24	0.08	0.02	300.0	25	0.04	0.01	300.0	26	0.03	0.01	300.0
	27	0.06	0.02	280.0	28	0.03	0.01	320.0	29	0.03	0.01	320.0
	30	0.039.03e-03		320.0	31	0.04	0.01	300.0	48	0.05	0.02	325.0
	62	0.07	0.02	280.0	79	0.052.07e-03		43.7	80	0.028.47e-03		356.0
	5	0.05	0.02	380.0	10	0.026.95e-03		340.0	12	0.04	0.02	400.0
55	13	0.04	0.02	400.0	21	0.04	0.01	320.0	22	0.07	0.02	320.0
	24	0.05	0.02	300.0	25	0.05	0.01	300.0	26	0.07	0.02	300.0
	27	0.05	0.01	280.0	28	0.05	0.02	320.0	29	0.07	0.02	320.0
	30	0.09	0.03	320.0	31	0.08	0.02	300.0	48	0.039.90e-03		325.0
	62	0.049.97e-03		280.0	79	0.187.75e-03		43.7	80	0.014.48e-03		356.0
56	5	0.04	0.02	380.0	10	0.05	0.02	340.0	12	0.04	0.02	400.0
	13	0.05	0.02	400.0	21	0.04	0.01	320.0	22	0.06	0.02	320.0
	24	0.08	0.02	300.0	25	0.05	0.01	300.0	26	0.09	0.03	300.0
	27	0.05	0.01	280.0	28	0.05	0.02	320.0	29	0.06	0.02	320.0
	30	0.07	0.02	320.0	31	0.06	0.02	300.0	48	0.06	0.02	325.0
57	62	0.07	0.02	280.0	79	0.135.56e-03		43.7	80	0.05	0.02	356.0
	5	0.03	0.01	380.0	10	0.03	0.01	340.0	12	0.027.60e-03		400.0
	13	0.03	0.01	400.0	21	0.06	0.02	320.0	22	0.05	0.01	320.0
	24	0.10	0.03	300.0	25	0.09	0.03	300.0	26	0.05	0.02	300.0
	27	0.09	0.02	280.0	28	0.04	0.01	320.0	29	0.04	0.01	320.0
58	30	0.027.51e-03		320.0	31	0.026.98e-03		300.0	48	0.026.38e-03		325.0
	62	0.038.06e-03		280.0	79	0.135.55e-03		43.7	80	0.03	0.01	356.0
	5	0.025.86e-03		380.0	10	0.014.68e-03		340.0	12	0.029.14e-03		400.0
	13	0.029.84e-03		400.0	21	0.027.82e-03		320.0	22	0.038.88e-03		320.0
	24	0.08	0.02	300.0	25	0.05	0.01	300.0	26	0.038.36e-03		300.0
59	27	0.037.61e-03		280.0	28	0.03	0.01	320.0	29	0.03	0.01	320.0
	30	0.04	0.01	320.0	31	0.05	0.02	300.0	48	0.04	0.01	325.0
	62	0.06	0.02	280.0	79	0.052.32e-03		43.7	80	0.027.28e-03		356.0
	5	0.05	0.02	380.0	10	0.039.22e-03		340.0	12	0.05	0.02	400.0
	13	0.04	0.02	400.0	21	0.07	0.02	320.0	22	0.08	0.03	320.0
60	24	0.05	0.01	300.0	25	0.05	0.01	300.0	26	0.08	0.02	300.0
	27	0.08	0.02	280.0	28	0.06	0.02	320.0	29	0.09	0.03	320.0
	30	0.12	0.04	320.0	31	0.10	0.03	300.0	48	0.03	0.01	325.0
	62	0.04	0.01	280.0	79	0.177.47e-03		43.7	80	0.026.58e-03		356.0
	5	0.04	0.02	380.0	10	0.05	0.02	340.0	12	0.05	0.02	400.0
61	13	0.06	0.02	400.0	21	0.08	0.03	320.0	22	0.07	0.02	320.0
	24	0.09	0.03	300.0	25	0.06	0.02	300.0	26	0.10	0.03	300.0
	27	0.10	0.03	280.0	28	0.06	0.02	320.0	29	0.08	0.02	320.0
	30	0.10	0.03	320.0	31	0.09	0.03	300.0	48	0.07	0.02	325.0
	62	0.08	0.02	280.0	79	0.145.90e-03		43.7	80	0.05	0.02	356.0
62	5	0.03	0.01	380.0	10	0.03	0.01	340.0	12	0.027.07e-03		400.0
	13	0.03	0.01	400.0	21	0.038.08e-03		320.0	22	0.04	0.01	320.0
	24	0.11	0.03	300.0	25	0.09	0.03	300.0	26	0.05	0.02	300.0
	27	0.04	0.01	280.0	28	0.04	0.01	320.0	29	0.04	0.01	320.0
	30	0.039.45e-03		320.0	31	0.04	0.01	300.0	48	0.025.40e-03		325.0
63	62	0.037.56e-03		280.0	79	0.135.83e-03		43.7	80	0.03	0.01	356.0
	5	0.028.17e-03		380.0	10	0.026.39e-03		340.0	12	0.029.63e-03		400.0
	13	0.03	0.01	400.0	21	0.038.86e-03		320.0	22	0.039.09e-03		320.0
	24	0.08	0.02	300.0	25	0.05	0.01	300.0	26	0.03	0.01	300.0
	27	0.039.24e-03		280.0	28	0.038.70e-03		320.0	29	0.038.19e-03		320.0
64	30	0.027.69e-03		320.0	31	0.04	0.01	300.0	48	0.05	0.02	325.0
	62	0.07	0.02	280.0	79	0.052.04e-03		43.7	80	0.039.24e-03		356.0
	5	0.05	0.02	380.0	10	0.027.61e-03		340.0	12	0.04	0.02	400.0
	13	0.04	0.02	400.0	21	0.06	0.02	320.0	22	0.07	0.02	320.0
	24	0.05	0.02	300.0	25	0.05	0.01	300.0	26	0.07	0.02	300.0
65	27	0.07	0.02	280.0	28	0.06	0.02	320.0	29	0.07	0.02	320.0
	30	0.10	0.03	320.0	31	0.08	0.03	300.0	48	0.03	0.01	325.0
	62	0.049.98e-03		280.0	79	0.187.75e-03		43.7	80	0.014.99e-03		356.0
	5	0.04	0.02	380.0	10	0.05	0.02	340.0	12	0.05	0.02	400.0
	13	0.05	0.02	400.0	21	0.07	0.02	320.0	22	0.06	0.02	320.0
66	24	0.08	0.03	300.0	25	0.05	0.01	300.0	26	0.09	0.03	300.0
	27	0.10	0.03	280.0	28	0.05	0.02	320.0	29	0.06	0.02	320.0
	30	0.08	0.03	320.0	31	0.07	0.02	300.0	48	0.06	0.02	325.0
	62	0.07	0.02	280.0	79	0.135.57e-03		43.7	80	0.05	0.02	356.0
	5	0.03	0.01	380.0	10	0.03	0.01	340.0	12	0.027.34e-03		400.0
67	13	0.03	0.01	400.0	21	0.038.12e-03		320.0	22	0.04	0.01	320.0
	24	0.10	0.03	300.0	25	0.09	0.03	300.0	26	0.05	0.02	300.0
	27	0.04	0.01	280.0	28	0.04	0.01	320.0	29	0.039.85e-03		320.0
	30	0.027.57e-03		320.0	31	0.027.31e-03		300.0	48	0.026.02e-03		325.0
	62	0.038.15e-03		280.0	79	0.135.56e-03		43.7	80	0.03	0.01	356.0
68	5	0.08	0.03	380.0	10	0.05	0.02	340.0	12	0.07	0.03	400.0
	13	0.06	0.02	400.0	21	0.10	0.03	320.0	22	0.11	0.03	320.0
	24	0.10	0.03	300.0	25	0.09	0.03	300.0	26	0.10	0.03	300.0
	27	0.13	0.04	280.0	28	0.11	0.04	320.0	29	0.15	0.05	320.0
	30	0.21	0.07	320.0	31	0.20	0.06	300.0	48	0.03	0.01	325.0
69	62	0.026.32e-03		280.0	79	0.219.12e-03		43.7	80	0.05	0.02	356.0
	5	0.08	0.03	380.0	10	0.06	0.02	340.0	12	0.08	0.03	400.0

67	13	0.07	0.03	400.0	21	0.10	0.03	320.0	22	0.12	0.04	320.0
	24	0.08	0.02	300.0	25	0.09	0.03	300.0	26	0.12	0.04	300.0
	27	0.12	0.03	280.0	28	0.12	0.04	320.0	29	0.17	0.05	320.0
	30	0.23	0.07	320.0	31	0.22	0.06	300.0	48	0.04	0.01	325.0
	62	0.037.46e-03		280.0	79	0.219.11e-03		43.7	80	0.05	0.02	356.0
68	5	0.08	0.03	380.0	10	0.09	0.03	340.0	12	0.08	0.03	400.0
	13	0.08	0.03	400.0	21	0.11	0.04	320.0	22	0.12	0.04	320.0
	24	0.15	0.04	300.0	25	0.13	0.04	300.0	26	0.16	0.05	300.0
	27	0.15	0.04	280.0	28	0.12	0.04	320.0	29	0.16	0.05	320.0
	30	0.21	0.07	320.0	31	0.20	0.06	300.0	48	0.07	0.02	325.0
69	62	0.06	0.02	280.0	79	0.094.07e-03		43.7	80	0.09	0.03	356.0
	5	0.08	0.03	380.0	10	0.08	0.03	340.0	12	0.07	0.03	400.0
	13	0.07	0.03	400.0	21	0.12	0.04	320.0	22	0.11	0.03	320.0
	24	0.16	0.05	300.0	25	0.14	0.04	300.0	26	0.14	0.04	300.0
	27	0.16	0.04	280.0	28	0.11	0.04	320.0	29	0.15	0.05	320.0
70	30	0.19	0.06	320.0	31	0.19	0.06	300.0	48	0.05	0.02	325.0
	62	0.04	0.01	280.0	79	0.094.05e-03		43.7	80	0.08	0.03	356.0
	5	0.07	0.03	380.0	10	0.05	0.02	340.0	12	0.07	0.03	400.0
	13	0.05	0.02	400.0	21	0.09	0.03	320.0	22	0.11	0.03	320.0
	24	0.10	0.03	300.0	25	0.10	0.03	300.0	26	0.10	0.03	300.0
71	27	0.11	0.03	280.0	28	0.11	0.03	320.0	29	0.15	0.05	320.0
	30	0.21	0.07	320.0	31	0.20	0.06	300.0	48	0.03	0.01	325.0
	62	0.026.37e-03		280.0	79	0.219.12e-03		43.7	80	0.05	0.02	356.0
	5	0.08	0.03	380.0	10	0.06	0.02	340.0	12	0.08	0.03	400.0
	13	0.07	0.03	400.0	21	0.11	0.04	320.0	22	0.13	0.04	320.0
72	24	0.08	0.02	300.0	25	0.09	0.03	300.0	26	0.12	0.04	300.0
	27	0.14	0.04	280.0	28	0.12	0.04	320.0	29	0.17	0.05	320.0
	30	0.23	0.07	320.0	31	0.22	0.07	300.0	48	0.04	0.01	325.0
	62	0.037.42e-03		280.0	79	0.219.10e-03		43.7	80	0.05	0.02	356.0
	5	0.08	0.03	380.0	10	0.09	0.03	340.0	12	0.08	0.03	400.0
73	13	0.08	0.03	400.0	21	0.12	0.04	320.0	22	0.12	0.04	320.0
	24	0.15	0.04	300.0	25	0.13	0.04	300.0	26	0.16	0.05	300.0
	27	0.16	0.05	280.0	28	0.12	0.04	320.0	29	0.16	0.05	320.0
	30	0.21	0.07	320.0	31	0.20	0.06	300.0	48	0.07	0.02	325.0
	62	0.06	0.02	280.0	79	0.094.07e-03		43.7	80	0.09	0.03	356.0
74	5	0.08	0.03	380.0	10	0.08	0.03	340.0	12	0.07	0.03	400.0
	13	0.07	0.03	400.0	21	0.11	0.03	320.0	22	0.11	0.03	320.0
	24	0.16	0.05	300.0	25	0.14	0.04	300.0	26	0.14	0.04	300.0
	27	0.14	0.04	280.0	28	0.11	0.04	320.0	29	0.15	0.05	320.0
	30	0.19	0.06	320.0	31	0.19	0.06	300.0	48	0.05	0.02	325.0
75	62	0.04	0.01	280.0	79	0.094.05e-03		43.7	80	0.08	0.03	356.0
	5	0.09	0.03	380.0	10	0.05	0.02	340.0	12	0.06	0.02	400.0
	13	0.04	0.02	400.0	21	0.09	0.03	320.0	22	0.09	0.03	320.0
	24	0.09	0.03	300.0	25	0.08	0.02	300.0	26	0.08	0.02	300.0
	27	0.10	0.03	280.0	28	0.09	0.03	320.0	29	0.11	0.04	320.0
76	30	0.14	0.04	320.0	31	0.14	0.04	300.0	48	0.039.95e-03		325.0
	62	0.037.01e-03		280.0	79	0.23	0.01	43.7	80	0.05	0.02	356.0
	5	0.09	0.04	380.0	10	0.05	0.02	340.0	12	0.06	0.03	400.0
	13	0.05	0.02	400.0	21	0.08	0.03	320.0	22	0.10	0.03	320.0
	24	0.07	0.02	300.0	25	0.07	0.02	300.0	26	0.10	0.03	300.0
77	27	0.10	0.03	280.0	28	0.09	0.03	320.0	29	0.12	0.04	320.0
	30	0.16	0.05	320.0	31	0.15	0.05	300.0	48	0.04	0.01	325.0
	62	0.024.94e-03		280.0	79	0.23	0.01	43.7	80	0.05	0.02	356.0
	5	0.09	0.03	380.0	10	0.08	0.03	340.0	12	0.07	0.03	400.0
	13	0.07	0.03	400.0	21	0.09	0.03	320.0	22	0.10	0.03	320.0
78	24	0.13	0.04	300.0	25	0.11	0.03	300.0	26	0.13	0.04	300.0
	27	0.12	0.03	280.0	28	0.10	0.03	320.0	29	0.11	0.04	320.0
	30	0.14	0.04	320.0	31	0.14	0.04	300.0	48	0.06	0.02	325.0
	62	0.05	0.01	280.0	79	0.073.11e-03		43.7	80	0.08	0.03	356.0
	5	0.08	0.03	380.0	10	0.08	0.03	340.0	12	0.06	0.02	400.0
79	13	0.06	0.02	400.0	21	0.10	0.03	320.0	22	0.09	0.03	320.0
	24	0.15	0.04	300.0	25	0.12	0.04	300.0	26	0.12	0.04	300.0
	27	0.13	0.04	280.0	28	0.09	0.03	320.0	29	0.11	0.03	320.0
	30	0.12	0.04	320.0	31	0.12	0.04	300.0	48	0.05	0.01	325.0
	62	0.038.59e-03		280.0	79	0.073.18e-03		43.7	80	0.08	0.03	356.0
80	5	0.09	0.03	380.0	10	0.05	0.02	340.0	12	0.06	0.02	400.0
	13	0.04	0.02	400.0	21	0.07	0.02	320.0	22	0.08	0.03	320.0
	24	0.09	0.03	300.0	25	0.08	0.02	300.0	26	0.08	0.02	300.0
	27	0.09	0.02	280.0	28	0.09	0.03	320.0	29	0.11	0.03	320.0
	30	0.14	0.04	320.0	31	0.14	0.04	300.0	48	0.039.82e-03		325.0
81	62	0.037.05e-03		280.0	79	0.23	0.01	43.7	80	0.05	0.02	356.0
	5	0.10	0.04	380.0	10	0.05	0.02	340.0	12	0.07	0.03	400.0
	13	0.05	0.02	400.0	21	0.09	0.03	320.0	22	0.10	0.03	320.0
	24	0.07	0.02	300.0	25	0.07	0.02	300.0	26	0.10	0.03	300.0
	27	0.11	0.03	280.0	28	0.10	0.03	320.0	29	0.12	0.04	320.0
82	30	0.16	0.05	320.0	31	0.15	0.05	300.0	48	0.04	0.01	325.0
	62	0.024.89e-03		280.0	79	0.23	0.01	43.7	80	0.05	0.02	356.0

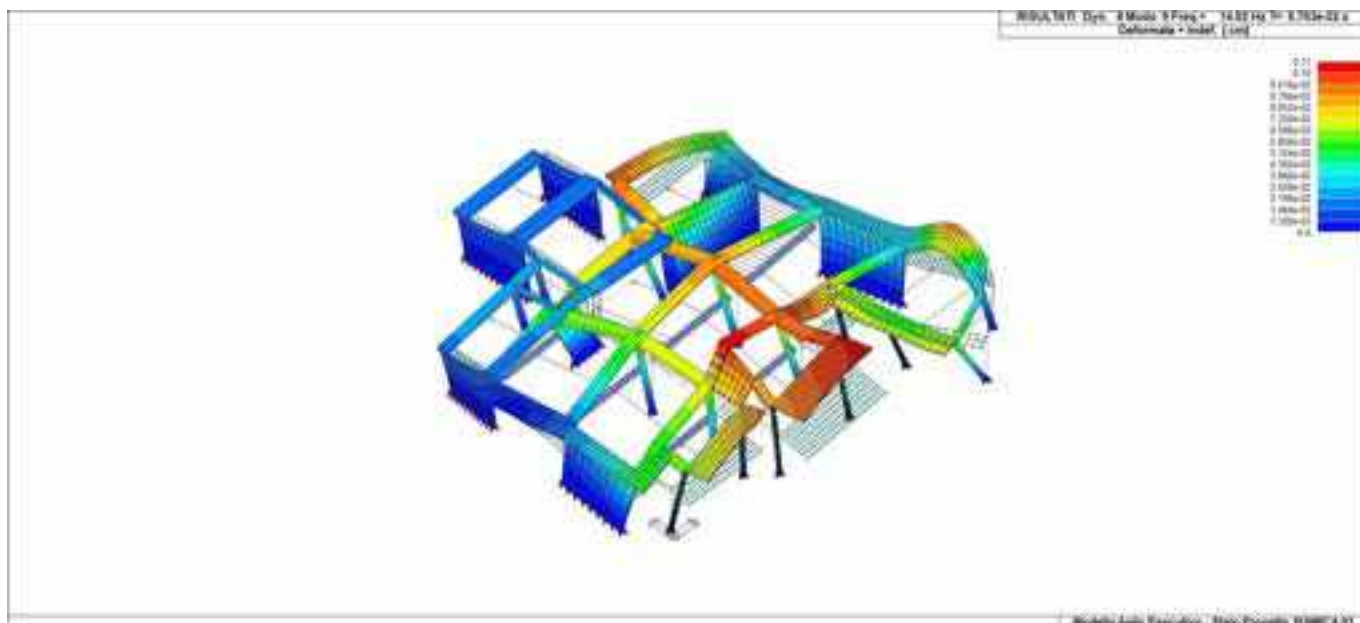
79	5	0.09	0.03	380.0	10	0.08	0.03	340.0	12	0.07	0.03	400.0
	13	0.07	0.03	400.0	21	0.10	0.03	320.0	22	0.10	0.03	320.0
	24	0.13	0.04	300.0	25	0.11	0.03	300.0	26	0.13	0.04	300.0
	27	0.14	0.04	280.0	28	0.10	0.03	320.0	29	0.12	0.04	320.0
	30	0.14	0.05	320.0	31	0.14	0.04	300.0	48	0.06	0.02	325.0
80	62	0.05	0.01	280.0	79	0.07 3.11e-03		43.7	80	0.08	0.03	356.0
	5	0.08	0.03	380.0	10	0.08	0.03	340.0	12	0.06	0.02	400.0
	13	0.06	0.02	400.0	21	0.09	0.03	320.0	22	0.09	0.03	320.0
	24	0.15	0.04	300.0	25	0.12	0.04	300.0	26	0.12	0.03	300.0
	27	0.12	0.03	280.0	28	0.09	0.03	320.0	29	0.10	0.03	320.0
81	30	0.12	0.04	320.0	31	0.12	0.04	300.0	48	0.05	0.01	325.0
	62	0.03 8.63e-03		280.0	79	0.07 3.18e-03		43.7	80	0.08	0.03	356.0
	5	0.02 6.86e-03		380.0	10	0.01 3.61e-03		340.0	12	0.02 8.77e-03		400.0
	13	0.02 9.57e-03		400.0	21	0.05	0.02	320.0	22	0.03 9.42e-03		320.0
	24	0.07	0.02	300.0	25	0.04	0.01	300.0	26	0.03 7.90e-03		300.0
82	27	0.06	0.02	280.0	28	0.03	0.01	320.0	29	0.04	0.01	320.0
	30	0.04	0.01	320.0	31	0.05	0.02	300.0	48	0.04	0.01	325.0
	62	0.06	0.02	280.0	79	0.05 2.12e-03		43.7	80	0.02 6.25e-03		356.0
	5	0.04	0.02	380.0	10	0.02 7.54e-03		340.0	12	0.04	0.02	400.0
	13	0.04	0.02	400.0	21	0.04	0.01	320.0	22	0.07	0.02	320.0
83	24	0.05	0.02	300.0	25	0.04	0.01	300.0	26	0.07	0.02	300.0
	27	0.05	0.01	280.0	28	0.05	0.02	320.0	29	0.07	0.02	320.0
	30	0.11	0.03	320.0	31	0.09	0.03	300.0	48	0.03 9.66e-03		325.0
	62	0.03 9.48e-03		280.0	79	0.17 7.38e-03		43.7	80	0.01 4.96e-03		356.0
	5	0.04	0.01	380.0	10	0.05	0.02	340.0	12	0.04	0.02	400.0
84	13	0.05	0.02	400.0	21	0.04	0.01	320.0	22	0.06	0.02	320.0
	24	0.08	0.03	300.0	25	0.05	0.02	300.0	26	0.09	0.03	300.0
	27	0.05	0.02	280.0	28	0.05	0.02	320.0	29	0.06	0.02	320.0
	30	0.09	0.03	320.0	31	0.08	0.02	300.0	48	0.06	0.02	325.0
	62	0.07	0.02	280.0	79	0.14 5.94e-03		43.7	80	0.05	0.02	356.0
85	5	0.03	0.01	380.0	10	0.03	0.01	340.0	12	0.02 6.93e-03		400.0
	13	0.03	0.01	400.0	21	0.06	0.02	320.0	22	0.04	0.01	320.0
	24	0.10	0.03	300.0	25	0.08	0.03	300.0	26	0.05	0.02	300.0
	27	0.08	0.02	280.0	28	0.04	0.01	320.0	29	0.04	0.01	320.0
	30	0.03 9.84e-03		320.0	31	0.04	0.01	300.0	48	0.02 5.12e-03		325.0
86	62	0.02 6.47e-03		280.0	79	0.13 5.88e-03		43.7	80	0.03	0.01	356.0
	5	0.02 8.99e-03		380.0	10	0.02 5.20e-03		340.0	12	0.02 9.01e-03		400.0
	13	0.03	0.01	400.0	21	0.05	0.01	320.0	22	0.03 9.28e-03		320.0
	24	0.07	0.02	300.0	25	0.04	0.01	300.0	26	0.03 9.56e-03		300.0
	27	0.05	0.01	280.0	28	0.03 9.30e-03		320.0	29	0.03 9.40e-03		320.0
87	30	0.03 8.41e-03		320.0	31	0.03	0.01	300.0	48	0.04	0.01	325.0
	62	0.06	0.02	280.0	79	0.04 1.88e-03		43.7	80	0.02 8.04e-03		356.0
	5	0.05	0.02	380.0	10	0.02 6.07e-03		340.0	12	0.04	0.01	400.0
	13	0.04	0.01	400.0	21	0.03	0.01	320.0	22	0.06	0.02	320.0
	24	0.05	0.02	300.0	25	0.04	0.01	300.0	26	0.06	0.02	300.0
88	27	0.05	0.01	280.0	28	0.05	0.02	320.0	29	0.06	0.02	320.0
	30	0.08	0.03	320.0	31	0.07	0.02	300.0	48	0.03 8.63e-03		325.0
	62	0.03 8.67e-03		280.0	79	0.17 7.65e-03		43.7	80	9.99e-03 3.56e-03		356.0
	5	0.04	0.01	380.0	10	0.04	0.02	340.0	12	0.04	0.02	400.0
	13	0.05	0.02	400.0	21	0.04	0.01	320.0	22	0.06	0.02	320.0
89	24	0.08	0.02	300.0	25	0.05	0.01	300.0	26	0.08	0.03	300.0
	27	0.05	0.01	280.0	28	0.05	0.01	320.0	29	0.05	0.02	320.0
	30	0.07	0.02	320.0	31	0.06	0.02	300.0	48	0.06	0.02	325.0
	62	0.07	0.02	280.0	79	0.13 5.64e-03		43.7	80	0.05	0.02	356.0
	5	0.03	0.01	380.0	10	0.03	0.01	340.0	12	0.02 6.87e-03		400.0
90	13	0.03	0.01	400.0	21	0.05	0.02	320.0	22	0.04	0.01	320.0
	24	0.10	0.03	300.0	25	0.08	0.02	300.0	26	0.05	0.02	300.0
	27	0.08	0.02	280.0	28	0.04	0.01	320.0	29	0.03	0.01	320.0
	30	0.02 6.90e-03		320.0	31	0.02 6.24e-03		300.0	48	0.02 5.58e-03		325.0
	62	0.02 7.00e-03		280.0	79	0.13 5.63e-03		43.7	80	0.03	0.01	356.0
91	5	0.02 5.88e-03		380.0	10	0.01 4.34e-03		340.0	12	0.02 8.46e-03		400.0
	13	0.02 9.04e-03		400.0	21	0.02 7.19e-03		320.0	22	0.02 7.95e-03		320.0
	24	0.08	0.02	300.0	25	0.04	0.01	300.0	26	0.03 7.67e-03		300.0
	27	0.02 6.99e-03		280.0	28	0.03 9.25e-03		320.0	29	0.03	0.01	320.0
	30	0.04	0.01	320.0	31	0.05	0.01	300.0	48	0.04	0.01	325.0
92	62	0.06	0.02	280.0	79	0.04 1.89e-03		43.7	80	0.02 6.95e-03		356.0
	5	0.05	0.02	380.0	10	0.02 8.19e-03		340.0	12	0.04	0.02	400.0
	13	0.04	0.02	400.0	21	0.06	0.02	320.0	22	0.07	0.02	320.0
	24	0.05	0.01	300.0	25	0.05	0.01	300.0	26	0.07	0.02	300.0
	27	0.07	0.02	280.0	28	0.06	0.02	320.0	29	0.08	0.03	320.0
93	30	0.11	0.04	320.0	31	0.10	0.03	300.0	48	0.03 9.75e-03		325.0
	62	0.03 9.48e-03		280.0	79	0.17 7.38e-03		43.7	80	0.02 5.55e-03		356.0
	5	0.04	0.01	380.0	10	0.05	0.02	340.0	12	0.05	0.02	400.0
	13	0.05	0.02	400.0	21	0.07	0.02	320.0	22	0.07	0.02	320.0
	24	0.09	0.03	300.0	25	0.05	0.02	300.0	26	0.09	0.03	300.0
94	27	0.10	0.03	280.0	28	0.06	0.02	320.0	29	0.07	0.02	320.0
	30	0.09	0.03	320.0	31	0.08	0.02	300.0	48	0.06	0.02	325.0

92	62	0.07	0.02	280.0	79	0.145.95e-03	43.7	80	0.05	0.02	356.0	
	5	0.03	0.01	380.0	10	0.03	0.01	340.0	12	0.026.40e-03	400.0	
	13	0.03	0.01	400.0	21	0.027.45e-03	320.0	22	0.04	0.01	320.0	
	24	0.10	0.03	300.0	25	0.09	0.03	300.0	26	0.05	0.01	300.0
	27	0.04	0.01	280.0	28	0.04	0.01	320.0	29	0.03	0.01	320.0
93	30	0.038.54e-03		320.0	31	0.03	0.01	300.0	48	0.014.73e-03	325.0	
	62	0.026.58e-03		280.0	79	0.135.89e-03	43.7	80	0.03	0.01	356.0	
	5	0.028.04e-03		380.0	10	0.025.93e-03	340.0	12	0.028.91e-03		400.0	
	13	0.03	0.01	400.0	21	0.038.19e-03	320.0	22	0.038.12e-03		320.0	
	24	0.08	0.02	300.0	25	0.04	0.01	300.0	26	0.039.54e-03		300.0
94	27	0.038.55e-03		280.0	28	0.027.83e-03	320.0	29	0.027.45e-03		320.0	
	30	0.027.14e-03		320.0	31	0.039.84e-03	300.0	48	0.04	0.01	325.0	
	62	0.06	0.02	280.0	79	0.052.01e-03	43.7	80	0.028.75e-03		356.0	
	5	0.05	0.02	380.0	10	0.026.69e-03	340.0	12	0.04	0.02	400.0	
	13	0.04	0.01	400.0	21	0.05	0.02	320.0	22	0.07	0.02	320.0
95	24	0.05	0.02	300.0	25	0.04	0.01	300.0	26	0.06	0.02	300.0
	27	0.07	0.02	280.0	28	0.05	0.02	320.0	29	0.07	0.02	320.0
	30	0.09	0.03	320.0	31	0.08	0.02	300.0	48	0.038.72e-03		325.0
	62	0.038.68e-03		280.0	79	0.177.65e-03	43.7	80	0.014.04e-03		356.0	
	5	0.04	0.02	380.0	10	0.05	0.02	340.0	12	0.04	0.02	400.0
96	13	0.05	0.02	400.0	21	0.07	0.02	320.0	22	0.06	0.02	320.0
	24	0.08	0.02	300.0	25	0.05	0.01	300.0	26	0.09	0.03	300.0
	27	0.09	0.02	280.0	28	0.05	0.02	320.0	29	0.06	0.02	320.0
	30	0.07	0.02	320.0	31	0.07	0.02	300.0	48	0.06	0.02	325.0
	62	0.07	0.02	280.0	79	0.135.64e-03	43.7	80	0.05	0.02	356.0	
	5	0.03	0.01	380.0	10	0.03	0.01	340.0	12	0.026.63e-03		400.0
	13	0.03	0.01	400.0	21	0.027.45e-03	320.0	22	0.04	0.01	320.0	
	24	0.10	0.03	300.0	25	0.08	0.02	300.0	26	0.05	0.01	300.0
	27	0.04	0.01	280.0	28	0.03	0.01	320.0	29	0.039.10e-03		320.0
	30	0.027.02e-03		320.0	31	0.026.58e-03	300.0	48	0.025.24e-03		325.0	
	62	0.037.09e-03		280.0	79	0.135.63e-03	43.7	80	0.03	0.01	356.0	

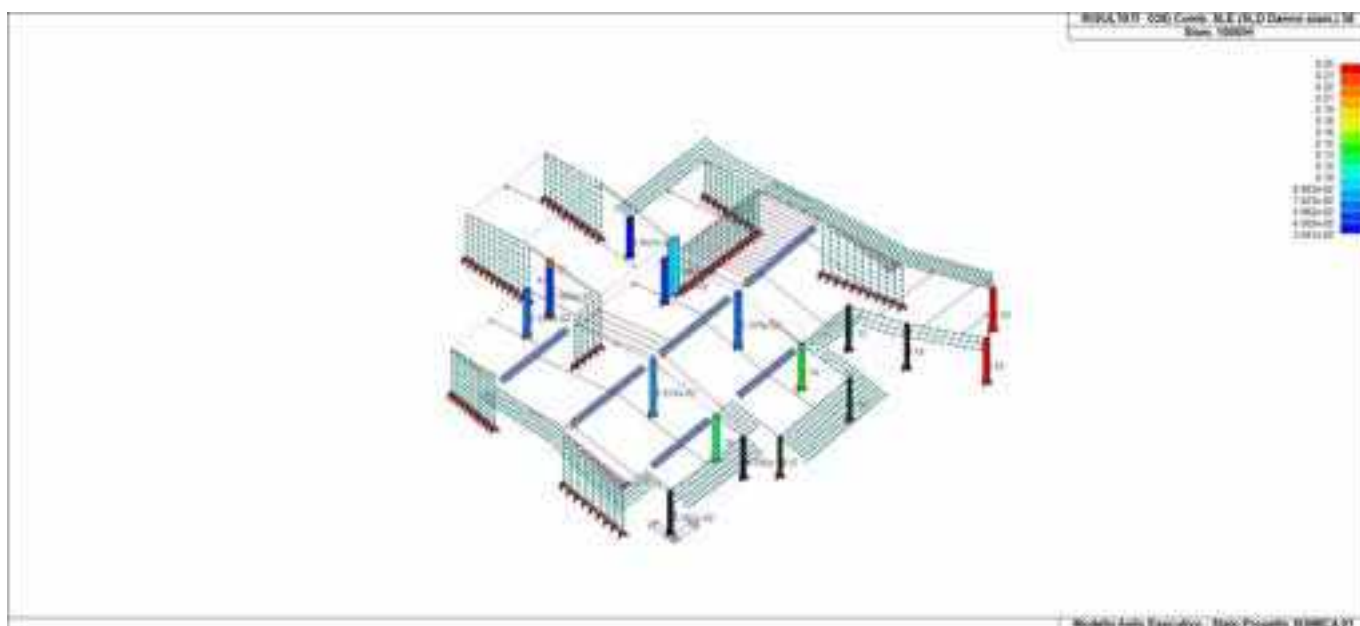
Cmb 1000 etaT/h  
0.25



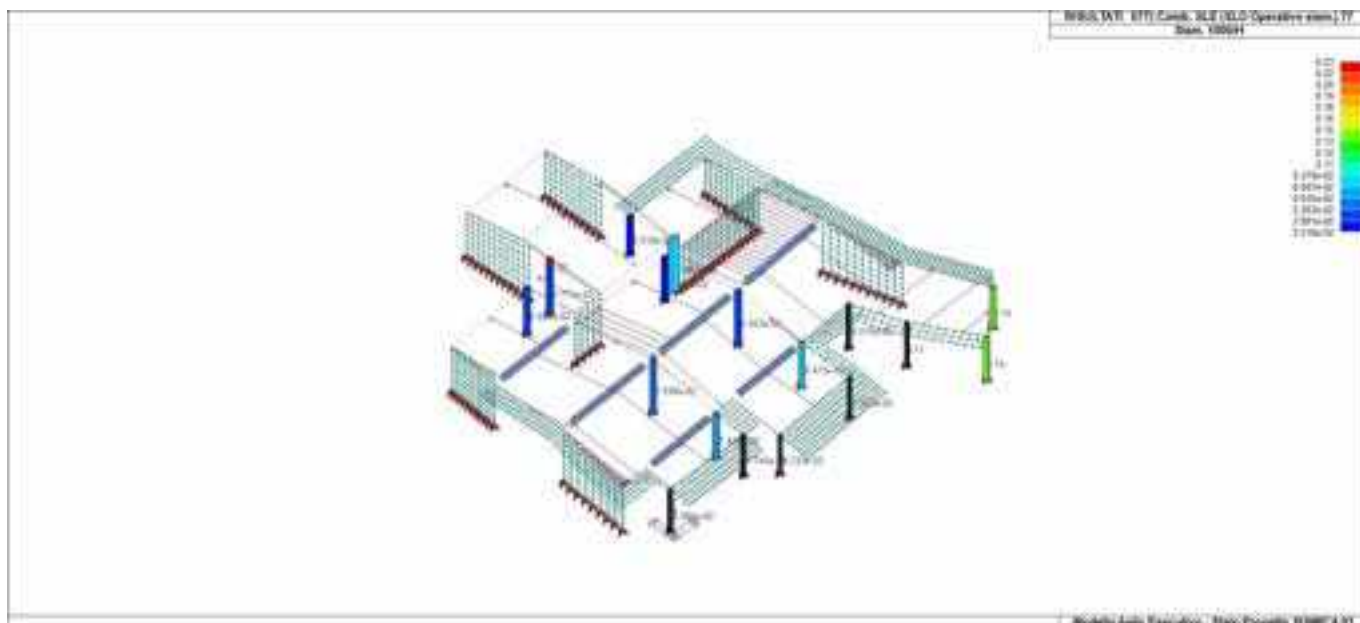
31\_RIS\_MODOX\_003\_CDCEd dinamico SLU alfa00 ecc +



31\_RIS\_MOD0Y\_009\_CDCEd dinamico SLU alfa9000 ecc +



31\_RIS\_SLE\_038\_Comb SLE SLD Danno sism 38



# RISULTATI NODALI

## LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	1	0.0	0.0	0.0	0.0	0.0	0.0
1	33	0.0	0.0	0.0	0.0	0.0	0.0
1	65	0.0	0.0	0.0	0.0	0.0	0.0
2	13	0.18	0.02	-9.03e-03	-1.76e-04	2.26e-03	-4.51e-05
2	45	0.09	8.84e-03	-6.32e-03	-1.48e-04	2.16e-03	-1.42e-05
2	77	0.08	8.19e-03	-6.11e-03	-1.46e-04	2.15e-03	-1.18e-05
3	1	0.0	0.0	0.0	0.0	0.0	0.0
3	33	0.0	0.0	0.0	0.0	0.0	0.0
3	65	0.0	0.0	0.0	0.0	0.0	0.0
4	13	0.18	-0.02	6.08e-03	7.99e-05	-1.88e-03	-8.26e-05
4	14	0.16	-0.02	7.79e-03	9.74e-05	-1.90e-03	-7.40e-05
4	15	-0.14	0.02	-0.01	-1.03e-04	-2.23e-03	2.45e-05
4	45	0.09	-8.55e-03	1.75e-03	3.66e-05	-1.98e-03	-5.23e-05
4	46	0.08	-9.93e-03	2.55e-03	4.48e-05	-1.98e-03	-4.83e-05
4	47	-0.07	6.68e-03	-6.97e-03	-5.08e-05	-2.14e-03	-1.23e-06
4	77	0.08	-7.97e-03	1.42e-03	3.33e-05	-1.98e-03	-5.00e-05
4	78	0.07	-9.24e-03	2.15e-03	4.08e-05	-1.99e-03	-4.63e-05
4	79	-0.06	5.99e-03	-6.57e-03	-4.68e-05	-2.14e-03	-3.20e-06
5	1	0.0	0.0	0.0	0.0	0.0	0.0
5	33	0.0	0.0	0.0	0.0	0.0	0.0
5	65	0.0	0.0	0.0	0.0	0.0	0.0
6	13	0.14	0.02	4.06e-04	-1.73e-04	2.60e-03	-1.15e-04
6	16	-0.13	-0.02	-0.01	1.16e-05	2.26e-03	8.52e-05
6	45	0.07	0.01	-2.44e-03	-1.25e-04	2.51e-03	-6.29e-05
6	48	-0.06	-0.01	-7.58e-03	-3.69e-05	2.35e-03	3.27e-05
6	77	0.06	9.33e-03	-2.65e-03	-1.21e-04	2.50e-03	-5.89e-05
6	80	-0.05	-9.36e-03	-7.37e-03	-4.06e-05	2.36e-03	2.87e-05
7	1	0.0	0.0	0.0	0.0	0.0	0.0
7	33	0.0	0.0	0.0	0.0	0.0	0.0
7	65	0.0	0.0	0.0	0.0	0.0	0.0
8	13	0.14	-0.03	-0.02	3.15e-04	-2.54e-03	-9.30e-05
8	14	0.13	-0.04	-0.03	3.50e-04	-2.55e-03	-7.95e-05
8	45	0.07	-0.02	-0.02	2.21e-04	-2.58e-03	-4.77e-05
8	46	0.06	-0.02	-0.02	2.38e-04	-2.58e-03	-4.13e-05
8	77	0.07	-0.02	-0.02	2.14e-04	-2.58e-03	-4.43e-05
8	78	0.06	-0.02	-0.02	2.29e-04	-2.58e-03	-3.84e-05
9	1	0.0	0.0	0.0	0.0	0.0	0.0
9	33	0.0	0.0	0.0	0.0	0.0	0.0
9	65	0.0	0.0	0.0	0.0	0.0	0.0
10	9	0.06	-0.04	-4.21e-03	-1.72e-04	-8.97e-05	-1.65e-04
10	14	0.06	-0.05	-4.17e-03	-1.72e-04	-7.67e-05	-1.46e-04
10	15	-0.07	0.03	-3.72e-03	-7.61e-05	-4.62e-04	1.06e-04
10	41	0.03	-0.02	-4.07e-03	-1.47e-04	-1.83e-04	-8.91e-05
10	46	0.03	-0.03	-4.06e-03	-1.47e-04	-1.77e-04	-8.02e-05
10	47	-0.03	0.01	-3.84e-03	-1.01e-04	-3.61e-04	3.99e-05
10	73	0.02	-0.02	-4.06e-03	-1.45e-04	-1.91e-04	-8.33e-05
10	78	0.03	-0.02	-4.05e-03	-1.45e-04	-1.85e-04	-7.52e-05
10	79	-0.03	9.40e-03	-3.85e-03	-1.03e-04	-3.53e-04	3.49e-05

11	1	0.0	0.0	0.0	0.0	0.0	0.0
11	33	0.0	0.0	0.0	0.0	0.0	0.0
11	65	0.0	0.0	0.0	0.0	0.0	0.0
12	1	0.0	0.0	0.0	0.0	0.0	0.0
12	33	0.0	0.0	0.0	0.0	0.0	0.0
12	65	0.0	0.0	0.0	0.0	0.0	0.0
13	7	-0.07	-3.21e-03	0.01	4.08e-04	-1.61e-04	-2.38e-05
13	13	0.05	0.02	-0.03	-2.79e-04	2.99e-04	-2.96e-05
13	14	0.06	0.02	-0.03	-3.81e-04	3.18e-04	-1.77e-05
13	39	-0.03	-1.19e-03	1.14e-03	2.08e-04	-3.82e-05	-1.60e-05
13	45	0.02	0.01	-0.02	-1.20e-04	1.81e-04	-1.86e-05
13	46	0.03	8.91e-03	-0.02	-1.67e-04	1.90e-04	-1.31e-05
13	71	-0.03	-1.04e-03	3.03e-04	1.93e-04	-2.88e-05	-1.54e-05
13	77	0.02	0.01	-0.02	-1.07e-04	1.72e-04	-1.78e-05
13	78	0.02	8.22e-03	-0.02	-1.51e-04	1.80e-04	-1.27e-05
14	1	0.0	0.0	0.0	0.0	0.0	0.0
14	33	0.0	0.0	0.0	0.0	0.0	0.0
14	65	0.0	0.0	0.0	0.0	0.0	0.0
15	7	-0.07	-1.52e-03	-0.03	4.38e-04	-2.82e-04	1.47e-05
15	15	-0.07	-0.01	-0.03	4.61e-04	-2.89e-04	-2.34e-06
15	16	-0.06	-0.02	-0.03	3.59e-04	-2.74e-04	-9.95e-06
15	39	-0.04	-1.16e-03	-0.02	2.40e-04	-1.82e-04	1.87e-05
15	47	-0.03	-6.52e-03	-0.02	2.50e-04	-1.86e-04	1.06e-05
15	48	-0.03	-9.72e-03	-0.02	2.03e-04	-1.78e-04	7.04e-06
15	71	-0.03	-1.13e-03	-0.02	2.24e-04	-1.75e-04	1.91e-05
15	79	-0.03	-6.04e-03	-0.02	2.34e-04	-1.78e-04	1.16e-05
15	80	-0.03	-8.97e-03	-0.02	1.91e-04	-1.71e-04	8.34e-06
16	7	-0.06	-3.52e-03	-9.93e-05	-1.07e-06	5.91e-05	1.49e-04
16	13	0.05	0.02	-2.23e-03	9.93e-05	4.25e-04	-1.57e-04
16	16	-0.05	-0.02	2.10e-04	-6.05e-05	-2.89e-05	2.93e-04
16	39	-0.03	-1.71e-03	-5.74e-04	9.64e-06	1.32e-04	1.06e-04
16	45	0.03	9.27e-03	-1.59e-03	5.72e-05	3.06e-04	-3.91e-05
16	48	-0.03	-9.39e-03	-4.28e-04	-1.84e-05	8.97e-05	1.75e-04
16	71	-0.03	-1.57e-03	-6.10e-04	1.05e-05	1.37e-04	1.03e-04
16	77	0.02	8.49e-03	-1.54e-03	5.41e-05	2.97e-04	-3.01e-05
16	80	-0.02	-8.60e-03	-4.77e-04	-1.52e-05	9.88e-05	1.66e-04
17	6	0.06	-0.02	-0.01	1.49e-04	1.36e-03	-1.38e-05
17	7	-0.07	0.01	-4.99e-03	1.54e-04	1.34e-03	-7.00e-05
17	26	0.03	-0.02	-0.01	1.71e-04	1.33e-03	-4.48e-05
17	38	0.03	-0.01	-9.82e-03	1.50e-04	1.35e-03	-2.85e-05
17	39	-0.03	2.48e-03	-6.73e-03	1.53e-04	1.34e-03	-5.53e-05
17	70	0.03	-0.01	-9.69e-03	1.51e-04	1.35e-03	-2.96e-05
17	71	-0.03	1.85e-03	-6.86e-03	1.53e-04	1.34e-03	-5.42e-05
18	6	0.05	-0.02	2.22e-03	1.03e-04	1.56e-03	3.95e-05
18	7	-0.06	0.01	-6.98e-03	1.00e-05	1.37e-03	1.25e-05
18	38	0.02	-8.02e-03	-1.97e-04	7.87e-05	1.51e-03	3.25e-05
18	39	-0.03	5.26e-03	-4.56e-03	3.46e-05	1.42e-03	1.95e-05
18	70	0.02	-7.46e-03	-3.81e-04	7.69e-05	1.51e-03	3.19e-05
18	71	-0.03	4.70e-03	-4.38e-03	3.64e-05	1.42e-03	2.01e-05
19	1	0.0	0.0	0.0	0.0	0.0	0.0
19	33	0.0	0.0	0.0	0.0	0.0	0.0
19	65	0.0	0.0	0.0	0.0	0.0	0.0
20	7	-0.06	-1.20e-03	-0.01	2.64e-05	-5.88e-04	-2.64e-05
20	16	-0.05	-0.02	-0.01	4.27e-05	-5.80e-04	-3.06e-05
20	39	-0.03	-1.22e-03	-0.01	4.61e-05	-5.79e-04	-1.06e-05
20	48	-0.03	-9.37e-03	-0.01	5.37e-05	-5.75e-04	-1.26e-05
20	71	-0.03	-1.22e-03	-0.01	4.75e-05	-5.78e-04	-9.40e-06
20	80	-0.03	-8.69e-03	-0.01	5.46e-05	-5.74e-04	-1.12e-05
21	1	0.0	0.0	0.0	0.0	0.0	0.0
21	33	0.0	0.0	0.0	0.0	0.0	0.0
21	65	0.0	0.0	0.0	0.0	0.0	0.0
22	6	0.07	-0.01	-9.52e-03	-1.03e-05	1.35e-03	2.20e-05
22	7	-0.07	0.02	-0.02	-1.05e-04	1.25e-03	1.43e-05
22	38	0.04	-5.47e-03	-0.01	-3.53e-05	1.33e-03	2.00e-05
22	39	-0.03	9.28e-03	-0.02	-8.05e-05	1.27e-03	1.63e-05
22	70	0.03	-4.85e-03	-0.01	-3.72e-05	1.32e-03	1.98e-05
22	71	-0.03	8.66e-03	-0.02	-7.86e-05	1.28e-03	1.65e-05
23	1	0.0	0.0	0.0	0.0	0.0	0.0
23	33	0.0	0.0	0.0	0.0	0.0	0.0
23	65	0.0	0.0	0.0	0.0	0.0	0.0
24	6	0.07	-0.03	-0.05	2.35e-05	-2.70e-04	-7.64e-06
24	7	-0.07	0.03	-0.04	-1.03e-04	-3.80e-04	-2.58e-05
24	26	0.03	-0.03	-0.05	4.64e-06	-2.85e-04	-2.96e-05
24	38	0.03	-0.01	-0.04	-9.69e-06	-2.99e-04	-1.24e-05
24	39	-0.03	0.02	-0.04	-6.99e-05	-2.11e-04	-2.27e-05
24	58	0.01	-0.01	-0.04	-1.89e-05	-3.06e-04	-2.27e-05
24	70	0.03	-0.01	-0.04	-1.22e-05	-3.01e-04	-1.27e-05

24	71	-0.03	0.01	-0.04	-6.74e-05	-3.49e-04	-2.07e-05
24	90	0.01	-0.01	-0.04	-2.07e-05	-3.08e-04	-2.22e-05
25	1	0.0	0.0	0.0	0.0	0.0	0.0
25	33	0.0	0.0	0.0	0.0	0.0	0.0
25	65	0.0	0.0	0.0	0.0	0.0	0.0
26	7	-0.06	0.03	-0.04	-1.16e-04	5.02e-05	-5.90e-05
26	19	-0.03	0.04	-0.04	-1.07e-04	6.94e-05	-2.68e-05
26	20	-0.01	-0.02	-0.05	-8.41e-05	4.07e-05	-1.47e-05
26	39	-0.03	0.02	-0.04	-1.02e-04	5.48e-05	-3.11e-05
26	51	-0.01	0.02	-0.04	-9.75e-05	6.38e-05	-1.57e-05
26	52	-8.22e-03	-9.16e-03	-0.04	-8.66e-05	5.05e-05	-9.95e-06
26	71	-0.03	0.01	-0.04	-1.00e-04	5.52e-05	-2.89e-05
26	83	-0.01	0.02	-0.04	-9.67e-05	6.34e-05	-1.48e-05
26	84	-7.80e-03	-8.34e-03	-0.04	-8.68e-05	5.12e-05	-9.58e-06
27	1	0.0	0.0	0.0	0.0	0.0	0.0
27	33	0.0	0.0	0.0	0.0	0.0	0.0
27	65	0.0	0.0	0.0	0.0	0.0	0.0
28	1	0.05	0.02	-0.01	1.38e-04	-9.07e-04	8.22e-05
28	7	-0.06	-9.27e-03	-0.02	1.05e-04	-1.02e-03	-7.59e-05
28	19	-0.01	6.17e-03	-0.02	9.59e-05	-9.54e-04	-2.56e-05
28	33	0.02	8.42e-03	-0.01	1.34e-04	-9.34e-04	4.26e-05
28	39	-0.03	-3.88e-03	-0.01	1.18e-04	-9.89e-04	-3.29e-05
28	51	-9.67e-03	3.41e-03	-0.01	1.14e-04	-9.76e-04	-8.88e-06
28	65	0.02	7.80e-03	-0.01	1.33e-04	-9.36e-04	3.96e-05
28	71	-0.03	-3.47e-03	-0.01	1.19e-04	-9.86e-04	-2.96e-05
28	83	-9.36e-03	3.21e-03	-0.01	1.15e-04	-9.74e-04	-7.60e-06
29	1	0.0	0.0	0.0	0.0	0.0	0.0
29	33	0.0	0.0	0.0	0.0	0.0	0.0
29	65	0.0	0.0	0.0	0.0	0.0	0.0
30	6	0.05	-0.02	-0.01	1.78e-04	1.07e-03	-1.43e-04
30	7	-0.06	0.01	-4.72e-03	1.18e-04	9.59e-04	-1.70e-04
30	38	0.02	-7.98e-03	-0.01	1.62e-04	1.04e-03	-1.50e-04
30	39	-0.03	6.16e-03	-6.70e-03	1.34e-04	9.87e-04	-1.63e-04
30	70	0.02	-7.38e-03	-0.01	1.61e-04	1.04e-03	-1.51e-04
30	71	-0.03	5.57e-03	-6.85e-03	1.35e-04	9.89e-04	-1.62e-04
31	7	-0.05	0.03	-0.03	5.28e-04	-2.88e-04	8.53e-05
31	27	-0.02	0.03	-0.02	4.75e-04	-1.70e-04	9.10e-05
31	39	-0.03	0.02	-0.02	4.34e-04	-1.82e-04	7.69e-05
31	59	-0.01	0.02	-0.02	4.08e-04	-1.26e-04	7.96e-05
31	71	-0.02	0.02	-0.02	4.27e-04	-1.74e-04	7.63e-05
31	91	-0.01	0.02	-0.02	4.03e-04	-1.22e-04	7.87e-05
32	7	-0.06	-2.68e-03	-2.43e-05	3.30e-05	3.72e-05	-1.09e-06
32	13	0.04	0.02	-2.07e-03	3.81e-05	2.42e-04	3.26e-05
32	39	-0.03	-9.80e-04	-4.79e-04	1.79e-05	8.01e-05	8.72e-06
32	45	0.02	0.01	-1.46e-03	2.04e-05	1.78e-04	2.47e-05
32	71	-0.03	-8.50e-04	-5.14e-04	1.68e-05	8.34e-05	9.46e-06
32	77	0.01	0.01	-1.41e-03	1.91e-05	1.73e-04	2.41e-05
33	5	0.07	0.05	-0.39	-4.63e-04	1.84e-03	1.76e-04
33	7	-0.07	0.08	-0.34	-5.45e-04	2.05e-03	2.27e-04
33	8	-0.08	0.07	-0.33	-5.23e-04	2.01e-03	2.07e-04
33	37	0.03	0.05	-0.38	-4.79e-04	1.89e-03	1.84e-04
33	39	-0.04	0.07	-0.35	-5.18e-04	1.99e-03	2.08e-04
33	40	-0.04	0.06	-0.34	-5.07e-04	1.97e-03	1.99e-04
33	69	0.03	0.05	-0.37	-4.80e-04	1.89e-03	1.84e-04
33	71	-0.04	0.07	-0.35	-5.16e-04	1.98e-03	2.07e-04
33	72	-0.04	0.06	-0.35	-5.06e-04	1.96e-03	1.98e-04
34	1	0.0	0.0	0.0	0.0	0.0	0.0
34	33	0.0	0.0	0.0	0.0	0.0	0.0
34	65	0.0	0.0	0.0	0.0	0.0	0.0
35	1	0.0	0.0	0.0	0.0	0.0	0.0
35	33	0.0	0.0	0.0	0.0	0.0	0.0
35	65	0.0	0.0	0.0	0.0	0.0	0.0
36	1	0.01	0.01	-4.07e-03	1.81e-04	1.80e-05	1.04e-04
36	5	0.01	0.01	-4.14e-03	1.81e-04	1.77e-05	1.03e-04
36	10	0.01	4.83e-03	-4.69e-03	1.95e-04	-8.37e-06	9.87e-05
36	33	6.54e-03	5.23e-03	-3.30e-03	1.95e-04	-2.46e-05	7.16e-05
36	37	6.58e-03	5.11e-03	-3.33e-03	1.96e-04	-2.47e-05	7.12e-05
36	42	5.45e-03	2.51e-03	-3.59e-03	2.02e-04	-3.68e-05	6.91e-05
36	65	6.05e-03	4.82e-03	-3.24e-03	1.97e-04	-2.78e-05	6.91e-05
36	69	6.08e-03	4.71e-03	-3.27e-03	1.97e-04	-2.79e-05	6.87e-05
36	74	5.05e-03	2.33e-03	-3.50e-03	2.03e-04	-3.90e-05	6.68e-05
37	1	0.0	0.0	0.0	0.0	0.0	0.0
37	33	0.0	0.0	0.0	0.0	0.0	0.0
37	65	0.0	0.0	0.0	0.0	0.0	0.0
38	1	0.01	0.01	-0.01	-2.13e-04	-1.01e-03	2.54e-05
38	25	0.02	0.01	-0.01	-2.17e-04	-1.03e-03	-3.89e-05
38	33	7.78e-03	6.51e-03	-0.01	-1.92e-04	-1.05e-03	1.21e-05

38	57	0.01	6.10e-03	-9.85e-03	-1.94e-04	-1.06e-03	-1.82e-05
38	65	7.33e-03	6.19e-03	-0.01	-1.91e-04	-1.05e-03	1.11e-05
38	89	9.98e-03	5.80e-03	-9.70e-03	-1.92e-04	-1.07e-03	-1.66e-05
39	1	0.0	0.0	0.0	0.0	0.0	0.0
39	33	0.0	0.0	0.0	0.0	0.0	0.0
39	65	0.0	0.0	0.0	0.0	0.0	0.0
40	6	0.06	-0.01	-5.41e-03	1.21e-04	1.69e-03	3.17e-04
40	7	-0.07	0.01	3.11e-03	4.88e-05	1.45e-03	2.86e-04
40	8	-0.08	0.01	1.91e-03	5.62e-05	1.40e-03	2.68e-04
40	38	0.03	-4.39e-03	-3.18e-03	1.02e-04	1.63e-03	3.09e-04
40	39	-0.03	7.76e-03	8.74e-04	6.76e-05	1.51e-03	2.94e-04
40	40	-0.04	6.77e-03	3.16e-04	7.11e-05	1.49e-03	2.86e-04
40	70	0.03	-3.88e-03	-3.01e-03	1.00e-04	1.62e-03	3.09e-04
40	71	-0.03	7.25e-03	7.03e-04	6.91e-05	1.52e-03	2.95e-04
40	72	-0.04	6.34e-03	1.93e-04	7.22e-05	1.50e-03	2.87e-04
41	1	0.0	0.0	0.0	0.0	0.0	0.0
41	33	0.0	0.0	0.0	0.0	0.0	0.0
41	65	0.0	0.0	0.0	0.0	0.0	0.0
42	7	-0.08	0.03	-0.03	-2.28e-04	-1.75e-04	-7.63e-06
42	27	-0.04	0.03	-0.03	-2.38e-04	2.84e-05	2.66e-05
42	39	-0.04	0.02	-0.03	-2.20e-04	-1.63e-04	-5.01e-06
42	59	-0.02	0.01	-0.03	-2.25e-04	-6.73e-05	1.11e-05
42	71	-0.04	0.01	-0.03	-2.19e-04	-1.62e-04	-4.81e-06
42	91	-0.02	0.01	-0.03	-2.23e-04	-7.44e-05	9.98e-06
43	1	0.0	0.0	0.0	0.0	0.0	0.0
43	33	0.0	0.0	0.0	0.0	0.0	0.0
43	65	0.0	0.0	0.0	0.0	0.0	0.0
44	7	-0.09	0.03	-0.02	-6.42e-05	-7.54e-04	-9.10e-05
44	18	0.03	-0.04	-0.02	-5.19e-05	-5.93e-04	-2.86e-05
44	19	-0.03	0.03	-0.02	-8.69e-05	-7.81e-04	-7.60e-05
44	39	-0.04	0.01	-0.02	-6.69e-05	-7.18e-04	-7.07e-05
44	50	0.02	-0.02	-0.02	-6.12e-05	-6.44e-04	-4.12e-05
44	51	-0.02	0.01	-0.02	-7.75e-05	-7.31e-04	-6.34e-05
44	71	-0.04	0.01	-0.02	-6.71e-05	-7.16e-04	-6.92e-05
44	82	0.01	-0.02	-0.02	-6.19e-05	-6.47e-04	-4.21e-05
44	83	-0.02	0.01	-0.02	-7.68e-05	-7.27e-04	-6.25e-05
45	1	0.0	0.0	0.0	0.0	0.0	0.0
45	33	0.0	0.0	0.0	0.0	0.0	0.0
45	65	0.0	0.0	0.0	0.0	0.0	0.0
46	4	-0.08	-0.03	-8.02e-03	2.51e-04	-2.42e-04	-1.09e-04
46	7	-0.09	-0.02	-6.14e-03	2.35e-04	-2.79e-04	-1.27e-04
46	18	0.03	-7.20e-04	-0.01	1.61e-04	7.18e-05	6.50e-05
46	36	-0.04	-0.01	-8.09e-03	2.02e-04	-1.44e-04	-5.23e-05
46	39	-0.04	-0.01	-7.22e-03	1.95e-04	-1.61e-04	-6.09e-05
46	50	0.02	-6.85e-04	-9.87e-03	1.59e-04	5.76e-06	3.05e-05
46	68	-0.04	-0.01	-8.10e-03	1.99e-04	-1.36e-04	-4.80e-05
46	71	-0.04	-0.01	-7.30e-03	1.92e-04	-1.52e-04	-5.58e-05
46	82	0.01	-6.94e-04	-9.73e-03	1.59e-04	0.0	2.79e-05
47	1	0.0	0.0	0.0	0.0	0.0	0.0
47	33	0.0	0.0	0.0	0.0	0.0	0.0
47	65	0.0	0.0	0.0	0.0	0.0	0.0
48	7	-0.07	0.04	-0.01	-1.33e-03	9.30e-04	8.23e-05
48	8	-0.09	0.03	-0.01	-1.27e-03	8.98e-04	6.63e-05
48	25	0.04	0.02	-0.01	-1.58e-03	1.17e-03	1.28e-04
48	39	-0.04	0.03	-0.01	-1.39e-03	1.00e-03	8.91e-05
48	40	-0.04	0.02	-0.01	-1.36e-03	9.87e-04	8.17e-05
48	57	0.01	0.02	-0.01	-1.51e-03	1.12e-03	1.11e-04
48	71	-0.04	0.03	-0.01	-1.39e-03	1.01e-03	8.97e-05
48	72	-0.04	0.02	-0.01	-1.37e-03	9.94e-04	8.28e-05
48	89	0.01	0.02	-0.01	-1.50e-03	1.11e-03	1.10e-04
49	1	0.0	0.0	0.0	0.0	0.0	0.0
49	33	0.0	0.0	0.0	0.0	0.0	0.0
49	65	0.0	0.0	0.0	0.0	0.0	0.0
50	7	-0.07	0.03	-6.14e-03	3.38e-04	-6.26e-04	-1.50e-04
50	8	-0.09	0.02	-5.95e-03	3.66e-04	-6.63e-04	-1.77e-04
50	39	-0.04	0.02	-5.88e-03	3.85e-04	-5.91e-04	-1.46e-04
50	40	-0.04	9.00e-03	-5.79e-03	3.98e-04	-6.09e-04	-1.58e-04
50	71	-0.04	0.01	-5.86e-03	3.88e-04	-5.89e-04	-1.45e-04
50	72	-0.04	8.29e-03	-5.78e-03	4.00e-04	-6.04e-04	-1.57e-04
51	1	0.0	0.0	0.0	0.0	0.0	0.0
51	33	0.0	0.0	0.0	0.0	0.0	0.0
51	65	0.0	0.0	0.0	0.0	0.0	0.0
52	7	-0.10	0.03	-0.02	5.08e-04	-9.07e-04	-8.76e-05
52	18	0.04	-0.04	-0.02	4.84e-04	-6.77e-04	-1.12e-04
52	25	6.64e-04	0.02	-0.02	5.96e-04	-8.92e-04	-4.18e-05
52	39	-0.05	0.01	-0.02	5.18e-04	-8.52e-04	-8.42e-05
52	50	0.01	-0.02	-0.02	5.07e-04	-7.43e-04	-9.55e-05

52	57	-2.68e-03	7.92e-03	-0.02	5.60e-04	-8.44e-04	-6.28e-05
52	71	-0.05	0.01	-0.02	5.19e-04	-8.47e-04	-8.40e-05
52	82	0.01	-0.02	-0.02	5.09e-04	-7.48e-04	-9.43e-05
52	89	-2.96e-03	7.08e-03	-0.02	5.57e-04	-8.40e-04	-6.44e-05
53	1	0.0	0.0	0.0	0.0	0.0	0.0
53	33	0.0	0.0	0.0	0.0	0.0	0.0
53	65	0.0	0.0	0.0	0.0	0.0	0.0
54	6	0.09	-0.03	-0.01	4.28e-05	1.14e-03	2.17e-04
54	7	-0.09	0.03	-0.01	6.21e-05	9.31e-04	4.74e-05
54	25	1.73e-03	0.02	-0.01	-9.62e-05	1.17e-03	1.23e-04
54	38	0.04	-0.02	-0.01	4.77e-05	1.09e-03	1.73e-04
54	39	-0.05	0.01	-0.01	5.71e-05	9.86e-04	9.19e-05
54	57	-1.18e-03	7.52e-03	-0.01	-1.77e-05	1.10e-03	1.29e-04
54	70	0.04	-0.01	-0.01	4.82e-05	1.08e-03	1.69e-04
54	71	-0.04	0.01	-0.01	5.67e-05	9.90e-04	9.53e-05
54	89	-1.42e-03	6.84e-03	-0.01	-1.17e-05	1.09e-03	1.29e-04
55	1	0.0	0.0	0.0	0.0	0.0	0.0
55	33	0.0	0.0	0.0	0.0	0.0	0.0
55	65	0.0	0.0	0.0	0.0	0.0	0.0
56	3	-0.09	-4.37e-03	-0.02	1.45e-04	9.75e-05	-6.83e-05
56	7	-0.09	-4.94e-03	-0.02	1.45e-04	9.70e-05	-6.81e-05
56	20	-0.02	-0.03	-0.01	1.69e-04	2.23e-04	2.11e-05
56	35	-0.04	-2.93e-03	-0.02	1.39e-04	1.41e-04	-2.76e-05
56	39	-0.04	-3.20e-03	-0.02	1.39e-04	1.41e-04	-2.75e-05
56	52	-7.68e-03	-0.01	-0.01	1.50e-04	1.99e-04	1.47e-05
56	67	-0.04	-2.82e-03	-0.02	1.39e-04	1.44e-04	-2.45e-05
56	71	-0.04	-3.06e-03	-0.02	1.38e-04	1.44e-04	-2.44e-05
56	84	-7.06e-03	-0.01	-0.01	1.48e-04	1.97e-04	1.42e-05
57	1	0.0	0.0	0.0	0.0	0.0	0.0
57	33	0.0	0.0	0.0	0.0	0.0	0.0
57	65	0.0	0.0	0.0	0.0	0.0	0.0
58	6	0.12	1.47e-03	-0.01	3.12e-05	1.90e-04	1.40e-04
58	24	-0.01	-0.02	-0.01	1.32e-04	1.16e-05	3.04e-05
58	27	-0.05	0.01	-0.02	1.95e-04	-1.28e-04	-7.91e-05
58	38	0.06	5.30e-05	-0.02	8.66e-05	8.49e-05	6.82e-05
58	56	-4.39e-03	-0.01	-0.02	1.35e-04	0.0	1.53e-05
58	59	-0.02	5.04e-03	-0.02	1.64e-04	-6.57e-05	-3.60e-05
58	70	0.05	-5.66e-05	-0.02	9.08e-05	7.69e-05	6.26e-05
58	88	-3.94e-03	-9.70e-03	-0.02	1.35e-04	-1.72e-06	1.42e-05
58	91	-0.02	4.51e-03	-0.02	1.62e-04	-6.10e-05	-3.28e-05
59	1	0.0	0.0	0.0	0.0	0.0	0.0
59	33	0.0	0.0	0.0	0.0	0.0	0.0
59	65	0.0	0.0	0.0	0.0	0.0	0.0
60	4	-0.14	-0.03	-5.33e-03	-3.45e-04	-4.91e-04	-4.32e-05
60	6	0.16	0.02	-4.58e-03	-4.46e-04	4.03e-05	7.73e-05
60	8	-0.14	-0.03	-5.33e-03	-3.45e-04	-4.88e-04	-4.39e-05
60	36	-0.07	-0.01	-5.11e-03	-3.74e-04	-3.61e-04	-1.69e-05
60	38	0.08	0.01	-4.75e-03	-4.22e-04	-1.07e-04	4.06e-05
60	40	-0.06	-0.01	-5.11e-03	-3.74e-04	-3.60e-04	-1.73e-05
60	68	-0.06	-0.01	-5.09e-03	-3.76e-04	-3.51e-04	-1.49e-05
60	70	0.07	9.43e-03	-4.76e-03	-4.20e-04	-1.19e-04	3.78e-05
60	72	-0.06	-0.01	-5.09e-03	-3.76e-04	-3.50e-04	-1.52e-05
61	1	0.0	0.0	0.0	0.0	0.0	0.0
61	33	0.0	0.0	0.0	0.0	0.0	0.0
61	65	0.0	0.0	0.0	0.0	0.0	0.0
62	5	0.12	0.05	-8.39e-03	-6.19e-04	-1.19e-04	1.06e-04
62	6	0.14	0.05	-8.82e-03	-6.75e-04	-8.50e-05	1.31e-04
62	18	0.06	8.83e-03	-9.03e-03	-6.84e-04	-2.55e-04	9.87e-05
62	37	0.06	0.03	-8.23e-03	-5.84e-04	-2.60e-04	6.53e-05
62	38	0.07	0.02	-8.43e-03	-6.10e-04	-2.44e-04	7.69e-05
62	50	0.03	4.96e-03	-8.52e-03	-6.13e-04	-3.26e-04	6.14e-05
62	69	0.06	0.02	-8.22e-03	-5.81e-04	-2.71e-04	6.22e-05
62	70	0.06	0.02	-8.40e-03	-6.05e-04	-2.56e-04	7.28e-05
62	82	0.03	4.66e-03	-8.48e-03	-6.08e-04	-3.32e-04	5.86e-05
63	1	0.0	0.0	0.0	0.0	0.0	0.0
63	33	0.0	0.0	0.0	0.0	0.0	0.0
63	65	0.0	0.0	0.0	0.0	0.0	0.0
64	7	-0.03	0.03	-0.01	3.05e-04	-1.87e-04	-2.13e-05
64	19	-0.01	0.04	-0.01	2.75e-04	-2.36e-04	0.0
64	39	-0.02	0.02	-0.01	3.00e-04	-2.29e-04	0.0
64	51	-6.63e-03	0.02	-0.01	2.86e-04	-2.52e-04	9.91e-06
64	71	-0.01	0.02	-0.01	3.00e-04	-2.32e-04	0.0
64	83	-6.19e-03	0.02	-0.01	2.87e-04	-2.53e-04	1.06e-05
65	1	0.0	0.0	0.0	0.0	0.0	0.0
65	33	0.0	0.0	0.0	0.0	0.0	0.0
65	65	0.0	0.0	0.0	0.0	0.0	0.0
66	7	-0.02	0.03	-8.62e-03	-1.17e-04	-1.15e-04	-1.05e-04

66	8	-0.02	0.02	-9.47e-03	-1.01e-04	-1.06e-04	-7.98e-05
66	19	-9.72e-03	0.04	-2.42e-03	-1.44e-04	-3.70e-05	-1.00e-04
66	39	-0.01	0.02	-4.76e-03	-1.18e-04	-4.97e-05	-7.33e-05
66	40	-0.01	0.01	-5.16e-03	-1.10e-04	-4.53e-05	-6.15e-05
66	51	-5.03e-03	0.02	-1.81e-03	-1.31e-04	-1.23e-05	-7.06e-05
66	71	-0.01	0.02	-4.47e-03	-1.18e-04	-4.46e-05	-7.09e-05
66	72	-0.01	0.01	-4.83e-03	-1.11e-04	-4.07e-05	-6.01e-05
66	83	-4.67e-03	0.02	-1.76e-03	-1.30e-04	-1.05e-05	-6.84e-05
67	7	-0.08	0.05	-0.14	-4.34e-04	1.57e-03	1.82e-04
67	29	4.87e-04	0.03	-0.19	-4.54e-04	1.84e-03	1.93e-04
67	39	-0.04	0.03	-0.14	-4.13e-04	1.57e-03	1.67e-04
67	61	-1.08e-03	0.02	-0.16	-4.22e-04	1.69e-03	1.72e-04
67	71	-0.04	0.03	-0.14	-4.12e-04	1.57e-03	1.66e-04
67	93	-1.21e-03	0.02	-0.16	-4.20e-04	1.68e-03	1.71e-04
68	1	0.0	0.0	0.0	0.0	0.0	0.0
68	33	0.0	0.0	0.0	0.0	0.0	0.0
68	65	0.0	0.0	0.0	0.0	0.0	0.0
69	8	-9.48e-03	0.02	-9.21e-03	-4.26e-05	9.18e-04	-9.33e-05
69	19	0.01	0.04	-8.63e-03	-9.99e-05	1.01e-03	-9.53e-05
69	29	0.02	0.03	-8.40e-03	-1.11e-04	1.07e-03	-7.02e-05
69	40	-3.51e-03	0.01	-8.97e-03	-5.75e-05	9.69e-04	-7.19e-05
69	51	7.75e-03	0.02	-8.70e-03	-8.41e-05	1.01e-03	-7.24e-05
69	61	9.80e-03	0.02	-8.60e-03	-8.92e-05	1.04e-03	-6.04e-05
69	72	-3.08e-03	0.01	-8.96e-03	-5.86e-05	9.73e-04	-7.02e-05
69	83	7.23e-03	0.02	-8.71e-03	-8.29e-05	1.01e-03	-7.07e-05
69	93	9.11e-03	0.01	-8.61e-03	-8.76e-05	1.04e-03	-5.97e-05
70	1	0.01	8.69e-03	-2.74e-03	-5.08e-05	2.93e-05	-4.29e-05
70	5	0.01	8.50e-03	-2.80e-03	-4.91e-05	2.92e-05	-4.24e-05
70	10	8.55e-03	4.29e-03	-3.38e-03	-1.35e-05	3.28e-05	-1.20e-05
70	33	5.03e-03	4.60e-03	-2.04e-03	-1.79e-05	1.27e-05	-2.33e-05
70	37	5.06e-03	4.51e-03	-2.07e-03	-1.71e-05	1.26e-05	-2.31e-05
70	42	4.18e-03	2.53e-03	-2.34e-03	0.0	1.43e-05	-8.78e-06
70	65	4.62e-03	4.29e-03	-1.99e-03	-1.54e-05	1.14e-05	-2.18e-05
70	69	4.65e-03	4.21e-03	-2.02e-03	-1.47e-05	1.14e-05	-2.16e-05
70	74	3.84e-03	2.40e-03	-2.26e-03	0.0	1.29e-05	-8.53e-06
71	1	9.65e-03	8.53e-03	-2.56e-03	3.45e-05	3.86e-05	2.77e-05
71	5	9.69e-03	8.35e-03	-2.57e-03	3.44e-05	3.87e-05	2.75e-05
71	10	7.69e-03	4.24e-03	-2.81e-03	3.76e-05	2.73e-05	3.19e-05
71	33	4.86e-03	4.54e-03	-1.76e-03	2.29e-05	1.54e-05	1.03e-05
71	37	4.89e-03	4.45e-03	-1.76e-03	2.28e-05	1.55e-05	1.01e-05
71	42	3.95e-03	2.53e-03	-1.87e-03	2.41e-05	1.02e-05	1.20e-05
71	65	4.50e-03	4.24e-03	-1.70e-03	2.20e-05	1.37e-05	8.93e-06
71	69	4.52e-03	4.16e-03	-1.70e-03	2.19e-05	1.38e-05	8.80e-06
71	74	3.66e-03	2.40e-03	-1.80e-03	2.31e-05	8.85e-06	1.05e-05
72	1	0.01	9.69e-03	-2.65e-03	3.16e-05	3.70e-05	-3.59e-05
72	5	0.01	9.46e-03	-2.66e-03	3.24e-05	3.71e-05	-3.60e-05
72	10	8.86e-03	4.52e-03	-2.91e-03	4.13e-05	1.99e-05	-1.90e-06
72	33	5.52e-03	4.94e-03	-1.80e-03	2.97e-05	6.46e-06	-1.18e-05
72	37	5.55e-03	4.83e-03	-1.80e-03	3.01e-05	6.51e-06	-1.19e-05
72	42	4.36e-03	2.51e-03	-1.92e-03	3.42e-05	-1.49e-06	4.18e-06
72	65	5.08e-03	4.58e-03	-1.73e-03	2.96e-05	4.14e-06	-1.00e-05
72	69	5.10e-03	4.48e-03	-1.74e-03	2.99e-05	4.19e-06	-1.01e-05
72	74	4.01e-03	2.36e-03	-1.84e-03	3.37e-05	-3.14e-06	4.65e-06
73	1	8.85e-03	7.10e-03	-2.26e-03	-3.00e-05	3.49e-05	1.16e-05
73	5	8.91e-03	6.95e-03	-2.33e-03	-2.92e-05	3.50e-05	1.18e-05
73	10	7.31e-03	3.60e-03	-2.87e-03	-1.37e-05	2.77e-05	1.77e-05
73	33	4.27e-03	3.80e-03	-1.61e-03	-1.61e-05	1.66e-05	-1.38e-06
73	37	4.30e-03	3.73e-03	-1.64e-03	-1.58e-05	1.67e-05	-1.28e-06
73	42	3.55e-03	2.16e-03	-1.89e-03	-8.50e-06	1.32e-05	1.36e-06
73	65	3.92e-03	3.55e-03	-1.56e-03	-1.51e-05	1.52e-05	-2.38e-06
73	69	3.95e-03	3.49e-03	-1.59e-03	-1.47e-05	1.53e-05	-2.29e-06
73	74	3.26e-03	2.05e-03	-1.82e-03	-8.09e-06	1.21e-05	0.0
74	1	8.34e-03	7.05e-03	-2.22e-03	-1.96e-05	2.99e-05	1.43e-05
74	5	8.38e-03	6.90e-03	-2.24e-03	-1.96e-05	3.01e-05	1.41e-05
74	10	6.73e-03	3.59e-03	-2.50e-03	2.62e-06	2.25e-05	1.83e-05
74	33	4.32e-03	3.79e-03	-1.53e-03	-6.67e-06	1.27e-05	0.0
74	37	4.34e-03	3.72e-03	-1.54e-03	-6.68e-06	1.28e-05	0.0
74	42	3.56e-03	2.17e-03	-1.66e-03	3.79e-06	9.28e-06	0.0
74	65	4.01e-03	3.54e-03	-1.48e-03	-5.71e-06	1.14e-05	-1.94e-06
74	69	4.03e-03	3.48e-03	-1.49e-03	-5.72e-06	1.15e-05	-2.01e-06
74	74	3.32e-03	2.06e-03	-1.59e-03	3.87e-06	8.26e-06	0.0
75	1	7.44e-03	5.73e-03	-1.94e-03	-3.52e-05	3.44e-05	8.66e-06
75	5	7.49e-03	5.61e-03	-2.00e-03	-3.44e-05	3.46e-05	8.86e-06
75	10	6.16e-03	2.93e-03	-2.49e-03	-1.71e-05	2.80e-05	1.29e-05
75	33	3.60e-03	3.06e-03	-1.33e-03	-1.93e-05	1.64e-05	-3.04e-06
75	37	3.62e-03	3.00e-03	-1.36e-03	-1.90e-05	1.65e-05	-2.96e-06
75	42	3.00e-03	1.75e-03	-1.58e-03	-1.09e-05	1.34e-05	-1.18e-06

75	65	3.30e-03	2.86e-03	-1.28e-03	-1.81e-05	1.50e-05	-3.94e-06
75	69	3.33e-03	2.81e-03	-1.31e-03	-1.78e-05	1.51e-05	-3.87e-06
75	74	2.75e-03	1.65e-03	-1.51e-03	-1.04e-05	1.23e-05	-2.24e-06
76	1	7.08e-03	5.69e-03	-1.88e-03	-2.62e-05	3.42e-05	8.64e-06
76	5	7.11e-03	5.57e-03	-1.91e-03	-2.63e-05	3.44e-05	8.53e-06
76	10	5.77e-03	2.93e-03	-2.16e-03	-5.11e-06	2.63e-05	1.12e-05
76	33	3.75e-03	3.05e-03	-1.29e-03	-1.20e-05	1.63e-05	-5.22e-06
76	37	3.76e-03	3.00e-03	-1.30e-03	-1.21e-05	1.64e-05	-5.28e-06
76	42	3.14e-03	1.76e-03	-1.42e-03	-2.07e-06	1.26e-05	-4.17e-06
76	65	3.49e-03	2.85e-03	-1.24e-03	-1.10e-05	1.50e-05	-6.29e-06
76	69	3.51e-03	2.81e-03	-1.26e-03	-1.10e-05	1.50e-05	-6.34e-06
76	74	2.93e-03	1.67e-03	-1.36e-03	-1.84e-06	1.15e-05	-5.33e-06
77	1	6.02e-03	4.41e-03	-1.65e-03	-3.18e-05	3.59e-05	9.05e-06
77	5	6.06e-03	4.32e-03	-1.70e-03	-3.11e-05	3.61e-05	9.18e-06
77	10	5.00e-03	2.26e-03	-2.14e-03	-1.60e-05	2.94e-05	1.09e-05
77	33	2.93e-03	2.33e-03	-1.09e-03	-1.79e-05	1.74e-05	-1.83e-06
77	37	2.95e-03	2.29e-03	-1.12e-03	-1.76e-05	1.75e-05	-1.78e-06
77	42	2.44e-03	1.33e-03	-1.32e-03	-1.05e-05	1.44e-05	-1.08e-06
77	65	2.69e-03	2.17e-03	-1.05e-03	-1.68e-05	1.60e-05	-2.67e-06
77	69	2.71e-03	2.14e-03	-1.07e-03	-1.65e-05	1.61e-05	-2.63e-06
77	74	2.25e-03	1.25e-03	-1.26e-03	-1.01e-05	1.32e-05	-1.98e-06
78	1	5.66e-03	4.39e-03	-1.56e-03	-2.93e-05	3.78e-05	6.98e-06
78	5	5.69e-03	4.30e-03	-1.59e-03	-2.93e-05	3.80e-05	6.90e-06
78	10	4.67e-03	2.28e-03	-1.82e-03	-9.12e-06	3.01e-05	8.15e-06
78	33	3.04e-03	2.34e-03	-1.06e-03	-1.51e-05	1.95e-05	-5.32e-06
78	37	3.05e-03	2.30e-03	-1.07e-03	-1.51e-05	1.96e-05	-5.37e-06
78	42	2.58e-03	1.35e-03	-1.18e-03	-5.59e-06	1.59e-05	-4.88e-06
78	65	2.84e-03	2.18e-03	-1.02e-03	-1.40e-05	1.82e-05	-6.27e-06
78	69	2.85e-03	2.14e-03	-1.03e-03	-1.41e-05	1.82e-05	-6.31e-06
78	74	2.42e-03	1.28e-03	-1.13e-03	-5.32e-06	1.49e-05	-5.87e-06
79	1	4.56e-03	3.16e-03	-1.36e-03	-3.09e-05	3.80e-05	1.05e-05
79	5	4.59e-03	3.09e-03	-1.40e-03	-3.02e-05	3.83e-05	1.05e-05
79	10	3.79e-03	1.62e-03	-1.77e-03	-1.58e-05	3.15e-05	1.05e-05
79	33	2.23e-03	1.65e-03	-8.72e-04	-1.73e-05	1.87e-05	0.0
79	37	2.25e-03	1.62e-03	-8.92e-04	-1.70e-05	1.89e-05	0.0
79	42	1.87e-03	9.26e-04	-1.06e-03	-1.02e-05	1.57e-05	0.0
79	65	2.06e-03	1.53e-03	-8.35e-04	-1.62e-05	1.73e-05	0.0
79	69	2.07e-03	1.50e-03	-8.53e-04	-1.59e-05	1.74e-05	0.0
79	74	1.72e-03	8.72e-04	-1.01e-03	-9.74e-06	1.44e-05	0.0
80	1	4.12e-03	3.16e-03	-1.22e-03	-2.96e-05	4.05e-05	9.20e-06
80	5	4.13e-03	3.10e-03	-1.25e-03	-2.95e-05	4.07e-05	9.10e-06
80	10	3.43e-03	1.65e-03	-1.44e-03	-1.19e-05	3.30e-05	8.99e-06
80	33	2.22e-03	1.66e-03	-8.22e-04	-1.61e-05	2.19e-05	-1.84e-06
80	37	2.23e-03	1.63e-03	-8.33e-04	-1.61e-05	2.19e-05	-1.90e-06
80	42	1.90e-03	9.54e-04	-9.23e-04	-7.82e-06	1.83e-05	-2.02e-06
80	65	2.08e-03	1.55e-03	-7.91e-04	-1.51e-05	2.04e-05	-2.69e-06
80	69	2.09e-03	1.52e-03	-8.01e-04	-1.51e-05	2.05e-05	-2.74e-06
80	74	1.78e-03	9.00e-04	-8.83e-04	-7.52e-06	1.72e-05	-2.85e-06
81	1	3.05e-03	2.00e-03	-1.03e-03	-2.71e-05	3.70e-05	1.27e-05
81	5	3.07e-03	1.96e-03	-1.06e-03	-2.65e-05	3.73e-05	1.26e-05
81	10	2.54e-03	1.03e-03	-1.34e-03	-1.39e-05	3.08e-05	1.22e-05
81	33	1.51e-03	1.02e-03	-6.41e-04	-1.50e-05	1.85e-05	3.93e-06
81	37	1.52e-03	1.00e-03	-6.56e-04	-1.47e-05	1.86e-05	3.89e-06
81	42	1.27e-03	5.65e-04	-7.84e-04	-8.75e-06	1.56e-05	3.63e-06
81	65	1.39e-03	9.45e-04	-6.12e-04	-1.40e-05	1.71e-05	3.25e-06
81	69	1.40e-03	9.28e-04	-6.25e-04	-1.38e-05	1.72e-05	3.21e-06
81	74	1.17e-03	5.29e-04	-7.42e-04	-8.36e-06	1.44e-05	2.98e-06
82	1	2.47e-03	2.01e-03	-8.59e-04	-3.11e-05	4.29e-05	1.20e-05
82	5	2.49e-03	1.97e-03	-8.76e-04	-3.10e-05	4.31e-05	1.19e-05
82	10	2.08e-03	1.07e-03	-1.02e-03	-1.74e-05	3.55e-05	1.13e-05
82	33	1.33e-03	1.04e-03	-5.73e-04	-1.70e-05	2.32e-05	2.58e-06
82	37	1.34e-03	1.02e-03	-5.81e-04	-1.69e-05	2.33e-05	2.50e-06
82	42	1.14e-03	5.96e-04	-6.46e-04	-1.05e-05	1.97e-05	2.20e-06
82	65	1.24e-03	9.63e-04	-5.51e-04	-1.59e-05	2.17e-05	1.86e-06
82	69	1.25e-03	9.47e-04	-5.58e-04	-1.59e-05	2.18e-05	1.78e-06
82	74	1.07e-03	5.59e-04	-6.17e-04	-9.99e-06	1.85e-05	1.50e-06
83	1	1.45e-03	8.92e-04	-6.07e-04	-3.00e-05	4.70e-05	1.38e-05
83	5	1.46e-03	8.75e-04	-6.26e-04	-2.94e-05	4.73e-05	1.38e-05
83	10	1.20e-03	4.61e-04	-7.86e-04	-1.53e-05	3.91e-05	1.00e-05
83	33	7.30e-04	4.41e-04	-3.72e-04	-1.54e-05	2.34e-05	6.13e-06
83	37	7.34e-04	4.33e-04	-3.80e-04	-1.52e-05	2.35e-05	6.14e-06
83	42	6.15e-04	2.39e-04	-4.54e-04	-8.56e-06	1.96e-05	4.36e-06
83	65	6.75e-04	4.07e-04	-3.53e-04	-1.43e-05	2.16e-05	5.55e-06
83	69	6.79e-04	4.00e-04	-3.61e-04	-1.41e-05	2.17e-05	5.56e-06
83	74	5.70e-04	2.22e-04	-4.29e-04	-8.04e-06	1.81e-05	3.92e-06
84	1	8.28e-04	9.62e-04	-4.40e-04	3.78e-05	3.86e-05	1.10e-05
84	5	8.33e-04	9.47e-04	-4.49e-04	3.74e-05	3.89e-05	1.09e-05

84	10	7.05e-04	5.36e-04	-5.22e-04	3.61e-05	3.24e-05	1.10e-05
84	33	4.44e-04	4.86e-04	-2.94e-04	1.69e-05	2.05e-05	4.51e-06
84	37	4.47e-04	4.79e-04	-2.99e-04	1.67e-05	2.06e-05	4.45e-06
84	42	3.86e-04	2.86e-04	-3.32e-04	1.60e-05	1.76e-05	4.48e-06
84	65	4.15e-04	4.50e-04	-2.83e-04	1.52e-05	1.91e-05	4.02e-06
84	69	4.17e-04	4.43e-04	-2.87e-04	1.51e-05	1.92e-05	3.96e-06
84	74	3.62e-04	2.66e-04	-3.18e-04	1.44e-05	1.64e-05	3.98e-06
85	1	0.0	0.0	0.0	0.0	0.0	0.0
85	33	0.0	0.0	0.0	0.0	0.0	0.0
85	65	0.0	0.0	0.0	0.0	0.0	0.0
86	1	8.66e-03	8.18e-03	-2.21e-03	0.0	1.85e-05	2.94e-05
86	6	6.23e-03	5.10e-03	-2.42e-03	0.0	4.76e-06	4.53e-05
86	13	9.05e-03	7.15e-03	-2.15e-03	0.0	2.09e-05	1.84e-05
86	33	4.47e-03	4.35e-03	-1.48e-03	0.0	-1.40e-06	1.23e-05
86	38	3.34e-03	2.91e-03	-1.58e-03	0.0	-7.78e-06	1.98e-05
86	45	4.66e-03	3.85e-03	-1.45e-03	0.0	0.0	7.01e-06
86	65	4.16e-03	4.06e-03	-1.42e-03	0.0	-2.90e-06	1.10e-05
86	70	3.12e-03	2.74e-03	-1.51e-03	0.0	-8.74e-06	1.78e-05
86	77	4.33e-03	3.60e-03	-1.40e-03	0.0	-1.83e-06	6.14e-06
87	1	9.45e-03	9.12e-03	-2.28e-03	1.05e-05	2.23e-05	5.15e-05
87	6	6.38e-03	5.54e-03	-2.51e-03	1.44e-05	2.31e-06	6.73e-05
87	16	-0.01	-6.34e-03	5.94e-04	2.80e-06	-8.71e-05	-1.84e-05
87	33	4.35e-03	4.73e-03	-1.52e-03	8.89e-06	-5.79e-06	2.99e-05
87	38	2.92e-03	3.07e-03	-1.62e-03	1.07e-05	-1.51e-05	3.73e-05
87	48	-5.09e-03	-2.58e-03	-1.42e-04	5.23e-06	-5.76e-05	-3.49e-06
87	65	3.96e-03	4.40e-03	-1.46e-03	8.76e-06	-7.91e-06	2.83e-05
87	70	2.66e-03	2.88e-03	-1.55e-03	1.04e-05	-1.64e-05	3.50e-05
87	80	-4.68e-03	-2.30e-03	-1.98e-04	5.41e-06	-5.53e-05	-2.35e-06
88	1	7.87e-03	6.95e-03	-2.02e-03	0.0	2.30e-05	1.34e-05
88	6	5.93e-03	4.39e-03	-2.20e-03	0.0	1.12e-05	2.58e-05
88	13	8.16e-03	6.10e-03	-1.98e-03	0.0	2.52e-05	4.76e-06
88	33	4.40e-03	3.73e-03	-1.37e-03	0.0	5.61e-06	-1.92e-06
88	38	3.49e-03	2.55e-03	-1.45e-03	0.0	0.0	3.85e-06
88	45	4.54e-03	3.33e-03	-1.35e-03	0.0	6.64e-06	-6.12e-06
88	65	4.13e-03	3.49e-03	-1.32e-03	0.0	4.30e-06	-3.10e-06
88	70	3.31e-03	2.40e-03	-1.39e-03	0.0	0.0	2.19e-06
88	77	4.26e-03	3.12e-03	-1.30e-03	0.0	5.24e-06	-6.95e-06
89	1	6.85e-03	5.64e-03	-1.75e-03	0.0	3.05e-05	4.53e-06
89	6	5.34e-03	3.60e-03	-1.89e-03	0.0	1.94e-05	1.39e-05
89	13	7.05e-03	4.96e-03	-1.73e-03	0.0	3.25e-05	-2.28e-06
89	33	4.03e-03	3.03e-03	-1.19e-03	0.0	1.38e-05	-9.18e-06
89	38	3.32e-03	2.08e-03	-1.26e-03	0.0	8.72e-06	-4.81e-06
89	45	4.12e-03	2.71e-03	-1.19e-03	0.0	1.48e-05	-1.25e-05
89	65	3.81e-03	2.84e-03	-1.15e-03	0.0	1.26e-05	-1.02e-05
89	70	3.17e-03	1.97e-03	-1.21e-03	0.0	7.89e-06	-6.24e-06
89	77	3.90e-03	2.54e-03	-1.14e-03	0.0	1.35e-05	-1.33e-05
90	1	5.49e-03	4.36e-03	-1.45e-03	0.0	3.91e-05	1.83e-06
90	2	4.41e-03	2.72e-03	-1.57e-03	0.0	2.85e-05	8.16e-06
90	13	5.61e-03	3.84e-03	-1.45e-03	0.0	4.09e-05	-3.29e-06
90	33	3.32e-03	2.33e-03	-9.94e-04	0.0	2.19e-05	-1.01e-05
90	34	2.82e-03	1.56e-03	-1.05e-03	0.0	1.70e-05	-7.15e-06
90	45	3.38e-03	2.08e-03	-9.92e-04	0.0	2.28e-05	-1.26e-05
90	65	3.16e-03	2.18e-03	-9.59e-04	0.0	2.06e-05	-1.10e-05
90	66	2.70e-03	1.48e-03	-1.01e-03	0.0	1.61e-05	-8.31e-06
90	77	3.21e-03	1.95e-03	-9.57e-04	0.0	2.14e-05	-1.33e-05
91	1	3.84e-03	3.14e-03	-1.12e-03	0.0	4.46e-05	3.37e-06
91	2	3.15e-03	1.98e-03	-1.22e-03	0.0	3.49e-05	7.08e-06
91	13	3.90e-03	2.77e-03	-1.13e-03	0.0	4.59e-05	0.0
91	33	2.35e-03	1.66e-03	-7.74e-04	0.0	2.69e-05	-6.55e-06
91	34	2.03e-03	1.12e-03	-8.18e-04	0.0	2.24e-05	-4.83e-06
91	45	2.38e-03	1.48e-03	-7.75e-04	0.0	2.75e-05	-8.27e-06
91	65	2.24e-03	1.55e-03	-7.48e-04	0.0	2.55e-05	-7.31e-06
91	66	1.95e-03	1.05e-03	-7.88e-04	0.0	2.14e-05	-5.74e-06
91	77	2.26e-03	1.38e-03	-7.48e-04	0.0	2.61e-05	-8.89e-06
92	1	2.07e-03	2.01e-03	-7.73e-04	0.0	4.40e-05	5.01e-06
92	10	1.75e-03	1.09e-03	-8.41e-04	0.0	3.64e-05	4.73e-06
92	13	2.09e-03	1.78e-03	-7.77e-04	0.0	4.46e-05	2.96e-06
92	33	1.27e-03	1.04e-03	-5.35e-04	0.0	2.68e-05	-2.04e-06
92	42	1.12e-03	6.10e-04	-5.66e-04	0.0	2.33e-05	-2.21e-06
92	45	1.28e-03	9.32e-04	-5.37e-04	0.0	2.71e-05	-3.03e-06
92	65	1.21e-03	9.70e-04	-5.17e-04	0.0	2.55e-05	-2.58e-06
92	74	1.08e-03	5.74e-04	-5.45e-04	0.0	2.23e-05	-2.74e-06
92	77	1.22e-03	8.68e-04	-5.18e-04	0.0	2.58e-05	-3.49e-06
93	1	5.85e-04	9.67e-04	-3.98e-04	0.0	2.95e-05	2.04e-06
93	10	5.01e-04	5.41e-04	-4.34e-04	0.0	2.48e-05	1.97e-06
93	13	5.90e-04	8.59e-04	-4.01e-04	0.0	2.96e-05	1.40e-06
93	33	3.62e-04	4.93e-04	-2.78e-04	0.0	1.79e-05	0.0

93	42	3.22e-04	2.93e-04	-2.94e-04	0.0	1.58e-05	0.0
93	45	3.64e-04	4.41e-04	-2.79e-04	0.0	1.80e-05	0.0
93	65	3.45e-04	4.57e-04	-2.68e-04	0.0	1.71e-05	0.0
93	74	3.09e-04	2.74e-04	-2.83e-04	0.0	1.51e-05	0.0
93	77	3.47e-04	4.10e-04	-2.69e-04	0.0	1.71e-05	0.0
94	1	0.0	0.0	0.0	0.0	0.0	0.0
94	33	0.0	0.0	0.0	0.0	0.0	0.0
94	65	0.0	0.0	0.0	0.0	0.0	0.0
95	1	7.90e-03	7.95e-03	-2.21e-03	0.0	0.0	2.52e-05
95	5	7.95e-03	7.78e-03	-2.22e-03	0.0	0.0	2.48e-05
95	13	8.71e-03	6.96e-03	-2.13e-03	0.0	4.63e-06	1.41e-05
95	33	4.24e-03	4.25e-03	-1.44e-03	0.0	-1.78e-05	8.59e-06
95	37	4.26e-03	4.17e-03	-1.44e-03	0.0	-1.78e-05	8.39e-06
95	45	4.63e-03	3.77e-03	-1.40e-03	0.0	-1.60e-05	3.20e-06
95	65	3.96e-03	3.96e-03	-1.38e-03	0.0	-1.92e-05	7.32e-06
95	69	3.98e-03	3.89e-03	-1.39e-03	0.0	-1.92e-05	7.12e-06
95	77	4.32e-03	3.53e-03	-1.35e-03	0.0	-1.75e-05	2.37e-06
96	1	7.80e-03	8.79e-03	-2.32e-03	9.99e-06	-1.39e-06	4.30e-05
96	5	7.85e-03	8.60e-03	-2.33e-03	1.03e-05	-1.30e-06	4.25e-05
96	16	-9.98e-03	-5.89e-03	6.84e-04	2.09e-06	-9.40e-05	-1.42e-05
96	33	3.36e-03	4.63e-03	-1.52e-03	8.13e-06	-2.49e-05	2.47e-05
96	37	3.39e-03	4.54e-03	-1.52e-03	8.29e-06	-2.48e-05	2.45e-05
96	48	-5.04e-03	-2.32e-03	-8.37e-05	4.37e-06	-6.85e-05	-2.61e-06
96	65	3.03e-03	4.32e-03	-1.45e-03	7.99e-06	-2.66e-05	2.33e-05
96	69	3.05e-03	4.24e-03	-1.46e-03	8.13e-06	-2.66e-05	2.31e-05
96	80	-4.66e-03	-2.05e-03	-1.42e-04	4.55e-06	-6.66e-05	-1.72e-06
97	1	7.73e-03	6.82e-03	-2.02e-03	0.0	1.19e-05	5.83e-06
97	5	7.76e-03	6.68e-03	-2.02e-03	0.0	1.21e-05	5.47e-06
97	13	8.37e-03	6.00e-03	-1.96e-03	0.0	1.58e-05	-5.34e-05
97	33	4.71e-03	3.67e-03	-1.33e-03	0.0	-4.36e-06	-8.26e-06
97	37	4.73e-03	3.61e-03	-1.33e-03	0.0	-4.26e-06	-8.44e-06
97	45	5.02e-03	3.28e-03	-1.30e-03	0.0	-2.47e-06	-3.64e-05
97	65	4.48e-03	3.43e-03	-1.28e-03	0.0	-5.58e-06	-9.34e-06
97	69	4.50e-03	3.37e-03	-1.28e-03	0.0	-5.49e-06	-9.51e-06
97	77	4.76e-03	3.07e-03	-1.25e-03	0.0	-3.85e-06	-3.51e-05
98	1	6.99e-03	5.57e-03	-1.76e-03	0.0	2.75e-05	-4.54e-06
98	5	7.02e-03	5.46e-03	-1.77e-03	0.0	2.77e-05	-4.82e-06
98	13	7.48e-03	4.91e-03	-1.72e-03	0.0	3.14e-05	-5.52e-05
98	33	4.58e-03	3.00e-03	-1.18e-03	0.0	1.15e-05	-1.67e-05
98	37	4.59e-03	2.95e-03	-1.18e-03	0.0	1.16e-05	-1.69e-05
98	45	4.81e-03	2.68e-03	-1.15e-03	0.0	1.34e-05	-4.08e-05
98	65	4.40e-03	2.81e-03	-1.13e-03	0.0	1.03e-05	-1.77e-05
98	69	4.41e-03	2.76e-03	-1.13e-03	0.0	1.04e-05	-1.78e-05
98	77	4.61e-03	2.51e-03	-1.11e-03	0.0	1.21e-05	-3.97e-05
99	1	5.66e-03	4.32e-03	-1.33e-03	0.0	4.13e-05	-7.37e-06
99	5	5.67e-03	4.23e-03	-1.47e-03	0.0	4.15e-05	-7.57e-06
99	13	5.99e-03	3.81e-03	-1.43e-03	0.0	4.50e-05	-1.24e-05
99	33	3.86e-03	2.31e-03	-9.28e-04	0.0	2.51e-05	-1.75e-05
99	37	3.87e-03	2.27e-03	-9.93e-04	0.0	2.52e-05	-1.76e-05
99	45	4.02e-03	2.06e-03	-9.75e-04	0.0	2.68e-05	-1.99e-05
99	65	3.72e-03	2.15e-03	-8.97e-04	0.0	2.39e-05	-1.83e-05
99	69	3.73e-03	2.12e-03	-9.57e-04	0.0	2.40e-05	-1.84e-05
99	77	3.87e-03	1.93e-03	-9.40e-04	0.0	2.55e-05	-2.05e-05
100	1	3.89e-03	3.11e-03	-1.04e-03	-1.04e-06	4.89e-05	-5.49e-06
100	6	3.08e-03	2.01e-03	-1.14e-03	0.0	3.67e-05	0.0
100	13	4.08e-03	2.74e-03	-1.01e-03	-1.11e-06	5.19e-05	-8.82e-06
100	33	2.71e-03	1.64e-03	-7.34e-04	0.0	3.27e-05	-1.31e-05
100	38	2.34e-03	1.13e-03	-7.81e-04	0.0	2.71e-05	-1.10e-05
100	45	2.80e-03	1.47e-03	-7.20e-04	0.0	3.42e-05	-1.47e-05
100	65	2.62e-03	1.53e-03	-7.10e-04	0.0	3.15e-05	-1.37e-05
100	70	2.28e-03	1.06e-03	-7.54e-04	0.0	2.63e-05	-1.18e-05
100	77	2.71e-03	1.37e-03	-6.97e-04	0.0	3.28e-05	-1.52e-05
101	1	2.02e-03	1.98e-03	-7.24e-04	0.0	4.53e-05	-2.83e-06
101	6	1.64e-03	1.29e-03	-7.90e-04	0.0	3.58e-05	0.0
101	13	2.12e-03	1.75e-03	-7.05e-04	-1.01e-06	4.75e-05	-4.55e-06
101	33	1.43e-03	1.03e-03	-5.14e-04	0.0	3.14e-05	-7.20e-06
101	38	1.25e-03	7.09e-04	-5.45e-04	0.0	2.70e-05	-6.17e-06
101	45	1.47e-03	9.19e-04	-5.05e-04	0.0	3.24e-05	-8.03e-06
101	65	1.39e-03	9.55e-04	-4.98e-04	0.0	3.03e-05	-7.53e-06
101	70	1.22e-03	6.64e-04	-5.27e-04	0.0	2.63e-05	-6.59e-06
101	77	1.43e-03	8.56e-04	-4.90e-04	0.0	3.13e-05	-8.30e-06
102	1	5.66e-04	9.46e-04	-3.78e-04	0.0	2.83e-05	0.0
102	6	4.64e-04	6.28e-04	-4.10e-04	0.0	2.29e-05	0.0
102	13	5.90e-04	8.40e-04	-3.69e-04	0.0	2.95e-05	-1.27e-06
102	33	4.05e-04	4.82e-04	-2.71e-04	0.0	1.99e-05	-2.21e-06
102	38	3.58e-04	3.34e-04	-2.86e-04	0.0	1.74e-05	-1.90e-06
102	45	4.17e-04	4.31e-04	-2.66e-04	0.0	2.04e-05	-2.47e-06

102	65	3.93e-04	4.47e-04	-2.63e-04	0.0	1.92e-05	-2.33e-06
102	70	3.50e-04	3.11e-04	-2.77e-04	0.0	1.69e-05	-2.04e-06
102	77	4.03e-04	4.00e-04	-2.59e-04	0.0	1.97e-05	-2.57e-06
103	1	0.0	0.0	0.0	0.0	0.0	0.0
103	33	0.0	0.0	0.0	0.0	0.0	0.0
103	65	0.0	0.0	0.0	0.0	0.0	0.0
104	1	7.76e-03	7.83e-03	-2.14e-03	-3.61e-05	-2.04e-05	1.46e-05
104	29	9.13e-03	6.90e-03	-1.63e-03	-5.35e-06	-1.25e-05	-5.21e-05
104	33	4.43e-03	4.22e-03	-1.41e-03	-2.58e-05	-3.74e-05	0.0
104	61	5.07e-03	3.75e-03	-1.16e-03	-1.13e-05	-3.38e-05	-3.15e-05
104	65	4.19e-03	3.95e-03	-1.35e-03	-2.50e-05	-3.86e-05	-1.15e-06
104	93	4.76e-03	3.51e-03	-1.13e-03	-1.17e-05	-3.53e-05	-3.00e-05
105	1	6.70e-03	8.66e-03	-2.27e-03	1.08e-05	-2.87e-05	3.76e-05
105	32	-0.01	-5.68e-03	1.37e-04	1.22e-05	-1.12e-04	2.91e-05
105	33	2.71e-03	4.63e-03	-1.50e-03	9.63e-06	-4.91e-05	2.04e-05
105	64	-5.11e-03	-2.12e-03	-3.59e-04	1.03e-05	-8.79e-05	1.60e-05
105	65	2.41e-03	4.33e-03	-1.44e-03	9.54e-06	-5.06e-05	1.91e-05
105	96	-4.75e-03	-1.86e-03	-3.97e-04	1.01e-05	-8.61e-05	1.50e-05
106	1	8.22e-03	6.73e-03	-1.96e-03	-2.65e-05	0.0	-6.91e-06
106	29	9.26e-03	5.89e-03	-1.49e-03	6.36e-06	9.38e-06	-6.29e-05
106	33	5.48e-03	3.64e-03	-1.30e-03	-1.71e-05	-1.48e-05	-1.91e-05
106	61	5.96e-03	3.21e-03	-1.07e-03	-1.62e-06	-1.08e-05	-4.55e-05
106	65	5.27e-03	3.40e-03	-1.25e-03	-1.64e-05	-1.60e-05	-2.00e-05
106	93	5.71e-03	3.01e-03	-1.04e-03	-2.20e-06	-4.42e-05	-6.41e-05
107	1	7.74e-03	5.50e-03	-1.73e-03	-1.76e-05	2.55e-05	-6.81e-05
107	13	8.47e-03	4.85e-03	-1.65e-03	2.06e-05	3.11e-05	-6.23e-05
107	33	5.57e-03	2.96e-03	-1.16e-03	-9.03e-06	1.00e-05	-5.18e-05
107	45	5.92e-03	2.65e-03	-1.12e-03	9.00e-06	1.28e-05	-4.90e-05
107	65	5.41e-03	2.77e-03	-1.12e-03	-8.37e-06	8.90e-06	-5.06e-05
107	77	5.73e-03	2.48e-03	-1.08e-03	8.14e-06	1.14e-05	-4.80e-05
108	1	6.37e-03	4.24e-03	-1.46e-03	3.40e-05	4.59e-05	-5.81e-05
108	5	6.39e-03	4.16e-03	-1.46e-03	3.43e-05	4.61e-05	-5.83e-05
108	13	6.88e-03	3.75e-03	-1.40e-03	2.79e-05	5.14e-05	-5.39e-05
108	33	4.78e-03	2.27e-03	-9.94e-04	1.85e-05	3.03e-05	-4.58e-05
108	37	4.79e-03	2.23e-03	-9.94e-04	1.86e-05	3.04e-05	-4.59e-05
108	45	5.02e-03	2.03e-03	-9.65e-04	1.55e-05	3.30e-05	-4.37e-05
108	65	4.66e-03	2.12e-03	-9.59e-04	1.73e-05	2.92e-05	-4.48e-05
108	69	4.67e-03	2.08e-03	-9.59e-04	1.74e-05	2.93e-05	-4.49e-05
108	77	4.89e-03	1.90e-03	-9.31e-04	1.46e-05	3.16e-05	-4.30e-05
109	1	4.39e-03	3.04e-03	-1.15e-03	-1.12e-05	5.58e-05	-1.53e-05
109	5	4.40e-03	2.98e-03	-1.15e-03	-1.09e-05	5.60e-05	-1.55e-05
109	13	4.70e-03	2.69e-03	-1.11e-03	3.18e-05	6.06e-05	-3.87e-05
109	33	3.37e-03	1.60e-03	-7.94e-04	-1.37e-06	4.10e-05	-2.08e-05
109	37	3.38e-03	1.57e-03	-7.94e-04	-1.23e-06	4.11e-05	-2.08e-05
109	45	3.52e-03	1.43e-03	-7.72e-04	1.90e-05	4.33e-05	-3.19e-05
109	65	3.30e-03	1.49e-03	-7.67e-04	0.0	3.99e-05	-2.12e-05
109	69	3.30e-03	1.47e-03	-7.67e-04	0.0	4.00e-05	-2.13e-05
109	77	3.44e-03	1.34e-03	-7.47e-04	1.80e-05	4.20e-05	-3.13e-05
110	1	2.29e-03	1.92e-03	-8.04e-04	-9.37e-06	5.15e-05	-8.75e-06
110	5	2.29e-03	1.89e-03	-8.05e-04	-9.13e-06	5.16e-05	-8.82e-06
110	13	2.44e-03	1.70e-03	-7.74e-04	2.91e-05	5.51e-05	-2.12e-05
110	33	1.79e-03	9.93e-04	-5.61e-04	0.0	3.93e-05	-1.17e-05
110	37	1.79e-03	9.77e-04	-5.61e-04	0.0	3.94e-05	-1.17e-05
110	45	1.86e-03	8.86e-04	-5.47e-04	1.79e-05	4.11e-05	-1.76e-05
110	65	1.75e-03	9.22e-04	-5.42e-04	0.0	3.84e-05	-1.19e-05
110	69	1.75e-03	9.08e-04	-5.43e-04	0.0	3.85e-05	-1.19e-05
110	77	1.82e-03	8.25e-04	-5.29e-04	1.70e-05	4.01e-05	-1.73e-05
111	1	6.45e-04	9.07e-04	-4.22e-04	-5.82e-06	3.21e-05	-2.80e-06
111	5	6.46e-04	8.92e-04	-4.22e-04	-5.69e-06	3.21e-05	-2.82e-06
111	13	6.85e-04	8.03e-04	-4.07e-04	1.85e-05	3.41e-05	-6.83e-06
111	33	5.11e-04	4.58e-04	-2.98e-04	0.0	2.49e-05	-3.75e-06
111	37	5.12e-04	4.51e-04	-2.98e-04	0.0	2.50e-05	-3.76e-06
111	45	5.31e-04	4.08e-04	-2.90e-04	1.15e-05	2.59e-05	-5.66e-06
111	65	5.02e-04	4.24e-04	-2.88e-04	0.0	2.44e-05	-3.82e-06
111	69	5.02e-04	4.17e-04	-2.88e-04	0.0	2.45e-05	-3.83e-06
111	77	5.19e-04	3.78e-04	-2.82e-04	1.10e-05	2.53e-05	-5.57e-06
112	1	0.0	0.0	0.0	0.0	0.0	0.0
112	33	0.0	0.0	0.0	0.0	0.0	0.0
112	65	0.0	0.0	0.0	0.0	0.0	0.0
113	1	8.48e-03	7.81e-03	-2.21e-03	4.50e-05	-4.25e-05	1.78e-06
113	29	0.01	6.90e-03	-1.79e-03	1.28e-05	-3.07e-05	-6.31e-05
113	33	5.24e-03	4.26e-03	-1.47e-03	3.38e-05	-5.89e-05	-1.10e-05
113	61	6.43e-03	3.80e-03	-1.27e-03	1.85e-05	-5.34e-05	-4.15e-05
113	65	5.00e-03	3.99e-03	-1.41e-03	3.29e-05	-6.01e-05	-1.20e-05
113	93	6.09e-03	3.57e-03	-1.23e-03	1.89e-05	-5.51e-05	-4.00e-05
114	1	6.28e-03	8.70e-03	-2.36e-03	1.26e-05	-6.38e-05	3.04e-05
114	32	-0.01	-5.43e-03	1.85e-04	1.65e-05	-1.43e-04	4.55e-05

114	33	2.46e-03	4.73e-03	-1.58e-03	1.22e-05	-8.22e-05	1.51e-05
114	64	-5.61e-03	-1.93e-03	-3.72e-04	1.40e-05	-1.19e-04	2.18e-05
114	65	2.18e-03	4.43e-03	-1.52e-03	1.22e-05	-8.36e-05	1.39e-05
114	96	-5.21e-03	-1.67e-03	-4.14e-04	1.39e-05	-1.17e-04	2.01e-05
115	1	9.59e-03	6.66e-03	-2.04e-03	2.84e-05	-9.12e-06	-7.83e-05
115	29	0.01	5.85e-03	-1.65e-03	-5.73e-06	3.75e-06	-7.72e-05
115	33	6.90e-03	3.62e-03	-1.36e-03	1.92e-05	-2.46e-05	-5.95e-05
115	61	7.84e-03	3.21e-03	-1.18e-03	3.10e-06	-1.86e-05	-5.88e-05
115	65	6.70e-03	3.39e-03	-1.31e-03	1.85e-05	-2.58e-05	-5.81e-05
115	93	7.57e-03	3.01e-03	-1.14e-03	3.74e-06	-2.03e-05	-5.75e-05
116	1	9.30e-03	5.41e-03	-1.83e-03	-2.88e-05	2.66e-05	-7.77e-05
116	29	0.01	4.71e-03	-1.49e-03	-2.79e-05	3.94e-05	-7.71e-05
116	33	7.17e-03	2.92e-03	-1.24e-03	-1.35e-05	1.10e-05	-6.28e-05
116	61	7.86e-03	2.56e-03	-1.07e-03	-1.30e-05	1.70e-05	-6.24e-05
116	65	7.01e-03	2.73e-03	-1.19e-03	-1.24e-05	9.83e-06	-6.16e-05
116	93	7.65e-03	2.40e-03	-1.04e-03	-1.19e-05	1.53e-05	-6.13e-05
117	1	7.74e-03	4.15e-03	-1.57e-03	-3.62e-05	5.44e-05	-6.53e-05
117	29	8.73e-03	3.58e-03	-1.29e-03	-3.64e-05	6.60e-05	-6.49e-05
117	33	6.18e-03	2.21e-03	-1.08e-03	-2.10e-05	3.88e-05	-5.44e-05
117	61	6.65e-03	1.92e-03	-9.37e-04	-2.10e-05	4.42e-05	-5.41e-05
117	65	6.07e-03	2.06e-03	-1.04e-03	-1.99e-05	3.76e-05	-5.36e-05
117	93	6.50e-03	1.80e-03	-9.11e-04	-1.99e-05	4.26e-05	-5.33e-05
118	1	5.37e-03	2.95e-03	-1.25e-03	-3.83e-05	6.77e-05	-4.59e-05
118	29	5.95e-03	2.50e-03	-1.03e-03	-3.85e-05	7.70e-05	-4.56e-05
118	33	4.38e-03	1.55e-03	-8.69e-04	-2.41e-05	5.30e-05	-3.88e-05
118	61	4.65e-03	1.32e-03	-7.60e-04	-2.40e-05	5.74e-05	-3.86e-05
118	65	4.31e-03	1.44e-03	-8.39e-04	-2.30e-05	5.19e-05	-3.83e-05
118	93	4.56e-03	1.23e-03	-7.40e-04	-2.29e-05	5.59e-05	-3.81e-05
119	1	2.82e-03	1.85e-03	-8.80e-04	-3.34e-05	6.29e-05	-2.48e-05
119	29	3.08e-03	1.53e-03	-7.27e-04	-3.32e-05	6.94e-05	-2.46e-05
119	33	2.33e-03	9.46e-04	-6.17e-04	-2.18e-05	5.10e-05	-2.12e-05
119	61	2.46e-03	7.90e-04	-5.42e-04	-2.15e-05	5.41e-05	-2.11e-05
119	65	2.30e-03	8.77e-04	-5.97e-04	-2.09e-05	5.01e-05	-2.10e-05
119	93	2.41e-03	7.34e-04	-5.28e-04	-2.07e-05	5.29e-05	-2.08e-05
120	1	8.08e-04	8.56e-04	-4.64e-04	-2.07e-05	3.95e-05	-7.94e-06
120	29	8.74e-04	6.93e-04	-3.84e-04	-2.03e-05	4.29e-05	-7.87e-06
120	33	6.76e-04	4.26e-04	-3.28e-04	-1.37e-05	3.25e-05	-6.82e-06
120	61	7.08e-04	3.45e-04	-2.89e-04	-1.35e-05	3.41e-05	-6.77e-06
120	65	6.66e-04	3.93e-04	-3.18e-04	-1.32e-05	3.20e-05	-6.73e-06
120	93	6.96e-04	3.19e-04	-2.82e-04	-1.30e-05	3.35e-05	-6.69e-06
121	1	0.0	0.0	0.0	0.0	0.0	0.0
121	33	0.0	0.0	0.0	0.0	0.0	0.0
121	65	0.0	0.0	0.0	0.0	0.0	0.0
122	1	0.01	7.87e-03	-2.47e-03	1.65e-06	-6.98e-05	-7.52e-05
122	29	0.01	6.98e-03	-2.10e-03	1.44e-06	-5.49e-05	-7.65e-05
122	33	6.78e-03	4.35e-03	-1.66e-03	2.24e-06	-8.65e-05	-5.34e-05
122	61	8.37e-03	3.89e-03	-1.48e-03	2.15e-06	-7.95e-05	-5.38e-05
122	65	6.53e-03	4.08e-03	-1.60e-03	2.29e-06	-8.78e-05	-5.18e-05
122	93	7.99e-03	3.66e-03	-1.43e-03	2.20e-06	-8.14e-05	-5.21e-05
123	1	6.66e-03	8.88e-03	-2.63e-03	1.04e-05	-1.08e-04	2.31e-05
123	32	-0.01	-5.23e-03	2.50e-04	2.36e-05	-1.89e-04	4.37e-05
123	33	2.69e-03	4.92e-03	-1.77e-03	1.34e-05	-1.26e-04	9.69e-06
123	64	-6.01e-03	-1.73e-03	-4.09e-04	1.95e-05	-1.64e-04	1.90e-05
123	65	2.40e-03	4.61e-03	-1.70e-03	1.36e-05	-1.28e-04	8.66e-06
123	96	-5.57e-03	-1.47e-03	-4.58e-04	1.92e-05	-1.62e-04	1.72e-05
124	1	0.01	6.62e-03	-2.31e-03	0.0	-1.81e-05	-9.15e-05
124	29	0.01	5.83e-03	-1.97e-03	0.0	-1.22e-06	-9.47e-05
124	33	9.10e-03	3.62e-03	-1.56e-03	0.0	-3.45e-05	-7.38e-05
124	61	0.01	3.22e-03	-1.39e-03	0.0	-2.65e-05	-7.51e-05
124	65	8.90e-03	3.39e-03	-1.50e-03	0.0	-3.57e-05	-7.25e-05
124	93	0.01	3.02e-03	-1.35e-03	0.0	-2.84e-05	-7.37e-05
125	1	0.01	5.32e-03	-2.11e-03	-1.15e-06	3.23e-05	-8.99e-05
125	29	0.01	4.65e-03	-1.80e-03	-1.66e-06	4.98e-05	-9.36e-05
125	33	9.44e-03	2.86e-03	-1.44e-03	0.0	1.56e-05	-7.61e-05
125	61	0.01	2.52e-03	-1.29e-03	0.0	2.38e-05	-7.77e-05
125	65	9.28e-03	2.68e-03	-1.39e-03	0.0	1.43e-05	-7.51e-05
125	93	0.01	2.36e-03	-1.25e-03	0.0	2.19e-05	-7.66e-05
126	1	9.77e-03	4.05e-03	-1.83e-03	-2.10e-06	6.94e-05	-7.47e-05
126	29	0.01	3.50e-03	-1.57e-03	-2.65e-06	8.58e-05	-7.77e-05
126	33	8.11e-03	2.15e-03	-1.26e-03	-1.52e-06	5.25e-05	-6.47e-05
126	61	8.77e-03	1.87e-03	-1.13e-03	-1.78e-06	6.02e-05	-6.60e-05
126	65	7.99e-03	2.00e-03	-1.22e-03	-1.48e-06	5.13e-05	-6.39e-05
126	93	8.59e-03	1.75e-03	-1.10e-03	-1.72e-06	5.83e-05	-6.52e-05
127	1	6.79e-03	2.86e-03	-1.46e-03	-2.51e-06	8.64e-05	-5.21e-05
127	29	7.61e-03	2.44e-03	-1.26e-03	-3.01e-06	1.00e-04	-5.41e-05
127	33	5.72e-03	1.49e-03	-1.02e-03	-1.97e-06	7.05e-05	-4.56e-05
127	61	6.12e-03	1.28e-03	-9.19e-04	-2.20e-06	7.70e-05	-4.66e-05

127	65	5.65e-03	1.39e-03	-9.87e-04	-1.93e-06	6.94e-05	-4.52e-05
127	93	6.01e-03	1.19e-03	-8.94e-04	-2.14e-06	7.53e-05	-4.60e-05
128	1	3.58e-03	1.77e-03	-1.03e-03	-2.30e-06	8.03e-05	-2.81e-05
128	29	3.96e-03	1.48e-03	-8.84e-04	-2.68e-06	9.04e-05	-2.92e-05
128	33	3.05e-03	8.98e-04	-7.21e-04	-1.86e-06	6.74e-05	-2.49e-05
128	61	3.24e-03	7.53e-04	-6.50e-04	-2.04e-06	7.22e-05	-2.54e-05
128	65	3.02e-03	8.32e-04	-6.98e-04	-1.83e-06	6.65e-05	-2.46e-05
128	93	3.18e-03	6.99e-04	-6.33e-04	-1.99e-06	7.09e-05	-2.51e-05
129	1	1.04e-03	8.01e-04	-5.39e-04	-1.46e-06	5.09e-05	-9.06e-06
129	29	1.13e-03	6.53e-04	-4.64e-04	-1.67e-06	5.62e-05	-9.43e-06
129	33	8.93e-04	3.93e-04	-3.80e-04	-1.19e-06	4.32e-05	-8.04e-06
129	61	9.39e-04	3.19e-04	-3.43e-04	-1.29e-06	4.58e-05	-8.21e-06
129	65	8.82e-04	3.62e-04	-3.68e-04	-1.18e-06	4.27e-05	-7.97e-06
129	93	9.25e-04	2.94e-04	-3.34e-04	-1.27e-06	4.50e-05	-8.12e-06
130	1	0.0	0.0	0.0	0.0	0.0	0.0
130	33	0.0	0.0	0.0	0.0	0.0	0.0
130	65	0.0	0.0	0.0	0.0	0.0	0.0
131	1	0.01	7.97e-03	-3.00e-03	2.15e-06	-1.01e-04	-8.71e-05
131	29	0.02	7.09e-03	-2.63e-03	1.82e-06	-8.55e-05	-9.24e-05
131	33	9.12e-03	4.45e-03	-2.03e-03	2.54e-06	-1.19e-04	-6.61e-05
131	61	0.01	4.00e-03	-1.85e-03	2.39e-06	-1.12e-04	-6.84e-05
131	65	8.84e-03	4.19e-03	-1.96e-03	2.57e-06	-1.21e-04	-6.46e-05
131	93	0.01	3.77e-03	-1.79e-03	2.43e-06	-1.14e-04	-6.67e-05
132	1	7.76e-03	9.21e-03	-3.15e-03	1.09e-05	-5.22e-04	-5.62e-05
132	32	-0.01	-5.04e-03	3.28e-04	3.10e-05	-2.52e-04	4.21e-05
132	33	3.39e-03	5.20e-03	-2.14e-03	1.59e-05	-1.86e-04	-2.81e-05
132	64	-6.27e-03	-1.51e-03	-4.92e-04	2.53e-05	-2.26e-04	1.62e-05
132	65	3.07e-03	4.90e-03	-2.06e-03	1.63e-05	-1.87e-04	-2.62e-05
132	96	-5.77e-03	-1.25e-03	-5.53e-04	2.49e-05	-2.24e-04	1.43e-05
133	1	0.02	6.56e-03	-2.86e-03	0.0	-2.40e-05	-1.07e-04
133	29	0.02	5.80e-03	-2.51e-03	0.0	-5.02e-06	-1.15e-04
133	33	0.01	3.59e-03	-1.96e-03	0.0	-4.24e-05	-9.07e-05
133	61	0.01	3.20e-03	-1.78e-03	0.0	-3.35e-05	-9.42e-05
133	65	0.01	3.36e-03	-1.89e-03	0.0	-4.37e-05	-8.94e-05
133	93	0.01	3.01e-03	-1.73e-03	0.0	-3.56e-05	-9.26e-05
134	1	0.01	5.21e-03	-2.64e-03	0.0	4.42e-05	-1.04e-04
134	29	0.02	4.57e-03	-2.32e-03	-1.38e-06	6.50e-05	-1.11e-04
134	33	0.01	2.80e-03	-1.82e-03	0.0	2.53e-05	-9.09e-05
134	61	0.01	2.47e-03	-1.67e-03	0.0	3.51e-05	-9.42e-05
134	65	0.01	2.62e-03	-1.76e-03	0.0	2.40e-05	-8.99e-05
134	93	0.01	2.31e-03	-1.62e-03	0.0	3.29e-05	-9.30e-05
135	1	0.01	3.96e-03	-2.29e-03	-1.93e-06	9.07e-05	-8.48e-05
135	29	0.01	3.44e-03	-2.02e-03	-2.36e-06	1.11e-04	-9.06e-05
135	33	0.01	2.09e-03	-1.59e-03	-1.53e-06	7.16e-05	-7.53e-05
135	61	0.01	1.83e-03	-1.45e-03	-1.73e-06	8.11e-05	-7.80e-05
135	65	0.01	1.95e-03	-1.54e-03	-1.50e-06	7.02e-05	-7.46e-05
135	93	0.01	1.71e-03	-1.41e-03	-1.68e-06	7.89e-05	-7.71e-05
136	1	8.56e-03	2.79e-03	-1.82e-03	-2.36e-06	1.11e-04	-5.87e-05
136	29	9.59e-03	2.39e-03	-1.60e-03	-2.72e-06	1.28e-04	-6.26e-05
136	33	7.37e-03	1.45e-03	-1.27e-03	-1.98e-06	9.27e-05	-5.26e-05
136	61	7.86e-03	1.25e-03	-1.16e-03	-2.15e-06	1.01e-04	-5.44e-05
136	65	7.28e-03	1.35e-03	-1.22e-03	-1.95e-06	9.14e-05	-5.21e-05
136	93	7.73e-03	1.16e-03	-1.13e-03	-2.11e-06	9.88e-05	-5.38e-05
137	1	4.53e-03	1.70e-03	-1.26e-03	-2.18e-06	1.02e-04	-3.20e-05
137	29	5.01e-03	1.44e-03	-1.11e-03	-2.45e-06	1.15e-04	-3.40e-05
137	33	3.93e-03	8.67e-04	-8.81e-04	-1.87e-06	8.76e-05	-2.88e-05
137	61	4.16e-03	7.32e-04	-8.06e-04	-2.00e-06	9.37e-05	-2.98e-05
137	65	3.89e-03	8.04e-04	-8.52e-04	-1.85e-06	8.66e-05	-2.86e-05
137	93	4.10e-03	6.80e-04	-7.83e-04	-1.96e-06	9.22e-05	-2.94e-05
138	1	1.32e-03	7.54e-04	-6.53e-04	-1.39e-06	6.50e-05	-1.05e-05
138	29	1.45e-03	6.20e-04	-5.75e-04	-1.54e-06	7.20e-05	-1.12e-05
138	33	1.16e-03	3.69e-04	-4.56e-04	-1.20e-06	5.64e-05	-9.47e-06
138	61	1.22e-03	3.02e-04	-4.17e-04	-1.27e-06	5.97e-05	-9.79e-06
138	65	1.15e-03	3.40e-04	-4.41e-04	-1.19e-06	5.58e-05	-9.40e-06
138	93	1.20e-03	2.79e-04	-4.05e-04	-1.25e-06	5.88e-05	-9.69e-06
139	1	0.0	0.0	0.0	0.0	0.0	0.0
139	33	0.0	0.0	0.0	0.0	0.0	0.0
139	65	0.0	0.0	0.0	0.0	0.0	0.0
140	1	0.02	8.02e-03	-3.97e-03	-7.20e-05	-1.38e-04	-1.02e-04
140	29	0.02	7.15e-03	-3.54e-03	-3.89e-05	-1.25e-04	-1.13e-04
140	33	0.01	4.50e-03	-2.74e-03	-5.93e-05	-1.61e-04	-8.20e-05
140	61	0.01	4.05e-03	-2.52e-03	-4.36e-05	-1.54e-04	-8.71e-05
140	65	0.01	4.23e-03	-2.64e-03	-5.83e-05	-1.62e-04	-8.06e-05
140	93	0.01	3.82e-03	-2.44e-03	-4.39e-05	-1.57e-04	-8.52e-05
141	1	9.45e-03	9.69e-03	-4.08e-03	8.11e-06	-2.44e-04	-5.66e-05
141	29	0.01	8.68e-03	-3.63e-03	7.36e-06	-2.37e-04	-6.16e-05
141	33	4.52e-03	5.60e-03	-2.79e-03	1.56e-05	-2.68e-04	-3.23e-05

141	61	6.89e-03	5.08e-03	-2.56e-03	1.53e-05	-2.65e-04	-3.44e-05
141	65	4.16e-03	5.29e-03	-2.69e-03	1.61e-05	-2.69e-04	-3.05e-05
141	93	6.33e-03	4.82e-03	-2.48e-03	1.59e-05	-2.67e-04	-3.24e-05
142	1	0.02	6.44e-03	-3.84e-03	-2.12e-05	-2.41e-05	-1.26e-04
142	29	0.02	5.70e-03	-3.43e-03	2.16e-05	-3.60e-06	-1.38e-04
142	33	0.02	3.50e-03	-2.67e-03	-1.36e-05	-4.56e-05	-1.10e-04
142	61	0.02	3.12e-03	-2.46e-03	6.65e-06	-3.60e-05	-1.16e-04
142	65	0.02	3.28e-03	-2.58e-03	-1.30e-05	-4.72e-05	-1.09e-04
142	93	0.02	2.93e-03	-2.39e-03	5.54e-06	-3.84e-05	-1.14e-04
143	1	0.02	5.12e-03	-3.51e-03	3.33e-05	6.43e-05	-1.17e-04
143	29	0.02	4.50e-03	-3.13e-03	4.12e-05	8.86e-05	-1.28e-04
143	33	0.02	2.74e-03	-2.44e-03	2.05e-05	4.24e-05	-1.05e-04
143	61	0.02	2.42e-03	-2.25e-03	2.41e-05	5.38e-05	-1.10e-04
143	65	0.02	2.56e-03	-2.35e-03	1.96e-05	4.08e-05	-1.04e-04
143	93	0.02	2.27e-03	-2.18e-03	2.28e-05	5.13e-05	-1.08e-04
144	1	0.02	3.92e-03	-2.99e-03	3.81e-05	1.19e-04	-9.38e-05
144	29	0.02	3.42e-03	-2.67e-03	4.71e-05	1.42e-04	-1.01e-04
144	33	0.01	2.08e-03	-2.07e-03	2.57e-05	9.68e-05	-8.46e-05
144	61	0.01	1.82e-03	-1.90e-03	2.99e-05	1.08e-04	-8.80e-05
144	65	0.01	1.94e-03	-2.00e-03	2.48e-05	9.52e-05	-8.39e-05
144	93	0.01	1.71e-03	-1.85e-03	2.86e-05	1.05e-04	-8.71e-05
145	1	0.01	2.78e-03	-2.34e-03	3.76e-05	1.40e-04	-6.46e-05
145	29	0.01	2.40e-03	-2.09e-03	4.62e-05	1.60e-04	-6.96e-05
145	33	9.26e-03	1.46e-03	-1.61e-03	2.63e-05	1.19e-04	-5.86e-05
145	61	9.84e-03	1.27e-03	-1.48e-03	3.02e-05	1.29e-04	-6.09e-05
145	65	9.16e-03	1.36e-03	-1.55e-03	2.54e-05	1.18e-04	-5.81e-05
145	93	9.70e-03	1.18e-03	-1.44e-03	2.91e-05	1.27e-04	-6.02e-05
146	1	5.62e-03	1.70e-03	-1.61e-03	3.25e-05	1.28e-04	-3.57e-05
146	29	6.21e-03	1.44e-03	-1.43e-03	3.97e-05	1.44e-04	-3.84e-05
146	33	4.95e-03	8.79e-04	-1.10e-03	2.32e-05	1.11e-04	-3.25e-05
146	61	5.23e-03	7.51e-04	-1.01e-03	2.65e-05	1.19e-04	-3.37e-05
146	65	4.90e-03	8.17e-04	-1.06e-03	2.25e-05	1.10e-04	-3.22e-05
146	93	5.16e-03	7.00e-04	-9.79e-04	2.55e-05	1.17e-04	-3.34e-05
147	1	1.66e-03	7.34e-04	-8.18e-04	2.20e-05	8.23e-05	-1.22e-05
147	29	1.82e-03	6.11e-04	-7.26e-04	2.70e-05	9.11e-05	-1.32e-05
147	33	1.47e-03	3.69e-04	-5.59e-04	1.58e-05	7.22e-05	-1.11e-05
147	61	1.55e-03	3.07e-04	-5.13e-04	1.81e-05	7.64e-05	-1.16e-05
147	65	1.46e-03	3.41e-04	-5.39e-04	1.53e-05	7.15e-05	-1.11e-05
147	93	1.53e-03	2.85e-04	-4.97e-04	1.75e-05	7.53e-05	-1.15e-05
148	1	0.0	0.0	0.0	0.0	0.0	0.0
148	33	0.0	0.0	0.0	0.0	0.0	0.0
148	65	0.0	0.0	0.0	0.0	0.0	0.0
149	1	0.02	7.80e-03	-5.82e-03	1.04e-04	-1.79e-04	-1.27e-04
149	29	0.03	6.94e-03	-5.26e-03	5.21e-05	-1.69e-04	-1.42e-04
149	33	0.02	4.27e-03	-4.16e-03	8.64e-05	-2.05e-04	-1.08e-04
149	61	0.02	3.83e-03	-3.88e-03	6.18e-05	-2.01e-04	-1.15e-04
149	65	0.02	4.01e-03	-4.03e-03	8.50e-05	-2.07e-04	-1.06e-04
149	93	0.02	3.60e-03	-3.77e-03	6.25e-05	-2.03e-04	-1.13e-04
150	1	0.01	0.01	-5.91e-03	-2.80e-05	-3.90e-04	-5.07e-05
150	29	0.02	9.30e-03	-5.33e-03	-2.37e-05	-3.88e-04	-6.69e-05
150	33	6.05e-03	6.13e-03	-4.20e-03	-1.38e-05	-4.19e-04	-3.07e-05
150	61	8.64e-03	5.60e-03	-3.90e-03	-1.17e-05	-4.18e-04	-3.82e-05
150	65	5.65e-03	5.81e-03	-4.07e-03	-1.28e-05	-4.21e-04	-2.92e-05
150	93	8.01e-03	5.33e-03	-3.80e-03	-1.08e-05	-4.20e-04	-3.61e-05
151	1	0.02	6.31e-03	-5.36e-03	-3.21e-05	-1.36e-05	-1.45e-04
151	29	0.03	5.61e-03	-4.84e-03	-4.66e-05	1.07e-05	-1.60e-04
151	33	0.02	3.40e-03	-3.78e-03	-1.50e-05	-3.77e-05	-1.30e-04
151	61	0.02	3.04e-03	-3.51e-03	-2.17e-05	-2.63e-05	-1.37e-04
151	65	0.02	3.18e-03	-3.66e-03	-1.37e-05	-3.95e-05	-1.28e-04
151	93	0.02	2.85e-03	-3.42e-03	-1.98e-05	-2.91e-05	-1.35e-04
152	1	0.02	5.12e-03	-4.67e-03	-4.60e-05	9.05e-05	-1.29e-04
152	29	0.03	4.53e-03	-4.20e-03	-6.29e-05	1.18e-04	-1.40e-04
152	33	0.02	2.76e-03	-3.23e-03	-2.92e-05	6.59e-05	-1.16e-04
152	61	0.02	2.46e-03	-2.99e-03	-3.70e-05	7.89e-05	-1.22e-04
152	65	0.02	2.58e-03	-3.12e-03	-2.79e-05	6.41e-05	-1.16e-04
152	93	0.02	2.30e-03	-2.90e-03	-3.51e-05	7.60e-05	-1.20e-04
153	1	0.02	3.98e-03	-3.90e-03	-5.11e-05	1.49e-04	-1.00e-04
153	29	0.02	3.50e-03	-3.48e-03	-6.76e-05	1.76e-04	-1.08e-04
153	33	0.02	2.15e-03	-2.64e-03	-3.47e-05	1.25e-04	-9.12e-05
153	61	0.02	1.90e-03	-2.43e-03	-4.23e-05	1.37e-04	-9.51e-05
153	65	0.02	2.01e-03	-2.55e-03	-3.35e-05	1.23e-04	-9.06e-05
153	93	0.02	1.78e-03	-2.36e-03	-4.05e-05	1.35e-04	-9.41e-05
154	1	0.01	2.87e-03	-3.05e-03	-5.03e-05	1.70e-04	-6.81e-05
154	29	0.01	2.50e-03	-2.71e-03	-6.49e-05	1.93e-04	-7.33e-05
154	33	0.01	1.55e-03	-2.03e-03	-3.51e-05	1.47e-04	-6.23e-05
154	61	0.01	1.36e-03	-1.87e-03	-4.18e-05	1.58e-04	-6.47e-05
154	65	0.01	1.45e-03	-1.96e-03	-3.39e-05	1.45e-04	-6.18e-05

154	93	0.01	1.27e-03	-1.80e-03	-4.01e-05	1.56e-04	-6.41e-05
155	1	6.82e-03	1.80e-03	-2.11e-03	-4.30e-05	1.54e-04	-3.75e-05
155	29	7.51e-03	1.54e-03	-1.87e-03	-5.43e-05	1.72e-04	-4.02e-05
155	33	6.06e-03	9.62e-04	-1.39e-03	-3.05e-05	1.35e-04	-3.44e-05
155	61	6.39e-03	8.35e-04	-1.27e-03	-3.58e-05	1.44e-04	-3.56e-05
155	65	6.00e-03	8.99e-04	-1.34e-03	-2.96e-05	1.34e-04	-3.41e-05
155	93	6.30e-03	7.82e-04	-1.23e-03	-3.44e-05	1.42e-04	-3.53e-05
156	1	2.06e-03	7.75e-04	-1.06e-03	-2.66e-05	9.97e-05	-1.34e-05
156	29	2.25e-03	6.57e-04	-9.37e-04	-3.27e-05	1.10e-04	-1.44e-05
156	33	1.85e-03	4.12e-04	-6.95e-04	-1.93e-05	8.84e-05	-1.22e-05
156	61	1.94e-03	3.52e-04	-6.35e-04	-2.22e-05	9.33e-05	-1.27e-05
156	65	1.83e-03	3.84e-04	-6.68e-04	-1.88e-05	8.76e-05	-1.21e-05
156	93	1.91e-03	3.30e-04	-6.13e-04	-2.14e-05	9.21e-05	-1.25e-05
157	1	0.0	0.0	0.0	0.0	0.0	0.0
157	33	0.0	0.0	0.0	0.0	0.0	0.0
157	65	0.0	0.0	0.0	0.0	0.0	0.0
158	1	0.03	7.79e-03	-8.50e-03	4.29e-06	-2.01e-04	-1.82e-04
158	29	0.03	6.97e-03	-7.75e-03	3.89e-06	-1.83e-04	-2.04e-04
158	33	0.02	4.32e-03	-6.20e-03	4.89e-06	-2.29e-04	-1.64e-04
158	61	0.03	3.90e-03	-5.82e-03	4.71e-06	-2.21e-04	-1.75e-04
158	65	0.02	4.05e-03	-6.03e-03	4.93e-06	-2.31e-04	-1.63e-04
158	93	0.02	3.67e-03	-5.68e-03	4.77e-06	-2.24e-04	-1.72e-04
159	1	0.03	6.45e-03	-6.94e-03	0.0	9.19e-06	-1.70e-04
159	29	0.04	5.76e-03	-6.25e-03	0.0	3.70e-05	-1.86e-04
159	33	0.03	3.56e-03	-4.81e-03	0.0	-1.79e-05	-1.55e-04
159	61	0.03	3.21e-03	-4.47e-03	0.0	-4.95e-06	-1.62e-04
159	65	0.03	3.34e-03	-4.65e-03	0.0	-1.99e-05	-1.54e-04
159	93	0.03	3.02e-03	-4.33e-03	0.0	-8.04e-06	-1.60e-04
160	1	0.03	5.28e-03	-5.86e-03	-2.54e-06	1.19e-04	-1.41e-04
160	29	0.03	4.70e-03	-5.25e-03	-3.20e-06	1.50e-04	-1.53e-04
160	33	0.02	2.93e-03	-3.93e-03	-1.95e-06	9.15e-05	-1.29e-04
160	61	0.03	2.63e-03	-3.62e-03	-2.26e-06	1.06e-04	-1.35e-04
160	65	0.02	2.75e-03	-3.78e-03	-1.91e-06	8.94e-05	-1.28e-04
160	93	0.03	2.48e-03	-3.50e-03	-2.19e-06	1.03e-04	-1.33e-04
161	1	0.02	4.16e-03	-4.90e-03	-3.80e-06	1.78e-04	-1.06e-04
161	29	0.02	3.68e-03	-4.36e-03	-4.45e-06	2.09e-04	-1.14e-04
161	33	0.02	2.31e-03	-3.20e-03	-3.22e-06	1.51e-04	-9.71e-05
161	61	0.02	2.06e-03	-2.92e-03	-3.52e-06	1.65e-04	-1.01e-04
161	65	0.02	2.17e-03	-3.07e-03	-3.18e-06	1.49e-04	-9.64e-05
161	93	0.02	1.94e-03	-2.82e-03	-3.46e-06	1.62e-04	-9.98e-05
162	1	0.02	3.06e-03	-3.94e-03	-4.20e-06	1.97e-04	-6.80e-05
162	29	0.02	2.68e-03	-3.48e-03	-4.76e-06	2.23e-04	-7.24e-05
162	33	0.01	1.70e-03	-2.50e-03	-3.66e-06	1.72e-04	-6.27e-05
162	61	0.01	1.51e-03	-2.27e-03	-3.92e-06	1.84e-04	-6.48e-05
162	65	0.01	1.59e-03	-2.39e-03	-3.62e-06	1.70e-04	-6.24e-05
162	93	0.01	1.42e-03	-2.18e-03	-3.86e-06	1.81e-04	-6.42e-05
163	1	7.94e-03	1.99e-03	-2.88e-03	-3.76e-06	1.76e-04	-2.67e-05
163	29	8.71e-03	1.73e-03	-2.53e-03	-4.19e-06	1.96e-04	-3.41e-05
163	33	7.12e-03	1.11e-03	-1.79e-03	-3.32e-06	1.56e-04	-2.74e-05
163	61	7.48e-03	9.73e-04	-1.61e-03	-3.52e-06	1.65e-04	-3.09e-05
163	65	7.06e-03	1.04e-03	-1.71e-03	-3.29e-06	1.54e-04	-2.75e-05
163	93	7.39e-03	9.17e-04	-1.55e-03	-3.48e-06	1.63e-04	-3.07e-05
164	1	2.36e-03	9.93e-04	-1.65e-03	-2.42e-06	1.13e-04	-3.51e-06
164	29	2.57e-03	8.53e-04	-1.44e-03	-2.66e-06	1.25e-04	-3.30e-06
164	33	2.14e-03	5.56e-04	-1.00e-03	-2.16e-06	1.01e-04	-3.90e-06
164	61	2.23e-03	4.86e-04	-8.97e-04	-2.27e-06	1.07e-04	-3.81e-06
164	65	2.12e-03	5.23e-04	-9.54e-04	-2.14e-06	1.00e-04	-3.93e-06
164	93	2.21e-03	4.58e-04	-8.57e-04	-2.24e-06	1.05e-04	-3.85e-06
165	13	0.17	-0.02	-0.02	0.0	-3.26e-05	8.38e-05
165	14	0.16	-0.02	-0.02	0.0	-7.01e-05	1.06e-04
165	45	0.11	-8.92e-03	-0.01	0.0	-2.39e-04	1.53e-04
165	46	0.10	-0.01	-0.01	1.03e-06	-2.57e-04	1.64e-04
165	77	0.10	-8.28e-03	-0.01	1.03e-06	-2.55e-04	1.59e-04
165	78	0.10	-9.63e-03	-0.01	1.09e-06	-2.72e-04	1.68e-04
166	13	0.17	-0.02	-0.01	-1.10e-06	1.24e-04	6.46e-06
166	14	0.16	-0.02	-0.01	0.0	8.80e-05	2.94e-05
166	45	0.10	-8.60e-03	-7.54e-03	0.0	-6.99e-05	8.30e-05
166	46	0.10	-0.01	-8.16e-03	0.0	-8.71e-05	9.38e-05
166	77	0.10	-8.00e-03	-7.28e-03	0.0	-8.48e-05	8.89e-05
166	78	0.09	-9.28e-03	-7.85e-03	0.0	-1.00e-04	9.88e-05
167	13	0.17	-0.03	-0.01	0.0	-2.35e-04	-2.83e-04
167	14	0.15	-0.03	-0.01	0.0	-3.64e-04	-2.49e-04
167	45	0.09	-0.01	-8.65e-03	0.0	-4.95e-04	-1.59e-04
167	46	0.08	-0.02	-9.29e-03	0.0	-5.09e-04	-1.43e-04
167	77	0.08	-0.01	-8.39e-03	0.0	-5.08e-04	-1.49e-04
167	78	0.08	-0.02	-8.98e-03	0.0	-5.20e-04	-1.35e-04
168	13	0.16	-0.01	-0.01	-1.70e-06	4.23e-04	8.66e-05

168	14	0.15	-0.01	-0.02	-1.53e-06	3.81e-04	1.05e-04
168	45	0.10	-6.45e-03	-8.83e-03	0.0	1.97e-04	1.48e-04
168	46	0.10	-7.54e-03	-9.69e-03	0.0	1.77e-04	1.57e-04
168	77	0.10	-5.99e-03	-8.46e-03	0.0	1.79e-04	1.53e-04
168	78	0.10	-6.98e-03	-9.25e-03	0.0	1.61e-04	1.61e-04
169	13	0.15	-0.01	-9.92e-03	-2.07e-06	4.57e-04	4.67e-05
169	14	0.14	-0.01	-0.01	-1.84e-06	4.11e-04	6.60e-05
169	45	0.10	-6.08e-03	-6.68e-03	0.0	2.17e-04	1.12e-04
169	46	0.09	-7.12e-03	-7.27e-03	0.0	1.96e-04	1.21e-04
169	77	0.09	-5.63e-03	-6.43e-03	0.0	1.99e-04	1.17e-04
169	78	0.09	-6.58e-03	-6.97e-03	0.0	1.79e-04	1.25e-04
170	13	0.13	-9.33e-03	-0.01	-2.50e-06	6.21e-04	5.88e-05
170	14	0.12	-0.01	-0.01	-2.31e-06	5.74e-04	7.48e-05
170	45	0.09	-4.78e-03	-7.07e-03	-1.51e-06	3.75e-04	1.14e-04
170	46	0.08	-5.60e-03	-7.79e-03	-1.42e-06	3.52e-04	1.21e-04
170	77	0.09	-4.43e-03	-6.76e-03	-1.43e-06	3.56e-04	1.18e-04
170	78	0.08	-5.18e-03	-7.42e-03	-1.35e-06	3.35e-04	1.25e-04
171	13	0.13	-8.85e-03	-8.49e-03	-2.64e-06	6.16e-04	3.83e-05
171	14	0.12	-0.01	-9.61e-03	-2.40e-06	5.67e-04	5.42e-05
171	45	0.08	-4.50e-03	-5.62e-03	-1.50e-06	3.65e-04	9.37e-05
171	46	0.08	-5.28e-03	-6.14e-03	-1.39e-06	3.41e-04	1.01e-04
171	77	0.08	-4.16e-03	-5.39e-03	-1.42e-06	3.45e-04	9.80e-05
171	78	0.08	-4.88e-03	-5.87e-03	-1.31e-06	3.24e-04	1.05e-04
172	13	0.10	-6.84e-03	-9.04e-03	-2.78e-06	6.91e-04	2.63e-05
172	14	0.09	-8.12e-03	-0.01	-2.59e-06	6.44e-04	3.94e-05
172	45	0.07	-3.50e-03	-5.68e-03	-1.81e-06	4.49e-04	7.39e-05
172	46	0.06	-4.10e-03	-6.28e-03	-1.71e-06	4.26e-04	8.01e-05
172	77	0.06	-3.24e-03	-5.42e-03	-1.73e-06	4.30e-04	7.76e-05
172	78	0.06	-3.79e-03	-5.97e-03	-1.65e-06	4.09e-04	8.32e-05
173	13	0.09	-6.43e-03	-7.01e-03	-2.89e-06	6.78e-04	2.01e-05
173	14	0.09	-7.65e-03	-7.96e-03	-2.65e-06	6.29e-04	3.27e-05
173	45	0.06	-3.26e-03	-4.57e-03	-1.77e-06	4.31e-04	6.50e-05
173	46	0.06	-3.83e-03	-5.01e-03	-1.65e-06	4.08e-04	7.09e-05
173	77	0.06	-3.02e-03	-4.38e-03	-1.68e-06	4.12e-04	6.85e-05
173	78	0.06	-3.54e-03	-4.79e-03	-1.58e-06	3.91e-04	7.39e-05
174	13	0.06	-4.74e-03	-7.10e-03	-2.65e-06	6.60e-04	-5.55e-06
174	14	0.06	-5.62e-03	-8.14e-03	-2.48e-06	6.17e-04	4.95e-06
174	45	0.04	-2.45e-03	-4.40e-03	-1.79e-06	4.45e-04	3.48e-05
174	46	0.04	-2.86e-03	-4.89e-03	-1.71e-06	4.25e-04	3.97e-05
174	77	0.04	-2.27e-03	-4.19e-03	-1.73e-06	4.29e-04	3.79e-05
174	78	0.04	-2.65e-03	-4.64e-03	-1.65e-06	4.10e-04	4.24e-05
175	13	0.06	-4.37e-03	-5.46e-03	-2.79e-06	6.45e-04	2.39e-06
175	14	0.06	-5.20e-03	-6.21e-03	-2.57e-06	6.00e-04	1.17e-05
175	45	0.04	-2.23e-03	-3.52e-03	-1.76e-06	4.26e-04	3.67e-05
175	46	0.04	-2.61e-03	-3.87e-03	-1.66e-06	4.05e-04	4.10e-05
175	77	0.04	-2.06e-03	-3.37e-03	-1.69e-06	4.09e-04	3.93e-05
175	78	0.04	-2.42e-03	-3.69e-03	-1.59e-06	3.90e-04	4.33e-05
176	13	0.03	-2.96e-03	-5.08e-03	-2.13e-06	5.29e-04	-2.88e-05
176	14	0.03	-3.49e-03	-5.84e-03	-2.00e-06	4.96e-04	-2.11e-05
176	45	0.02	-1.56e-03	-3.11e-03	-1.48e-06	3.68e-04	2.65e-06
176	46	0.02	-1.81e-03	-3.46e-03	-1.42e-06	3.53e-04	6.27e-06
176	77	0.02	-1.45e-03	-2.96e-03	-1.43e-06	3.56e-04	5.06e-06
176	78	0.02	-1.68e-03	-3.28e-03	-1.37e-06	3.41e-04	8.37e-06
177	13	0.03	-2.61e-03	-3.78e-03	-2.33e-06	5.17e-04	-7.52e-06
177	14	0.03	-3.09e-03	-4.31e-03	-2.15e-06	4.83e-04	-1.72e-06
177	45	0.02	-1.35e-03	-2.42e-03	-1.50e-06	3.52e-04	1.47e-05
177	46	0.02	-1.57e-03	-2.66e-03	-1.42e-06	3.35e-04	1.74e-05
177	77	0.02	-1.25e-03	-2.31e-03	-1.44e-06	3.39e-04	1.64e-05
177	78	0.02	-1.46e-03	-2.54e-03	-1.36e-06	3.24e-04	1.89e-05
178	13	7.72e-03	-1.45e-03	-2.84e-03	-1.19e-06	2.95e-04	-3.54e-05
178	14	7.33e-03	-1.70e-03	-3.28e-03	-1.12e-06	2.79e-04	-3.10e-05
178	45	5.78e-03	-8.00e-04	-1.72e-03	0.0	2.14e-04	-1.60e-05
178	46	5.60e-03	-9.16e-04	-1.92e-03	0.0	2.06e-04	-1.39e-05
178	77	5.63e-03	-7.50e-04	-1.63e-03	0.0	2.08e-04	-1.45e-05
178	78	5.46e-03	-8.56e-04	-1.82e-03	0.0	2.01e-04	-1.26e-05
179	13	8.15e-03	-1.09e-03	-1.91e-03	-1.50e-06	3.02e-04	-5.22e-06
179	14	7.66e-03	-1.28e-03	-2.18e-03	-1.38e-06	2.83e-04	-3.04e-06
179	45	5.77e-03	-5.79e-04	-1.22e-03	0.0	2.10e-04	3.20e-06
179	46	5.54e-03	-6.69e-04	-1.35e-03	0.0	2.01e-04	4.22e-06
179	77	5.59e-03	-5.39e-04	-1.17e-03	0.0	2.03e-04	3.84e-06
179	78	5.38e-03	-6.23e-04	-1.28e-03	0.0	1.95e-04	4.78e-06
180	1	0.0	0.0	0.0	0.0	0.0	0.0
180	33	0.0	0.0	0.0	0.0	0.0	0.0
180	65	0.0	0.0	0.0	0.0	0.0	0.0
181	13	0.17	-0.02	-6.62e-03	-1.11e-06	2.76e-04	-4.78e-05
181	14	0.15	-0.02	-7.37e-03	0.0	2.33e-04	-2.21e-05
181	45	0.10	-8.35e-03	-4.73e-03	0.0	5.36e-05	4.37e-05

181	46	0.09	-9.68e-03	-5.08e-03	0.0	3.34e-05	5.59e-05
181	77	0.09	-7.78e-03	-4.58e-03	0.0	3.65e-05	5.07e-05
181	78	0.09	-9.00e-03	-4.91e-03	0.0	1.80e-05	6.18e-05
182	13	0.18	-0.02	-6.76e-03	0.0	1.07e-04	-2.15e-04
182	14	0.16	-0.03	-7.54e-03	0.0	6.87e-05	-1.81e-04
182	45	0.10	-0.01	-4.82e-03	0.0	-9.40e-05	-9.11e-05
182	46	0.09	-0.01	-5.19e-03	0.0	-1.12e-04	-7.53e-05
182	77	0.09	-0.01	-4.67e-03	0.0	-1.09e-04	-8.17e-05
182	78	0.09	-0.01	-5.01e-03	0.0	-1.26e-04	-6.72e-05
183	13	0.15	-0.01	-6.51e-03	-1.94e-06	4.83e-04	1.60e-05
183	14	0.14	-0.01	-7.28e-03	-1.75e-06	4.35e-04	3.55e-05
183	45	0.09	-5.96e-03	-4.58e-03	0.0	2.35e-04	8.42e-05
183	46	0.09	-6.97e-03	-4.94e-03	0.0	2.12e-04	9.34e-05
183	77	0.09	-5.52e-03	-4.43e-03	0.0	2.15e-04	8.94e-05
183	78	0.08	-6.45e-03	-4.76e-03	0.0	1.94e-04	9.78e-05
184	13	0.12	-8.57e-03	-5.96e-03	-2.48e-06	6.17e-04	1.81e-05
184	14	0.11	-0.01	-6.69e-03	-2.27e-06	5.65e-04	3.38e-05
184	45	0.08	-4.35e-03	-4.12e-03	-1.43e-06	3.56e-04	7.34e-05
184	46	0.07	-5.11e-03	-4.46e-03	-1.33e-06	3.31e-04	8.08e-05
184	77	0.07	-4.03e-03	-3.98e-03	-1.35e-06	3.36e-04	7.76e-05
184	78	0.07	-4.72e-03	-4.29e-03	-1.26e-06	3.13e-04	8.44e-05
185	13	0.09	-6.16e-03	-5.08e-03	-2.68e-06	6.67e-04	9.40e-06
185	14	0.08	-7.33e-03	-5.71e-03	-2.48e-06	6.16e-04	2.13e-05
185	45	0.06	-3.11e-03	-3.46e-03	-1.66e-06	4.12e-04	5.21e-05
185	46	0.06	-3.65e-03	-3.76e-03	-1.56e-06	3.88e-04	5.77e-05
185	77	0.06	-2.87e-03	-3.34e-03	-1.58e-06	3.93e-04	5.53e-05
185	78	0.05	-3.37e-03	-3.61e-03	-1.49e-06	3.70e-04	6.05e-05
186	13	0.06	-4.10e-03	-3.99e-03	-2.55e-06	6.33e-04	1.93e-06
186	14	0.05	-4.89e-03	-4.49e-03	-2.36e-06	5.86e-04	1.02e-05
186	45	0.04	-2.07e-03	-2.69e-03	-1.64e-06	4.07e-04	3.17e-05
186	46	0.04	-2.43e-03	-2.93e-03	-1.55e-06	3.85e-04	3.56e-05
186	77	0.04	-1.91e-03	-2.59e-03	-1.57e-06	3.89e-04	3.40e-05
186	78	0.03	-2.25e-03	-2.81e-03	-1.48e-06	3.69e-04	3.75e-05
187	13	0.03	-2.35e-03	-2.73e-03	-2.06e-06	5.11e-04	0.0
187	14	0.03	-2.80e-03	-3.08e-03	-1.91e-06	4.74e-04	4.60e-06
187	45	0.02	-1.19e-03	-1.84e-03	-1.36e-06	3.37e-04	1.64e-05
187	46	0.02	-1.40e-03	-2.00e-03	-1.29e-06	3.20e-04	1.86e-05
187	77	0.02	-1.10e-03	-1.77e-03	-1.30e-06	3.23e-04	1.77e-05
187	78	0.02	-1.29e-03	-1.92e-03	-1.24e-06	3.08e-04	1.96e-05
188	13	7.89e-03	-9.34e-04	-1.38e-03	-1.22e-06	3.03e-04	1.15e-06
188	14	7.35e-03	-1.11e-03	-1.56e-03	-1.13e-06	2.82e-04	2.54e-06
188	45	5.36e-03	-4.74e-04	-9.28e-04	0.0	2.03e-04	6.02e-06
188	46	5.11e-03	-5.56e-04	-1.01e-03	0.0	1.93e-04	6.67e-06
188	77	5.17e-03	-4.39e-04	-8.93e-04	0.0	1.95e-04	6.39e-06
188	78	4.93e-03	-5.14e-04	-9.69e-04	0.0	1.86e-04	6.99e-06
189	1	0.0	0.0	0.0	0.0	0.0	0.0
189	33	0.0	0.0	0.0	0.0	0.0	0.0
189	65	0.0	0.0	0.0	0.0	0.0	0.0
190	13	0.17	-0.01	-3.92e-03	0.0	3.84e-04	-7.39e-05
190	14	0.15	-0.02	-4.31e-03	0.0	3.35e-04	-4.87e-05
190	45	0.10	-7.91e-03	-2.99e-03	0.0	1.37e-04	1.93e-05
190	46	0.09	-9.16e-03	-3.17e-03	0.0	1.13e-04	3.12e-05
190	77	0.09	-7.37e-03	-2.92e-03	0.0	1.18e-04	2.65e-05
190	78	0.09	-8.52e-03	-3.09e-03	0.0	9.65e-05	3.73e-05
191	13	0.18	-0.02	-4.02e-03	0.0	3.00e-04	-1.74e-04
191	14	0.17	-0.02	-4.42e-03	0.0	2.54e-04	-1.43e-04
191	45	0.10	-0.01	-3.05e-03	0.0	6.45e-05	-5.67e-05
191	46	0.09	-0.01	-3.24e-03	0.0	4.27e-05	-4.19e-05
191	77	0.10	-9.58e-03	-2.98e-03	0.0	4.64e-05	-4.77e-05
191	78	0.09	-0.01	-3.15e-03	0.0	2.65e-05	-3.42e-05
192	13	0.15	-0.01	-3.99e-03	-1.70e-06	5.18e-04	-1.94e-05
192	14	0.13	-0.01	-4.40e-03	-1.54e-06	4.65e-04	0.0
192	45	0.09	-5.88e-03	-3.00e-03	0.0	2.54e-04	5.13e-05
192	46	0.08	-6.87e-03	-3.19e-03	0.0	2.29e-04	6.04e-05
192	77	0.08	-5.46e-03	-2.92e-03	0.0	2.34e-04	5.67e-05
192	78	0.08	-6.36e-03	-3.10e-03	0.0	2.11e-04	6.50e-05
193	13	0.12	-8.44e-03	-3.84e-03	-2.25e-06	6.22e-04	-8.26e-06
193	14	0.11	-0.01	-4.25e-03	-2.07e-06	5.67e-04	6.82e-06
193	45	0.07	-4.30e-03	-2.84e-03	-1.32e-06	3.50e-04	4.70e-05
193	46	0.07	-5.05e-03	-3.03e-03	-1.23e-06	3.24e-04	5.41e-05
193	77	0.07	-3.99e-03	-2.76e-03	-1.25e-06	3.29e-04	5.12e-05
193	78	0.07	-4.67e-03	-2.93e-03	-1.17e-06	3.05e-04	5.77e-05
194	13	0.09	-6.01e-03	-3.40e-03	-2.43e-06	6.63e-04	-8.33e-06
194	14	0.08	-7.15e-03	-3.77e-03	-2.25e-06	6.09e-04	2.92e-06
194	45	0.06	-3.03e-03	-2.47e-03	-1.52e-06	3.99e-04	3.29e-05
194	46	0.05	-3.57e-03	-2.65e-03	-1.44e-06	3.73e-04	3.82e-05
194	77	0.05	-2.81e-03	-2.40e-03	-1.46e-06	3.79e-04	3.61e-05

194	78	0.05	-3.30e-03	-2.56e-03	-1.38e-06	3.55e-04	4.09e-05
195	13	0.06	-3.94e-03	-2.72e-03	-2.28e-06	6.27e-04	-7.21e-06
195	14	0.05	-4.70e-03	-3.03e-03	-2.12e-06	5.78e-04	0.0
195	45	0.04	-1.98e-03	-1.97e-03	-1.49e-06	3.92e-04	2.01e-05
195	46	0.03	-2.33e-03	-2.11e-03	-1.42e-06	3.69e-04	2.36e-05
195	77	0.03	-1.83e-03	-1.91e-03	-1.43e-06	3.74e-04	2.22e-05
195	78	0.03	-2.15e-03	-2.04e-03	-1.36e-06	3.53e-04	2.54e-05
196	13	0.03	-2.22e-03	-1.89e-03	-1.82e-06	5.07e-04	-3.16e-06
196	14	0.03	-2.64e-03	-2.10e-03	-1.70e-06	4.68e-04	0.0
196	45	0.02	-1.10e-03	-1.36e-03	-1.23e-06	3.25e-04	1.08e-05
196	46	0.02	-1.30e-03	-1.46e-03	-1.17e-06	3.07e-04	1.26e-05
196	77	0.02	-1.02e-03	-1.32e-03	-1.18e-06	3.11e-04	1.19e-05
196	78	0.02	-1.20e-03	-1.41e-03	-1.13e-06	2.94e-04	1.35e-05
197	13	7.58e-03	-8.72e-04	-9.67e-04	-1.07e-06	2.98e-04	0.0
197	14	7.02e-03	-1.04e-03	-1.07e-03	-1.00e-06	2.76e-04	0.0
197	45	4.98e-03	-4.29e-04	-6.94e-04	0.0	1.94e-04	3.76e-06
197	46	4.71e-03	-5.07e-04	-7.45e-04	0.0	1.83e-04	4.31e-06
197	77	4.78e-03	-3.95e-04	-6.73e-04	0.0	1.86e-04	4.08e-06
197	78	4.53e-03	-4.67e-04	-7.19e-04	0.0	1.76e-04	4.58e-06
198	1	0.0	0.0	0.0	0.0	0.0	0.0
198	33	0.0	0.0	0.0	0.0	0.0	0.0
198	65	0.0	0.0	0.0	0.0	0.0	0.0
199	10	0.17	-0.02	-2.21e-03	-2.25e-06	4.43e-04	-6.80e-05
199	13	0.17	-0.01	-2.09e-03	-2.31e-06	4.54e-04	-8.62e-05
199	14	0.15	-0.02	-2.21e-03	-2.03e-06	4.00e-04	-6.33e-05
199	42	0.09	-8.56e-03	-1.90e-03	0.0	1.82e-04	1.13e-05
199	45	0.10	-7.46e-03	-1.85e-03	-1.00e-06	1.87e-04	2.68e-06
199	46	0.09	-8.65e-03	-1.90e-03	0.0	1.61e-04	1.35e-05
199	74	0.09	-7.96e-03	-1.88e-03	0.0	1.62e-04	1.73e-05
199	77	0.09	-6.96e-03	-1.83e-03	0.0	1.66e-04	9.48e-06
199	78	0.08	-8.05e-03	-1.88e-03	0.0	1.43e-04	1.94e-05
200	10	0.19	-0.02	-2.30e-03	-2.13e-06	3.93e-04	-1.24e-04
200	13	0.19	-0.02	-2.16e-03	-2.19e-06	4.03e-04	-1.46e-04
200	14	0.17	-0.02	-2.29e-03	-1.91e-06	3.51e-04	-1.18e-04
200	45	0.10	-9.11e-03	-1.89e-03	0.0	1.44e-04	-3.72e-05
200	46	0.10	-0.01	-1.95e-03	0.0	1.19e-04	-2.40e-05
200	77	0.10	-8.52e-03	-1.87e-03	0.0	1.24e-04	-2.89e-05
200	78	0.09	-9.80e-03	-1.93e-03	0.0	1.01e-04	-1.68e-05
201	13	0.15	-0.01	-2.18e-03	-2.55e-06	5.49e-04	-5.17e-05
201	14	0.13	-0.01	-2.33e-03	-2.27e-06	4.92e-04	-3.35e-05
201	45	0.09	-5.78e-03	-1.88e-03	-1.23e-06	2.70e-04	1.87e-05
201	46	0.08	-6.74e-03	-1.95e-03	-1.10e-06	2.43e-04	2.73e-05
201	77	0.08	-5.37e-03	-1.86e-03	-1.13e-06	2.48e-04	2.41e-05
201	78	0.08	-6.25e-03	-1.92e-03	-1.01e-06	2.24e-04	3.19e-05
202	13	0.12	-8.35e-03	-2.20e-03	-2.82e-06	6.32e-04	-4.00e-05
202	14	0.11	-9.91e-03	-2.36e-03	-2.54e-06	5.73e-04	-2.56e-05
202	45	0.07	-4.29e-03	-1.84e-03	-1.51e-06	3.48e-04	1.53e-05
202	46	0.07	-5.02e-03	-1.91e-03	-1.37e-06	3.20e-04	2.21e-05
202	77	0.07	-3.98e-03	-1.81e-03	-1.41e-06	3.26e-04	1.95e-05
202	78	0.06	-4.65e-03	-1.88e-03	-1.28e-06	3.01e-04	2.57e-05
203	13	0.09	-5.94e-03	-2.03e-03	-2.96e-06	6.66e-04	-3.28e-05
203	14	0.08	-7.06e-03	-2.19e-03	-2.68e-06	6.09e-04	-2.22e-05
203	45	0.05	-3.02e-03	-1.66e-03	-1.68e-06	3.92e-04	8.01e-06
203	46	0.05	-3.54e-03	-1.73e-03	-1.55e-06	3.65e-04	1.30e-05
203	77	0.05	-2.79e-03	-1.63e-03	-1.59e-06	3.71e-04	1.11e-05
203	78	0.05	-3.27e-03	-1.70e-03	-1.47e-06	3.46e-04	1.57e-05
204	13	0.05	-3.87e-03	-1.68e-03	-2.80e-06	6.29e-04	-2.33e-05
204	14	0.05	-4.61e-03	-1.81e-03	-2.55e-06	5.77e-04	-1.63e-05
204	45	0.03	-1.94e-03	-1.35e-03	-1.66e-06	3.85e-04	3.27e-06
204	46	0.03	-2.29e-03	-1.42e-03	-1.54e-06	3.60e-04	6.55e-06
204	77	0.03	-1.80e-03	-1.33e-03	-1.57e-06	3.66e-04	5.30e-06
204	78	0.03	-2.11e-03	-1.39e-03	-1.46e-06	3.43e-04	8.30e-06
205	13	0.03	-2.16e-03	-1.19e-03	-2.27e-06	5.07e-04	-1.20e-05
205	14	0.02	-2.57e-03	-1.29e-03	-2.07e-06	4.67e-04	-8.45e-06
205	45	0.02	-1.07e-03	-9.53e-04	-1.37e-06	3.17e-04	1.44e-06
205	46	0.02	-1.26e-03	-9.98e-04	-1.28e-06	2.98e-04	3.13e-06
205	77	0.02	-9.87e-04	-9.35e-04	-1.30e-06	3.03e-04	2.47e-06
205	78	0.02	-1.16e-03	-9.76e-04	-1.22e-06	2.85e-04	4.02e-06
206	13	7.37e-03	-8.53e-04	-6.21e-04	-1.33e-06	2.97e-04	-3.54e-06
206	14	6.79e-03	-1.02e-03	-6.72e-04	-1.22e-06	2.73e-04	-2.45e-06
206	45	4.71e-03	-4.13e-04	-4.96e-04	0.0	1.88e-04	0.0
206	46	4.44e-03	-4.91e-04	-5.20e-04	0.0	1.77e-04	1.02e-06
206	77	4.51e-03	-3.80e-04	-4.86e-04	0.0	1.80e-04	0.0
206	78	4.26e-03	-4.51e-04	-5.08e-04	0.0	1.70e-04	1.29e-06
207	1	0.0	0.0	0.0	0.0	0.0	0.0
207	33	0.0	0.0	0.0	0.0	0.0	0.0
207	65	0.0	0.0	0.0	0.0	0.0	0.0

208	13	0.17	-0.01	-7.35e-04	7.55e-05	4.93e-04	-9.46e-05
208	14	0.15	-0.02	-6.29e-04	6.47e-05	4.35e-04	-7.44e-05
208	15	-0.10	0.01	-1.95e-03	-7.53e-05	-5.33e-04	2.01e-04
208	45	0.10	-7.10e-03	-1.02e-03	3.32e-05	2.10e-04	-1.19e-05
208	46	0.09	-8.24e-03	-9.74e-04	2.81e-05	1.82e-04	-2.40e-06
208	47	-0.03	5.49e-03	-1.60e-03	-3.87e-05	-2.80e-04	1.29e-04
208	77	0.09	-6.62e-03	-1.05e-03	3.00e-05	1.88e-04	-5.61e-06
208	78	0.08	-7.66e-03	-1.00e-03	2.53e-05	1.63e-04	3.12e-06
208	79	-0.03	4.91e-03	-1.58e-03	-3.59e-05	-2.61e-04	1.24e-04
209	13	0.19	-0.02	-7.67e-04	9.10e-05	4.60e-04	-1.20e-04
209	14	0.17	-0.02	-6.63e-04	7.93e-05	4.04e-04	-9.64e-05
209	15	-0.12	0.01	-1.95e-03	-7.12e-05	-5.47e-04	2.26e-04
209	45	0.10	-8.35e-03	-1.05e-03	4.55e-05	1.82e-04	-2.34e-05
209	46	0.10	-9.65e-03	-1.00e-03	3.99e-05	1.56e-04	-1.22e-05
209	47	-0.05	6.04e-03	-1.62e-03	-3.19e-05	-2.98e-04	1.42e-04
209	77	0.10	-7.80e-03	-1.07e-03	4.20e-05	1.61e-04	-1.60e-05
209	78	0.09	-8.99e-03	-1.03e-03	3.69e-05	1.36e-04	-5.70e-06
209	79	-0.04	5.38e-03	-1.59e-03	-2.89e-05	-2.79e-04	1.35e-04
210	13	0.14	-0.01	-8.45e-04	6.42e-05	5.70e-04	-8.23e-05
210	14	0.13	-0.01	-7.61e-04	5.43e-05	5.10e-04	-6.56e-05
210	15	-0.07	0.01	-1.79e-03	-7.75e-05	-4.88e-04	1.63e-04
210	45	0.08	-5.68e-03	-1.07e-03	2.46e-05	2.77e-04	-1.38e-05
210	46	0.08	-6.60e-03	-1.03e-03	1.99e-05	2.49e-04	-5.93e-06
210	47	-0.02	4.66e-03	-1.52e-03	-4.31e-05	-2.28e-04	1.03e-04
210	77	0.08	-5.28e-03	-1.09e-03	2.15e-05	2.55e-04	-8.58e-06
210	78	0.07	-6.13e-03	-1.05e-03	1.72e-05	2.29e-04	-1.35e-06
210	79	-0.02	4.19e-03	-1.50e-03	-4.04e-05	-2.08e-04	9.86e-05
211	13	0.12	-8.25e-03	-9.39e-04	6.60e-05	6.45e-04	-7.49e-05
211	14	0.11	-9.78e-03	-8.81e-04	5.61e-05	5.83e-04	-6.14e-05
211	15	-0.05	8.50e-03	-1.55e-03	-7.73e-05	-4.25e-04	1.23e-04
211	45	0.07	-4.28e-03	-1.08e-03	2.59e-05	3.49e-04	-1.96e-05
211	46	0.06	-4.99e-03	-1.06e-03	2.13e-05	3.20e-04	-1.32e-05
211	47	-0.01	3.71e-03	-1.38e-03	-4.25e-05	-1.62e-04	7.48e-05
211	77	0.07	-3.97e-03	-1.09e-03	2.28e-05	3.26e-04	-1.54e-05
211	78	0.06	-4.63e-03	-1.07e-03	1.86e-05	3.00e-04	-9.55e-06
211	79	-8.53e-03	3.35e-03	-1.36e-03	-3.98e-05	-1.41e-04	7.11e-05
212	13	0.09	-5.89e-03	-9.30e-04	7.29e-05	6.76e-04	-6.19e-05
212	14	0.08	-6.99e-03	-8.92e-04	6.26e-05	6.16e-04	-5.18e-05
212	15	-0.04	6.22e-03	-1.27e-03	-7.74e-05	-3.54e-04	8.56e-05
212	45	0.05	-3.02e-03	-1.01e-03	3.09e-05	3.91e-04	-2.07e-05
212	46	0.05	-3.53e-03	-9.93e-04	2.60e-05	3.63e-04	-1.59e-05
212	47	-5.70e-03	2.76e-03	-1.17e-03	-4.09e-05	-1.00e-04	4.97e-05
212	77	0.05	-2.80e-03	-1.02e-03	2.77e-05	3.70e-04	-1.75e-05
212	78	0.05	-3.27e-03	-1.00e-03	2.32e-05	3.44e-04	-1.32e-05
212	79	-3.43e-03	2.49e-03	-1.17e-03	-3.80e-05	-8.10e-05	4.69e-05
213	13	0.05	-3.83e-03	-8.09e-04	7.37e-05	6.38e-04	-4.33e-05
213	14	0.05	-4.56e-03	-7.84e-04	6.36e-05	5.84e-04	-3.66e-05
213	15	-0.02	4.16e-03	-9.75e-04	-7.29e-05	-2.79e-04	5.28e-05
213	45	0.03	-1.94e-03	-8.45e-04	3.27e-05	3.84e-04	-1.64e-05
213	46	0.03	-2.28e-03	-8.34e-04	2.80e-05	3.58e-04	-1.33e-05
213	47	-2.25e-03	1.88e-03	-9.24e-04	-3.72e-05	-5.35e-05	2.95e-05
213	77	0.03	-1.79e-03	-8.48e-04	2.96e-05	3.64e-04	-1.43e-05
213	78	0.03	-2.10e-03	-8.38e-04	2.52e-05	3.41e-04	-1.15e-05
213	79	-8.44e-04	1.70e-03	-9.21e-04	-3.45e-05	-3.62e-05	2.77e-05
214	11	-9.94e-03	2.37e-03	-6.60e-04	-6.09e-05	-2.06e-04	2.66e-05
214	13	0.03	-2.14e-03	-5.81e-04	6.24e-05	5.14e-04	-2.31e-05
214	14	0.02	-2.55e-03	-5.98e-04	5.40e-05	4.71e-04	-1.97e-05
214	43	-8.28e-04	1.09e-03	-6.39e-04	-3.05e-05	-2.71e-05	1.43e-05
214	45	0.02	-1.06e-03	-6.02e-04	2.84e-05	3.17e-04	-9.37e-06
214	46	0.02	-1.25e-03	-6.09e-04	2.44e-05	2.96e-04	-7.75e-06
214	75	-1.29e-04	9.89e-04	-6.38e-04	-2.81e-05	-1.33e-05	1.34e-05
214	77	0.02	-9.79e-04	-6.04e-04	2.58e-05	3.01e-04	-8.31e-06
214	78	0.01	-1.15e-03	-6.10e-04	2.21e-05	2.83e-04	-6.83e-06
215	13	7.29e-03	-8.50e-04	-3.15e-04	3.81e-05	3.00e-04	-7.27e-06
215	14	6.70e-03	-1.02e-03	-3.23e-04	3.30e-05	2.75e-04	-6.21e-06
215	24	7.46e-05	3.27e-05	-3.42e-04	-1.76e-05	-1.36e-06	4.10e-06
215	45	4.59e-03	-4.11e-04	-3.21e-04	1.75e-05	1.87e-04	-3.08e-06
215	46	4.31e-03	-4.88e-04	-3.24e-04	1.51e-05	1.75e-04	-2.58e-06
215	56	1.15e-03	1.43e-05	-3.33e-04	-8.98e-06	4.34e-05	2.33e-06
215	77	4.38e-03	-3.77e-04	-3.21e-04	1.60e-05	1.78e-04	-2.75e-06
215	78	4.13e-03	-4.48e-04	-3.24e-04	1.37e-05	1.68e-04	-2.30e-06
215	88	1.23e-03	1.24e-05	-3.32e-04	-8.33e-06	4.68e-05	2.20e-06
216	1	0.0	0.0	0.0	0.0	0.0	0.0
216	33	0.0	0.0	0.0	0.0	0.0	0.0
216	65	0.0	0.0	0.0	0.0	0.0	0.0
217	13	0.17	-0.01	3.78e-04	-3.20e-05	5.02e-04	-1.03e-04
217	14	0.15	-0.02	6.64e-04	-2.51e-05	4.41e-04	-8.53e-05

217	15	-0.10	0.01	-2.83e-03	6.88e-05	-5.63e-04	1.70e-04
217	45	0.09	-6.86e-03	-3.85e-04	-3.83e-06	2.08e-04	-2.69e-05
217	46	0.09	-7.95e-03	-2.51e-04	0.0	1.79e-04	-1.86e-05
217	47	-0.04	5.32e-03	-1.92e-03	4.43e-05	-3.01e-04	1.03e-04
217	77	0.09	-6.39e-03	-4.44e-04	-1.68e-06	1.85e-04	-2.11e-05
217	78	0.08	-7.40e-03	-3.21e-04	1.31e-06	1.59e-04	-1.35e-05
217	79	-0.03	4.76e-03	-1.85e-03	4.24e-05	-2.81e-04	9.81e-05
218	13	0.19	-0.01	3.97e-04	-4.40e-05	4.77e-04	-9.58e-05
218	14	0.17	-0.02	6.90e-04	-3.70e-05	4.18e-04	-7.62e-05
218	15	-0.13	0.01	-2.89e-03	5.54e-05	-5.73e-04	2.07e-04
218	45	0.10	-7.85e-03	-3.84e-04	-1.62e-05	1.87e-04	-1.16e-05
218	46	0.09	-9.09e-03	-2.47e-04	-1.29e-05	1.59e-04	-2.33e-06
218	47	-0.05	5.89e-03	-1.95e-03	3.12e-05	-3.14e-04	1.33e-04
218	77	0.10	-7.33e-03	-4.44e-04	-1.41e-05	1.65e-04	-5.12e-06
218	78	0.09	-8.46e-03	-3.18e-04	-1.10e-05	1.39e-04	3.33e-06
218	79	-0.04	5.26e-03	-1.88e-03	2.94e-05	-2.94e-04	1.27e-04
219	13	0.15	-0.01	2.51e-04	-4.43e-05	5.79e-04	-1.15e-04
219	14	0.13	-0.01	5.11e-04	-3.68e-05	5.16e-04	-9.95e-05
219	15	-0.08	0.01	-2.66e-03	6.92e-05	-5.16e-04	1.24e-04
219	45	0.08	-5.59e-03	-4.42e-04	-1.26e-05	2.76e-04	-4.83e-05
219	46	0.08	-6.49e-03	-3.20e-04	-9.14e-06	2.46e-04	-4.10e-05
219	47	-0.02	4.48e-03	-1.83e-03	4.15e-05	-2.47e-04	6.58e-05
219	77	0.08	-5.20e-03	-4.95e-04	-1.02e-05	2.53e-04	-4.32e-05
219	78	0.07	-6.03e-03	-3.84e-04	-7.01e-06	2.26e-04	-3.65e-05
219	79	-0.02	4.02e-03	-1.77e-03	3.94e-05	-2.26e-04	6.13e-05
220	13	0.12	-8.14e-03	1.22e-04	-6.80e-05	6.59e-04	-1.12e-04
220	14	0.11	-9.64e-03	3.47e-04	-5.91e-05	5.95e-04	-9.95e-05
220	15	-0.06	8.25e-03	-2.40e-03	7.24e-05	-4.49e-04	8.78e-05
220	45	0.07	-4.25e-03	-4.78e-04	-2.89e-05	3.53e-04	-5.67e-05
220	46	0.06	-4.96e-03	-3.73e-04	-2.47e-05	3.22e-04	-5.06e-05
220	47	-0.01	3.57e-03	-1.68e-03	3.81e-05	-1.76e-04	3.88e-05
220	77	0.07	-3.96e-03	-5.24e-04	-2.59e-05	3.29e-04	-5.24e-05
220	78	0.06	-4.60e-03	-4.28e-04	-2.21e-05	3.02e-04	-4.68e-05
220	79	-9.99e-03	3.21e-03	-1.63e-03	3.55e-05	-1.55e-04	3.51e-05
221	13	0.09	-5.83e-03	3.06e-05	-8.53e-05	6.94e-04	-9.26e-05
221	14	0.08	-6.92e-03	2.16e-04	-7.50e-05	6.31e-04	-8.28e-05
221	15	-0.04	6.06e-03	-2.05e-03	7.59e-05	-3.74e-04	5.87e-05
221	45	0.05	-3.01e-03	-4.63e-04	-4.04e-05	3.98e-04	-5.04e-05
221	46	0.05	-3.52e-03	-3.76e-04	-3.56e-05	3.69e-04	-4.58e-05
221	47	-6.74e-03	2.66e-03	-1.45e-03	3.65e-05	-1.12e-04	2.17e-05
221	77	0.05	-2.79e-03	-5.01e-04	3.70e-05	3.72e-04	-4.72e-05
221	78	0.05	-3.26e-03	-4.21e-04	-3.26e-05	3.49e-04	-4.30e-05
221	79	-4.43e-03	2.40e-03	-1.41e-03	3.34e-05	-9.14e-05	1.89e-05
222	13	0.05	-3.80e-03	-2.55e-05	-8.64e-05	6.54e-04	-6.39e-05
222	14	0.05	-4.52e-03	1.16e-04	-7.63e-05	5.98e-04	-5.74e-05
222	15	-0.02	4.08e-03	-1.60e-03	7.12e-05	-2.96e-04	3.51e-05
222	45	0.03	-1.93e-03	-4.00e-04	-4.26e-05	3.91e-04	-3.63e-05
222	46	0.03	-2.27e-03	-3.34e-04	-3.78e-05	3.64e-04	-3.32e-05
222	47	-2.89e-03	1.83e-03	-1.15e-03	3.27e-05	-6.23e-05	1.09e-05
222	77	0.03	-1.79e-03	-4.29e-04	-3.92e-05	3.71e-04	-3.42e-05
222	78	0.03	-2.10e-03	-3.68e-04	-3.48e-05	3.46e-04	-3.14e-05
222	79	-1.46e-03	1.66e-03	-1.12e-03	2.97e-05	-4.44e-05	9.07e-06
223	13	0.03	-2.13e-03	-4.95e-05	-7.36e-05	5.27e-04	-3.45e-05
223	14	0.02	-2.53e-03	4.46e-05	-6.50e-05	4.83e-04	-3.11e-05
223	15	-9.98e-03	2.37e-03	-1.10e-03	5.79e-05	-2.11e-04	1.68e-05
223	45	0.02	-1.06e-03	-2.98e-04	-3.70e-05	3.22e-04	-2.02e-05
223	46	0.02	-1.25e-03	-2.54e-04	-3.29e-05	3.01e-04	-1.86e-05
223	47	-9.28e-04	1.08e-03	-7.98e-04	2.58e-05	-2.95e-05	4.27e-06
223	77	0.02	-9.77e-04	-3.17e-04	-3.42e-05	3.07e-04	-1.91e-05
223	78	0.01	-1.15e-03	-2.77e-04	-3.04e-05	2.88e-04	-1.76e-05
223	79	-2.34e-04	9.86e-04	-7.75e-04	2.33e-05	-1.56e-05	3.31e-06
224	13	7.36e-03	-8.47e-04	-4.15e-05	-4.62e-05	3.08e-04	-1.11e-05
224	14	6.76e-03	-1.01e-03	5.05e-06	-4.09e-05	2.82e-04	-1.01e-05
224	15	-2.58e-03	9.91e-04	-5.59e-04	3.50e-05	-1.14e-04	4.90e-06
224	45	4.60e-03	-4.10e-04	-1.65e-04	-2.35e-05	1.91e-04	-6.65e-06
224	46	4.32e-03	-4.87e-04	-1.43e-04	-2.10e-05	1.79e-04	-6.16e-06
224	47	-1.43e-04	4.66e-04	-4.11e-04	1.52e-05	-1.07e-05	0.0
224	77	4.39e-03	-3.77e-04	-1.74e-04	-2.18e-05	1.82e-04	-6.31e-06
224	78	4.13e-03	-4.47e-04	-1.54e-04	-1.95e-05	1.71e-04	-5.86e-06
224	79	4.46e-05	4.26e-04	-4.00e-04	1.37e-05	-2.77e-06	0.0
225	1	0.0	0.0	0.0	0.0	0.0	0.0
225	33	0.0	0.0	0.0	0.0	0.0	0.0
225	65	0.0	0.0	0.0	0.0	0.0	0.0
226	13	0.17	-0.01	1.40e-03	-1.92e-06	4.77e-04	-1.13e-04
226	14	0.16	-0.01	1.87e-03	-1.67e-06	4.15e-04	-9.83e-05
226	15	-0.11	0.01	-3.84e-03	2.44e-06	-6.07e-04	1.36e-04
226	45	0.09	-6.74e-03	1.52e-04	0.0	1.77e-04	-4.42e-05

226	46	0.09	-7.82e-03	3.74e-04	0.0	1.48e-04	-3.70e-05
226	47	-0.04	5.21e-03	-2.35e-03	1.37e-06	-3.40e-04	7.48e-05
226	77	0.09	-6.28e-03	5.68e-05	0.0	1.55e-04	-3.89e-05
226	78	0.08	-7.27e-03	2.60e-04	0.0	1.28e-04	-3.23e-05
226	79	-0.03	4.66e-03	-2.23e-03	1.28e-06	-3.19e-04	7.01e-05
227	13	0.19	-0.01	1.46e-03	-1.83e-06	4.55e-04	-6.93e-05
227	14	0.17	-0.02	1.95e-03	-1.58e-06	3.93e-04	-5.35e-05
227	15	-0.13	0.01	-3.94e-03	2.49e-06	-6.20e-04	1.89e-04
227	45	0.10	-7.59e-03	1.81e-04	0.0	1.58e-04	2.50e-06
227	46	0.09	-8.81e-03	4.10e-04	0.0	1.29e-04	9.98e-06
227	47	-0.05	5.89e-03	-2.40e-03	1.43e-06	-3.55e-04	1.26e-04
227	77	0.10	-7.07e-03	8.20e-05	0.0	1.35e-04	7.99e-06
227	78	0.09	-8.19e-03	2.92e-04	0.0	1.08e-04	1.48e-05
227	79	-0.05	5.27e-03	-2.28e-03	1.35e-06	-3.35e-04	1.21e-04
228	13	0.15	-0.01	1.26e-03	-2.33e-06	5.79e-04	-1.54e-04
228	14	0.13	-0.01	1.71e-03	-2.07e-06	5.15e-04	-1.39e-04
228	15	-0.08	0.01	-3.66e-03	2.19e-06	-5.45e-04	8.45e-05
228	45	0.09	-5.53e-03	9.44e-05	-1.08e-06	2.68e-04	-8.74e-05
228	46	0.08	-6.41e-03	3.03e-04	0.0	2.38e-04	-8.06e-05
228	47	-0.02	4.32e-03	-2.25e-03	1.08e-06	-2.68e-04	2.61e-05
228	77	0.08	-5.15e-03	4.56e-06	0.0	2.44e-04	-8.24e-05
228	78	0.07	-5.96e-03	1.96e-04	0.0	2.16e-04	-7.61e-05
228	79	-0.02	3.87e-03	-2.15e-03	0.0	-2.47e-04	2.16e-05
229	13	0.12	-8.01e-03	1.13e-03	-2.74e-06	6.81e-04	-1.51e-04
229	14	0.11	-9.47e-03	1.54e-03	-2.47e-06	6.14e-04	-1.38e-04
229	15	-0.06	8.00e-03	-3.37e-03	1.88e-06	-4.67e-04	5.36e-05
229	45	0.07	-4.21e-03	6.52e-05	-1.46e-06	3.63e-04	-9.39e-05
229	46	0.07	-4.90e-03	2.56e-04	-1.33e-06	3.32e-04	-8.80e-05
229	47	-0.01	3.43e-03	-2.08e-03	0.0	-1.85e-04	3.52e-06
229	77	0.07	-3.92e-03	-1.69e-05	-1.36e-06	3.39e-04	-8.96e-05
229	78	0.06	-4.55e-03	1.58e-04	-1.25e-06	3.10e-04	-8.41e-05
229	79	-9.95e-03	3.08e-03	-1.98e-03	0.0	-1.63e-04	0.0
230	13	0.09	-5.75e-03	9.64e-04	-2.91e-06	7.22e-04	-1.20e-04
230	14	0.08	-6.82e-03	1.31e-03	-2.64e-06	6.57e-04	-1.10e-04
230	15	-0.04	5.92e-03	-2.90e-03	1.56e-06	-3.88e-04	3.29e-05
230	45	0.05	-2.98e-03	4.60e-05	-1.67e-06	4.15e-04	-7.73e-05
230	46	0.05	-3.48e-03	2.10e-04	-1.55e-06	3.84e-04	-7.28e-05
230	47	-6.66e-03	2.58e-03	-1.80e-03	0.0	-1.15e-04	-4.50e-06
230	77	0.05	-2.77e-03	-2.45e-05	-1.57e-06	3.91e-04	-7.40e-05
230	78	0.05	-3.23e-03	1.26e-04	-1.46e-06	3.63e-04	-6.99e-05
230	79	-4.30e-03	2.33e-03	-1.71e-03	0.0	-9.40e-05	-7.37e-06
231	13	0.06	-3.77e-03	7.44e-04	-2.73e-06	6.79e-04	-8.13e-05
231	14	0.05	-4.47e-03	1.02e-03	-2.50e-06	6.21e-04	-7.50e-05
231	15	-0.02	4.02e-03	-2.29e-03	1.23e-06	-3.05e-04	1.87e-05
231	45	0.03	-1.92e-03	2.40e-05	-1.64e-06	4.07e-04	-5.35e-05
231	46	0.03	-2.25e-03	1.53e-04	-1.53e-06	3.79e-04	-5.05e-05
231	47	-2.80e-03	1.79e-03	-1.42e-03	0.0	-6.33e-05	-5.79e-06
231	77	0.03	-1.78e-03	-3.13e-05	-1.55e-06	3.86e-04	-5.14e-05
231	78	0.03	-2.08e-03	8.65e-05	-1.45e-06	3.60e-04	-4.87e-05
231	79	-1.34e-03	1.62e-03	-1.36e-03	0.0	-4.48e-05	-7.67e-06
232	13	0.03	-2.11e-03	4.93e-04	-2.20e-06	5.48e-04	-4.44e-05
232	14	0.03	-2.51e-03	6.80e-04	-2.02e-06	5.02e-04	-4.10e-05
232	15	-0.01	2.35e-03	-1.57e-03	0.0	-2.18e-04	8.73e-06
232	45	0.02	-1.05e-03	2.88e-06	-1.35e-06	3.35e-04	-2.96e-05
232	46	0.02	-1.24e-03	9.04e-05	-1.26e-06	3.14e-04	-2.80e-05
232	47	-8.62e-04	1.08e-03	-9.81e-04	0.0	-2.97e-05	-4.27e-06
232	77	0.02	-9.70e-04	-3.47e-05	-1.28e-06	3.19e-04	-2.85e-05
232	78	0.02	-1.14e-03	4.54e-05	-1.20e-06	2.99e-04	-2.70e-05
232	79	-1.54e-04	9.79e-04	-9.36e-04	0.0	-1.53e-05	-5.27e-06
233	13	7.56e-03	-8.37e-04	2.38e-04	-1.29e-06	3.21e-04	-1.46e-05
233	14	6.95e-03	-1.00e-03	3.32e-04	-1.19e-06	2.95e-04	-1.35e-05
233	15	-2.60e-03	9.82e-04	-7.99e-04	0.0	-1.18e-04	2.41e-06
233	45	4.74e-03	-4.05e-04	-8.51e-06	0.0	1.99e-04	-9.86e-06
233	46	4.45e-03	-4.81e-04	3.55e-05	0.0	1.87e-04	-9.36e-06
233	47	-1.09e-04	4.63e-04	-5.03e-04	0.0	-1.03e-05	-1.75e-06
233	77	4.53e-03	-3.71e-04	-2.74e-05	0.0	1.90e-04	-9.50e-06
233	78	4.26e-03	-4.41e-04	1.28e-05	0.0	1.78e-04	-9.04e-06
233	79	8.28e-05	4.23e-04	-4.80e-04	0.0	-2.01e-06	-2.07e-06
234	1	0.0	0.0	0.0	0.0	0.0	0.0
234	33	0.0	0.0	0.0	0.0	0.0	0.0
234	65	0.0	0.0	0.0	0.0	0.0	0.0
235	13	0.17	-0.01	2.44e-03	-2.13e-06	4.11e-04	-1.36e-04
235	14	0.16	-0.01	3.13e-03	-1.86e-06	3.50e-04	-1.22e-04
235	15	-0.11	0.01	-5.16e-03	2.53e-06	-6.70e-04	1.00e-04
235	45	0.10	-6.75e-03	6.38e-04	0.0	1.12e-04	-7.01e-05
235	46	0.09	-7.83e-03	9.63e-04	0.0	8.35e-05	-6.36e-05
235	47	-0.04	5.12e-03	-2.99e-03	1.38e-06	-4.04e-04	4.24e-05

235	77	0.09	-6.30e-03	5.00e-04	0.0	8.95e-05	-6.51e-05
235	78	0.08	-7.28e-03	7.97e-04	0.0	6.30e-05	-5.91e-05
235	79	-0.03	4.58e-03	-2.82e-03	1.30e-06	-3.83e-04	3.79e-05
236	13	0.19	-0.01	2.57e-03	-2.30e-06	3.55e-04	-3.04e-05
236	14	0.17	-0.02	3.29e-03	-1.99e-06	2.95e-04	-1.77e-05
236	15	-0.14	0.01	-5.33e-03	2.93e-06	-6.95e-04	1.78e-04
236	45	0.10	-7.56e-03	6.94e-04	0.0	6.48e-05	2.76e-05
236	46	0.09	-8.80e-03	1.03e-03	0.0	3.67e-05	3.36e-05
236	47	-0.06	6.04e-03	-3.07e-03	1.65e-06	-4.36e-04	1.27e-04
236	77	0.09	-7.04e-03	5.50e-04	0.0	4.26e-05	3.21e-05
236	78	0.08	-8.17e-03	8.59e-04	0.0	1.68e-05	3.75e-05
236	79	-0.05	5.42e-03	-2.90e-03	1.55e-06	-4.16e-04	1.23e-04
237	13	0.15	-0.01	2.40e-03	-2.28e-06	5.78e-04	-2.01e-04
237	14	0.14	-0.01	3.08e-03	-2.02e-06	5.13e-04	-1.87e-04
237	15	-0.08	9.91e-03	-4.98e-03	2.13e-06	-5.68e-04	4.61e-05
237	45	0.09	-5.46e-03	6.52e-04	-1.06e-06	2.62e-04	-1.33e-04
237	46	0.08	-6.32e-03	9.67e-04	0.0	2.31e-04	-1.26e-04
237	47	-0.02	4.15e-03	-2.87e-03	1.05e-06	-2.85e-04	-1.47e-05
237	77	0.08	-5.09e-03	5.18e-04	0.0	2.37e-04	-1.27e-04
237	78	0.08	-5.88e-03	8.06e-04	0.0	2.09e-04	-1.21e-04
237	79	-0.02	3.71e-03	-2.71e-03	0.0	-2.64e-04	-1.94e-05
238	13	0.12	-7.83e-03	2.28e-03	-2.53e-06	7.17e-04	-1.82e-04
238	14	0.11	-9.26e-03	2.91e-03	-2.29e-06	6.48e-04	-1.70e-04
238	15	-0.06	7.78e-03	-4.57e-03	1.66e-06	-4.80e-04	2.21e-05
238	45	0.07	-4.13e-03	6.57e-04	-1.37e-06	3.86e-04	-1.25e-04
238	46	0.07	-4.80e-03	9.50e-04	-1.26e-06	3.53e-04	-1.20e-04
238	47	-0.01	3.31e-03	-2.61e-03	0.0	-1.85e-04	-2.81e-05
238	77	0.07	-3.85e-03	5.32e-04	-1.28e-06	3.61e-04	-1.21e-04
238	78	0.07	-4.46e-03	8.00e-04	-1.18e-06	3.31e-04	-1.16e-04
238	79	-8.52e-03	2.97e-03	-2.46e-03	0.0	-1.63e-04	-3.19e-05
239	13	0.09	-5.65e-03	2.01e-03	-2.67e-06	7.59e-04	-1.38e-04
239	14	0.08	-6.70e-03	2.56e-03	-2.43e-06	6.92e-04	-1.29e-04
239	15	-0.04	5.82e-03	-3.93e-03	1.32e-06	-3.92e-04	1.00e-05
239	45	0.05	-2.93e-03	6.03e-04	-1.56e-06	4.40e-04	-9.68e-05
239	46	0.05	-3.42e-03	8.57e-04	-1.45e-06	4.09e-04	-9.25e-05
239	47	-5.59e-03	2.54e-03	-2.23e-03	0.0	-1.09e-04	-2.63e-05
239	77	0.05	-2.72e-03	4.95e-04	-1.48e-06	4.16e-04	-9.36e-05
239	78	0.05	-3.17e-03	7.27e-04	-1.38e-06	3.87e-04	-8.97e-05
239	79	-3.20e-03	2.29e-03	-2.10e-03	0.0	-8.72e-05	-2.91e-05
240	13	0.06	-3.73e-03	1.61e-03	-2.50e-06	7.11e-04	-9.12e-05
240	14	0.05	-4.44e-03	2.04e-03	-2.29e-06	6.51e-04	-8.53e-05
240	15	-0.02	4.01e-03	-3.10e-03	1.01e-06	-3.07e-04	3.97e-06
240	45	0.04	-1.90e-03	4.92e-04	-1.53e-06	4.29e-04	-6.47e-05
240	46	0.03	-2.23e-03	6.92e-04	-1.43e-06	4.01e-04	-6.20e-05
240	47	-2.11e-03	1.79e-03	-1.76e-03	0.0	-5.68e-05	-1.94e-05
240	77	0.03	-1.76e-03	4.06e-04	-1.46e-06	4.08e-04	-6.27e-05
240	78	0.03	-2.06e-03	5.89e-04	-1.37e-06	3.81e-04	-6.02e-05
240	79	-6.25e-04	1.63e-03	-1.65e-03	0.0	-3.76e-05	-2.12e-05
241	13	0.03	-2.11e-03	1.10e-03	-2.02e-06	5.72e-04	-4.96e-05
241	14	0.03	-2.51e-03	1.40e-03	-1.86e-06	5.25e-04	-4.64e-05
241	15	-9.89e-03	2.37e-03	-2.13e-03	0.0	-2.18e-04	1.26e-06
241	45	0.02	-1.04e-03	3.36e-04	-1.26e-06	3.53e-04	-3.55e-05
241	46	0.02	-1.23e-03	4.73e-04	-1.19e-06	3.31e-04	-3.40e-05
241	47	-4.90e-04	1.09e-03	-1.21e-03	0.0	-2.37e-05	-1.12e-05
241	77	0.02	-9.61e-04	2.77e-04	-1.21e-06	3.36e-04	-3.44e-05
241	78	0.02	-1.13e-03	4.03e-04	-1.13e-06	3.16e-04	-3.30e-05
241	79	2.31e-04	9.95e-04	-1.14e-03	0.0	-8.86e-06	-1.22e-05
242	13	7.88e-03	-8.28e-04	5.52e-04	-1.16e-06	3.39e-04	-1.76e-05
242	14	7.24e-03	-9.91e-04	7.01e-04	-1.07e-06	3.11e-04	-1.64e-05
242	15	-2.54e-03	9.88e-04	-1.08e-03	0.0	-1.19e-04	0.0
242	45	4.99e-03	-3.97e-04	1.64e-04	0.0	2.12e-04	-1.25e-05
242	46	4.69e-03	-4.73e-04	2.33e-04	0.0	1.99e-04	-1.19e-05
242	47	1.73e-05	4.70e-04	-6.16e-04	0.0	-6.36e-06	-3.70e-06
242	77	4.77e-03	-3.63e-04	1.34e-04	0.0	2.02e-04	-1.21e-05
242	78	4.49e-03	-4.33e-04	1.98e-04	0.0	1.90e-04	-1.16e-05
242	79	2.13e-04	4.30e-04	-5.81e-04	0.0	2.24e-06	-4.05e-06
243	1	0.0	0.0	0.0	0.0	0.0	0.0
243	33	0.0	0.0	0.0	0.0	0.0	0.0
243	65	0.0	0.0	0.0	0.0	0.0	0.0
244	13	0.18	-0.01	3.88e-03	0.0	2.71e-04	-1.96e-04
244	14	0.16	-0.01	4.91e-03	0.0	2.14e-04	-1.82e-04
244	15	-0.10	0.01	-7.22e-03	2.94e-06	-7.35e-04	5.61e-05
244	45	0.10	-6.79e-03	1.25e-03	0.0	-7.03e-06	-1.26e-04
244	46	0.09	-7.86e-03	1.73e-03	0.0	-3.37e-05	-1.19e-04
244	47	-0.04	4.95e-03	-4.04e-03	2.19e-06	-4.87e-04	-6.03e-06
244	77	0.09	-6.35e-03	1.05e-03	0.0	-2.83e-05	-1.21e-04
244	78	0.09	-7.32e-03	1.49e-03	0.0	-5.28e-05	-1.15e-04

244	79	-0.03	4.41e-03	-3.80e-03	2.13e-06	-4.68e-04	-1.08e-05
245	13	0.19	-0.01	3.47e-03	1.12e-06	7.05e-05	3.64e-05
245	14	0.17	-0.02	4.48e-03	1.41e-06	1.32e-05	4.59e-05
245	15	-0.14	0.01	-7.42e-03	6.33e-06	-9.56e-04	1.77e-04
245	45	0.10	-7.91e-03	8.92e-04	2.56e-06	-2.13e-04	7.58e-05
245	46	0.09	-9.20e-03	1.36e-03	2.69e-06	-2.40e-04	8.02e-05
245	47	-0.06	6.30e-03	-4.30e-03	5.04e-06	-7.03e-04	1.42e-04
245	77	0.09	-7.36e-03	6.93e-04	2.67e-06	-2.35e-04	7.88e-05
245	78	0.08	-8.55e-03	1.12e-03	2.79e-06	-2.59e-04	8.28e-05
245	79	-0.05	5.65e-03	-4.06e-03	4.94e-06	-6.83e-04	1.40e-04
246	13	0.16	-9.96e-03	3.94e-03	-2.89e-06	6.22e-04	-2.43e-04
246	14	0.14	-0.01	4.92e-03	-2.57e-06	5.52e-04	-2.28e-04
246	15	-0.08	9.58e-03	-6.77e-03	2.75e-06	-5.95e-04	1.54e-05
246	45	0.09	-5.33e-03	1.40e-03	-1.33e-06	2.85e-04	-1.71e-04
246	46	0.09	-6.17e-03	1.86e-03	-1.18e-06	2.52e-04	-1.64e-04
246	47	-0.02	3.99e-03	-3.71e-03	1.36e-06	-2.96e-04	-4.81e-05
246	77	0.09	-4.97e-03	1.21e-03	-1.22e-06	2.60e-04	-1.66e-04
246	78	0.08	-5.74e-03	1.63e-03	-1.08e-06	2.29e-04	-1.59e-04
246	79	-0.01	3.57e-03	-3.47e-03	1.25e-06	-2.73e-04	-5.29e-05
247	13	0.13	-7.64e-03	3.74e-03	-3.63e-06	7.67e-04	-1.99e-04
247	14	0.12	-9.04e-03	4.63e-03	-3.29e-06	6.95e-04	-1.87e-04
247	15	-0.05	7.63e-03	-6.05e-03	2.33e-06	-4.81e-04	-3.67e-06
247	45	0.08	-4.02e-03	1.42e-03	-1.98e-06	4.22e-04	-1.45e-04
247	46	0.07	-4.67e-03	1.83e-03	-1.82e-06	3.88e-04	-1.39e-04
247	47	-9.42e-03	3.27e-03	-3.25e-03	0.0	-1.74e-04	-5.17e-05
247	77	0.07	-3.74e-03	1.24e-03	-1.86e-06	3.95e-04	-1.41e-04
247	78	0.07	-4.34e-03	1.62e-03	-1.71e-06	3.64e-04	-1.36e-04
247	79	-6.00e-03	2.93e-03	-3.04e-03	0.0	-1.50e-04	-5.53e-05
248	13	0.09	-5.56e-03	3.30e-03	-3.82e-06	8.07e-04	-1.44e-04
248	14	0.09	-6.60e-03	4.08e-03	-3.48e-06	7.37e-04	-1.36e-04
248	15	-0.04	5.79e-03	-5.17e-03	1.97e-06	-3.92e-04	-8.15e-06
248	45	0.06	-2.87e-03	1.29e-03	-2.22e-06	4.75e-04	-1.06e-04
248	46	0.05	-3.35e-03	1.65e-03	-2.06e-06	4.42e-04	-1.02e-04
248	47	-3.83e-03	2.54e-03	-2.75e-03	0.0	-9.70e-05	-4.15e-05
248	77	0.05	-2.66e-03	1.14e-03	-2.09e-06	4.50e-04	-1.03e-04
248	78	0.05	-3.11e-03	1.47e-03	-1.95e-06	4.19e-04	-9.99e-05
248	79	-1.41e-03	2.30e-03	-2.56e-03	0.0	-7.44e-05	-4.41e-05
249	13	0.06	-3.73e-03	2.68e-03	-3.53e-06	7.51e-04	-8.86e-05
249	14	0.05	-4.43e-03	3.30e-03	-3.23e-06	6.88e-04	-8.37e-05
249	15	-0.02	4.06e-03	-4.12e-03	1.57e-06	-3.06e-04	-1.02e-05
249	45	0.04	-1.88e-03	1.07e-03	-2.12e-06	4.58e-04	-6.68e-05
249	46	0.03	-2.21e-03	1.36e-03	-1.97e-06	4.29e-04	-6.45e-05
249	47	-9.59e-04	1.84e-03	-2.18e-03	0.0	-4.61e-05	-2.94e-05
249	77	0.04	-1.74e-03	9.46e-04	-2.01e-06	4.36e-04	-6.51e-05
249	78	0.03	-2.04e-03	1.21e-03	-1.88e-06	4.09e-04	-6.30e-05
249	79	5.35e-04	1.67e-03	-2.03e-03	0.0	-2.62e-05	-3.09e-05
250	13	0.03	-2.16e-03	1.90e-03	-2.77e-06	5.99e-04	-4.21e-05
250	14	0.03	-2.58e-03	2.33e-03	-2.54e-06	5.50e-04	-4.00e-05
250	15	-9.33e-03	2.48e-03	-2.89e-03	1.09e-06	-2.13e-04	-9.07e-06
250	45	0.02	-1.06e-03	7.61e-04	-1.70e-06	3.74e-04	-3.29e-05
250	46	0.02	-1.25e-03	9.65e-04	-1.59e-06	3.51e-04	-3.19e-05
250	47	1.32e-04	1.16e-03	-1.52e-03	0.0	-1.39e-05	-1.72e-05
250	77	0.02	-9.71e-04	6.74e-04	-1.62e-06	3.57e-04	-3.22e-05
250	78	0.02	-1.15e-03	8.60e-04	-1.52e-06	3.36e-04	-3.13e-05
250	79	8.58e-04	1.06e-03	-1.42e-03	0.0	1.40e-06	-1.78e-05
251	13	8.21e-03	-8.56e-04	9.53e-04	-1.54e-06	3.53e-04	-1.42e-05
251	15	-2.39e-03	1.05e-03	-1.47e-03	0.0	-1.14e-04	-2.34e-06
251	45	5.27e-03	-4.03e-04	3.79e-04	0.0	2.24e-04	-1.09e-05
251	47	2.10e-04	5.08e-04	-7.75e-04	0.0	0.0	-5.23e-06
251	77	5.05e-03	-3.68e-04	3.35e-04	0.0	2.14e-04	-1.06e-05
251	79	4.10e-04	4.66e-04	-7.22e-04	0.0	9.69e-06	-5.45e-06
252	1	0.0	0.0	0.0	0.0	0.0	0.0
252	33	0.0	0.0	0.0	0.0	0.0	0.0
252	65	0.0	0.0	0.0	0.0	0.0	0.0
253	13	0.19	-0.01	6.26e-03	-1.20e-06	2.99e-04	-3.52e-04
253	14	0.17	-0.01	7.75e-03	0.0	2.33e-04	-3.33e-04
253	15	-0.10	0.01	-9.89e-03	3.46e-06	-8.61e-04	-2.76e-05
253	45	0.11	-6.83e-03	2.43e-03	0.0	-2.15e-05	-2.62e-04
253	46	0.10	-7.86e-03	3.13e-03	0.0	-5.24e-05	-2.53e-04
253	47	-0.03	4.52e-03	-5.27e-03	2.31e-06	-5.75e-04	-1.07e-04
253	77	0.10	-6.40e-03	2.14e-03	0.0	-4.61e-05	-2.55e-04
253	78	0.09	-7.34e-03	2.78e-03	0.0	-7.43e-05	-2.47e-04
253	79	-0.03	4.00e-03	-4.92e-03	2.23e-06	-5.53e-04	-1.14e-04
254	13	0.16	-9.68e-03	6.03e-03	-2.68e-06	6.66e-04	-2.80e-04
254	14	0.15	-0.01	7.38e-03	-2.39e-06	5.95e-04	-2.65e-04
254	15	-0.07	9.46e-03	-8.70e-03	2.35e-06	-5.85e-04	-2.20e-05
254	45	0.10	-5.14e-03	2.54e-03	-1.29e-06	3.21e-04	-2.08e-04

254	46	0.09	-5.97e-03	3.17e-03	-1.15e-06	2.87e-04	-2.01e-04
254	47	-0.02	3.99e-03	-4.49e-03	1.11e-06	-2.77e-04	-8.54e-05
254	77	0.09	-4.80e-03	2.27e-03	-1.18e-06	2.94e-04	-2.03e-04
254	78	0.09	-5.55e-03	2.85e-03	-1.06e-06	2.63e-04	-1.96e-04
254	79	-0.01	3.57e-03	-4.16e-03	1.02e-06	-2.53e-04	-9.03e-05
255	13	0.13	-7.47e-03	5.57e-03	-3.30e-06	8.19e-04	-2.09e-04
255	14	0.12	-8.85e-03	6.78e-03	-2.99e-06	7.44e-04	-1.98e-04
255	15	-0.05	7.59e-03	-7.69e-03	1.92e-06	-4.78e-04	-2.33e-05
255	45	0.08	-3.89e-03	2.42e-03	-1.85e-06	4.60e-04	-1.58e-04
255	46	0.08	-4.54e-03	2.99e-03	-1.71e-06	4.25e-04	-1.52e-04
255	47	-6.30e-03	3.29e-03	-3.90e-03	0.0	-1.58e-04	-6.90e-05
255	77	0.08	-3.62e-03	2.18e-03	-1.74e-06	4.33e-04	-1.54e-04
255	78	0.07	-4.21e-03	2.70e-03	-1.61e-06	4.01e-04	-1.49e-04
255	79	-2.84e-03	2.96e-03	-3.61e-03	0.0	-1.34e-04	-7.25e-05
256	13	0.10	-5.50e-03	4.92e-03	-3.43e-06	8.52e-04	-1.39e-04
256	14	0.09	-6.54e-03	5.98e-03	-3.13e-06	7.79e-04	-1.32e-04
256	15	-0.03	5.84e-03	-6.63e-03	1.57e-06	-3.89e-04	-2.38e-05
256	45	0.06	-2.81e-03	2.18e-03	-2.05e-06	5.08e-04	-1.07e-04
256	46	0.06	-3.30e-03	2.67e-03	-1.91e-06	4.74e-04	-1.04e-04
256	47	-1.62e-03	2.60e-03	-3.33e-03	0.0	-8.40e-05	-5.22e-05
256	77	0.06	-2.61e-03	1.97e-03	-1.94e-06	4.82e-04	-1.05e-04
256	78	0.05	-3.05e-03	2.42e-03	-1.81e-06	4.50e-04	-1.02e-04
256	79	8.13e-04	2.35e-03	-3.08e-03	0.0	-6.06e-05	-5.44e-05
257	13	0.06	-3.77e-03	4.08e-03	-3.16e-06	7.85e-04	-7.09e-05
257	14	0.06	-4.49e-03	4.94e-03	-2.90e-06	7.21e-04	-6.76e-05
257	15	-0.02	4.19e-03	-5.42e-03	1.22e-06	-3.02e-04	-2.53e-05
257	45	0.04	-1.88e-03	1.82e-03	-1.95e-06	4.84e-04	-5.80e-05
257	46	0.04	-2.22e-03	2.22e-03	-1.82e-06	4.53e-04	-5.65e-05
257	47	4.86e-04	1.92e-03	-2.71e-03	0.0	-3.51e-05	-3.64e-05
257	77	0.04	-1.73e-03	1.65e-03	-1.85e-06	4.61e-04	-5.71e-05
257	78	0.03	-2.04e-03	2.02e-03	-1.74e-06	4.33e-04	-5.57e-05
257	79	1.97e-03	1.74e-03	-2.50e-03	0.0	-1.46e-05	-3.73e-05
258	13	0.03	-2.28e-03	3.02e-03	-2.50e-06	6.22e-04	-1.21e-05
258	14	0.03	-2.72e-03	3.65e-03	-2.30e-06	5.72e-04	-1.07e-05
258	15	-8.26e-03	2.68e-03	-4.00e-03	0.0	-2.09e-04	-2.64e-05
258	45	0.02	-1.10e-03	1.35e-03	-1.58e-06	3.92e-04	-1.55e-05
258	46	0.02	-1.31e-03	1.65e-03	-1.48e-06	3.68e-04	-1.49e-05
258	47	9.50e-04	1.26e-03	-2.00e-03	0.0	-5.04e-06	-2.23e-05
258	77	0.02	-1.01e-03	1.22e-03	-1.51e-06	3.74e-04	-1.58e-05
258	78	0.02	-1.20e-03	1.50e-03	-1.42e-06	3.53e-04	-1.52e-05
258	79	1.66e-03	1.15e-03	-1.84e-03	0.0	1.06e-05	-2.19e-05
259	13	7.80e-03	-1.05e-03	1.72e-03	-1.43e-06	3.55e-04	2.52e-05
259	15	-1.89e-03	1.33e-03	-2.30e-03	0.0	-1.02e-04	-1.93e-05
259	45	5.11e-03	-4.87e-04	7.68e-04	0.0	2.28e-04	1.29e-05
259	47	4.91e-04	6.48e-04	-1.15e-03	0.0	1.03e-05	-8.39e-06
259	77	4.91e-03	-4.44e-04	6.95e-04	0.0	2.18e-04	1.19e-05
259	79	6.73e-04	5.96e-04	-1.06e-03	0.0	1.89e-05	-7.56e-06
260	16	-0.16	-0.02	-8.28e-03	6.23e-05	1.54e-04	9.89e-05
260	48	-0.10	-9.17e-03	-5.69e-03	2.20e-05	3.50e-04	-1.73e-05
260	80	-0.09	-8.53e-03	-5.49e-03	1.89e-05	3.65e-04	-2.62e-05
261	16	-0.16	-0.02	-5.56e-03	2.00e-05	-5.24e-05	3.60e-05
261	48	-0.10	-8.90e-03	-4.14e-03	7.31e-06	1.48e-04	-5.27e-05
261	80	-0.09	-8.28e-03	-4.03e-03	6.34e-06	1.64e-04	-5.94e-05
262	16	-0.15	-0.02	-6.20e-03	4.66e-05	3.76e-04	3.36e-04
262	48	-0.08	-0.01	-4.83e-03	4.15e-05	5.45e-04	1.99e-04
262	80	-0.07	-9.61e-03	-4.73e-03	4.11e-05	5.58e-04	1.88e-04
263	16	-0.15	-0.01	-7.21e-03	1.03e-04	-3.10e-04	-3.37e-05
263	48	-0.10	-7.94e-03	-4.82e-03	4.98e-05	-9.63e-05	-1.10e-04
263	80	-0.10	-7.45e-03	-4.64e-03	4.57e-05	-7.99e-05	-1.16e-04
264	16	-0.15	-0.01	-5.10e-03	3.00e-05	-3.83e-04	-2.98e-05
264	48	-0.09	-7.51e-03	-3.66e-03	1.32e-05	-1.47e-04	-1.06e-04
264	80	-0.09	-7.03e-03	-3.55e-03	1.19e-05	-1.29e-04	-1.12e-04
265	16	-0.13	-0.01	-6.17e-03	7.73e-05	-5.57e-04	-5.20e-05
265	48	-0.09	-6.42e-03	-4.05e-03	3.36e-05	-3.22e-04	-1.15e-04
265	80	-0.08	-6.06e-03	-3.89e-03	3.02e-05	-3.04e-04	-1.20e-04
266	16	-0.12	-0.01	-4.53e-03	3.16e-05	-5.70e-04	-4.72e-05
266	48	-0.08	-6.02e-03	-3.17e-03	1.59e-05	-3.23e-04	-1.07e-04
266	80	-0.08	-5.66e-03	-3.06e-03	1.47e-05	-3.04e-04	-1.12e-04
267	16	-0.10	-8.24e-03	-5.08e-03	6.75e-05	-6.62e-04	-4.41e-05
267	48	-0.07	-4.82e-03	-3.30e-03	2.85e-05	-4.32e-04	-9.32e-05
267	80	-0.07	-4.56e-03	-3.16e-03	2.55e-05	-4.14e-04	-9.69e-05
268	16	-0.09	-7.87e-03	-3.81e-03	3.40e-05	-6.55e-04	-4.03e-05
268	48	-0.06	-4.48e-03	-2.63e-03	1.87e-05	-4.14e-04	-8.58e-05
268	80	-0.06	-4.22e-03	-2.53e-03	1.75e-05	-3.96e-04	-8.93e-05
269	16	-0.06	-5.47e-03	-3.94e-03	6.49e-05	-6.56e-04	-2.39e-05
269	48	-0.05	-3.24e-03	-2.53e-03	2.76e-05	-4.52e-04	-6.03e-05
269	80	-0.04	-3.07e-03	-2.42e-03	2.47e-05	-4.36e-04	-6.30e-05

270	16	-0.06	-5.17e-03	-2.98e-03	3.32e-05	-6.40e-04	-2.62e-05
270	48	-0.04	-2.97e-03	-2.03e-03	1.90e-05	-4.27e-04	-5.76e-05
270	80	-0.04	-2.80e-03	-1.96e-03	1.79e-05	-4.11e-04	-6.00e-05
271	16	-0.03	-3.04e-03	-2.72e-03	6.60e-05	-5.40e-04	-5.92e-06
271	48	-0.02	-1.80e-03	-1.73e-03	2.88e-05	-3.86e-04	-2.90e-05
271	80	-0.02	-1.71e-03	-1.66e-03	2.59e-05	-3.74e-04	-3.08e-05
272	16	-0.03	-2.80e-03	-2.04e-03	2.83e-05	-5.27e-04	-1.44e-05
272	48	-0.02	-1.61e-03	-1.38e-03	1.65e-05	-3.64e-04	-3.15e-05
272	80	-0.02	-1.52e-03	-1.33e-03	1.56e-05	-3.51e-04	-3.28e-05
273	16	-8.95e-03	-1.11e-03	-1.38e-03	6.12e-05	-3.21e-04	0.0
273	48	-6.71e-03	-6.51e-04	-8.77e-04	2.75e-05	-2.37e-04	-8.13e-06
273	80	-6.54e-03	-6.16e-04	-8.39e-04	2.49e-05	-2.31e-04	-8.79e-06
274	16	-8.48e-03	-9.76e-04	-1.03e-03	1.71e-05	-3.18e-04	-5.94e-06
274	48	-6.08e-03	-5.49e-04	-7.00e-04	1.00e-05	-2.24e-04	-1.11e-05
274	80	-5.89e-03	-5.17e-04	-6.75e-04	9.50e-06	-2.17e-04	-1.15e-05
275	1	0.0	0.0	0.0	0.0	0.0	0.0
275	33	0.0	0.0	0.0	0.0	0.0	0.0
275	65	0.0	0.0	0.0	0.0	0.0	0.0
276	16	-0.16	-0.02	-3.51e-03	-2.47e-05	-2.17e-04	5.26e-05
276	48	-0.09	-8.50e-03	-2.82e-03	-2.06e-05	9.86e-06	-4.31e-05
276	80	-0.09	-7.90e-03	-2.77e-03	-2.03e-05	2.72e-05	-5.04e-05
277	16	-0.17	-0.02	-3.69e-03	-5.09e-05	-5.60e-05	2.32e-04
277	48	-0.09	-9.88e-03	-2.95e-03	-4.01e-05	1.53e-04	1.05e-04
277	80	-0.08	-9.16e-03	-2.89e-03	-3.92e-05	1.69e-04	9.53e-05
278	16	-0.15	-0.01	-3.38e-03	5.12e-06	-4.31e-04	-2.60e-05
278	48	-0.09	-7.13e-03	-2.64e-03	1.48e-06	-1.82e-04	-9.82e-05
278	80	-0.08	-6.66e-03	-2.58e-03	1.20e-06	-1.63e-04	-1.04e-04
279	16	-0.12	-0.01	-3.13e-03	1.46e-05	-5.81e-04	-3.79e-05
279	48	-0.08	-5.69e-03	-2.37e-03	1.01e-05	-3.22e-04	-9.53e-05
279	80	-0.07	-5.33e-03	-2.31e-03	9.74e-06	-3.02e-04	-9.97e-05
280	16	-0.09	-7.57e-03	-2.71e-03	1.83e-05	-6.48e-04	-3.22e-05
280	48	-0.06	-4.21e-03	-2.01e-03	1.40e-05	-3.97e-04	-7.47e-05
280	80	-0.06	-3.95e-03	-1.96e-03	1.37e-05	-3.77e-04	-7.80e-05
281	16	-0.06	-4.94e-03	-2.16e-03	1.78e-05	-6.27e-04	-2.23e-05
281	48	-0.04	-2.76e-03	-1.58e-03	1.45e-05	-4.05e-04	-5.02e-05
281	80	-0.04	-2.60e-03	-1.54e-03	1.42e-05	-3.87e-04	-5.23e-05
282	16	-0.03	-2.64e-03	-1.49e-03	1.45e-05	-5.15e-04	-1.33e-05
282	48	-0.02	-1.47e-03	-1.09e-03	1.23e-05	-3.42e-04	-2.75e-05
282	80	-0.02	-1.38e-03	-1.06e-03	1.22e-05	-3.29e-04	-2.86e-05
283	16	-7.96e-03	-9.11e-04	-7.67e-04	8.82e-06	-3.07e-04	-4.87e-06
283	48	-5.48e-03	-4.90e-04	-5.59e-04	7.70e-06	-2.08e-04	-9.11e-06
283	80	-5.29e-03	-4.58e-04	-5.43e-04	7.61e-06	-2.00e-04	-9.43e-06
284	1	0.0	0.0	0.0	0.0	0.0	0.0
284	33	0.0	0.0	0.0	0.0	0.0	0.0
284	65	0.0	0.0	0.0	0.0	0.0	0.0
285	16	-0.16	-0.02	-2.15e-03	1.37e-05	-3.33e-04	5.56e-05
285	48	-0.09	-8.11e-03	-1.93e-03	3.42e-06	-8.33e-05	-3.76e-05
285	80	-0.09	-7.53e-03	-1.91e-03	2.64e-06	-6.42e-05	-4.47e-05
286	16	-0.17	-0.02	-2.25e-03	1.03e-05	-2.51e-04	1.62e-04
286	48	-0.09	-9.31e-03	-1.99e-03	0.0	-1.12e-05	4.67e-05
286	80	-0.09	-8.64e-03	-1.97e-03	0.0	7.22e-06	3.78e-05
287	16	-0.14	-0.01	-2.12e-03	1.94e-05	-4.73e-04	-5.55e-06
287	48	-0.08	-6.81e-03	-1.86e-03	8.59e-06	-2.09e-04	-7.67e-05
287	80	-0.08	-6.35e-03	-1.84e-03	7.76e-06	-1.89e-04	-8.22e-05
288	16	-0.12	-0.01	-2.02e-03	2.42e-05	-5.89e-04	-1.89e-05
288	48	-0.07	-5.43e-03	-1.72e-03	1.31e-05	-3.19e-04	-7.43e-05
288	80	-0.07	-5.07e-03	-1.70e-03	1.22e-05	-2.98e-04	-7.85e-05
289	16	-0.09	-7.36e-03	-1.81e-03	2.64e-05	-6.42e-04	-1.64e-05
289	48	-0.05	-4.00e-03	-1.50e-03	1.57e-05	-3.81e-04	-5.70e-05
289	80	-0.05	-3.74e-03	-1.48e-03	1.48e-05	-3.61e-04	-6.01e-05
290	16	-0.05	-4.78e-03	-1.48e-03	2.53e-05	-6.17e-04	-1.12e-05
290	48	-0.04	-2.61e-03	-1.20e-03	1.58e-05	-3.85e-04	-3.74e-05
290	80	-0.03	-2.45e-03	-1.18e-03	1.51e-05	-3.67e-04	-3.94e-05
291	16	-0.03	-2.55e-03	-1.05e-03	2.07e-05	-5.03e-04	-6.71e-06
291	48	-0.02	-1.38e-03	-8.44e-04	1.33e-05	-3.24e-04	-1.99e-05
291	80	-0.02	-1.29e-03	-8.29e-04	1.27e-05	-3.10e-04	-2.09e-05
292	16	-7.54e-03	-8.85e-04	-5.48e-04	1.22e-05	-2.97e-04	-2.37e-06
292	48	-5.00e-03	-4.60e-04	-4.40e-04	7.99e-06	-1.95e-04	-6.30e-06
292	80	-4.80e-03	-4.27e-04	-4.32e-04	7.67e-06	-1.87e-04	-6.60e-06
293	1	0.0	0.0	0.0	0.0	0.0	0.0
293	33	0.0	0.0	0.0	0.0	0.0	0.0
293	65	0.0	0.0	0.0	0.0	0.0	0.0
294	13	0.11	0.01	-1.70e-03	-3.46e-05	6.20e-04	-2.79e-04
294	16	-0.16	-0.02	-1.18e-03	2.84e-05	-4.07e-04	5.38e-05
294	45	0.04	5.62e-03	-1.56e-03	-1.81e-05	3.52e-04	-1.92e-04
294	48	-0.09	-7.74e-03	-1.32e-03	1.19e-05	-1.39e-04	-3.34e-05
294	77	0.04	5.06e-03	-1.55e-03	-1.69e-05	3.31e-04	-1.85e-04

294	80	-0.08	-7.18e-03	-1.33e-03	1.07e-05	-1.18e-04	-4.00e-05
295	13	0.14	0.02	-1.68e-03	-3.56e-05	6.43e-04	-2.87e-04
295	16	-0.18	-0.02	-1.25e-03	2.83e-05	-3.57e-04	1.16e-04
295	45	0.06	6.68e-03	-1.57e-03	-1.89e-05	3.82e-04	-1.82e-04
295	48	-0.09	-8.79e-03	-1.36e-03	1.16e-05	-9.53e-05	1.06e-05
295	77	0.05	6.03e-03	-1.56e-03	-1.76e-05	3.62e-04	-1.74e-04
295	80	-0.09	-8.14e-03	-1.37e-03	1.03e-05	-7.53e-05	2.56e-06
296	13	0.09	0.01	-1.56e-03	-3.28e-05	5.59e-04	-2.48e-04
296	16	-0.14	-0.01	-1.19e-03	2.92e-05	-5.07e-04	1.84e-05
296	45	0.03	4.40e-03	-1.47e-03	-1.66e-05	2.81e-04	-1.78e-04
296	48	-0.08	-6.55e-03	-1.29e-03	1.30e-05	-2.28e-04	-5.12e-05
296	77	0.02	3.94e-03	-1.46e-03	-1.53e-05	2.59e-04	-1.73e-04
296	80	-0.08	-6.09e-03	-1.29e-03	1.17e-05	-2.07e-04	-5.65e-05
297	14	0.05	6.20e-03	-1.34e-03	-2.60e-05	4.23e-04	-1.85e-04
297	16	-0.11	-9.90e-03	-1.20e-03	3.13e-05	-5.98e-04	8.65e-04
297	46	0.01	2.44e-03	-1.30e-03	-1.20e-05	-1.72e-04	-1.38e-06
297	48	-0.07	-5.24e-03	-1.23e-03	1.54e-05	-3.16e-04	-4.59e-05
297	78	7.36e-03	2.15e-03	-1.30e-03	-1.09e-05	1.52e-04	-1.35e-04
297	80	-0.06	-4.88e-03	-1.23e-03	1.42e-05	-2.94e-04	-5.01e-05
298	16	-0.08	-7.22e-03	-1.09e-03	3.28e-05	-6.41e-04	7.08e-06
298	30	-0.02	-1.12e-03	-1.14e-03	0.0	-7.05e-05	-7.29e-05
298	48	-0.05	-3.86e-03	-1.09e-03	1.74e-05	-3.70e-04	-3.30e-05
298	62	-0.02	-9.42e-04	-1.11e-03	2.13e-06	-9.69e-05	-7.12e-05
298	80	-0.05	-3.60e-03	-1.09e-03	1.62e-05	-3.49e-04	-3.61e-05
298	94	-0.02	-9.30e-04	-1.11e-03	2.23e-06	-9.90e-05	-7.11e-05
299	16	-0.05	-4.69e-03	-9.34e-04	3.13e-05	-6.11e-04	5.59e-06
299	48	-0.03	-2.52e-03	-8.99e-04	1.74e-05	-3.71e-04	-2.03e-05
299	80	-0.03	-2.35e-03	-8.96e-04	1.63e-05	-3.52e-04	-2.23e-05
300	16	-0.03	-2.51e-03	-6.79e-04	2.55e-05	-4.97e-04	2.87e-06
300	48	-0.02	-1.33e-03	-6.41e-04	1.46e-05	-3.10e-04	-1.02e-05
300	80	-0.02	-1.24e-03	-6.38e-04	1.37e-05	-2.96e-04	-1.12e-05
301	16	-7.23e-03	-8.79e-04	-3.65e-04	1.50e-05	-2.92e-04	0.0
301	48	-4.64e-03	-4.46e-04	-3.40e-04	8.67e-06	-1.85e-04	-3.06e-06
301	80	-4.44e-03	-4.13e-04	-3.38e-04	8.19e-06	-1.77e-04	-3.36e-06
302	1	0.0	0.0	0.0	0.0	0.0	0.0
302	33	0.0	0.0	0.0	0.0	0.0	0.0
302	65	0.0	0.0	0.0	0.0	0.0	0.0
303	13	0.12	0.01	-2.06e-03	-2.14e-05	6.38e-04	-2.55e-04
303	16	-0.16	-0.01	-4.73e-04	1.41e-05	-4.48e-04	5.46e-05
303	45	0.05	5.66e-03	-1.64e-03	-1.21e-05	3.54e-04	-1.74e-04
303	48	-0.09	-7.42e-03	-8.89e-04	4.85e-06	-1.64e-04	-2.64e-05
303	77	0.04	5.11e-03	-1.61e-03	-1.14e-05	3.32e-04	-1.68e-04
303	80	-0.08	-6.87e-03	-9.20e-04	4.14e-06	-1.42e-04	-3.26e-05
304	13	0.15	0.01	-2.07e-03	-2.23e-05	6.52e-04	-2.80e-04
304	16	-0.18	-0.02	-5.12e-04	1.19e-05	-4.15e-04	7.99e-05
304	45	0.06	6.70e-03	-1.66e-03	-1.33e-05	3.73e-04	-1.86e-04
304	48	-0.09	-8.32e-03	-9.20e-04	2.99e-06	-1.36e-04	-1.42e-05
304	77	0.06	6.07e-03	-1.63e-03	-1.27e-05	3.52e-04	-1.78e-04
304	80	-0.09	-7.69e-03	-9.51e-04	2.31e-06	-1.15e-04	-2.14e-05
305	13	0.09	0.01	-1.93e-03	-1.90e-05	5.89e-04	-2.14e-04
305	16	-0.14	-0.01	-5.11e-04	1.80e-05	-5.27e-04	4.45e-05
305	45	0.03	4.47e-03	-1.56e-03	-9.31e-06	2.97e-04	-1.46e-04
305	48	-0.08	-6.35e-03	-8.83e-04	8.33e-06	-2.35e-04	-2.30e-05
305	77	0.03	4.01e-03	-1.53e-03	-8.57e-06	2.75e-04	-1.41e-04
305	80	-0.07	-5.89e-03	-9.12e-04	7.59e-06	-2.13e-04	-2.82e-05
306	13	0.07	7.95e-03	-1.72e-03	-1.58e-05	5.17e-04	-1.67e-04
306	16	-0.11	-9.74e-03	-5.52e-04	2.12e-05	-6.07e-04	4.17e-05
306	45	0.02	3.32e-03	-1.41e-03	-6.16e-06	2.23e-04	-1.12e-04
306	48	-0.07	-5.11e-03	-8.58e-04	1.15e-05	-3.13e-04	-1.29e-05
306	77	0.02	2.96e-03	-1.39e-03	-5.42e-06	2.00e-04	-1.08e-04
306	80	-0.06	-4.75e-03	-8.82e-04	1.08e-05	-2.91e-04	-1.70e-05
307	13	0.04	5.67e-03	-1.44e-03	-1.23e-05	4.34e-04	-1.20e-04
307	16	-0.08	-7.13e-03	-5.49e-04	2.24e-05	-6.46e-04	3.59e-05
307	45	0.01	2.32e-03	-1.21e-03	-3.25e-06	1.52e-04	-7.89e-05
307	48	-0.05	-3.78e-03	-7.84e-04	1.33e-05	-3.63e-04	-4.79e-06
307	77	8.13e-03	2.06e-03	-1.19e-03	-2.56e-06	1.30e-04	-7.58e-05
307	80	-0.05	-3.52e-03	-8.02e-04	1.26e-05	-3.42e-04	-7.90e-06
308	13	0.03	3.68e-03	-1.12e-03	-8.94e-06	3.44e-04	-7.53e-05
308	16	-0.05	-4.64e-03	-4.87e-04	2.11e-05	-6.14e-04	2.58e-05
308	45	5.08e-03	1.50e-03	-9.54e-04	-1.08e-06	9.33e-05	-4.88e-05
308	48	-0.03	-2.46e-03	-6.53e-04	1.33e-05	-3.63e-04	0.0
308	77	3.53e-03	1.33e-03	-9.41e-04	0.0	7.41e-05	-4.68e-05
308	80	-0.03	-2.30e-03	-6.66e-04	1.27e-05	-3.44e-04	-2.67e-06
309	13	0.01	2.03e-03	-7.64e-04	-5.84e-06	2.44e-04	-3.76e-05
309	16	-0.03	-2.49e-03	-3.70e-04	1.70e-05	-4.97e-04	1.41e-05
309	45	1.90e-03	8.47e-04	-6.61e-04	0.0	5.06e-05	-2.40e-05
309	48	-0.02	-1.31e-03	-4.73e-04	1.10e-05	-3.03e-04	0.0

309	77	1.15e-03	7.57e-04	-6.53e-04	0.0	3.57e-05	-2.30e-05
309	80	-0.02	-1.22e-03	-4.81e-04	1.06e-05	-2.88e-04	0.0
310	13	3.01e-03	7.92e-04	-3.90e-04	-2.93e-06	1.32e-04	-1.12e-05
310	16	-7.06e-03	-8.81e-04	-2.07e-04	9.87e-06	-2.91e-04	4.57e-06
310	45	3.80e-04	3.54e-04	-3.42e-04	0.0	2.15e-05	-7.06e-06
310	48	-4.43e-03	-4.43e-04	-2.55e-04	6.52e-06	-1.80e-04	0.0
310	77	1.78e-04	3.20e-04	-3.38e-04	0.0	1.30e-05	-6.75e-06
310	80	-4.22e-03	-4.09e-04	-2.58e-04	6.27e-06	-1.72e-04	0.0
311	1	0.0	0.0	0.0	0.0	0.0	0.0
311	33	0.0	0.0	0.0	0.0	0.0	0.0
311	65	0.0	0.0	0.0	0.0	0.0	0.0
312	13	0.13	0.01	-2.47e-03	-2.46e-05	6.70e-04	-2.28e-04
312	16	-0.16	-0.01	8.87e-05	1.76e-05	-4.55e-04	5.92e-05
312	45	0.05	5.74e-03	-1.80e-03	-1.35e-05	3.76e-04	-1.53e-04
312	48	-0.09	-7.18e-03	-5.83e-04	6.58e-06	-1.61e-04	-1.60e-05
312	77	0.05	5.20e-03	-1.75e-03	-1.27e-05	3.54e-04	-1.47e-04
312	80	-0.08	-6.63e-03	-6.34e-04	5.73e-06	-1.38e-04	-2.17e-05
313	13	0.16	0.01	-2.51e-03	-2.56e-05	6.79e-04	-2.66e-04
313	16	-0.18	-0.02	8.00e-05	1.61e-05	-4.31e-04	5.01e-05
313	45	0.07	6.85e-03	-1.83e-03	-1.47e-05	3.89e-04	-1.84e-04
313	48	-0.09	-7.92e-03	-6.00e-04	5.22e-06	-1.41e-04	-3.27e-05
313	77	0.06	6.23e-03	-1.78e-03	-1.39e-05	3.67e-04	-1.77e-04
313	80	-0.09	-7.30e-03	-6.52e-04	4.38e-06	-1.18e-04	-3.90e-05
314	13	0.10	0.01	-2.35e-03	-2.24e-05	6.21e-04	-1.78e-04
314	16	-0.14	-0.01	3.04e-05	2.03e-05	-5.33e-04	7.51e-05
314	45	0.03	4.49e-03	-1.72e-03	-1.12e-05	3.20e-04	-1.11e-04
314	48	-0.08	-6.22e-03	-5.93e-04	9.17e-06	-2.31e-04	8.99e-06
314	77	0.03	4.04e-03	-1.68e-03	-1.04e-05	2.96e-04	-1.06e-04
314	80	-0.07	-5.77e-03	-6.41e-04	8.31e-06	-2.08e-04	3.93e-06
315	13	0.07	7.93e-03	-2.14e-03	-1.91e-05	5.48e-04	-1.33e-04
315	16	-0.11	-9.66e-03	-3.69e-05	2.29e-05	-6.17e-04	7.86e-05
315	45	0.02	3.33e-03	-1.59e-03	-8.13e-06	2.43e-04	-7.76e-05
315	48	-0.06	-5.05e-03	-5.88e-04	1.19e-05	-3.12e-04	2.33e-05
315	77	0.02	2.97e-03	-1.54e-03	-7.29e-06	2.20e-04	-7.33e-05
315	80	-0.06	-4.70e-03	-6.30e-04	1.11e-05	-2.89e-04	1.91e-05
316	13	0.05	5.68e-03	-1.83e-03	-1.54e-05	4.63e-04	-9.31e-05
316	16	-0.08	-7.09e-03	-8.23e-05	2.38e-05	-6.57e-04	6.66e-05
316	45	0.01	2.33e-03	-1.37e-03	-5.13e-06	1.70e-04	-5.13e-05
316	48	-0.05	-3.75e-03	-5.41e-04	1.36e-05	-3.64e-04	2.48e-05
316	77	0.01	2.08e-03	-1.34e-03	-4.34e-06	1.48e-04	-4.81e-05
316	80	-0.05	-3.49e-03	-5.76e-04	1.28e-05	-3.42e-04	2.16e-05
317	13	0.03	3.70e-03	-1.44e-03	-1.17e-05	3.70e-04	-5.78e-05
317	16	-0.05	-4.63e-03	-1.02e-04	2.24e-05	-6.23e-04	4.66e-05
317	45	6.37e-03	1.52e-03	-1.09e-03	-2.81e-06	1.10e-04	-3.05e-05
317	48	-0.03	-2.45e-03	-4.53e-04	1.35e-05	-3.64e-04	1.93e-05
317	77	4.79e-03	1.35e-03	-1.06e-03	-2.12e-06	9.02e-05	-2.84e-05
317	80	-0.03	-2.28e-03	-4.80e-04	1.28e-05	-3.44e-04	1.72e-05
318	13	0.01	2.05e-03	-9.90e-04	-8.07e-06	2.65e-04	-2.86e-05
318	16	-0.03	-2.49e-03	-9.65e-05	1.80e-05	-5.04e-04	2.54e-05
318	45	2.55e-03	8.63e-04	-7.55e-04	-1.25e-06	6.39e-05	-1.45e-05
318	48	-0.02	-1.30e-03	-3.31e-04	1.12e-05	-3.03e-04	1.13e-05
318	77	1.78e-03	7.73e-04	-7.37e-04	0.0	4.85e-05	-1.34e-05
318	80	-0.01	-1.21e-03	-3.49e-04	1.07e-05	-2.87e-04	1.02e-05
319	13	3.25e-03	7.99e-04	-5.07e-04	-4.21e-06	1.44e-04	-8.53e-06
319	16	-7.03e-03	-8.82e-04	-6.34e-05	1.04e-05	-2.95e-04	8.37e-06
319	45	5.59e-04	3.58e-04	-3.90e-04	0.0	2.93e-05	-4.10e-06
319	48	-4.34e-03	-4.42e-04	-1.80e-04	6.60e-06	-1.80e-04	3.94e-06
319	77	3.53e-04	3.25e-04	-3.81e-04	0.0	2.05e-05	-3.77e-06
319	80	-4.14e-03	-4.08e-04	-1.89e-04	6.31e-06	-1.71e-04	3.61e-06
320	1	0.0	0.0	0.0	0.0	0.0	0.0
320	33	0.0	0.0	0.0	0.0	0.0	0.0
320	65	0.0	0.0	0.0	0.0	0.0	0.0
321	13	0.13	0.01	-3.02e-03	-3.53e-05	7.17e-04	-1.98e-04
321	16	-0.16	-0.01	5.78e-04	1.44e-05	-4.27e-04	6.93e-05
321	45	0.05	5.80e-03	-2.07e-03	-2.23e-05	4.18e-04	-1.28e-04
321	48	-0.08	-7.03e-03	-3.66e-04	1.37e-06	-1.28e-04	0.0
321	77	0.05	5.27e-03	-2.00e-03	-2.13e-05	3.95e-04	-1.23e-04
321	80	-0.08	-6.49e-03	-4.38e-04	0.0	-1.05e-04	-5.94e-06
322	13	0.16	0.02	-3.09e-03	-3.52e-05	7.28e-04	-2.54e-04
322	16	-0.18	-0.02	5.96e-04	1.66e-05	-4.05e-04	2.25e-05
322	45	0.07	7.10e-03	-2.12e-03	-2.17e-05	4.32e-04	-1.82e-04
322	48	-0.09	-7.57e-03	-3.71e-04	3.04e-06	-1.09e-04	-4.98e-05
322	77	0.07	6.49e-03	-2.05e-03	-2.06e-05	4.09e-04	-1.76e-04
322	80	-0.08	-6.96e-03	-4.44e-04	2.00e-06	-8.61e-05	-5.54e-05
323	13	0.10	0.01	-2.89e-03	-3.32e-05	6.56e-04	-1.40e-04
323	16	-0.14	-0.01	5.08e-04	2.34e-05	-5.29e-04	1.14e-04
323	45	0.04	4.44e-03	-2.00e-03	-1.84e-05	3.46e-04	-7.37e-05

323	48	-0.08	-6.20e-03	-3.84e-04	8.62e-06	-2.19e-04	4.74e-05
323	77	0.03	4.00e-03	-1.93e-03	-1.73e-05	3.22e-04	-6.86e-05
323	80	-0.07	-5.75e-03	-4.52e-04	7.49e-06	-1.95e-04	4.23e-05
324	13	0.07	7.85e-03	-2.66e-03	-3.17e-05	5.74e-04	-9.97e-05
324	16	-0.11	-9.64e-03	4.43e-04	3.29e-05	-6.32e-04	1.17e-04
324	45	0.02	3.27e-03	-1.85e-03	-1.48e-05	2.59e-04	-4.29e-05
324	48	-0.06	-5.06e-03	-3.72e-04	1.60e-05	-3.17e-04	6.05e-05
324	77	0.02	2.92e-03	-1.79e-03	-1.35e-05	2.35e-04	-3.86e-05
324	80	-0.06	-4.71e-03	-4.34e-04	1.47e-05	-2.93e-04	5.62e-05
325	13	0.05	5.64e-03	-2.30e-03	-2.87e-05	4.85e-04	-6.74e-05
325	16	-0.08	-7.09e-03	3.71e-04	3.66e-05	-6.77e-04	9.43e-05
325	45	0.01	2.31e-03	-1.60e-03	-1.16e-05	1.81e-04	-2.51e-05
325	48	-0.05	-3.75e-03	-3.29e-04	1.95e-05	-3.73e-04	5.20e-05
325	77	0.01	2.05e-03	-1.54e-03	-1.03e-05	1.58e-04	-2.19e-05
325	80	-0.05	-3.50e-03	-3.82e-04	1.82e-05	-3.50e-04	4.87e-05
326	13	0.03	3.70e-03	-1.81e-03	-2.39e-05	3.88e-04	-4.15e-05
326	16	-0.05	-4.63e-03	2.81e-04	3.48e-05	-6.41e-04	6.44e-05
326	45	6.92e-03	1.52e-03	-1.26e-03	-8.58e-06	1.19e-04	-1.37e-05
326	48	-0.03	-2.45e-03	-2.68e-04	1.94e-05	-3.72e-04	3.67e-05
326	77	5.31e-03	1.35e-03	-1.22e-03	-7.40e-06	9.81e-05	-1.16e-05
326	80	-0.03	-2.28e-03	-3.10e-04	1.83e-05	-3.51e-04	3.46e-05
327	13	0.01	2.06e-03	-1.25e-03	-1.80e-05	2.79e-04	-2.07e-05
327	16	-0.03	-2.49e-03	1.80e-04	2.84e-05	-5.18e-04	3.54e-05
327	45	2.81e-03	8.70e-04	-8.71e-04	-5.89e-06	7.06e-05	-6.03e-06
327	48	-0.02	-1.30e-03	-1.94e-04	1.63e-05	-3.09e-04	2.07e-05
327	77	2.03e-03	7.79e-04	-8.43e-04	-4.96e-06	5.47e-05	-4.90e-06
327	80	-0.02	-1.21e-03	-2.23e-04	1.54e-05	-2.93e-04	1.96e-05
328	13	3.37e-03	7.99e-04	-6.36e-04	-1.03e-05	1.52e-04	-6.17e-06
328	16	-7.14e-03	-8.78e-04	8.21e-05	1.71e-05	-3.04e-04	1.18e-05
328	45	6.24e-04	3.60e-04	-4.48e-04	-3.17e-06	3.29e-05	-1.47e-06
328	48	-4.39e-03	-4.38e-04	-1.06e-04	9.94e-06	-1.85e-04	7.08e-06
328	77	4.13e-04	3.26e-04	-4.33e-04	-2.62e-06	2.38e-05	-1.12e-06
328	80	-4.18e-03	-4.05e-04	-1.21e-04	9.39e-06	-1.76e-04	6.72e-06
329	1	0.0	0.0	0.0	0.0	0.0	0.0
329	33	0.0	0.0	0.0	0.0	0.0	0.0
329	65	0.0	0.0	0.0	0.0	0.0	0.0
330	13	0.13	0.01	-3.82e-03	-2.80e-05	7.84e-04	-1.65e-04
330	16	-0.16	-0.01	1.03e-03	2.64e-05	-3.57e-04	9.35e-05
330	45	0.06	5.80e-03	-2.55e-03	-1.38e-05	4.86e-04	-9.70e-05
330	48	-0.08	-7.03e-03	-2.43e-04	1.21e-05	-5.89e-05	2.59e-05
330	77	0.05	5.26e-03	-2.45e-03	-1.27e-05	4.63e-04	-9.18e-05
330	80	-0.08	-6.49e-03	-3.39e-04	1.10e-05	-3.60e-05	2.08e-05
331	13	0.17	0.02	-3.93e-03	-3.77e-05	8.05e-04	-2.45e-04
331	16	-0.17	-0.02	1.08e-03	3.37e-05	-3.02e-04	-1.39e-05
331	45	0.08	7.47e-03	-2.61e-03	-1.90e-05	5.16e-04	-1.85e-04
331	48	-0.09	-7.28e-03	-2.38e-04	1.51e-05	-1.24e-05	-7.45e-05
331	77	0.07	6.85e-03	-2.51e-03	-1.76e-05	4.93e-04	-1.80e-04
331	80	-0.08	-6.66e-03	-3.38e-04	1.36e-05	9.81e-06	-7.92e-05
332	13	0.10	0.01	-3.68e-03	-2.35e-05	6.86e-04	-1.03e-04
332	16	-0.14	-0.01	1.01e-03	2.04e-05	-5.23e-04	1.63e-04
332	45	0.04	4.30e-03	-2.45e-03	-1.20e-05	3.70e-04	-3.36e-05
332	48	-0.08	-6.28e-03	-2.19e-04	8.93e-06	-2.07e-04	9.32e-05
332	77	0.03	3.86e-03	-2.35e-03	-1.11e-05	3.45e-04	-2.83e-05
332	80	-0.07	-5.84e-03	-3.12e-04	8.05e-06	1.83e-04	8.79e-05
333	13	0.07	7.73e-03	-3.37e-03	-1.63e-05	5.97e-04	-6.83e-05
333	16	-0.11	-9.67e-03	9.87e-04	1.87e-05	-6.63e-04	1.50e-04
333	45	0.02	3.17e-03	-2.23e-03	-7.12e-06	2.68e-04	-1.11e-05
333	48	-0.07	-5.11e-03	-1.56e-04	9.56e-06	-3.33e-04	9.30e-05
333	77	0.02	2.82e-03	-2.14e-03	-6.42e-06	2.42e-04	-6.74e-06
333	80	-0.06	-4.76e-03	-2.43e-04	8.86e-06	-3.08e-04	8.86e-05
334	13	0.05	5.60e-03	-2.89e-03	-1.25e-05	5.00e-04	-4.40e-05
334	16	-0.08	-7.11e-03	8.97e-04	1.98e-05	-7.08e-04	1.14e-04
334	45	0.01	2.27e-03	-1.89e-03	-4.07e-06	1.84e-04	-2.74e-06
334	48	-0.05	-3.78e-03	-9.58e-05	1.14e-05	-3.92e-04	7.24e-05
334	77	0.01	2.01e-03	-1.82e-03	-3.42e-06	1.60e-04	0.0
334	80	-0.05	-3.53e-03	-1.71e-04	1.07e-05	-3.68e-04	6.92e-05
335	13	0.03	3.71e-03	-2.28e-03	-9.33e-06	3.99e-04	-2.63e-05
335	16	-0.05	-4.65e-03	7.33e-04	1.89e-05	-6.66e-04	7.51e-05
335	45	6.83e-03	1.52e-03	-1.49e-03	-1.94e-06	1.20e-04	0.0
335	48	-0.03	-2.46e-03	-5.67e-05	1.15e-05	-3.88e-04	4.85e-05
335	77	5.20e-03	1.35e-03	-1.43e-03	-1.37e-06	9.89e-05	2.30e-06
335	80	-0.03	-2.30e-03	-1.17e-04	1.10e-05	-3.66e-04	4.65e-05
336	13	0.01	2.09e-03	-1.57e-03	-6.49e-06	2.87e-04	-1.31e-05
336	16	-0.03	-2.50e-03	5.07e-04	1.55e-05	-5.37e-04	4.09e-05
336	45	2.77e-03	8.84e-04	-1.02e-03	0.0	7.15e-05	1.01e-06
336	48	-0.02	-1.30e-03	-3.73e-05	9.74e-06	-3.22e-04	2.67e-05
336	77	1.97e-03	7.92e-04	-9.81e-04	0.0	5.50e-05	2.09e-06

336	80	-0.02	-1.21e-03	-7.87e-05	9.30e-06	-3.05e-04	2.57e-05
337	13	3.42e-03	8.06e-04	-7.98e-04	-2.83e-06	1.58e-04	-4.75e-06
337	16	-7.36e-03	-8.72e-04	2.53e-04	8.45e-06	-3.18e-04	1.47e-05
337	45	5.99e-04	3.66e-04	-5.22e-04	0.0	3.35e-05	0.0
337	48	-4.54e-03	-4.32e-04	-2.25e-05	5.49e-06	-1.93e-04	9.61e-06
337	77	3.83e-04	3.33e-04	-5.01e-04	0.0	2.40e-05	0.0
337	80	-4.33e-03	-3.98e-04	-4.35e-05	5.27e-06	-1.84e-04	9.22e-06
338	1	0.0	0.0	0.0	0.0	0.0	0.0
338	33	0.0	0.0	0.0	0.0	0.0	0.0
338	65	0.0	0.0	0.0	0.0	0.0	0.0
339	13	0.13	0.01	-5.15e-03	-3.43e-05	8.50e-04	-1.19e-04
339	16	-0.16	-0.01	1.56e-03	-1.11e-06	-2.16e-04	1.57e-04
339	45	0.06	5.61e-03	-3.39e-03	-2.56e-05	5.71e-04	-4.70e-05
339	48	-0.09	-7.23e-03	-2.05e-04	-9.79e-06	6.24e-05	8.47e-05
339	77	0.05	5.07e-03	-3.26e-03	-2.50e-05	5.50e-04	-4.15e-05
339	80	-0.08	-6.69e-03	-3.39e-04	-1.05e-05	8.38e-05	7.92e-05
340	13	0.17	0.02	-5.37e-03	-6.97e-05	1.07e-03	-2.39e-04
340	45	0.08	7.95e-03	-3.63e-03	-5.48e-05	7.82e-04	-1.95e-04
340	77	0.08	7.32e-03	-3.50e-03	-5.37e-05	7.60e-04	-1.92e-04
341	13	0.10	9.89e-03	-4.79e-03	-3.42e-05	7.24e-04	-7.24e-05
341	16	-0.15	-0.01	1.69e-03	2.71e-05	-5.61e-04	2.07e-04
341	45	0.04	4.11e-03	-3.09e-03	-1.81e-05	3.88e-04	0.0
341	48	-0.08	-6.41e-03	-1.10e-05	1.11e-05	-2.25e-04	1.34e-04
341	77	0.03	3.67e-03	-2.96e-03	-1.69e-05	3.62e-04	6.23e-06
341	80	-0.08	-5.97e-03	-1.40e-04	9.89e-06	-1.99e-04	1.28e-04
342	13	0.07	7.62e-03	-4.25e-03	-2.98e-05	6.08e-04	-4.10e-05
342	16	-0.12	-9.71e-03	1.72e-03	3.45e-05	-7.05e-04	1.69e-04
342	45	0.02	3.08e-03	-2.68e-03	-1.30e-05	2.64e-04	1.40e-05
342	48	-0.07	-5.17e-03	1.51e-04	1.77e-05	-3.62e-04	1.14e-04
342	77	0.02	2.73e-03	-2.56e-03	-1.17e-05	2.38e-04	1.82e-05
342	80	-0.06	-4.82e-03	3.22e-05	1.64e-05	-3.36e-04	1.10e-04
343	13	0.05	5.57e-03	-3.61e-03	-2.58e-05	5.09e-04	-2.42e-05
343	16	-0.09	-7.14e-03	1.59e-03	3.64e-05	-7.49e-04	1.22e-04
343	45	0.01	2.24e-03	-2.25e-03	-9.51e-06	1.80e-04	1.39e-05
343	48	-0.05	-3.81e-03	2.25e-04	2.02e-05	-4.20e-04	8.34e-05
343	77	9.78e-03	1.99e-03	-2.14e-03	-8.26e-06	1.55e-04	1.69e-05
343	80	-0.05	-3.56e-03	1.21e-04	1.89e-05	-3.95e-04	8.05e-05
344	13	0.03	3.74e-03	-2.88e-03	-2.09e-05	4.06e-04	-1.04e-05
344	16	-0.05	-4.69e-03	1.34e-03	3.37e-05	-6.99e-04	7.37e-05
344	45	6.24e-03	1.53e-03	-1.77e-03	-6.61e-06	1.17e-04	1.16e-05
344	48	-0.03	-2.48e-03	2.31e-04	1.94e-05	-4.10e-04	5.17e-05
344	77	4.59e-03	1.36e-03	-1.69e-03	-5.52e-06	9.49e-05	1.33e-05
344	80	-0.03	-2.31e-03	1.47e-04	1.84e-05	-3.88e-04	5.00e-05
345	13	0.01	2.15e-03	-2.02e-03	-1.47e-05	2.89e-04	-1.53e-06
345	16	-0.03	-2.54e-03	9.65e-04	2.64e-05	-5.58e-04	3.43e-05
345	45	2.44e-03	9.23e-04	-1.24e-03	-3.96e-06	6.77e-05	7.86e-06
345	48	-0.02	-1.31e-03	1.82e-04	1.57e-05	-3.36e-04	2.49e-05
345	77	1.64e-03	8.30e-04	-1.18e-03	-3.14e-06	5.07e-05	8.58e-06
345	80	-0.02	-1.22e-03	1.22e-04	1.48e-05	-3.19e-04	2.41e-05
346	13	3.38e-03	8.50e-04	-1.03e-03	-7.17e-06	1.57e-04	-1.21e-06
346	16	-7.60e-03	-8.82e-04	4.85e-04	1.46e-05	-3.29e-04	1.15e-05
346	45	5.05e-04	3.96e-04	-6.30e-04	-1.48e-06	3.01e-05	2.13e-06
346	48	-4.73e-03	-4.28e-04	8.83e-05	8.90e-06	-2.02e-04	8.18e-06
346	77	2.85e-04	3.61e-04	-6.00e-04	-1.04e-06	2.04e-05	2.39e-06
346	80	-4.51e-03	-3.93e-04	5.81e-05	8.47e-06	-1.92e-04	7.93e-06
347	1	0.0	0.0	0.0	0.0	0.0	0.0
347	33	0.0	0.0	0.0	0.0	0.0	0.0
347	65	0.0	0.0	0.0	0.0	0.0	0.0
348	13	0.13	0.01	-6.85e-03	-4.05e-05	9.88e-04	-3.82e-05
348	16	-0.17	-0.01	2.51e-03	1.00e-05	-2.44e-04	3.15e-04
348	45	0.05	5.12e-03	-4.39e-03	-2.73e-05	6.66e-04	5.43e-05
348	48	-0.09	-7.66e-03	5.03e-05	-3.21e-06	7.81e-05	2.23e-04
348	77	0.05	4.58e-03	-4.21e-03	-2.63e-05	6.41e-04	6.14e-05
348	80	-0.09	-7.12e-03	-1.37e-04	-4.22e-06	1.03e-04	2.16e-04
349	13	0.10	9.76e-03	-5.91e-03	-2.96e-05	7.22e-04	-3.32e-05
349	16	-0.15	-0.01	2.78e-03	2.47e-05	-6.02e-04	2.44e-04
349	45	0.03	4.00e-03	-3.62e-03	-1.54e-05	3.76e-04	3.94e-05
349	48	-0.09	-6.49e-03	5.02e-04	1.05e-05	-2.56e-04	1.72e-04
349	77	0.03	3.56e-03	-3.45e-03	-1.43e-05	3.49e-04	4.50e-05
349	80	-0.08	-6.05e-03	3.28e-04	9.42e-06	-2.30e-04	1.66e-04
350	13	0.07	7.55e-03	-5.19e-03	-2.52e-05	6.13e-04	-1.90e-05
350	16	-0.12	-9.74e-03	2.75e-03	3.09e-05	-7.53e-04	1.80e-04
350	45	0.02	3.02e-03	-3.11e-03	-1.05e-05	2.56e-04	3.32e-05
350	48	-0.07	-5.21e-03	6.63e-04	1.63e-05	-3.96e-04	1.28e-04
350	77	0.02	2.68e-03	-2.95e-03	-9.38e-06	3.72e-04	3.72e-05
350	80	-0.07	-4.87e-03	5.05e-04	1.51e-05	-3.68e-04	1.24e-04
351	13	0.05	5.56e-03	-4.47e-03	-2.11e-05	5.14e-04	-5.57e-06

351	16	-0.09	-7.17e-03	2.54e-03	3.24e-05	-7.88e-04	1.19e-04
351	45	0.01	2.22e-03	-2.63e-03	-7.13e-06	1.74e-04	2.70e-05
351	48	-0.05	-3.83e-03	7.01e-04	1.84e-05	-4.48e-04	8.61e-05
351	77	8.29e-03	1.97e-03	-2.49e-03	-6.06e-06	1.48e-04	2.94e-05
351	80	-0.05	-3.58e-03	5.61e-04	1.73e-05	-4.22e-04	8.36e-05
352	13	0.03	3.78e-03	-3.65e-03	-1.68e-05	4.09e-04	8.12e-06
352	16	-0.06	-4.72e-03	2.17e-03	2.99e-05	-7.28e-04	5.80e-05
352	45	5.25e-03	1.55e-03	-2.12e-03	-4.59e-06	1.12e-04	2.12e-05
352	48	-0.03	-2.49e-03	6.46e-04	1.77e-05	-4.31e-04	4.48e-05
352	77	3.61e-03	1.38e-03	-2.01e-03	-3.65e-06	8.90e-05	2.22e-05
352	80	-0.03	-2.32e-03	5.29e-04	1.68e-05	-4.08e-04	4.39e-05
353	13	0.01	2.25e-03	-2.70e-03	-1.19e-05	2.90e-04	1.88e-05
353	16	-0.03	-2.58e-03	1.66e-03	2.37e-05	-5.77e-04	5.90e-06
353	45	1.83e-03	9.83e-04	-1.56e-03	-2.60e-06	6.34e-05	1.54e-05
353	48	-0.02	-1.32e-03	5.14e-04	1.44e-05	-3.50e-04	9.35e-06
353	77	1.05e-03	8.86e-04	-1.47e-03	-1.89e-06	4.60e-05	1.51e-05
353	80	-0.02	-1.22e-03	4.27e-04	1.37e-05	-3.33e-04	9.60e-06
354	13	2.88e-03	1.01e-03	-1.56e-03	-6.05e-06	1.47e-04	2.08e-05
354	16	-7.14e-03	-9.65e-04	9.70e-04	1.35e-05	-3.28e-04	-2.55e-05
354	45	2.58e-04	4.95e-04	-8.96e-04	0.0	2.31e-05	8.68e-06
354	48	-4.52e-03	-4.46e-04	3.06e-04	8.36e-06	-2.04e-04	-1.34e-05
354	77	5.77e-05	4.55e-04	-8.46e-04	0.0	1.35e-05	7.75e-06
354	80	-4.32e-03	-4.07e-04	2.55e-04	7.97e-06	-1.94e-04	-1.25e-05
355	6	0.04	-0.01	3.47e-03	3.43e-05	4.90e-04	6.62e-05
355	7	-0.07	0.01	-5.42e-03	6.64e-06	9.50e-05	4.81e-05
355	38	7.99e-03	-6.69e-03	1.14e-03	2.71e-05	3.87e-04	6.12e-05
355	39	-0.04	5.37e-03	-3.08e-03	1.39e-05	1.98e-04	5.31e-05
355	70	5.81e-03	-6.18e-03	9.60e-04	2.65e-05	3.79e-04	6.09e-05
355	71	-0.04	4.86e-03	-2.91e-03	1.44e-05	2.06e-04	5.35e-05
356	7	-0.07	0.01	-4.74e-03	-1.20e-05	-1.72e-04	1.16e-04
356	39	-0.05	5.48e-03	-2.49e-03	-3.59e-06	-5.13e-05	1.08e-04
356	71	-0.04	5.05e-03	-2.32e-03	-2.94e-06	-4.20e-05	1.08e-04
357	7	-0.07	0.01	-4.00e-03	-1.22e-05	-1.77e-04	1.01e-04
357	39	-0.04	5.24e-03	-2.28e-03	-4.04e-06	-5.77e-05	9.39e-05
357	71	-0.04	4.81e-03	-2.15e-03	-3.42e-06	-4.86e-05	9.34e-05
358	6	0.04	-0.01	2.50e-03	2.65e-05	3.97e-04	4.95e-05
358	7	-0.07	0.01	-4.16e-03	-7.71e-06	-1.58e-05	3.06e-05
358	38	9.85e-03	-6.71e-03	7.51e-04	1.75e-05	2.89e-04	4.42e-05
358	39	-0.04	5.32e-03	-2.41e-03	1.23e-06	9.20e-05	3.58e-05
358	70	7.67e-03	-6.20e-03	6.18e-04	1.69e-05	2.81e-04	4.39e-05
358	71	-0.04	4.82e-03	-2.28e-03	1.91e-06	1.00e-04	3.62e-05
359	7	-0.06	9.77e-03	-4.39e-03	-1.96e-05	-2.80e-04	1.05e-04
359	39	-0.04	5.09e-03	-2.24e-03	-1.09e-05	-1.56e-04	9.91e-05
359	71	-0.04	4.74e-03	-2.07e-03	-1.03e-05	-1.47e-04	9.87e-05
360	7	-0.06	9.53e-03	-3.72e-03	-1.69e-05	-2.71e-04	7.28e-05
360	39	-0.04	4.87e-03	-2.08e-03	-9.03e-06	-1.48e-04	7.91e-05
360	71	-0.04	4.51e-03	-1.95e-03	-8.42e-06	-1.39e-04	7.95e-05
361	7	-0.05	8.09e-03	-4.08e-03	-2.31e-05	-3.30e-04	6.27e-05
361	39	-0.03	4.40e-03	-2.06e-03	-1.46e-05	-2.08e-04	6.92e-05
361	71	-0.03	4.12e-03	-1.91e-03	-1.39e-05	-1.99e-04	6.97e-05
362	7	-0.05	7.89e-03	-3.39e-03	-2.01e-05	-3.17e-04	5.74e-05
362	39	-0.03	4.22e-03	-1.88e-03	-1.23e-05	-1.97e-04	6.34e-05
362	71	-0.03	3.94e-03	-1.76e-03	-1.17e-05	-1.88e-04	6.39e-05
363	7	-0.03	6.25e-03	-3.68e-03	-2.36e-05	-3.37e-04	3.88e-05
363	39	-0.02	3.52e-03	-1.88e-03	-1.58e-05	-2.26e-04	4.64e-05
363	71	-0.02	3.31e-03	-1.74e-03	-1.52e-05	-2.17e-04	4.69e-05
364	7	-0.03	6.08e-03	-2.98e-03	-2.11e-05	-3.25e-04	3.87e-05
364	39	-0.02	3.37e-03	-1.65e-03	-1.37e-05	-2.14e-04	4.48e-05
364	71	-0.02	3.17e-03	-1.54e-03	-1.32e-05	-2.06e-04	4.53e-05
365	7	-0.02	4.39e-03	-3.15e-03	-2.15e-05	-3.08e-04	1.61e-05
365	39	-0.02	2.54e-03	-1.63e-03	-1.49e-05	-2.13e-04	2.45e-05
365	71	-0.02	2.39e-03	-1.52e-03	-1.44e-05	-2.06e-04	2.51e-05
366	7	-0.02	4.24e-03	-2.44e-03	-1.99e-05	-2.97e-04	2.14e-05
366	39	-0.01	2.43e-03	-1.36e-03	-1.33e-05	-2.03e-04	2.71e-05
366	71	-0.01	2.29e-03	-1.28e-03	-1.28e-05	-1.96e-04	2.76e-05
367	3	-0.01	2.58e-03	-2.35e-03	-1.68e-05	-2.41e-04	-1.98e-06
367	7	-0.01	2.64e-03	-2.43e-03	-1.69e-05	-2.41e-04	-2.10e-06
367	39	-7.68e-03	1.56e-03	-1.29e-03	-1.20e-05	-1.72e-04	6.01e-06
367	71	-7.48e-03	1.47e-03	-1.20e-03	-1.17e-05	-1.67e-04	6.63e-06
368	7	-0.01	2.51e-03	-1.77e-03	-1.64e-05	-2.34e-04	8.21e-06
368	39	-7.35e-03	1.47e-03	-9.90e-04	-1.12e-05	-1.64e-04	1.26e-05
368	71	-7.13e-03	1.39e-03	-9.31e-04	-1.08e-05	-1.59e-04	1.29e-05
369	3	-2.71e-03	1.13e-03	-1.42e-03	-9.47e-06	-1.35e-04	-1.27e-05
369	7	-2.71e-03	1.16e-03	-1.47e-03	-9.47e-06	-1.35e-04	-1.28e-05
369	35	-2.07e-03	6.75e-04	-7.78e-04	-6.98e-06	-9.98e-05	-6.17e-06
369	39	-2.07e-03	6.88e-04	-7.99e-04	-6.98e-06	-9.98e-05	-6.19e-06
369	67	-2.02e-03	6.41e-04	-7.28e-04	-6.79e-06	-9.71e-05	-5.66e-06

369	71	-2.02e-03	6.52e-04	-7.48e-04	-6.79e-06	-9.71e-05	-5.69e-06
370	7	-2.85e-03	1.00e-03	-9.20e-04	-1.06e-05	-1.35e-04	1.41e-06
370	39	-2.09e-03	6.03e-04	-5.21e-04	-7.16e-06	-9.72e-05	3.38e-06
370	71	-2.03e-03	5.73e-04	-4.91e-04	-6.89e-06	-9.43e-05	3.53e-06
371	1	0.0	0.0	0.0	0.0	0.0	0.0
371	33	0.0	0.0	0.0	0.0	0.0	0.0
371	65	0.0	0.0	0.0	0.0	0.0	0.0
372	6	0.03	-0.01	1.53e-03	1.93e-05	2.68e-04	8.58e-05
372	7	-0.06	0.01	-3.23e-03	-1.23e-05	-1.82e-04	6.71e-05
372	38	4.10e-03	-5.18e-03	2.84e-04	1.10e-05	1.50e-04	8.06e-05
372	39	-0.04	5.10e-03	-1.98e-03	-4.04e-06	-6.43e-05	7.23e-05
372	70	2.27e-03	-4.75e-03	1.88e-04	1.04e-05	1.41e-04	8.03e-05
372	71	-0.04	4.67e-03	-1.88e-03	-3.41e-06	-5.53e-05	7.26e-05
373	6	0.04	-0.01	1.57e-03	2.49e-05	3.35e-04	5.19e-05
373	7	-0.07	0.01	-3.27e-03	-3.36e-06	-9.58e-05	3.16e-05
373	38	0.01	-6.69e-03	3.02e-04	1.75e-05	2.22e-04	4.63e-05
373	39	-0.04	5.34e-03	-2.00e-03	4.04e-06	1.68e-05	3.72e-05
373	70	9.27e-03	-6.18e-03	2.05e-04	1.70e-05	2.14e-04	4.59e-05
373	71	-0.04	4.83e-03	-1.90e-03	4.60e-06	2.54e-05	3.76e-05
374	7	-0.05	9.37e-03	-3.07e-03	-1.94e-05	-2.58e-04	6.31e-05
374	39	-0.04	4.71e-03	-1.87e-03	-1.05e-05	-1.37e-04	6.95e-05
374	71	-0.03	4.35e-03	-1.78e-03	-9.84e-06	-1.28e-04	7.00e-05
375	7	-0.04	7.73e-03	-2.80e-03	-2.24e-05	-3.01e-04	5.01e-05
375	39	-0.03	4.07e-03	-1.70e-03	-1.38e-05	1.82e-04	5.62e-05
375	71	-0.03	3.79e-03	-1.62e-03	-1.32e-05	-1.73e-04	5.67e-05
376	7	-0.03	5.94e-03	-2.42e-03	-2.26e-05	-3.10e-04	3.49e-05
376	39	-0.02	3.25e-03	-1.48e-03	-1.49e-05	-2.00e-04	4.05e-05
376	71	-0.02	3.05e-03	-1.40e-03	-1.43e-05	-1.91e-04	4.09e-05
377	7	-0.02	4.12e-03	-1.94e-03	-2.03e-05	-2.85e-04	2.13e-05
377	39	-0.01	2.33e-03	-1.19e-03	-1.39e-05	-1.90e-04	2.58e-05
377	71	-0.01	2.19e-03	-1.13e-03	-1.34e-05	-1.83e-04	2.61e-05
378	7	-9.85e-03	2.40e-03	-1.36e-03	-1.57e-05	-2.26e-04	1.10e-05
378	39	-6.90e-03	1.40e-03	-8.32e-04	-1.11e-05	-1.55e-04	1.36e-05
378	71	-6.67e-03	1.32e-03	-7.92e-04	-1.08e-05	-1.49e-04	1.38e-05
379	7	-2.72e-03	9.54e-04	-6.98e-04	-9.20e-06	-1.32e-04	3.95e-06
379	39	-1.93e-03	5.71e-04	-4.31e-04	-6.66e-06	-9.21e-05	4.76e-06
379	71	-1.87e-03	5.42e-04	-4.11e-04	-6.46e-06	-8.91e-05	4.81e-06
380	1	0.0	0.0	0.0	0.0	0.0	0.0
380	33	0.0	0.0	0.0	0.0	0.0	0.0
380	65	0.0	0.0	0.0	0.0	0.0	0.0
381	6	0.03	-0.01	6.08e-04	1.74e-05	2.59e-04	7.54e-05
381	7	-0.06	0.01	-2.61e-03	-1.34e-05	-1.89e-04	4.93e-05
381	38	6.48e-03	-5.29e-03	-2.36e-04	9.34e-06	1.42e-04	6.83e-05
381	39	-0.04	5.04e-03	-1.76e-03	-5.33e-06	-7.21e-05	5.64e-05
381	70	4.64e-03	-4.85e-03	-3.00e-04	8.73e-06	1.33e-04	6.78e-05
381	71	-0.04	4.60e-03	-1.70e-03	-4.71e-06	-6.31e-05	5.69e-05
382	6	0.04	-0.01	6.52e-04	1.96e-05	3.00e-04	5.58e-05
382	7	-0.07	0.01	-2.63e-03	-1.06e-05	-1.35e-04	2.89e-05
382	38	0.01	-6.77e-03	-2.08e-04	1.17e-05	1.87e-04	4.85e-05
382	39	-0.04	5.28e-03	-1.77e-03	-2.72e-06	-2.10e-05	3.62e-05
382	70	0.01	-6.26e-03	-2.74e-04	1.11e-05	1.78e-04	4.80e-05
382	71	-0.04	4.77e-03	-1.70e-03	-2.12e-06	-1.23e-05	3.67e-05
383	7	-0.05	9.30e-03	-2.51e-03	-1.65e-05	-2.49e-04	4.90e-05
383	39	-0.03	4.62e-03	-1.71e-03	-8.39e-06	-1.29e-04	5.59e-05
383	71	-0.03	4.27e-03	-1.65e-03	-7.77e-06	-1.20e-04	5.64e-05
384	7	-0.04	7.65e-03	-2.31e-03	-1.93e-05	-2.88e-04	3.87e-05
384	39	-0.03	3.99e-03	-1.58e-03	-1.11e-05	-1.70e-04	4.54e-05
384	71	-0.03	3.71e-03	-1.52e-03	-1.05e-05	-1.61e-04	4.59e-05
385	7	-0.03	5.85e-03	-2.00e-03	-2.04e-05	-2.98e-04	2.69e-05
385	39	-0.02	3.17e-03	-1.37e-03	-1.25e-05	-1.87e-04	3.27e-05
385	71	-0.02	2.97e-03	-1.32e-03	-1.19e-05	-1.79e-04	3.32e-05
386	7	-0.02	4.03e-03	-1.59e-03	-1.92e-05	-2.75e-04	1.68e-05
386	39	-0.01	2.26e-03	-1.09e-03	-1.22e-05	-1.80e-04	2.10e-05
386	71	-0.01	2.12e-03	-1.05e-03	-1.17e-05	-1.73e-04	2.13e-05
387	7	-9.47e-03	2.34e-03	-1.10e-03	-1.54e-05	-2.18e-04	8.97e-06
387	39	-6.46e-03	1.35e-03	-7.57e-04	-1.00e-05	-1.46e-04	1.12e-05
387	71	-6.23e-03	1.27e-03	-7.31e-04	-9.60e-06	-1.41e-04	1.14e-05
388	7	-2.59e-03	9.38e-04	-5.63e-04	-8.93e-06	-1.27e-04	3.08e-06
388	39	-1.79e-03	5.58e-04	-3.91e-04	-5.88e-06	-8.64e-05	3.78e-06
388	71	-1.73e-03	5.29e-04	-3.78e-04	-5.64e-06	-8.33e-05	3.84e-06
389	1	0.0	0.0	0.0	0.0	0.0	0.0
389	33	0.0	0.0	0.0	0.0	0.0	0.0
389	65	0.0	0.0	0.0	0.0	0.0	0.0
390	6	0.03	-0.01	-3.21e-04	1.86e-05	2.53e-04	6.32e-05
390	7	-0.06	0.01	-2.13e-03	-1.41e-05	-1.93e-04	3.23e-05
390	38	8.41e-03	-5.38e-03	-7.95e-04	1.01e-05	1.36e-04	5.49e-05
390	39	-0.04	5.03e-03	-1.66e-03	-5.54e-06	-7.62e-05	4.06e-05

390	70	6.56e-03	-4.94e-03	-8.31e-04	9.41e-06	1.27e-04	5.43e-05
390	71	-0.03	4.59e-03	-1.62e-03	-4.89e-06	-6.73e-05	4.12e-05
391	6	0.04	-0.01	-2.96e-04	2.12e-05	2.81e-04	2.86e-05
391	7	-0.07	0.01	-2.12e-03	-1.09e-05	-1.50e-04	5.01e-05
391	38	0.01	-6.92e-03	-7.75e-04	1.28e-05	1.68e-04	3.44e-05
391	39	-0.04	5.22e-03	-1.64e-03	-2.54e-06	-3.78e-05	4.43e-05
391	70	0.01	-6.41e-03	-8.12e-04	1.22e-05	1.59e-04	3.48e-05
391	71	-0.04	4.71e-03	-1.61e-03	-1.89e-06	-2.91e-05	4.39e-05
392	7	-0.05	9.33e-03	-2.08e-03	-1.76e-05	-2.42e-04	3.00e-05
392	39	-0.03	4.62e-03	-1.63e-03	-9.12e-06	-1.23e-04	3.85e-05
392	71	-0.03	4.26e-03	-1.59e-03	-8.46e-06	-1.14e-04	3.91e-05
393	7	-0.04	7.66e-03	-1.94e-03	-1.99e-05	-1.78e-04	2.27e-05
393	39	-0.03	3.97e-03	-1.52e-03	-1.17e-05	-1.60e-04	3.07e-05
393	71	-0.02	3.69e-03	-1.49e-03	-1.11e-05	-1.51e-04	3.13e-05
394	7	-0.03	5.83e-03	-1.68e-03	-2.02e-05	-2.89e-04	1.51e-05
394	39	-0.02	3.14e-03	-1.32e-03	-1.27e-05	-1.78e-04	2.18e-05
394	71	-0.02	2.94e-03	-1.29e-03	-1.22e-05	-1.70e-04	2.22e-05
395	7	-0.02	3.99e-03	-1.33e-03	-1.85e-05	-2.68e-04	9.11e-06
395	39	-0.01	2.22e-03	-1.05e-03	-1.21e-05	-1.72e-04	1.38e-05
395	71	-0.01	2.09e-03	-1.03e-03	-1.17e-05	-1.74e-04	1.41e-05
396	7	-9.19e-03	2.30e-03	-9.15e-04	-1.46e-05	-2.13e-04	4.75e-06
396	39	-6.14e-03	1.32e-03	-7.26e-04	-9.85e-06	-1.40e-04	7.21e-06
396	71	-5.90e-03	1.25e-03	-7.12e-04	-9.49e-06	-1.34e-04	7.40e-06
397	7	-2.50e-03	9.29e-04	-4.68e-04	-8.46e-06	-1.23e-04	1.56e-06
397	39	-1.69e-03	5.50e-04	-3.73e-04	-5.80e-06	-8.21e-05	2.34e-06
397	71	-1.62e-03	5.21e-04	-3.66e-04	-5.59e-06	-7.89e-05	2.39e-06
398	1	0.0	0.0	0.0	0.0	0.0	0.0
398	33	0.0	0.0	0.0	0.0	0.0	0.0
398	65	0.0	0.0	0.0	0.0	0.0	0.0
399	6	0.03	-0.01	-1.32e-03	1.76e-05	2.50e-04	5.23e-05
399	7	-0.06	0.01	-1.79e-03	-1.35e-05	-1.90e-04	1.24e-05
399	38	9.90e-03	-5.44e-03	-1.44e-03	9.50e-06	1.35e-04	4.17e-05
399	39	-0.03	5.10e-03	-1.66e-03	-5.36e-06	-7.49e-05	2.30e-05
399	70	8.04e-03	-5.00e-03	-1.45e-03	8.87e-06	1.26e-04	4.09e-05
399	71	-0.03	4.66e-03	-1.65e-03	-4.74e-06	-6.61e-05	2.38e-05
400	6	0.04	-0.01	-1.33e-03	1.92e-05	2.70e-04	2.06e-05
400	7	-0.07	0.01	-1.74e-03	-1.09e-05	-1.51e-04	4.57e-05
400	38	0.02	-7.09e-03	-1.44e-03	1.14e-05	1.60e-04	2.73e-05
400	39	-0.04	5.18e-03	-1.63e-03	-3.00e-06	-4.09e-05	3.90e-05
400	70	0.01	-6.58e-03	-1.45e-03	1.08e-05	1.52e-04	2.78e-05
400	71	-0.03	4.66e-03	-1.62e-03	-2.40e-06	-3.25e-05	3.85e-05
401	7	-0.05	9.48e-03	-1.78e-03	-1.67e-05	-2.37e-04	7.22e-06
401	39	-0.03	4.71e-03	-1.65e-03	-8.32e-06	-1.18e-04	1.82e-05
401	71	-0.03	4.35e-03	-1.64e-03	-7.68e-06	-1.09e-04	1.90e-05
402	7	-0.04	7.75e-03	-1.66e-03	-1.91e-05	-2.73e-04	2.84e-06
402	39	-0.03	4.03e-03	-1.54e-03	-1.08e-05	-1.53e-04	1.29e-05
402	71	-0.02	3.75e-03	-1.53e-03	-1.02e-05	-1.45e-04	1.36e-05
403	7	-0.03	5.87e-03	-1.44e-03	-1.98e-05	-2.84e-04	0.0
403	39	-0.02	3.16e-03	-1.33e-03	-1.20e-05	-1.72e-04	8.36e-06
403	71	-0.02	2.95e-03	-1.32e-03	-1.14e-05	-1.64e-04	8.96e-06
404	7	-0.02	3.99e-03	-1.13e-03	-1.84e-05	-2.65e-04	0.0
404	39	-0.01	2.21e-03	-1.05e-03	-1.17e-05	-1.67e-04	4.90e-06
404	71	-0.01	2.07e-03	-1.04e-03	-1.11e-05	-1.60e-04	5.32e-06
405	7	-9.07e-03	2.29e-03	-7.69e-04	-1.46e-05	-2.11e-04	0.0
405	39	-5.96e-03	1.30e-03	-7.18e-04	-9.49e-06	-1.36e-04	2.39e-06
405	71	-5.72e-03	1.23e-03	-7.14e-04	-9.10e-06	-1.31e-04	2.61e-06
406	7	-2.46e-03	9.19e-04	-3.90e-04	-8.44e-06	-1.22e-04	0.0
406	39	-1.63e-03	5.40e-04	-3.66e-04	-5.56e-06	-7.98e-05	0.0
406	71	-1.57e-03	5.11e-04	-3.64e-04	-5.33e-06	-7.66e-05	0.0
407	1	0.0	0.0	0.0	0.0	0.0	0.0
407	33	0.0	0.0	0.0	0.0	0.0	0.0
407	65	0.0	0.0	0.0	0.0	0.0	0.0
408	6	0.04	-0.01	-2.50e-03	1.60e-05	2.50e-04	4.14e-05
408	7	-0.06	0.01	-1.55e-03	-9.87e-06	-1.81e-04	-1.05e-05
408	38	0.01	-5.46e-03	-2.25e-03	9.25e-06	1.38e-04	2.76e-05
408	39	-0.03	5.28e-03	-1.80e-03	-3.11e-06	-6.83e-05	3.26e-06
408	70	9.04e-03	-5.01e-03	-2.23e-03	8.73e-06	1.29e-04	2.66e-05
408	71	-0.03	4.82e-03	-1.82e-03	-2.59e-06	-5.96e-05	4.29e-06
409	6	0.05	-0.01	-2.57e-03	1.46e-05	2.66e-04	9.10e-06
409	7	-0.06	0.01	-1.46e-03	-4.65e-06	-1.40e-04	4.00e-05
409	38	0.02	-7.28e-03	-2.28e-03	9.56e-06	1.73e-04	1.73e-05
409	39	-0.04	5.20e-03	-1.76e-03	0.0	-3.39e-05	3.18e-05
409	70	0.01	-6.76e-03	-2.26e-03	9.18e-06	1.52e-04	1.80e-05
409	71	-0.03	4.68e-03	-1.78e-03	0.0	-2.58e-05	3.12e-05
410	6	0.03	-8.79e-03	-2.37e-03	1.57e-05	2.22e-04	3.49e-05
410	7	-0.05	9.75e-03	-1.56e-03	-1.56e-05	-2.32e-04	-1.83e-05
410	38	6.24e-03	-3.93e-03	-2.16e-03	7.50e-06	1.03e-04	2.08e-05

410	39	-0.03	4.90e-03	-1.77e-03	-7.43e-06	-1.13e-04	-4.27e-06
410	70	4.71e-03	-3.56e-03	-2.14e-03	6.87e-06	9.42e-05	1.98e-05
410	71	-0.03	4.53e-03	-1.79e-03	-6.80e-06	-1.04e-04	-3.21e-06
411	7	-0.04	7.93e-03	-1.43e-03	-1.99e-05	-2.71e-04	-1.91e-05
411	26	2.16e-03	-3.96e-03	-2.15e-03	4.65e-06	5.89e-05	1.91e-05
411	38	2.98e-03	-2.72e-03	-1.96e-03	5.42e-06	6.71e-05	1.56e-05
411	39	-0.03	4.15e-03	-1.62e-03	-1.09e-05	-1.51e-04	-6.66e-06
411	70	1.81e-03	-2.43e-03	-1.95e-03	4.73e-06	5.80e-05	1.47e-05
411	71	-0.02	3.86e-03	-1.63e-03	-1.03e-05	-1.42e-04	-5.72e-06
412	6	0.01	-4.51e-03	-1.83e-03	1.24e-05	1.51e-04	2.08e-05
412	7	-0.03	5.95e-03	-1.20e-03	-2.15e-05	-2.84e-04	-1.57e-05
412	38	1.05e-03	-1.77e-03	-1.67e-03	3.51e-06	3.69e-05	1.12e-05
412	39	-0.02	3.21e-03	-1.36e-03	-1.27e-05	-1.71e-04	-6.08e-06
412	70	2.22e-04	-1.56e-03	-1.65e-03	2.83e-06	2.82e-05	1.05e-05
412	71	-0.02	3.00e-03	-1.38e-03	-1.20e-05	-1.62e-04	-5.35e-06
413	6	6.76e-03	-2.83e-03	-1.44e-03	9.93e-06	1.15e-04	1.36e-05
413	7	-0.02	4.01e-03	-9.13e-04	-2.03e-05	-2.66e-04	-1.10e-05
413	38	1.32e-04	-1.04e-03	-1.30e-03	2.03e-06	1.54e-05	7.12e-06
413	39	-0.01	2.22e-03	-1.05e-03	-1.24e-05	-1.66e-04	-4.50e-06
413	70	-3.76e-04	-9.05e-04	-1.29e-03	1.42e-06	7.74e-06	6.63e-06
413	71	-0.01	2.08e-03	-1.06e-03	-1.18e-05	-1.58e-04	-4.01e-06
414	6	3.06e-03	-1.50e-03	-9.84e-04	7.19e-06	7.91e-05	7.01e-06
414	7	-9.13e-03	2.28e-03	-6.10e-04	-1.64e-05	-2.12e-04	-6.15e-06
414	38	-1.30e-04	-5.08e-04	-8.85e-04	1.03e-06	1.31e-06	3.53e-06
414	39	-5.95e-03	1.29e-03	-7.09e-04	-1.02e-05	-1.36e-04	-2.67e-06
414	70	-3.74e-04	-4.33e-04	-8.78e-04	0.0	-2.81e-06	3.27e-06
414	71	-5.70e-03	1.21e-03	-7.16e-04	-9.74e-06	-1.30e-04	-2.41e-06
415	6	7.70e-04	-5.36e-04	-5.01e-04	3.98e-06	4.17e-05	2.17e-06
415	7	-2.48e-03	8.99e-04	-3.03e-04	-9.61e-06	-1.23e-04	-2.14e-06
415	38	-8.09e-05	-1.60e-04	-4.49e-04	0.0	-1.26e-06	1.03e-06
415	39	-1.63e-03	5.24e-04	-3.55e-04	-6.06e-06	-7.96e-05	-1.00e-06
415	70	-1.46e-04	-1.31e-04	-4.45e-04	0.0	-4.55e-06	0.0
415	71	-1.57e-03	4.95e-04	-3.59e-04	-5.79e-06	-7.63e-05	0.0
416	1	0.0	0.0	0.0	0.0	0.0	0.0
416	33	0.0	0.0	0.0	0.0	0.0	0.0
416	65	0.0	0.0	0.0	0.0	0.0	0.0
417	6	0.04	-0.01	-3.89e-03	1.92e-05	2.55e-04	2.91e-05
417	7	-0.06	0.01	-1.48e-03	-1.53e-05	-1.65e-04	-3.66e-05
417	38	0.01	-5.42e-03	-3.26e-03	1.02e-05	1.45e-04	1.17e-05
417	39	-0.03	5.59e-03	-2.11e-03	-6.27e-06	-5.53e-05	-1.92e-05
417	70	9.53e-03	-4.96e-03	-3.21e-03	9.51e-06	1.37e-04	1.04e-05
417	71	-0.03	5.13e-03	-2.16e-03	-5.58e-06	-4.69e-05	-1.79e-05
418	6	0.05	-0.01	-4.08e-03	2.21e-05	2.66e-04	-4.18e-06
418	7	-0.06	0.01	-1.40e-03	-1.44e-05	-1.17e-04	3.39e-05
418	38	0.02	-7.45e-03	-3.38e-03	1.25e-05	1.66e-04	5.94e-06
418	39	-0.04	5.32e-03	-2.10e-03	-4.88e-06	-1.70e-05	2.37e-05
418	70	0.02	-6.91e-03	-3.32e-03	1.18e-05	1.58e-04	6.69e-06
418	71	-0.03	4.79e-03	-2.15e-03	-4.15e-06	-9.27e-06	2.30e-05
419	6	0.03	-8.82e-03	-3.62e-03	1.53e-05	2.26e-04	1.99e-05
419	7	-0.05	0.01	-1.43e-03	-1.59e-05	-2.28e-04	-4.61e-05
419	38	6.52e-03	-3.86e-03	-3.04e-03	7.15e-06	1.07e-04	2.50e-06
419	39	-0.03	5.17e-03	-2.01e-03	-7.76e-06	-1.09e-04	-2.87e-05
419	70	4.96e-03	-3.48e-03	-3.00e-03	6.53e-06	9.83e-05	1.19e-06
419	71	-0.03	4.79e-03	-2.05e-03	-7.13e-06	-1.00e-04	-2.73e-05
420	6	0.02	-6.52e-03	-3.21e-03	1.18e-05	1.91e-04	1.46e-05
420	7	-0.04	8.15e-03	-1.22e-03	-1.73e-05	-2.74e-04	-4.09e-05
420	38	3.16e-03	-2.68e-03	-2.69e-03	4.17e-06	6.91e-05	0.0
420	39	-0.03	4.31e-03	-1.74e-03	-9.66e-06	-1.53e-04	-2.63e-05
420	70	1.96e-03	-2.39e-03	-2.65e-03	3.59e-06	5.98e-05	-1.11e-06
420	71	-0.02	4.01e-03	-1.78e-03	-9.08e-06	-1.44e-04	-2.52e-05
421	6	0.01	-4.55e-03	-2.70e-03	8.91e-06	1.54e-04	1.07e-05
421	7	-0.03	6.05e-03	-9.40e-04	-1.79e-05	-2.90e-04	-3.08e-05
421	38	1.16e-03	-1.78e-03	-2.23e-03	1.90e-06	3.83e-05	0.0
421	39	-0.02	3.27e-03	-1.40e-03	-1.09e-05	-1.74e-04	-1.99e-05
421	70	3.17e-04	-1.56e-03	-2.20e-03	1.36e-06	2.94e-05	-1.04e-06
421	71	-0.02	3.06e-03	-1.44e-03	-1.03e-05	-1.65e-04	-1.90e-05
422	6	7.00e-03	-2.89e-03	-2.09e-03	6.53e-06	1.18e-04	7.05e-06
422	7	-0.02	4.04e-03	-6.67e-04	-1.68e-05	-2.71e-04	-2.04e-05
422	38	1.99e-04	-1.07e-03	-1.72e-03	0.0	1.66e-05	0.0
422	39	-0.01	2.22e-03	-1.04e-03	-1.07e-05	-1.69e-04	-1.32e-05
422	70	-3.22e-04	-9.35e-04	-1.69e-03	0.0	8.81e-06	0.0
422	71	-0.01	2.09e-03	-1.07e-03	-1.02e-05	-1.61e-04	-1.26e-05
423	6	3.18e-03	-1.54e-03	-1.42e-03	4.32e-06	8.21e-05	3.64e-06
423	7	-9.38e-03	2.26e-03	-4.22e-04	-1.33e-05	-2.17e-04	-1.12e-05
423	38	-1.03e-04	-5.45e-04	-1.16e-03	0.0	4.04e-06	0.0
423	39	-6.09e-03	1.27e-03	-6.84e-04	-8.72e-06	-1.38e-04	-7.29e-06
423	70	-3.54e-04	-4.69e-04	-1.14e-03	0.0	-1.95e-06	0.0

423	71	-5.84e-03	1.19e-03	-7.04e-04	-8.36e-06	-1.32e-04	-7.00e-06
424	6	8.00e-04	-5.56e-04	-7.16e-04	2.14e-06	4.36e-05	1.11e-06
424	7	-2.56e-03	8.70e-04	-2.01e-04	-7.62e-06	-1.26e-04	-3.91e-06
424	38	-7.93e-05	-1.83e-04	-5.80e-04	0.0	0.0	0.0
424	39	-1.68e-03	4.96e-04	-3.36e-04	-5.06e-06	-8.17e-05	-2.59e-06
424	70	-1.47e-04	-1.54e-04	-5.70e-04	0.0	-4.15e-06	0.0
424	71	-1.62e-03	4.68e-04	-3.46e-04	-4.87e-06	-7.83e-05	-2.49e-06
425	1	0.0	0.0	0.0	0.0	0.0	0.0
425	33	0.0	0.0	0.0	0.0	0.0	0.0
425	65	0.0	0.0	0.0	0.0	0.0	0.0
426	6	0.04	-0.01	-5.58e-03	1.87e-05	2.68e-04	1.44e-05
426	7	-0.06	0.01	-1.57e-03	-9.59e-06	-1.45e-04	-6.74e-05
426	38	0.01	-5.29e-03	-4.53e-03	1.13e-05	1.60e-04	-7.24e-06
426	39	-0.03	6.10e-03	-2.62e-03	-2.19e-06	-3.67e-05	-4.58e-05
426	70	9.41e-03	-4.81e-03	-4.45e-03	1.08e-05	1.52e-04	-8.86e-06
426	71	-0.03	5.62e-03	-2.70e-03	-1.62e-06	-2.84e-05	-4.42e-05
427	6	0.05	-0.01	-5.99e-03	1.86e-05	2.75e-04	-1.73e-05
427	7	-0.06	0.01	-1.65e-03	-3.58e-06	-7.48e-05	3.03e-05
427	38	0.02	-7.61e-03	-4.85e-03	1.28e-05	1.84e-04	-4.68e-06
427	39	-0.04	5.56e-03	-2.79e-03	2.23e-06	1.67e-05	1.77e-05
427	70	0.02	-7.06e-03	-4.77e-03	1.24e-05	1.77e-04	-3.73e-06
427	71	-0.03	5.00e-03	-2.88e-03	2.68e-06	2.37e-05	1.68e-05
428	6	0.03	-8.84e-03	-5.07e-03	1.61e-05	2.29e-04	3.06e-06
428	7	-0.05	0.01	-1.31e-03	-1.62e-05	-2.29e-04	-7.34e-05
428	38	6.16e-03	-3.75e-03	-4.08e-03	7.68e-06	1.09e-04	-1.71e-05
428	39	-0.03	5.50e-03	-2.30e-03	-7.76e-06	-1.10e-04	-5.33e-05
428	70	4.56e-03	-3.36e-03	-4.01e-03	7.04e-06	1.00e-04	-1.86e-05
428	71	-0.03	5.11e-03	-2.37e-03	-7.11e-06	-1.00e-04	-5.18e-05
429	6	0.02	-6.56e-03	-4.42e-03	1.37e-05	1.92e-04	1.53e-06
429	7	-0.04	8.36e-03	-9.07e-04	-2.03e-05	-2.84e-04	-5.98e-05
429	38	2.82e-03	-2.66e-03	-3.49e-03	4.80e-06	6.75e-05	-1.46e-05
429	39	-0.03	4.45e-03	-1.83e-03	-1.14e-05	-1.60e-04	-4.37e-05
429	70	1.59e-03	-2.36e-03	-3.42e-03	4.12e-06	5.79e-05	1.59e-05
429	71	-0.03	4.15e-03	-1.90e-03	-1.07e-05	-1.50e-04	-4.25e-05
430	6	0.01	-4.62e-03	-3.66e-03	1.11e-05	1.55e-04	1.13e-06
430	7	-0.03	6.14e-03	-5.51e-04	-2.14e-05	-3.00e-04	-4.25e-05
430	38	9.15e-04	-1.80e-03	-2.85e-03	2.60e-06	3.60e-05	-1.04e-05
430	39	-0.02	3.32e-03	-1.37e-03	-1.29e-05	-1.81e-04	-3.10e-05
430	70	4.50e-05	-1.59e-03	-2.78e-03	1.95e-06	2.68e-05	-1.13e-05
430	71	-0.02	3.11e-03	-1.43e-03	-1.23e-05	-1.72e-04	-3.02e-05
431	6	7.02e-03	-2.98e-03	-2.83e-03	8.53e-06	1.19e-04	0.0
431	7	-0.02	4.07e-03	-3.00e-04	-1.99e-05	-2.80e-04	-2.69e-05
431	38	3.37e-05	-1.13e-03	-2.16e-03	1.10e-06	1.47e-05	-6.58e-06
431	39	-0.01	2.23e-03	-9.63e-04	-1.25e-05	-1.76e-04	-1.96e-05
431	70	-5.02e-04	-9.90e-04	-2.11e-03	0.0	6.67e-06	-7.13e-06
431	71	-0.01	2.09e-03	-1.01e-03	-1.19e-05	-1.68e-04	-1.90e-05
432	6	3.19e-03	-1.63e-03	-1.91e-03	5.90e-06	8.22e-05	0.0
432	7	-9.76e-03	2.26e-03	-1.46e-04	-1.59e-05	-2.23e-04	-1.42e-05
432	38	-1.98e-04	-6.10e-04	-1.45e-03	0.0	2.35e-06	-3.56e-06
432	39	-6.37e-03	1.24e-03	-6.11e-04	-1.02e-05	-1.43e-04	-1.04e-05
432	70	-4.57e-04	-5.32e-04	-1.41e-03	0.0	-3.77e-06	-3.85e-06
432	71	-6.11e-03	1.16e-03	-6.46e-04	-9.74e-06	-1.37e-04	-1.01e-05
433	6	7.98e-04	-6.02e-04	-9.59e-04	3.17e-06	4.39e-05	0.0
433	7	-2.70e-03	8.36e-04	-5.44e-05	-9.34e-06	-1.31e-04	-5.19e-06
433	38	-1.15e-04	-2.25e-04	-7.22e-04	0.0	-1.83e-06	-1.17e-06
433	39	-1.78e-03	4.59e-04	-2.92e-04	-6.07e-06	-8.54e-05	-3.75e-06
433	70	-1.85e-04	-1.96e-04	-7.04e-04	0.0	-5.34e-06	-1.28e-06
433	71	-1.71e-03	4.30e-04	-3.10e-04	-5.82e-06	-8.19e-05	-3.64e-06
434	1	0.0	0.0	0.0	0.0	0.0	0.0
434	33	0.0	0.0	0.0	0.0	0.0	0.0
434	65	0.0	0.0	0.0	0.0	0.0	0.0
435	6	0.04	-0.01	-7.60e-03	1.90e-05	2.82e-04	-7.29e-06
435	7	-0.06	0.01	-1.62e-03	-4.28e-06	-1.11e-04	-1.00e-04
435	38	0.01	-4.98e-03	-6.03e-03	1.29e-05	1.79e-04	-3.17e-05
435	39	-0.04	6.90e-03	-3.19e-03	1.81e-06	-8.63e-06	-7.57e-05
435	70	8.44e-03	-4.48e-03	-5.91e-03	1.25e-05	1.71e-04	-3.36e-05
435	71	-0.03	6.40e-03	-3.31e-03	2.27e-06	0.0	-7.39e-05
436	6	0.05	-0.02	-8.66e-03	4.96e-05	3.74e-04	3.72e-05
436	7	-0.06	0.01	-2.76e-03	1.81e-05	2.71e-05	-3.93e-05
436	38	0.02	-7.80e-03	-7.11e-03	4.14e-05	2.83e-04	1.69e-05
436	39	-0.04	5.82e-03	-4.31e-03	2.63e-05	1.18e-04	-1.90e-05
436	70	0.02	-7.22e-03	-6.99e-03	4.07e-05	2.76e-04	1.53e-05
436	71	-0.03	5.25e-03	-4.43e-03	2.70e-05	1.25e-04	-1.75e-05
437	6	0.03	-8.86e-03	-6.70e-03	1.88e-05	2.33e-04	-1.08e-05
437	7	-0.06	0.01	-9.65e-04	-2.08e-05	-2.43e-04	-9.65e-05
437	38	5.19e-03	-3.66e-03	-5.19e-03	8.50e-06	1.09e-04	-3.34e-05
437	39	-0.03	5.78e-03	-2.47e-03	-1.04e-05	-1.19e-04	-7.40e-05

437	70	3.54e-03	-3.27e-03	-5.08e-03	7.70e-06	9.90e-05	-3.51e-05
437	71	-0.03	5.39e-03	-2.59e-03	-9.63e-06	-1.09e-04	-7.23e-05
438	6	0.02	-6.64e-03	-5.73e-03	1.61e-05	1.90e-04	-9.69e-06
438	7	-0.04	8.51e-03	-3.06e-04	-2.52e-05	-3.00e-04	-7.27e-05
438	38	2.04e-03	-2.67e-03	-4.30e-03	5.28e-06	6.18e-05	-2.63e-05
438	39	-0.03	4.54e-03	-1.73e-03	-1.44e-05	-1.72e-04	-5.61e-05
438	70	7.75e-04	-2.37e-03	-4.19e-03	4.46e-06	5.20e-05	-2.75e-05
438	71	-0.03	4.24e-03	-1.84e-03	-1.36e-05	-1.62e-04	-5.49e-05
439	6	0.01	-4.74e-03	-4.72e-03	1.35e-05	1.54e-04	-6.82e-06
439	7	-0.03	6.22e-03	7.86e-05	-2.61e-05	-3.16e-04	-4.93e-05
439	38	3.67e-04	-1.87e-03	-3.46e-03	3.19e-06	3.11e-05	-1.80e-05
439	39	-0.02	3.35e-03	-1.18e-03	-1.58e-05	-1.93e-04	-3.81e-05
439	70	-5.26e-04	-1.65e-03	-3.36e-03	2.39e-06	2.17e-05	-1.89e-05
439	71	-0.02	3.13e-03	-1.28e-03	-1.50e-05	-1.84e-04	-3.73e-05
440	6	6.83e-03	-3.11e-03	-3.65e-03	1.06e-05	1.18e-04	-5.07e-06
440	7	-0.02	4.11e-03	2.67e-04	-2.38e-05	-2.93e-04	-2.86e-05
440	38	-3.26e-04	-1.22e-03	-2.63e-03	1.61e-06	1.07e-05	-1.13e-05
440	39	-0.01	2.22e-03	-7.63e-04	-1.48e-05	-1.85e-04	-2.24e-05
440	70	-8.74e-04	-1.07e-03	-2.55e-03	0.0	2.51e-06	-1.18e-05
440	71	-0.01	2.08e-03	-8.41e-04	-1.41e-05	-1.77e-04	-2.19e-05
441	6	3.05e-03	-1.77e-03	-2.51e-03	7.03e-06	8.08e-05	-1.12e-05
441	7	-0.01	2.27e-03	2.94e-04	-1.84e-05	-2.32e-04	-4.96e-06
441	38	-4.00e-04	-7.12e-04	-1.77e-03	0.0	0.0	-9.50e-06
441	39	-6.69e-03	1.21e-03	-4.42e-04	-1.17e-05	-1.50e-04	-6.62e-06
441	70	-6.65e-04	-6.31e-04	-1.72e-03	0.0	-7.27e-06	-9.38e-06
441	71	-6.43e-03	1.13e-03	-4.98e-04	-1.12e-05	-1.44e-04	-6.74e-06
442	6	7.53e-04	-6.99e-04	-1.26e-03	2.83e-06	4.19e-05	-3.21e-06
442	7	-2.83e-03	8.13e-04	1.74e-04	-9.74e-06	-1.35e-04	-1.27e-06
442	38	-1.84e-04	-3.03e-04	-8.84e-04	0.0	-4.43e-06	-2.69e-06
442	39	-1.89e-03	4.17e-04	-2.03e-04	-6.45e-06	-8.90e-05	-1.80e-06
442	70	-2.56e-04	-2.73e-04	-8.55e-04	0.0	-7.98e-06	-2.65e-06
442	71	-1.82e-03	3.87e-04	-2.31e-04	-6.20e-06	-8.54e-05	-1.84e-06
443	1	0.0	0.0	0.0	0.0	0.0	0.0
443	33	0.0	0.0	0.0	0.0	0.0	0.0
443	65	0.0	0.0	0.0	0.0	0.0	0.0
444	6	0.04	-0.01	-9.77e-03	2.39e-05	3.42e-04	-5.11e-05
444	7	-0.07	0.01	-1.38e-03	-6.79e-06	-9.70e-05	-1.73e-04
444	38	9.15e-03	-4.32e-03	-7.57e-03	1.59e-05	2.28e-04	-8.32e-05
444	39	-0.04	7.94e-03	-3.59e-03	1.24e-06	1.78e-05	-1.41e-04
444	70	7.10e-03	-3.80e-03	-7.40e-03	1.53e-05	2.19e-04	-8.56e-05
444	71	-0.04	7.43e-03	-3.75e-03	1.86e-06	2.66e-05	-1.39e-04
445	6	0.03	-8.95e-03	-8.31e-03	1.59e-05	2.27e-04	-2.70e-05
445	7	-0.06	0.01	1.77e-04	-1.78e-05	-2.55e-04	-1.16e-04
445	38	3.75e-03	-3.69e-03	-6.08e-03	7.09e-06	1.01e-04	-5.03e-05
445	39	-0.04	5.88e-03	-2.05e-03	-9.01e-06	-1.29e-04	-9.25e-05
445	70	2.05e-03	-3.29e-03	-5.91e-03	6.41e-06	9.17e-05	-5.21e-05
445	71	-0.03	5.48e-03	-2.22e-03	-8.33e-06	-1.19e-04	-9.07e-05
446	6	0.02	-6.78e-03	-7.05e-03	1.32e-05	1.88e-04	-1.73e-05
446	7	-0.05	8.62e-03	7.45e-04	-2.21e-05	-3.16e-04	-8.08e-05
446	38	9.71e-04	-2.75e-03	-5.00e-03	3.95e-06	5.64e-05	-3.40e-05
446	39	-0.03	4.58e-03	-1.30e-03	-1.29e-05	-1.85e-04	-6.41e-05
446	70	-3.34e-04	-2.44e-03	-4.85e-03	3.24e-06	4.63e-05	-3.53e-05
446	71	-0.03	4.28e-03	-1.46e-03	-1.22e-05	-1.74e-04	-6.28e-05
447	6	0.01	-4.89e-03	-5.83e-03	1.07e-05	1.53e-04	-1.28e-05
447	7	-0.03	6.29e-03	1.02e-03	-2.31e-05	-3.30e-04	-5.08e-05
447	38	-3.87e-04	-1.96e-03	-4.03e-03	1.88e-06	2.68e-05	-2.28e-05
447	39	-0.02	3.37e-03	-7.76e-04	-1.43e-05	-2.04e-04	-4.07e-05
447	70	-1.30e-03	-1.74e-03	-3.90e-03	1.20e-06	1.71e-05	-2.36e-05
447	71	-0.02	3.14e-03	-9.13e-04	-1.36e-05	-1.94e-04	-4.00e-05
448	6	6.43e-03	-3.28e-03	-4.58e-03	8.23e-06	1.18e-04	-2.25e-05
448	7	-0.02	4.16e-03	1.10e-03	-2.13e-05	-3.05e-04	-1.22e-05
448	38	-8.16e-04	-1.33e-03	-3.09e-03	0.0	7.30e-06	-1.98e-05
448	39	-0.01	2.21e-03	-3.90e-04	-1.36e-05	-1.94e-04	-1.50e-05
448	70	-1.37e-03	-1.18e-03	-2.98e-03	0.0	-1.16e-06	-1.96e-05
448	71	-0.01	2.06e-03	-5.04e-04	-1.30e-05	-1.86e-04	-1.52e-05
449	6	2.73e-03	-1.96e-03	-3.25e-03	5.60e-06	8.01e-05	-1.14e-05
449	7	-0.01	2.30e-03	9.89e-04	-1.68e-05	-2.41e-04	0.0
449	38	-6.79e-04	-8.42e-04	-2.14e-03	0.0	-3.73e-06	-8.46e-06
449	39	-6.91e-03	1.18e-03	-1.24e-04	-1.10e-05	-1.57e-04	-3.17e-06
449	70	-9.41e-04	-7.57e-04	-2.05e-03	0.0	-1.02e-05	-8.24e-06
449	71	-6.65e-03	1.10e-03	-2.09e-04	-1.05e-05	-1.50e-04	-3.40e-06
450	6	5.74e-04	-9.18e-04	-1.80e-03	2.67e-06	3.82e-05	-8.89e-06
450	7	-2.71e-03	8.60e-04	6.62e-04	-9.53e-06	-1.36e-04	1.26e-05
450	38	-2.84e-04	-4.52e-04	-1.15e-03	0.0	-7.42e-06	-3.26e-06
450	39	-1.85e-03	3.94e-04	1.73e-05	-6.34e-06	6.98e-05	-9.68e-06
450	70	-3.50e-04	-4.16e-04	-1.10e-03	0.0	-1.09e-05	-2.83e-06
450	71	-1.78e-03	3.58e-04	-3.18e-05	-6.09e-06	-8.71e-05	6.55e-06

451	6	0.04	-0.01	3.06e-03	5.04e-05	7.21e-04	-8.14e-06
451	7	-0.07	0.01	-5.97e-03	2.73e-05	3.90e-04	-2.99e-05
451	38	0.01	-7.64e-03	6.84e-04	4.44e-05	6.35e-04	-1.40e-05
451	39	-0.04	5.04e-03	-3.60e-03	3.33e-05	4.77e-04	-2.40e-05
451	70	0.01	-7.11e-03	5.04e-04	4.39e-05	6.28e-04	-1.44e-05
451	71	-0.04	4.50e-03	-3.42e-03	3.38e-05	4.83e-04	-2.36e-05
452	6	0.06	-0.02	-0.01	1.86e-05	2.67e-04	-3.92e-05
452	7	-0.07	0.01	-4.18e-03	-2.72e-06	-3.88e-05	1.10e-05
452	38	0.02	-0.01	-9.39e-03	1.31e-05	1.87e-04	-2.57e-05
452	39	-0.03	4.23e-03	-6.04e-03	2.86e-06	4.09e-05	-2.45e-06
452	70	0.02	-0.01	-9.25e-03	1.26e-05	1.81e-04	-2.47e-05
452	71	-0.03	3.61e-03	-6.19e-03	3.29e-06	4.71e-05	-3.43e-06
453	6	0.04	-0.01	2.54e-03	3.27e-05	4.26e-04	6.73e-06
453	7	-0.07	0.01	-4.11e-03	-6.12e-06	2.30e-05	-1.97e-05
453	38	0.01	-7.30e-03	7.90e-04	2.25e-05	3.21e-04	0.0
453	39	-0.04	5.37e-03	-2.37e-03	4.02e-06	1.28e-04	-1.26e-05
453	70	0.01	-6.77e-03	6.57e-04	2.18e-05	3.13e-04	0.0
453	71	-0.04	4.84e-03	-2.24e-03	4.80e-06	1.36e-04	-1.21e-05
454	6	0.05	-0.01	1.59e-03	2.65e-05	3.49e-04	2.34e-05
454	7	-0.07	0.01	-3.27e-03	-3.10e-06	-7.86e-05	1.65e-06
454	38	0.02	-7.30e-03	3.12e-04	1.88e-05	2.37e-04	1.74e-05
454	39	-0.04	5.42e-03	-2.00e-03	4.63e-06	3.32e-05	7.63e-06
454	70	0.01	-6.76e-03	2.15e-04	1.82e-05	2.29e-04	1.70e-05
454	71	-0.04	4.89e-03	-1.90e-03	5.23e-06	4.18e-05	8.05e-06
455	6	0.05	-0.01	6.61e-04	2.06e-05	3.08e-04	3.70e-05
455	7	-0.07	0.01	-2.63e-03	-9.90e-06	-1.22e-04	1.66e-05
455	38	0.02	-7.44e-03	-2.03e-04	1.26e-05	1.96e-04	3.14e-05
455	39	-0.04	5.37e-03	-1.77e-03	-1.93e-06	-9.84e-06	2.22e-05
455	70	0.01	-6.91e-03	-2.69e-04	1.20e-05	1.87e-04	3.10e-05
455	71	-0.04	4.83e-03	-1.70e-03	-1.32e-06	-1.22e-06	2.26e-05
456	6	0.05	-0.01	-3.00e-04	2.15e-05	2.87e-04	1.87e-05
456	7	-0.07	0.01	-2.12e-03	-1.03e-05	-1.40e-04	4.60e-05
456	38	0.02	-7.71e-03	-7.77e-04	1.32e-05	1.75e-04	2.61e-05
456	39	-0.04	5.27e-03	-1.64e-03	-1.95e-06	-2.81e-05	3.86e-05
456	70	0.02	-7.16e-03	-8.13e-04	1.26e-05	1.67e-04	2.66e-05
456	71	-0.04	4.72e-03	-1.61e-03	-1.31e-06	-1.96e-05	3.81e-05
457	6	0.05	-0.02	-1.35e-03	1.96e-05	2.75e-04	1.60e-05
457	7	-0.07	0.01	-1.72e-03	-1.00e-05	-1.39e-04	4.89e-05
457	38	0.02	-8.06e-03	-1.45e-03	1.18e-05	1.67e-04	2.49e-05
457	39	-0.04	5.14e-03	-1.62e-03	-2.28e-06	-3.06e-05	4.00e-05
457	70	0.02	-7.51e-03	-1.46e-03	1.12e-05	1.59e-04	2.55e-05
457	71	-0.04	4.58e-03	-1.62e-03	-1.69e-06	-2.23e-05	3.93e-05
458	6	0.05	-0.02	-2.62e-03	1.44e-05	2.69e-04	9.18e-06
458	7	-0.07	0.01	-1.43e-03	-3.56e-06	-1.26e-04	4.96e-05
458	38	0.02	-8.49e-03	-2.30e-03	9.73e-06	1.66e-04	2.01e-05
458	39	-0.04	4.99e-03	-1.74e-03	1.13e-06	-2.27e-05	3.86e-05
458	70	0.02	-7.93e-03	-2.28e-03	9.37e-06	1.58e-04	2.09e-05
458	71	-0.03	4.43e-03	-1.76e-03	1.49e-06	-1.48e-05	3.79e-05
459	6	0.05	-0.02	-4.19e-03	2.37e-05	2.62e-04	1.45e-06
459	7	-0.07	0.01	-1.35e-03	-1.43e-05	-1.01e-04	4.82e-05
459	38	0.02	-8.99e-03	-3.45e-03	1.38e-05	1.67e-04	1.41e-05
459	39	-0.04	4.83e-03	-2.10e-03	-4.35e-06	-6.04e-06	3.55e-05
459	70	0.02	-8.41e-03	-3.39e-03	1.30e-05	1.60e-04	1.50e-05
459	71	-0.03	4.25e-03	-2.16e-03	-3.59e-06	1.24e-06	3.46e-05
460	6	0.05	-0.02	-6.26e-03	1.61e-05	2.56e-04	-4.43e-06
460	7	-0.07	0.01	-1.70e-03	-2.83e-06	-7.20e-05	4.47e-05
460	38	0.02	-9.55e-03	-5.07e-03	1.12e-05	1.70e-04	8.93e-06
460	39	-0.03	4.64e-03	-2.90e-03	2.11e-06	1.37e-05	3.14e-05
460	70	0.02	-8.95e-03	-4.98e-03	1.08e-05	1.63e-04	9.89e-06
460	71	-0.03	4.04e-03	-2.99e-03	2.49e-06	2.03e-05	3.04e-05
461	6	0.06	-0.02	-8.80e-03	1.06e-05	2.15e-04	-8.23e-06
461	7	-0.07	0.01	-2.81e-03	6.28e-06	-2.16e-05	3.53e-05
461	38	0.02	-0.01	-7.23e-03	9.44e-06	1.53e-04	3.51e-06
461	39	-0.03	4.35e-03	-4.38e-03	7.41e-06	4.02e-05	2.36e-05
461	70	0.02	-9.69e-03	-7.11e-03	9.36e-06	1.49e-04	4.36e-06
461	71	-0.03	3.73e-03	-4.50e-03	7.50e-06	4.50e-05	2.27e-05
462	6	0.05	-0.02	2.45e-03	-1.41e-06	5.28e-04	-3.83e-05
462	7	-0.07	0.01	-4.15e-03	-7.59e-06	9.55e-05	-6.44e-05
462	38	0.02	-7.84e-03	7.19e-04	-3.03e-06	4.15e-04	-4.55e-05
462	39	-0.04	5.47e-03	-2.42e-03	-5.96e-06	2.08e-04	-5.73e-05
462	70	0.02	-7.28e-03	5.87e-04	-3.16e-06	4.06e-04	-4.60e-05
462	71	-0.04	4.91e-03	-2.29e-03	-5.84e-06	2.17e-04	-5.68e-05
463	6	0.05	-0.02	1.60e-03	2.42e-05	3.51e-04	1.35e-05
463	7	-0.07	0.01	-3.29e-03	1.93e-06	-7.14e-05	-9.81e-06
463	38	0.02	-7.85e-03	3.16e-04	1.84e-05	2.41e-04	7.14e-06
463	39	-0.04	5.51e-03	-2.01e-03	7.76e-06	3.90e-05	-3.45e-06
463	70	0.02	-7.29e-03	2.18e-04	1.80e-05	2.32e-04	6.69e-06

463	71	-0.04	4.95e-03	-1.91e-03	8.21e-06	4.74e-05	-3.00e-06
464	6	0.05	-0.02	6.50e-04	2.04e-05	3.08e-04	3.15e-05
464	7	-0.07	0.01	-2.64e-03	-8.43e-06	-1.23e-04	1.14e-05
464	38	0.02	-8.06e-03	-2.13e-04	1.29e-05	1.96e-04	2.60e-05
464	39	-0.04	5.45e-03	-1.78e-03	0.0	-1.02e-05	1.69e-05
464	70	0.02	-7.49e-03	-2.79e-04	1.23e-05	1.87e-04	2.56e-05
464	71	-0.04	4.89e-03	-1.71e-03	0.0	-1.53e-06	1.73e-05
465	6	0.05	-0.02	-3.28e-04	2.10e-05	2.87e-04	1.59e-05
465	7	-0.07	0.01	-2.13e-03	-1.04e-05	-1.38e-04	4.32e-05
465	38	0.02	-8.43e-03	-8.00e-04	1.28e-05	1.76e-04	2.33e-05
465	39	-0.04	5.31e-03	-1.66e-03	-2.16e-06	-2.68e-05	3.58e-05
465	70	0.02	-7.86e-03	-8.36e-04	1.22e-05	1.67e-04	2.38e-05
465	71	-0.04	4.74e-03	-1.62e-03	-1.53e-06	-1.83e-05	3.53e-05
466	6	0.06	-0.02	-1.40e-03	1.96e-05	2.75e-04	1.55e-05
466	7	-0.07	0.01	-1.73e-03	-9.77e-06	-1.35e-04	4.90e-05
466	38	0.02	-8.97e-03	-1.49e-03	1.19e-05	1.68e-04	2.46e-05
466	39	-0.04	5.09e-03	-1.64e-03	-2.10e-06	-2.79e-05	3.99e-05
466	70	0.02	-8.38e-03	-1.49e-03	1.13e-05	1.60e-04	2.52e-05
466	71	-0.04	4.50e-03	-1.63e-03	-1.51e-06	-1.97e-05	3.93e-05
467	6	0.06	-0.02	-2.69e-03	1.40e-05	2.68e-04	1.05e-05
467	7	-0.07	0.01	-1.43e-03	-3.27e-06	-1.20e-04	5.29e-05
467	38	0.02	-9.68e-03	-2.36e-03	9.49e-06	1.67e-04	2.20e-05
467	39	-0.04	4.76e-03	-1.76e-03	1.24e-06	-1.87e-05	4.14e-05
467	70	0.02	-9.07e-03	-2.33e-03	9.15e-06	1.59e-04	2.28e-05
467	71	-0.03	4.15e-03	-1.79e-03	1.59e-06	-1.09e-05	4.06e-05
468	6	0.06	-0.02	-4.31e-03	2.29e-05	2.61e-04	3.38e-06
468	7	-0.07	0.01	-1.36e-03	-1.23e-05	-9.57e-05	5.37e-05
468	38	0.03	-0.01	-3.53e-03	1.37e-05	1.68e-04	1.70e-05
468	39	-0.04	4.26e-03	-2.14e-03	-3.09e-06	-2.48e-06	4.01e-05
468	70	0.02	-9.94e-03	-3.47e-03	1.30e-05	1.61e-04	1.80e-05
468	71	-0.03	3.64e-03	-2.20e-03	-2.39e-06	4.67e-06	3.91e-05
469	6	0.06	-0.02	-6.45e-03	1.50e-05	2.33e-04	-5.39e-06
469	7	-0.07	0.01	-1.76e-03	-1.05e-06	-4.39e-05	4.96e-05
469	38	0.03	-0.01	-5.22e-03	1.08e-05	1.61e-04	9.43e-06
469	39	-0.03	3.58e-03	-2.99e-03	3.14e-06	2.84e-05	3.48e-05
469	70	0.02	-0.01	-5.12e-03	1.05e-05	1.55e-04	1.05e-05
469	71	-0.03	2.94e-03	-3.09e-03	3.47e-06	3.40e-05	3.37e-05
470	6	0.06	-0.02	-9.31e-03	5.54e-05	3.11e-04	-9.21e-06
470	7	-0.07	0.01	-3.11e-03	1.91e-05	5.00e-05	4.50e-05
470	38	0.03	-0.01	-7.68e-03	4.59e-05	2.43e-04	5.31e-06
470	39	-0.03	2.92e-03	-4.74e-03	2.86e-05	1.18e-04	3.05e-05
470	70	0.03	-0.01	-7.56e-03	4.52e-05	2.37e-04	6.38e-06
470	71	-0.03	2.28e-03	-4.87e-03	2.93e-05	1.23e-04	2.94e-05
471	7	-0.06	0.02	-0.03	4.84e-04	1.89e-05	5.57e-05
471	15	-0.06	0.01	-0.03	5.07e-04	1.98e-05	6.43e-05
471	27	-0.03	0.02	-0.02	3.89e-04	1.51e-05	6.11e-05
471	39	-0.03	9.54e-03	-0.02	2.89e-04	1.14e-05	5.00e-05
471	59	-0.02	0.01	-0.01	2.42e-04	9.57e-06	5.25e-05
471	71	-0.03	8.88e-03	-0.02	2.74e-04	1.09e-05	4.96e-05
471	91	-0.01	0.01	-0.01	2.31e-04	9.15e-06	5.19e-05
472	3	-0.02	0.03	0.01	-3.01e-04	-1.25e-05	4.45e-05
472	6	0.02	-0.02	-0.02	1.77e-04	7.37e-06	-3.22e-05
472	7	-0.02	0.03	0.01	-3.01e-04	-1.25e-05	4.43e-05
472	35	-8.12e-03	0.02	3.71e-03	-1.76e-04	-7.32e-06	2.43e-05
472	38	7.32e-03	-5.46e-03	-8.75e-03	5.15e-05	2.15e-06	-1.22e-05
472	39	-8.17e-03	0.02	3.75e-03	-1.76e-04	-7.32e-06	2.42e-05
472	67	-7.47e-03	0.02	3.19e-03	-1.66e-04	-6.92e-06	2.28e-05
472	70	6.67e-03	-4.37e-03	-8.22e-03	4.20e-05	1.75e-06	-1.07e-05
472	71	-7.52e-03	0.02	3.22e-03	-1.66e-04	-6.92e-06	2.27e-05
473	7	-0.07	-7.51e-04	-0.02	4.86e-04	-2.44e-04	0.0
473	13	0.05	0.02	2.02e-03	-2.57e-04	1.18e-04	4.31e-05
473	39	-0.03	-2.51e-04	-0.01	2.69e-04	-1.46e-04	8.78e-06
473	45	0.02	9.78e-03	-2.95e-03	-8.54e-05	2.69e-05	2.92e-05
473	71	-0.03	-2.13e-04	-0.01	2.52e-04	-1.39e-04	9.43e-06
473	77	0.02	8.98e-03	-3.33e-03	-7.21e-05	2.00e-05	2.82e-05
474	7	-0.05	0.03	-0.03	3.55e-04	1.48e-05	3.60e-05
474	39	-0.02	0.02	-0.02	2.56e-04	1.07e-05	3.14e-05
474	71	-0.02	0.02	-0.02	2.48e-04	1.04e-05	3.11e-05
475	7	-0.07	-7.26e-04	-6.64e-03	5.01e-04	-2.07e-04	-1.65e-05
475	13	0.05	0.02	-5.05e-03	-2.72e-04	1.55e-04	3.49e-05
475	39	-0.03	9.44e-05	-6.18e-03	2.76e-04	-1.08e-04	-4.04e-06
475	45	0.02	0.01	-5.42e-03	-9.28e-05	6.54e-05	2.05e-05
475	71	-0.03	1.57e-04	-6.15e-03	2.59e-04	-1.00e-04	-3.09e-06
475	77	0.02	0.01	-5.45e-03	-7.90e-05	5.85e-05	1.94e-05
476	7	-0.04	0.04	-0.03	1.08e-04	4.52e-06	-1.01e-05
476	39	-0.02	0.03	-0.02	7.54e-05	3.15e-06	-1.29e-05
476	71	-0.02	0.02	-0.02	7.29e-05	3.04e-06	-1.32e-05

477	3	-0.01	0.02	8.46e-03	-3.19e-04	-1.33e-05	2.04e-05
477	6	0.01	-0.01	-0.01	1.86e-04	7.74e-06	-1.75e-05
477	7	-0.01	0.02	8.54e-03	-3.19e-04	-1.33e-05	2.03e-05
477	35	-4.96e-03	0.01	3.02e-03	-1.87e-04	-7.78e-06	1.04e-05
477	38	4.89e-03	-3.59e-03	-6.96e-03	5.33e-05	2.22e-06	-7.59e-06
477	39	-4.99e-03	0.01	3.06e-03	-1.87e-04	-7.78e-06	1.04e-05
477	67	-4.55e-03	0.01	2.61e-03	-1.77e-04	-7.36e-06	9.68e-06
477	70	4.48e-03	-2.87e-03	-6.53e-03	4.32e-05	1.80e-06	-6.84e-06
477	71	-4.58e-03	0.01	2.64e-03	-1.76e-04	-7.36e-06	9.62e-06
478	7	-0.03	0.04	-0.02	-6.60e-05	-2.75e-06	-1.39e-05
478	39	-0.02	0.03	-0.01	-3.66e-05	-1.53e-06	-1.60e-05
478	71	-0.02	0.03	-0.01	-3.44e-05	-1.43e-06	-1.61e-05
479	3	-5.39e-03	0.01	6.04e-03	-2.74e-04	-1.14e-05	-1.19e-06
479	6	5.80e-03	-6.56e-03	-8.84e-03	1.59e-04	6.64e-06	-3.13e-06
479	35	-2.48e-03	6.85e-03	2.17e-03	-1.61e-04	-6.69e-06	-1.74e-06
479	38	2.87e-03	-1.80e-03	-4.94e-03	4.56e-05	1.90e-06	-2.67e-06
479	67	-2.25e-03	6.48e-03	1.87e-03	-1.52e-04	-6.33e-06	-1.78e-06
479	70	2.64e-03	-1.43e-03	-4.64e-03	3.69e-05	1.54e-06	-2.63e-06
480	7	-0.02	0.04	-0.02	-1.93e-04	-8.05e-06	-9.20e-06
480	39	-0.01	0.02	-0.01	-1.15e-04	-4.80e-06	-1.17e-05
480	71	-0.01	0.02	-0.01	-1.09e-04	-4.56e-06	-1.19e-05
481	3	-1.98e-03	3.14e-03	3.24e-03	-1.64e-04	-6.85e-06	-1.43e-05
481	6	2.49e-03	-1.76e-03	-4.79e-03	9.51e-05	3.96e-06	6.47e-06
481	35	-8.19e-04	1.85e-03	1.15e-03	-9.62e-05	-4.01e-06	-8.88e-06
481	38	1.32e-03	-4.79e-04	-2.68e-03	2.71e-05	1.13e-06	0.0
481	67	-7.30e-04	1.75e-03	9.91e-04	-9.10e-05	-3.79e-06	-8.46e-06
481	70	1.23e-03	-3.81e-04	-2.52e-03	2.20e-05	0.0	0.0
482	7	-0.02	0.03	-0.02	-2.68e-04	-1.12e-05	2.73e-06
482	39	-8.84e-03	0.02	-0.01	-1.61e-04	-6.70e-06	-3.24e-06
482	71	-8.20e-03	0.02	-9.91e-03	-1.53e-04	-6.36e-06	-3.69e-06
483	7	-0.06	0.02	0.01	6.11e-04	2.55e-05	-1.55e-05
483	14	0.05	-0.01	-0.03	-4.66e-04	-1.94e-05	-2.39e-05
483	27	-0.03	0.02	2.35e-03	4.59e-04	1.91e-05	-2.51e-05
483	39	-0.03	0.01	3.49e-03	3.39e-04	1.41e-05	-1.71e-05
483	46	0.02	-3.10e-03	-0.02	-1.74e-04	-7.24e-06	-2.11e-05
483	59	-0.01	0.01	-2.18e-03	2.64e-04	1.10e-05	-2.15e-05
483	71	-0.03	0.01	2.67e-03	3.18e-04	1.33e-05	-1.72e-05
483	78	0.02	-2.57e-03	-0.02	-1.51e-04	-6.31e-06	-2.09e-05
483	91	-0.01	0.01	-2.52e-03	2.50e-04	1.04e-05	-2.13e-05
484	7	-0.01	0.02	-0.01	-2.85e-04	-1.19e-05	1.17e-05
484	39	-5.75e-03	0.01	-8.15e-03	-1.72e-04	-7.15e-06	3.83e-06
484	71	-5.34e-03	0.01	-7.72e-03	-1.63e-04	-6.79e-06	3.23e-06
485	3	-0.03	0.05	0.01	-7.99e-05	-3.33e-06	8.24e-05
485	6	0.03	-0.03	-0.02	5.88e-05	2.45e-06	-4.94e-05
485	7	-0.03	0.05	0.01	-8.11e-05	-3.38e-06	8.20e-05
485	35	-0.02	0.03	4.51e-03	-4.37e-05	-1.82e-06	4.78e-05
485	38	0.01	-8.11e-03	-0.01	2.20e-05	0.0	-1.50e-05
485	39	-0.02	0.03	4.56e-03	-4.43e-05	-1.85e-06	4.76e-05
485	67	-0.01	0.03	3.83e-03	-4.10e-05	-1.71e-06	4.51e-05
485	70	0.01	-6.53e-03	-0.01	1.92e-05	0.0	-1.23e-05
485	71	-0.01	0.03	3.88e-03	-4.15e-05	-1.73e-06	4.49e-05
486	7	-6.15e-03	9.96e-03	-9.64e-03	-2.43e-04	-1.01e-05	1.84e-05
486	39	-3.25e-03	6.10e-03	-5.68e-03	-1.47e-04	-6.11e-06	9.36e-06
486	71	-3.03e-03	5.80e-03	-5.38e-03	-1.39e-04	-5.80e-06	8.67e-06
487	6	0.06	3.59e-03	-0.01	-3.74e-04	2.38e-04	2.61e-05
487	7	-0.07	-1.64e-03	3.67e-03	4.91e-04	-1.85e-04	-3.07e-05
487	13	0.05	0.02	-0.01	-2.90e-04	2.23e-04	1.61e-05
487	38	0.03	2.22e-03	-0.01	-1.47e-04	1.27e-04	1.12e-05
487	39	-0.03	-2.74e-04	-1.18e-03	2.64e-04	-7.48e-05	-1.58e-05
487	45	0.02	0.01	-9.64e-03	-1.08e-04	1.20e-04	6.53e-06
487	70	0.02	2.12e-03	-9.67e-03	-1.30e-04	1.19e-04	1.00e-05
487	71	-0.03	-1.70e-04	-1.55e-03	2.47e-04	-6.64e-05	-1.47e-05
487	77	0.02	0.01	-9.31e-03	-9.43e-05	1.12e-04	5.79e-06
488	7	-2.59e-03	2.60e-03	-5.17e-03	-1.41e-04	-5.89e-06	1.95e-05
488	39	-1.43e-03	1.60e-03	-3.03e-03	-8.60e-05	-3.58e-06	1.12e-05
488	71	-1.34e-03	1.53e-03	-2.87e-03	-8.18e-05	-3.41e-06	1.05e-05
489	6	0.03	-0.03	-0.02	-3.67e-05	-1.53e-06	-4.78e-05
489	7	-0.04	0.05	0.01	1.19e-04	4.98e-06	8.81e-05
489	38	0.01	-8.23e-03	-0.01	3.99e-06	0.0	-1.22e-05
489	39	-0.02	0.03	4.46e-03	7.87e-05	3.28e-06	5.25e-05
489	70	0.01	-6.67e-03	-0.01	7.13e-06	0.0	-9.50e-06
489	71	-0.02	0.03	3.72e-03	7.56e-05	3.15e-06	4.98e-05
490	6	0.04	-0.02	-0.03	-1.02e-04	2.33e-04	-3.06e-05
490	7	-0.05	0.04	0.01	4.76e-04	-2.01e-04	2.94e-05
490	38	0.02	-7.62e-03	-0.02	4.92e-05	1.20e-04	-1.49e-05
490	39	-0.02	0.02	3.46e-03	3.25e-04	-8.72e-05	1.37e-05
490	70	0.02	-6.35e-03	-0.01	6.08e-05	1.11e-04	-1.37e-05

490	71	-0.02	0.02	2.67e-03	3.13e-04	-7.85e-05	1.25e-05
491	3	-0.02	0.04	0.01	-2.21e-04	-9.23e-06	6.76e-05
491	6	0.02	-0.03	-0.02	1.35e-04	5.61e-06	-4.50e-05
491	7	-0.02	0.04	0.01	-2.22e-04	-9.25e-06	6.73e-05
491	35	-0.01	0.03	4.21e-03	-1.28e-04	-5.34e-06	3.80e-05
491	38	0.01	-7.09e-03	-0.01	4.11e-05	1.71e-06	-1.56e-05
491	39	-0.01	0.03	4.26e-03	-1.28e-04	-5.35e-06	3.78e-05
491	67	-0.01	0.02	3.61e-03	-1.21e-04	-5.05e-06	3.57e-05
491	70	9.11e-03	-5.68e-03	-9.69e-03	3.39e-05	1.41e-06	-1.34e-05
491	71	-0.01	0.02	3.65e-03	-1.21e-04	-5.05e-06	3.56e-05
492	1	0.0	0.0	0.0	0.0	0.0	0.0
492	33	0.0	0.0	0.0	0.0	0.0	0.0
492	65	0.0	0.0	0.0	0.0	0.0	0.0
493	7	-3.05e-03	6.31e-04	-9.41e-04	-8.87e-06	-1.46e-04	8.94e-06
493	39	-2.20e-03	3.29e-04	-6.82e-04	-6.62e-06	-1.04e-04	8.30e-06
493	71	-2.13e-03	3.06e-04	-6.62e-04	-6.45e-06	-1.00e-04	8.25e-06
494	7	-3.24e-03	9.37e-04	-1.50e-03	-1.28e-05	-1.55e-04	-1.05e-05
494	39	-2.52e-03	5.50e-04	-9.54e-04	-9.57e-06	-1.16e-04	-3.95e-06
494	71	-2.47e-03	5.20e-04	-9.12e-04	-9.32e-06	-1.13e-04	-3.44e-06
495	1	0.0	0.0	0.0	0.0	0.0	0.0
495	33	0.0	0.0	0.0	0.0	0.0	0.0
495	65	0.0	0.0	0.0	0.0	0.0	0.0
496	6	5.64e-04	-5.91e-04	-1.32e-04	1.81e-06	3.37e-05	5.87e-06
496	7	-2.59e-03	5.22e-04	-6.76e-04	-9.26e-06	-1.31e-04	4.70e-06
496	38	-2.61e-04	-3.00e-04	-2.75e-04	-1.08e-06	-9.33e-06	5.56e-06
496	39	-1.76e-03	2.31e-04	-5.34e-04	-6.36e-06	-8.78e-05	5.01e-06
496	70	-3.24e-04	-2.78e-04	-2.86e-04	-1.30e-06	-1.26e-05	5.54e-06
496	71	-1.70e-03	2.08e-04	-5.23e-04	-6.14e-06	-8.45e-05	5.03e-06
497	1	0.0	0.0	0.0	0.0	0.0	0.0
497	33	0.0	0.0	0.0	0.0	0.0	0.0
497	65	0.0	0.0	0.0	0.0	0.0	0.0
498	6	7.83e-04	-6.32e-04	-2.35e-04	3.74e-06	4.47e-05	3.51e-06
498	7	-2.30e-03	4.85e-04	-4.55e-04	-8.68e-06	-1.20e-04	1.74e-06
498	38	-2.46e-05	-3.40e-04	-2.93e-04	0.0	1.48e-06	3.05e-06
498	39	-1.50e-03	1.92e-04	-3.97e-04	-5.43e-06	-7.72e-05	2.20e-06
498	70	-8.64e-05	-3.17e-04	-2.97e-04	0.0	-1.83e-06	3.01e-06
498	71	-1.43e-03	1.70e-04	-3.93e-04	-5.18e-06	-7.39e-05	2.24e-06
499	1	0.0	0.0	0.0	0.0	0.0	0.0
499	33	0.0	0.0	0.0	0.0	0.0	0.0
499	65	0.0	0.0	0.0	0.0	0.0	0.0
500	6	8.77e-04	-6.35e-04	-3.08e-04	3.54e-06	5.06e-05	1.25e-06
500	7	-2.19e-03	4.83e-04	-2.69e-04	-8.25e-06	-1.18e-04	-1.43e-06
500	38	7.42e-05	-3.42e-04	-2.97e-04	0.0	6.50e-06	0.0
500	39	-1.39e-03	1.90e-04	-2.79e-04	-5.17e-06	-7.40e-05	0.0
500	70	1.28e-05	-3.20e-04	-2.97e-04	0.0	3.12e-06	0.0
500	71	-1.33e-03	1.68e-04	-2.80e-04	-4.93e-06	-7.06e-05	0.0
501	1	0.0	0.0	0.0	0.0	0.0	0.0
501	33	0.0	0.0	0.0	0.0	0.0	0.0
501	65	0.0	0.0	0.0	0.0	0.0	0.0
502	6	8.57e-04	-6.08e-04	-3.76e-04	2.99e-06	5.11e-05	0.0
502	7	-2.25e-03	4.91e-04	-1.09e-04	-7.76e-06	-1.24e-04	-5.48e-06
502	38	4.31e-05	-3.21e-04	-3.06e-04	0.0	5.16e-06	-1.61e-06
502	39	-1.44e-03	2.03e-04	-1.79e-04	-4.95e-06	-7.85e-05	-4.10e-06
502	70	-1.92e-05	-2.99e-04	-3.00e-04	0.0	1.65e-06	-1.71e-06
502	71	-1.38e-03	1.81e-04	-1.85e-04	-4.74e-06	-7.50e-05	-3.99e-06
503	1	0.0	0.0	0.0	0.0	0.0	0.0
503	33	0.0	0.0	0.0	0.0	0.0	0.0
503	65	0.0	0.0	0.0	0.0	0.0	0.0
504	6	7.27e-04	-5.68e-04	-4.71e-04	3.91e-06	4.64e-05	-2.39e-06
504	7	-2.48e-03	4.97e-04	5.50e-05	-1.10e-05	-1.40e-04	-8.59e-06
504	38	-1.11e-04	-2.90e-04	-3.33e-04	0.0	-2.24e-06	-4.01e-06
504	39	-1.64e-03	2.18e-04	-8.28e-05	-7.11e-06	-9.09e-05	-6.97e-06
504	70	-1.75e-04	-2.68e-04	-3.23e-04	0.0	-5.96e-06	-4.14e-06
504	71	-1.57e-03	1.97e-04	-9.33e-05	-6.81e-06	-8.72e-05	-6.84e-06
505	1	0.0	0.0	0.0	0.0	0.0	0.0
505	33	0.0	0.0	0.0	0.0	0.0	0.0
505	65	0.0	0.0	0.0	0.0	0.0	0.0
506	6	5.47e-04	-5.38e-04	-6.14e-04	5.35e-06	3.68e-05	-2.27e-06
506	7	-2.89e-03	5.06e-04	2.43e-04	-1.40e-05	-1.61e-04	-1.32e-05
506	38	-3.52e-04	-2.65e-04	-3.90e-04	0.0	-1.51e-05	-5.12e-06
506	39	-1.99e-03	2.32e-04	1.82e-05	-8.91e-06	-1.10e-04	-1.03e-05
506	70	-4.20e-04	-2.44e-04	-3.72e-04	0.0	-1.91e-05	-5.34e-06
506	71	-1.92e-03	2.12e-04	1.08e-06	-8.52e-06	-1.06e-04	-1.01e-05
507	6	7.58e-05	-6.78e-04	-1.12e-03	0.0	1.96e-05	-1.09e-05
507	7	-3.00e-03	6.20e-04	6.57e-04	-9.47e-06	-1.75e-04	8.97e-06
507	38	-7.28e-04	-3.38e-04	-6.58e-04	-1.83e-06	-3.13e-05	-5.72e-06
507	39	-2.19e-03	2.80e-04	1.90e-04	-6.77e-06	-1.24e-04	3.77e-06

507	70	-7.90e-04	-3.12e-04	-6.22e-04	-2.04e-06	-3.51e-05	-5.32e-06
507	71	-2.13e-03	2.54e-04	1.55e-04	-6.56e-06	-1.20e-04	3.37e-06
508	7	-0.01	1.77e-03	-1.91e-03	-1.74e-05	-2.49e-04	1.86e-05
508	39	-7.76e-03	9.63e-04	-1.38e-03	-1.21e-05	-1.74e-04	2.07e-05
508	71	-7.52e-03	9.02e-04	-1.34e-03	-1.17e-05	-1.68e-04	2.08e-05
509	7	-0.01	2.18e-03	-2.76e-03	-1.91e-05	-2.73e-04	6.00e-06
509	39	-9.13e-03	1.28e-03	-1.78e-03	-1.39e-05	-1.99e-04	1.35e-05
509	71	-8.91e-03	1.21e-03	-1.71e-03	-1.35e-05	-1.93e-04	1.41e-05
510	7	-9.52e-03	1.51e-03	-1.33e-03	-1.58e-05	-2.28e-04	1.44e-05
510	39	-6.41e-03	7.44e-04	-1.06e-03	-1.08e-05	-1.51e-04	1.54e-05
510	71	-6.17e-03	6.86e-04	-1.04e-03	-1.04e-05	-1.45e-04	1.55e-05
511	6	3.11e-03	-1.46e-03	-4.61e-04	6.95e-06	8.48e-05	1.14e-05
511	7	-8.56e-03	1.39e-03	-8.85e-04	-1.53e-05	-2.13e-04	5.51e-06
511	38	5.93e-05	-7.15e-04	-5.72e-04	1.12e-06	6.85e-06	9.82e-06
511	39	-5.51e-03	6.45e-04	-7.73e-04	-9.50e-06	-1.35e-04	7.04e-06
511	70	-1.74e-04	-6.58e-04	-5.80e-04	0.0	0.0	9.71e-06
511	71	-5.27e-03	5.88e-04	-7.65e-04	-9.06e-06	-1.29e-04	7.16e-06
512	6	3.45e-03	-1.46e-03	-5.96e-04	6.65e-06	9.52e-05	4.19e-06
512	7	-8.17e-03	1.37e-03	-5.11e-04	-1.47e-05	-2.10e-04	-4.40e-06
512	38	4.07e-04	-7.18e-04	-5.73e-04	1.08e-06	1.54e-05	1.94e-06
512	39	-5.13e-03	6.28e-04	-5.33e-04	-9.09e-06	-1.30e-04	-2.16e-06
512	70	1.75e-04	-6.61e-04	-5.72e-04	0.0	9.29e-06	1.77e-06
512	71	-4.90e-03	5.72e-04	-5.35e-04	-8.66e-06	-1.24e-04	-1.99e-06
513	6	3.38e-03	-1.40e-03	-7.28e-04	5.73e-06	9.68e-05	0.0
513	7	-8.38e-03	1.39e-03	-1.97e-04	-1.38e-05	-2.21e-04	-1.68e-05
513	38	3.07e-04	-6.72e-04	-5.89e-04	0.0	1.38e-05	-4.94e-06
513	39	-5.30e-03	6.57e-04	-3.36e-04	-8.72e-06	-1.38e-04	-1.26e-05
513	70	7.19e-05	-6.16e-04	-5.78e-04	0.0	7.39e-06	-5.26e-06
513	71	-5.07e-03	6.01e-04	-3.47e-04	-8.33e-06	-1.31e-04	-1.23e-05
514	6	2.97e-03	-1.33e-03	-9.15e-04	7.02e-06	8.93e-05	-6.39e-06
514	7	-9.14e-03	1.43e-03	1.19e-04	-1.88e-05	-2.45e-04	-2.68e-05
514	38	-1.98e-04	-6.05e-04	-6.44e-04	0.0	1.90e-06	-1.17e-05
514	39	-5.97e-03	7.06e-04	-1.52e-04	-1.21e-05	-1.58e-04	-2.14e-05
514	70	-4.41e-04	-5.50e-04	-6.23e-04	0.0	-4.79e-06	-1.21e-05
514	71	-5.73e-03	6.51e-04	-1.73e-04	-1.16e-05	-1.51e-04	-2.10e-05
515	6	2.25e-03	-1.29e-03	-1.24e-03	5.20e-06	7.35e-05	-1.22e-05
515	7	-0.01	1.51e-03	5.24e-04	-1.95e-05	-2.78e-04	-3.20e-05
515	38	-1.03e-03	-5.59e-04	-7.75e-04	-1.27e-06	-1.84e-05	-1.74e-05
515	39	-7.01e-03	7.75e-04	6.29e-05	-1.31e-05	-1.86e-04	-2.68e-05
515	70	-1.29e-03	-5.03e-04	-7.39e-04	-1.76e-06	-2.54e-05	-1.78e-05
515	71	-6.76e-03	7.19e-04	2.77e-05	-1.26e-05	-1.79e-04	-2.64e-05
516	6	1.01e-03	-1.36e-03	-1.98e-03	3.78e-06	5.42e-05	-2.45e-05
516	7	-0.01	1.64e-03	1.22e-03	-2.15e-05	-3.08e-04	-1.02e-05
516	38	-2.15e-03	-5.76e-04	-1.14e-03	-2.83e-06	-4.05e-05	-2.08e-05
516	39	-7.89e-03	8.56e-04	3.80e-04	-1.49e-05	-2.13e-04	-1.40e-05
516	70	-2.39e-03	-5.16e-04	-1.08e-03	-3.33e-06	-4.78e-05	-2.05e-05
516	71	-7.65e-03	7.96e-04	3.16e-04	-1.44e-05	-2.06e-04	-1.42e-05
517	7	-0.02	3.22e-03	-2.85e-03	-2.21e-05	-3.17e-04	3.50e-05
517	39	-0.02	1.77e-03	-2.07e-03	-1.51e-05	-2.16e-04	3.86e-05
517	71	-0.01	1.66e-03	-2.02e-03	-1.45e-05	-2.08e-04	3.88e-05
518	7	-0.02	3.75e-03	-3.91e-03	-2.43e-05	-3.48e-04	3.02e-05
518	39	-0.02	2.20e-03	-2.59e-03	-1.72e-05	-2.46e-04	3.80e-05
518	71	-0.02	2.08e-03	-2.49e-03	-1.66e-05	-2.38e-04	3.86e-05
519	7	-0.02	2.83e-03	-1.98e-03	-2.02e-05	-2.91e-04	2.65e-05
519	39	-0.01	1.45e-03	-1.57e-03	-1.35e-05	-1.89e-04	2.89e-05
519	71	-0.01	1.35e-03	-1.54e-03	-1.29e-05	-1.81e-04	2.90e-05
520	7	-0.02	2.63e-03	-1.29e-03	-1.98e-05	-2.75e-04	1.07e-05
520	39	-0.01	1.29e-03	-1.13e-03	-1.20e-05	-1.71e-04	1.38e-05
520	71	-0.01	1.19e-03	-1.12e-03	-1.14e-05	-1.63e-04	1.40e-05
521	6	7.55e-03	-2.46e-03	-8.68e-04	9.53e-06	1.37e-04	8.99e-06
521	7	-0.02	2.58e-03	-7.27e-04	-1.90e-05	-2.72e-04	-8.15e-06
521	38	1.15e-03	-1.14e-03	-8.31e-04	2.08e-06	2.98e-05	4.51e-06
521	39	-0.01	1.26e-03	-7.64e-04	-1.15e-05	-1.65e-04	-3.67e-06
521	70	6.58e-04	-1.04e-03	-8.28e-04	1.51e-06	2.16e-05	4.17e-06
521	71	-0.01	1.16e-03	-7.67e-04	-1.10e-05	-1.57e-04	-3.33e-06
522	6	7.45e-03	-2.37e-03	-1.06e-03	8.46e-06	1.40e-04	0.0
522	7	-0.02	2.62e-03	-2.67e-04	-1.80e-05	-2.85e-04	-3.22e-05
522	38	9.72e-04	-1.06e-03	-8.54e-04	1.53e-06	2.86e-05	-8.61e-06
522	39	-0.01	1.31e-03	-4.75e-04	-1.11e-05	-1.74e-04	-2.38e-05
522	70	4.76e-04	-9.63e-04	-8.38e-04	1.00e-06	2.01e-05	-9.25e-06
522	71	-0.01	1.21e-03	-4.91e-04	-1.06e-05	-2.32e-04	-2.32e-05
523	6	6.64e-03	-2.25e-03	-1.35e-03	1.01e-05	1.31e-04	-1.20e-05
523	7	-0.02	2.71e-03	1.94e-04	-2.40e-05	-3.15e-04	-4.99e-05
523	38	-8.36e-06	-9.53e-04	-9.42e-04	1.17e-06	1.44e-05	-2.19e-05
523	39	-0.01	1.41e-03	-2.10e-04	-1.51e-05	-1.98e-04	-4.00e-05
523	70	-5.17e-04	-8.54e-04	-9.11e-04	0.0	5.51e-06	-2.27e-05
523	71	-0.01	1.31e-03	-2.40e-04	-1.44e-05	-1.89e-04	-3.92e-05

524	6	5.19e-03	-2.16e-03	-1.81e-03	8.01e-06	1.13e-04	-2.29e-05
524	7	-0.02	2.84e-03	7.86e-04	-2.50e-05	-3.56e-04	-5.82e-05
524	38	-1.63e-03	-8.53e-04	-1.13e-03	0.0	-9.55e-06	-3.21e-05
524	39	-0.01	1.53e-03	1.04e-04	-1.64e-05	-2.33e-04	-4.89e-05
524	70	-2.15e-03	-7.53e-04	-1.08e-03	-1.30e-06	-1.89e-05	-3.28e-05
524	71	-0.01	1.43e-03	5.25e-05	-1.57e-05	-2.24e-04	-4.82e-05
525	6	3.11e-03	-2.14e-03	-2.68e-03	6.50e-06	9.31e-05	-3.24e-05
525	7	-0.02	3.02e-03	1.69e-03	-2.78e-05	-3.98e-04	-4.68e-05
525	38	-3.65e-03	-7.88e-04	-1.53e-03	-2.47e-06	-3.55e-05	-3.62e-05
525	39	-0.02	1.67e-03	5.48e-04	-1.88e-05	-2.70e-04	-4.30e-05
525	70	-4.16e-03	-6.85e-04	-1.44e-03	-3.16e-06	-4.53e-05	-3.65e-05
525	71	-0.02	1.57e-03	4.61e-04	-1.81e-05	-2.60e-04	-4.27e-05
526	7	-0.04	4.86e-03	-3.74e-03	-2.43e-05	-3.48e-04	5.54e-05
526	39	-0.02	2.68e-03	-2.75e-03	-1.60e-05	-2.30e-04	5.99e-05
526	71	-0.02	2.51e-03	-2.68e-03	-1.54e-05	-2.20e-04	6.02e-05
527	7	-0.04	5.54e-03	-5.01e-03	-2.66e-05	-4.81e-04	5.99e-05
527	39	-0.03	3.24e-03	-3.39e-03	-1.83e-05	-2.62e-04	6.69e-05
527	71	-0.03	3.06e-03	-3.26e-03	-1.76e-05	-2.52e-04	6.75e-05
528	7	-0.03	4.38e-03	-2.59e-03	-2.23e-05	-3.21e-04	4.04e-05
528	39	-0.02	2.28e-03	-2.06e-03	-1.44e-05	-2.02e-04	4.43e-05
528	71	-0.02	2.12e-03	-2.02e-03	-1.38e-05	-1.93e-04	4.46e-05
529	7	-0.03	4.12e-03	-1.65e-03	-2.19e-05	-3.05e-04	1.70e-05
529	39	-0.02	2.08e-03	-1.45e-03	-1.29e-05	-1.83e-04	2.20e-05
529	71	-0.02	1.92e-03	-1.44e-03	-1.22e-05	-1.74e-04	2.24e-05
530	6	0.01	-3.62e-03	-1.12e-03	1.23e-05	1.76e-04	1.56e-05
530	7	-0.03	4.04e-03	-9.09e-04	-2.11e-05	-3.03e-04	-1.14e-05
530	38	2.53e-03	-1.62e-03	-1.06e-03	3.57e-06	5.11e-05	8.57e-06
530	39	-0.02	2.04e-03	-9.64e-04	-1.24e-05	-1.77e-04	-4.36e-06
530	70	1.72e-03	-1.46e-03	-1.06e-03	2.90e-06	4.15e-05	8.03e-06
530	71	-0.02	1.88e-03	-9.69e-04	-1.17e-05	-1.68e-04	-3.82e-06
531	6	0.01	-3.49e-03	-1.37e-03	1.12e-05	1.81e-04	-5.66e-06
531	7	-0.03	4.09e-03	-3.17e-04	-2.02e-05	-3.17e-04	-4.12e-05
531	38	2.29e-03	-1.50e-03	-1.10e-03	3.01e-06	5.11e-05	-1.49e-05
531	39	-0.02	2.11e-03	-5.94e-04	-1.20e-05	-1.87e-04	-3.19e-05
531	70	1.47e-03	-1.35e-03	-1.07e-03	2.38e-06	4.11e-05	-1.56e-05
531	71	-0.02	1.96e-03	-6.15e-04	-1.13e-05	-1.77e-04	-3.12e-05
532	6	0.01	-3.31e-03	-1.75e-03	1.32e-05	1.73e-04	-1.77e-05
532	7	-0.03	4.23e-03	2.67e-04	-2.66e-05	-3.49e-04	-7.51e-05
532	38	7.72e-04	-1.34e-03	-1.22e-03	2.80e-06	3.68e-05	-3.27e-05
532	39	-0.02	2.26e-03	-2.60e-04	-1.62e-05	-2.12e-04	-6.00e-05
532	70	-6.65e-05	-1.19e-03	-1.18e-03	2.00e-06	-2.39e-05	-3.39e-05
532	71	-0.02	2.11e-03	-3.01e-04	-1.54e-05	-2.02e-04	-5.89e-05
533	6	9.48e-03	-3.15e-03	-2.33e-03	1.10e-05	1.55e-04	-3.33e-05
533	7	-0.03	4.42e-03	1.01e-03	-2.79e-05	-3.97e-04	-8.90e-05
533	38	-1.74e-03	-1.16e-03	-1.45e-03	0.0	1.10e-05	-4.79e-05
533	39	-0.02	2.44e-03	1.36e-04	-1.78e-05	-2.52e-04	-7.44e-05
533	70	-2.60e-03	-1.01e-03	-1.39e-03	0.0	0.0	-4.90e-05
533	71	-0.02	2.29e-03	6.89e-05	-1.70e-05	-2.41e-04	-7.33e-05
534	6	6.49e-03	-3.01e-03	-3.27e-03	9.40e-06	1.35e-04	-4.60e-05
534	7	-0.04	4.65e-03	2.10e-03	-3.13e-05	-4.48e-04	-8.38e-05
534	38	-4.80e-03	-1.01e-03	-1.86e-03	-1.25e-06	-1.79e-05	-5.59e-05
534	39	-0.03	2.64e-03	6.91e-04	-2.07e-05	-2.96e-04	-7.38e-05
534	70	-5.67e-03	-8.53e-04	-1.76e-03	-2.07e-06	-2.96e-05	-5.67e-05
534	71	-0.02	2.49e-03	5.84e-04	-1.98e-05	-2.84e-04	-7.31e-05
535	7	-0.05	6.62e-03	-4.60e-03	-2.39e-05	-3.42e-04	7.82e-05
535	39	-0.03	3.61e-03	-3.43e-03	-1.50e-05	-2.15e-04	8.31e-05
535	71	-0.03	3.38e-03	-3.34e-03	-1.43e-05	-2.05e-04	8.35e-05
536	7	-0.06	7.45e-03	-6.09e-03	-2.61e-05	-3.73e-04	9.24e-05
536	39	-0.04	4.30e-03	-4.22e-03	-1.71e-05	-2.45e-04	9.82e-05
536	71	-0.04	4.06e-03	-4.07e-03	-1.64e-05	-2.35e-04	9.86e-05
537	7	-0.04	6.05e-03	-3.15e-03	-2.22e-05	-3.18e-04	5.57e-05
537	39	-0.03	3.15e-03	-2.52e-03	-1.36e-05	-1.89e-04	6.10e-05
537	71	-0.03	2.93e-03	-2.47e-03	-1.29e-05	-1.80e-04	6.14e-05
538	7	-0.04	5.75e-03	-1.96e-03	-2.19e-05	-3.05e-04	2.43e-05
538	39	-0.02	2.93e-03	-1.73e-03	-1.21e-05	-1.73e-04	3.12e-05
538	71	-0.02	2.71e-03	-1.71e-03	-1.14e-05	-1.63e-04	3.18e-05
539	6	0.02	-4.93e-03	-1.34e-03	1.50e-05	2.15e-04	2.42e-05
539	7	-0.04	5.66e-03	-1.05e-03	-2.12e-05	-3.04e-04	-1.32e-05
539	38	4.80e-03	-2.16e-03	-1.26e-03	5.54e-06	7.93e-05	1.44e-05
539	39	-0.02	2.89e-03	-1.13e-03	-1.17e-05	-1.68e-04	-3.42e-06
539	70	3.64e-03	-1.95e-03	-1.26e-03	4.81e-06	6.89e-05	1.37e-05
539	71	-0.02	2.68e-03	-1.13e-03	-1.10e-05	-1.58e-04	-2.67e-06
540	6	0.02	-4.74e-03	-1.65e-03	1.40e-05	2.23e-04	-4.42e-06
540	7	-0.04	5.73e-03	-3.45e-04	-2.03e-05	-3.18e-04	-5.30e-05
540	38	4.53e-03	-2.00e-03	-1.31e-03	5.04e-06	8.16e-05	-1.71e-05
540	39	-0.02	2.99e-03	-6.86e-04	-1.14e-05	-1.76e-04	-4.03e-05
540	70	3.35e-03	-1.79e-03	-1.28e-03	4.35e-06	7.08e-05	-1.81e-05

540	71	-0.02	2.78e-03	-7.12e-04	-1.07e-05	-1.65e-04	-3.93e-05
541	6	0.02	-4.49e-03	-2.11e-03	1.64e-05	2.18e-04	-3.28e-05
541	7	-0.04	5.91e-03	3.33e-04	-2.65e-05	-3.49e-04	-8.90e-05
541	38	2.49e-03	-1.77e-03	-1.47e-03	5.19e-06	6.97e-05	-4.74e-05
541	39	-0.03	3.19e-03	-3.07e-04	-1.53e-05	-2.01e-04	-7.43e-05
541	70	1.28e-03	-1.56e-03	-1.42e-03	4.33e-06	5.83e-05	-4.86e-05
541	71	-0.03	2.98e-03	-3.56e-04	-1.44e-05	-1.89e-04	-7.32e-05
542	6	0.02	-4.24e-03	-2.79e-03	1.42e-05	2.01e-04	-4.30e-05
542	7	-0.05	6.16e-03	1.19e-03	-2.83e-05	-4.01e-04	-1.22e-04
542	38	-9.76e-04	-1.52e-03	-1.74e-03	3.11e-06	4.38e-05	-6.37e-05
542	39	-0.03	3.44e-03	1.50e-04	-1.71e-05	-2.43e-04	-1.01e-04
542	70	-2.22e-03	-1.31e-03	-1.66e-03	2.26e-06	3.17e-05	-6.53e-05
542	71	-0.03	3.23e-03	7.06e-05	-1.63e-05	-2.31e-04	-9.97e-05
543	6	0.01	-3.99e-03	-3.78e-03	1.26e-05	1.80e-04	-5.76e-05
543	7	-0.05	6.44e-03	2.44e-03	-3.21e-05	-4.60e-04	-1.25e-04
543	38	-5.20e-03	-1.26e-03	-2.15e-03	0.0	1.27e-05	-7.54e-05
543	39	-0.04	3.71e-03	8.08e-04	-2.04e-05	-2.92e-04	-1.08e-04
543	70	-6.46e-03	-1.05e-03	-2.03e-03	0.0	0.0	-7.68e-05
543	71	-0.03	3.50e-03	6.84e-04	-1.95e-05	-2.80e-04	-1.06e-04
544	7	-0.06	8.37e-03	-5.43e-03	-2.10e-05	-3.00e-04	1.02e-04
544	39	-0.04	4.50e-03	-4.12e-03	-1.20e-05	-1.72e-04	1.07e-04
544	71	-0.04	4.20e-03	-4.02e-03	-1.13e-05	-1.62e-04	1.07e-04
545	7	-0.07	9.34e-03	-7.21e-03	-2.26e-05	-3.24e-04	1.26e-04
545	39	-0.05	5.31e-03	-5.11e-03	-1.36e-05	-1.95e-04	1.30e-04
545	71	-0.05	5.00e-03	-4.95e-03	-1.29e-05	-1.85e-04	1.30e-04
546	7	-0.05	7.77e-03	-3.62e-03	-1.97e-05	-2.83e-04	7.07e-05
546	39	-0.03	4.02e-03	-2.92e-03	-1.10e-05	-1.53e-04	7.71e-05
546	71	-0.03	3.73e-03	-2.87e-03	-1.03e-05	-1.43e-04	7.76e-05
547	7	-0.05	7.46e-03	-2.19e-03	-1.99e-05	-2.77e-04	3.16e-05
547	39	-0.03	3.81e-03	-1.94e-03	-1.00e-05	-1.43e-04	4.05e-05
547	71	-0.03	3.53e-03	-1.92e-03	-9.28e-06	-1.33e-04	4.12e-05
548	6	0.03	-6.35e-03	-1.53e-03	1.76e-05	2.52e-04	3.44e-05
548	7	-0.05	7.36e-03	-1.14e-03	-1.95e-05	-2.79e-04	-1.27e-05
548	38	8.21e-03	-2.76e-03	-1.42e-03	7.90e-06	1.13e-04	2.21e-05
548	39	-0.03	3.78e-03	-1.24e-03	-9.80e-06	-1.40e-04	0.0
548	70	6.66e-03	-2.49e-03	-1.42e-03	7.16e-06	1.03e-04	2.11e-05
548	71	-0.03	3.50e-03	-1.25e-03	-9.05e-06	-1.30e-04	0.0
549	6	0.03	-6.11e-03	-1.88e-03	1.69e-05	2.64e-04	0.0
549	7	-0.05	7.44e-03	-3.46e-04	-1.88e-05	-2.90e-04	-6.04e-05
549	38	7.98e-03	-2.57e-03	-1.48e-03	7.53e-06	1.19e-04	-1.55e-05
549	39	-0.03	3.89e-03	-7.49e-04	-9.50e-06	-1.46e-04	-4.45e-05
549	70	6.41e-03	-2.30e-03	-1.45e-03	6.82e-06	1.08e-04	-1.67e-05
549	71	-0.03	3.62e-03	-7.80e-04	-8.79e-06	-1.34e-04	-4.33e-05
550	6	0.03	-5.80e-03	-2.42e-03	1.68e-05	2.65e-04	-3.61e-05
550	7	-0.05	7.65e-03	3.86e-04	-2.09e-05	-3.16e-04	-1.07e-04
550	38	5.52e-03	-2.28e-03	-1.69e-03	6.95e-06	1.13e-04	-5.46e-05
550	39	-0.03	4.13e-03	-3.50e-04	-1.11e-05	-1.64e-04	-8.86e-05
550	70	3.92e-03	-2.01e-03	-1.63e-03	6.20e-06	1.02e-04	-5.61e-05
550	71	-0.03	3.87e-03	-4.06e-04	-1.03e-05	-1.53e-04	-8.72e-05
551	6	0.02	-5.44e-03	-3.18e-03	1.78e-05	2.53e-04	-6.55e-05
551	7	-0.06	7.95e-03	1.32e-03	-2.59e-05	-3.67e-04	-1.39e-04
551	38	1.09e-03	-1.94e-03	-2.00e-03	6.41e-06	9.10e-05	-8.47e-05
551	39	-0.04	4.45e-03	1.40e-04	-1.44e-05	-2.05e-04	-1.20e-04
551	70	-5.50e-04	-1.67e-03	-1.91e-03	5.54e-06	7.86e-05	-8.62e-05
551	71	-0.04	4.18e-03	4.97e-05	-1.36e-05	-1.92e-04	-1.19e-04
552	6	0.02	-5.08e-03	-4.22e-03	1.62e-05	2.32e-04	-6.80e-05
552	7	-0.07	8.30e-03	2.71e-03	-3.00e-05	-4.30e-04	-1.68e-04
552	38	-4.39e-03	-1.58e-03	-2.40e-03	4.12e-06	5.90e-05	-9.42e-05
552	39	-0.04	4.80e-03	8.94e-04	-1.80e-05	-2.57e-04	-1.42e-04
552	70	-6.07e-03	-1.31e-03	-2.26e-03	3.19e-06	4.57e-05	-9.62e-05
552	71	-0.04	4.53e-03	7.55e-04	-1.70e-05	-2.44e-04	-1.40e-04
553	7	-0.07	0.01	-6.24e-03	-1.53e-05	-2.19e-04	1.22e-04
553	39	-0.05	5.25e-03	-4.82e-03	-6.73e-06	-9.64e-05	1.28e-04
553	71	-0.04	4.89e-03	-4.71e-03	-6.07e-06	-8.70e-05	1.28e-04
554	7	-0.08	0.01	-8.45e-03	-1.58e-05	-2.27e-04	1.57e-04
554	39	-0.06	6.14e-03	-6.15e-03	-7.38e-06	-1.06e-04	1.60e-04
554	71	-0.05	5.76e-03	-5.98e-03	-6.73e-06	-9.64e-05	1.61e-04
555	7	-0.06	9.49e-03	-3.98e-03	-1.49e-05	-2.19e-04	8.17e-05
555	39	-0.04	4.85e-03	-3.24e-03	-6.50e-06	-9.27e-05	8.94e-05
555	71	-0.04	4.50e-03	-3.18e-03	-5.85e-06	-8.30e-05	9.00e-05
556	7	-0.06	9.21e-03	-2.33e-03	-1.66e-05	-2.27e-04	3.65e-05
556	39	-0.03	4.69e-03	-2.08e-03	-6.94e-06	-9.60e-05	4.74e-05
556	71	-0.03	4.34e-03	-2.06e-03	-6.19e-06	-8.60e-05	4.82e-05
557	6	0.04	-7.85e-03	-1.67e-03	2.00e-05	2.86e-04	4.53e-05
557	7	-0.06	9.08e-03	-1.17e-03	-1.65e-05	-2.36e-04	-1.06e-05
557	38	0.01	-3.42e-03	-1.54e-03	1.04e-05	1.50e-04	3.08e-05
557	39	-0.03	4.65e-03	-1.30e-03	-6.95e-06	-9.96e-05	4.01e-06

557	70	0.01	-3.08e-03	-1.53e-03	9.71e-06	1.39e-04	2.96e-05
557	71	-0.03	4.31e-03	-1.31e-03	-6.22e-06	-8.92e-05	5.13e-06
558	6	0.04	-7.58e-03	-2.07e-03	1.96e-05	3.01e-04	9.84e-06
558	7	-0.06	9.13e-03	-3.19e-04	-1.62e-05	-2.43e-04	-6.07e-05
558	38	0.01	-3.21e-03	-1.61e-03	1.02e-05	1.59e-04	-8.54e-06
558	39	-0.03	4.76e-03	-7.79e-04	-6.83e-06	-1.01e-04	-4.23e-05
558	70	0.01	-2.87e-03	-1.58e-03	9.52e-06	1.48e-04	-9.96e-06
558	71	-0.03	4.43e-03	-8.14e-04	-6.11e-06	-9.01e-05	-4.09e-05
559	6	0.04	-7.22e-03	-2.68e-03	2.06e-05	2.81e-04	-3.20e-05
559	7	-0.06	9.37e-03	4.31e-04	-1.61e-05	-2.21e-04	-1.16e-04
559	38	0.01	-2.88e-03	-1.87e-03	1.10e-05	1.50e-04	-5.38e-05
559	39	-0.04	5.03e-03	-3.85e-04	-6.52e-06	-8.97e-05	-9.37e-05
559	70	8.22e-03	-2.55e-03	-1.80e-03	1.03e-05	1.40e-04	-5.54e-05
559	71	-0.04	4.69e-03	-4.47e-04	-5.79e-06	-7.96e-05	-9.21e-05
560	6	0.03	-6.78e-03	-3.54e-03	1.94e-05	2.76e-04	-7.18e-05
560	7	-0.07	9.72e-03	1.38e-03	-1.78e-05	-2.53e-04	-1.62e-04
560	38	5.00e-03	-2.46e-03	-2.25e-03	9.69e-06	1.38e-04	-9.54e-05
560	39	-0.04	5.40e-03	9.25e-05	-8.13e-06	-1.15e-04	-1.39e-04
560	70	2.95e-03	-2.13e-03	-2.15e-03	8.94e-06	1.28e-04	-9.72e-05
560	71	-0.04	5.07e-03	-5.86e-06	-7.38e-06	-1.05e-04	-1.37e-04
561	6	0.03	-6.30e-03	-4.59e-03	1.77e-05	2.53e-04	-9.49e-05
561	7	-0.08	0.01	2.91e-03	-2.16e-05	-3.09e-04	-1.87e-04
561	38	-1.77e-03	-2.01e-03	-2.62e-03	7.42e-06	1.06e-04	-1.19e-04
561	39	-0.05	5.83e-03	9.47e-04	-1.14e-05	-1.63e-04	-1.63e-04
561	70	-3.87e-03	-1.68e-03	-2.47e-03	6.63e-06	9.50e-05	-1.21e-04
561	71	-0.05	5.50e-03	7.98e-04	-1.06e-05	-1.51e-04	-1.61e-04
562	7	-0.08	0.01	-6.98e-03	-6.54e-06	-9.37e-05	1.35e-04
562	39	-0.05	5.81e-03	-5.48e-03	1.15e-06	1.65e-05	1.41e-04
562	71	-0.05	5.38e-03	-5.36e-03	1.74e-06	2.49e-05	1.42e-04
563	7	-0.09	0.01	-0.01	-4.99e-06	-7.15e-05	1.85e-04
563	39	-0.06	6.57e-03	-7.52e-03	2.45e-06	3.51e-05	1.87e-04
563	71	-0.05	6.11e-03	-7.33e-03	3.02e-06	4.33e-05	1.87e-04
564	7	-0.07	0.01	-4.18e-03	-7.52e-06	-1.28e-04	8.18e-05
564	39	-0.04	5.69e-03	-3.41e-03	0.0	-1.07e-05	9.15e-05
564	71	-0.04	5.26e-03	-3.35e-03	0.0	-1.68e-06	9.22e-05
565	7	-0.07	0.01	-2.37e-03	-1.26e-05	-1.62e-04	3.47e-05
565	39	-0.04	5.57e-03	-2.13e-03	-3.32e-06	-3.78e-05	4.76e-05
565	71	-0.04	5.16e-03	-2.11e-03	-2.61e-06	-2.83e-05	4.86e-05
566	6	0.05	-9.39e-03	-1.78e-03	2.19e-05	3.14e-04	5.50e-05
566	7	-0.07	0.01	-1.14e-03	-1.28e-05	-1.84e-04	-9.18e-06
566	38	0.02	-4.11e-03	-1.61e-03	1.29e-05	1.84e-04	3.83e-05
566	39	-0.04	5.50e-03	-1.31e-03	-3.74e-06	-5.35e-05	7.54e-06
566	70	0.02	-3.71e-03	-1.60e-03	1.22e-05	1.74e-04	3.70e-05
566	71	-0.03	5.10e-03	-1.32e-03	-3.04e-06	-4.35e-05	8.82e-06
567	6	0.05	-9.12e-03	-2.22e-03	2.17e-05	3.04e-04	2.44e-05
567	7	-0.07	0.01	-2.67e-04	-1.30e-05	-1.62e-04	-5.31e-05
567	38	0.02	-3.92e-03	-1.71e-03	1.27e-05	1.82e-04	4.22e-06
567	39	-0.04	5.55e-03	-7.79e-04	-3.88e-06	-4.04e-05	-3.29e-05
567	70	0.02	-3.52e-03	-1.67e-03	1.20e-05	1.73e-04	2.66e-06
567	71	-0.03	5.16e-03	-8.18e-04	-3.19e-06	-3.11e-05	-3.14e-05
568	6	0.05	-8.76e-03	-2.89e-03	2.44e-05	3.32e-04	-1.48e-05
568	7	-0.07	0.01	4.82e-04	-9.71e-06	-1.48e-04	-1.05e-04
568	38	0.02	-3.61e-03	-2.00e-03	1.55e-05	2.07e-04	-3.83e-05
568	39	-0.04	5.79e-03	-4.01e-04	0.0	-2.26e-05	-8.13e-05
568	70	0.01	-3.21e-03	-1.94e-03	1.48e-05	1.97e-04	-4.01e-05
568	71	-0.04	5.40e-03	-4.68e-04	0.0	-1.30e-05	-7.95e-05
569	6	0.04	-8.27e-03	-3.86e-03	2.51e-05	3.59e-04	-6.56e-05
569	7	-0.08	0.01	1.36e-03	-9.83e-06	-1.40e-04	-1.68e-04
569	38	0.01	-3.13e-03	-2.49e-03	1.60e-05	2.29e-04	-9.23e-05
569	39	-0.05	6.22e-03	-1.05e-05	0.0	-1.01e-05	-1.41e-04
569	70	8.98e-03	-2.74e-03	-2.39e-03	1.53e-05	2.19e-04	-9.44e-05
569	71	-0.04	5.83e-03	-1.15e-04	0.0	0.0	-1.39e-04
570	6	0.04	-7.70e-03	-4.88e-03	2.48e-05	3.56e-04	-9.63e-05
570	7	-0.09	0.01	3.06e-03	-1.24e-05	-1.77e-04	-2.13e-04
570	38	3.60e-03	-2.59e-03	-2.80e-03	1.51e-05	2.17e-04	-1.27e-04
570	39	-0.06	6.72e-03	9.77e-04	-2.67e-06	-3.83e-05	-1.82e-04
570	70	1.09e-03	-2.20e-03	-2.64e-03	1.44e-05	2.06e-04	-1.29e-04
570	71	-0.05	6.33e-03	8.18e-04	-1.92e-06	-2.76e-05	-1.80e-04
571	7	-0.08	0.01	-7.26e-03	5.86e-06	8.23e-05	1.29e-04
571	39	-0.04	6.48e-03	-5.73e-03	1.22e-05	1.74e-04	1.39e-04
571	71	-0.04	5.97e-03	-5.61e-03	1.27e-05	1.41e-04	1.40e-04
572	6	0.04	-0.01	-2.65e-03	1.86e-05	4.97e-04	2.23e-04
572	7	-0.09	0.01	-0.01	-1.70e-05	1.89e-04	2.16e-04
572	38	0.01	-7.21e-03	-5.31e-03	9.33e-06	4.16e-04	2.21e-04
572	39	-0.05	5.47e-03	-0.01	-7.72e-06	2.69e-04	2.18e-04
572	70	8.06e-03	-6.67e-03	-5.51e-03	8.61e-06	4.10e-04	2.21e-04
572	71	-0.05	4.94e-03	-9.92e-03	-7.00e-06	2.76e-04	2.18e-04

573	7	-0.07	0.01	-4.18e-03	-2.71e-06	-1.81e-05	6.04e-05
573	39	-0.04	6.61e-03	-3.41e-03	4.98e-06	8.66e-05	7.39e-05
573	71	-0.04	6.12e-03	-3.35e-03	5.57e-06	9.46e-05	7.50e-05
574	7	-0.07	0.01	-2.33e-03	-8.61e-06	-9.01e-05	2.03e-05
574	39	-0.04	6.47e-03	-2.11e-03	0.0	2.40e-05	3.61e-05
574	71	-0.03	5.99e-03	-2.10e-03	0.0	3.28e-05	3.73e-05
575	6	0.06	-0.01	-1.85e-03	2.33e-05	3.34e-04	6.03e-05
575	7	-0.07	0.01	-1.09e-03	-9.27e-06	-1.33e-04	-1.30e-05
575	38	0.03	-4.81e-03	-1.65e-03	1.48e-05	2.12e-04	4.12e-05
575	39	-0.04	6.31e-03	-1.29e-03	0.0	-1.07e-05	6.10e-06
575	70	0.02	-4.34e-03	-1.64e-03	1.42e-05	2.03e-04	3.98e-05
575	71	-0.03	5.85e-03	-1.31e-03	0.0	-1.36e-06	7.57e-06
576	6	0.06	-0.01	-2.33e-03	2.21e-05	3.23e-04	4.06e-05
576	7	-0.07	0.01	-2.04e-04	-8.04e-06	-1.19e-04	-4.17e-05
576	38	0.03	-4.68e-03	-1.77e-03	1.42e-05	2.08e-04	1.92e-05
576	39	-0.04	6.25e-03	-7.61e-04	0.0	-3.72e-06	-2.03e-05
576	70	0.02	-4.22e-03	-1.73e-03	1.36e-05	1.99e-04	1.75e-05
576	71	-0.03	5.79e-03	-8.03e-04	0.0	5.14e-06	-1.86e-05
577	6	0.06	-0.01	-3.04e-03	2.69e-05	3.65e-04	1.57e-05
577	7	-0.08	0.01	5.35e-04	-4.70e-06	-8.68e-05	-7.44e-05
577	38	0.02	-4.47e-03	-2.10e-03	1.87e-05	2.47e-04	-7.73e-06
577	39	-0.04	6.37e-03	-4.03e-04	3.54e-06	3.12e-05	-5.09e-05
577	70	0.02	-4.01e-03	-2.03e-03	1.80e-05	2.38e-04	-9.54e-06
577	71	-0.04	5.91e-03	-4.74e-04	4.17e-06	4.03e-05	-4.91e-05
578	6	0.05	-0.01	-4.22e-03	2.95e-05	4.51e-04	-2.94e-05
578	7	-0.07	0.01	1.20e-03	0.0	2.25e-06	-1.24e-04
578	8	-0.08	0.01	4.49e-04	0.0	-2.10e-05	-1.42e-04
578	38	0.02	-4.08e-03	-2.80e-03	2.18e-05	3.34e-04	-5.39e-05
578	39	-0.04	6.72e-03	-2.20e-04	7.77e-06	1.19e-04	-9.91e-05
578	40	-0.04	5.83e-03	-5.69e-04	8.18e-06	1.08e-04	-1.07e-04
578	70	0.01	-3.63e-03	-2.69e-03	2.12e-05	3.25e-04	-5.58e-05
578	71	-0.04	6.26e-03	-3.28e-04	8.36e-06	1.28e-04	-9.72e-05
578	72	-0.04	5.45e-03	-6.48e-04	8.73e-06	1.18e-04	-1.05e-04
579	6	0.04	-9.29e-03	-5.12e-03	5.80e-05	5.51e-04	-7.17e-05
579	7	-0.08	0.01	3.12e-03	-4.76e-06	9.13e-05	-1.88e-04
579	8	-0.09	0.01	1.97e-03	0.0	6.47e-05	-2.12e-04
579	38	8.58e-03	-3.35e-03	-2.96e-03	4.16e-05	4.31e-04	-1.02e-04
579	39	-0.05	7.46e-03	9.59e-04	1.16e-05	2.11e-04	-1.58e-04
579	40	-0.05	6.58e-03	4.26e-04	1.43e-05	1.99e-04	-1.69e-04
579	70	6.14e-03	-2.90e-03	-2.80e-03	4.03e-05	4.22e-04	-1.04e-04
579	71	-0.05	7.01e-03	7.95e-04	1.29e-05	2.20e-04	-1.56e-04
579	72	-0.05	6.20e-03	3.06e-04	1.53e-05	2.09e-04	-1.66e-04
580	6	0.07	-0.01	-1.23e-03	5.97e-05	5.73e-04	1.33e-04
580	7	-0.07	0.02	-7.19e-03	-1.42e-05	3.03e-04	7.26e-05
580	38	0.03	-6.06e-03	-2.80e-03	4.03e-05	5.03e-04	1.17e-04
580	39	-0.03	7.93e-03	-5.63e-03	5.20e-06	3.73e-04	8.82e-05
580	70	0.03	-5.47e-03	-2.92e-03	3.88e-05	4.97e-04	1.16e-04
580	71	-0.03	7.34e-03	-5.51e-03	6.67e-06	3.79e-04	8.94e-05
581	6	0.07	-0.01	-1.18e-03	5.84e-05	4.44e-04	8.99e-05
581	7	-0.07	0.02	-4.10e-03	-3.35e-06	9.53e-05	2.55e-05
581	38	0.03	-5.89e-03	-1.95e-03	4.22e-05	3.53e-04	7.31e-05
581	39	-0.03	7.60e-03	-3.33e-03	1.28e-05	1.86e-04	4.23e-05
581	70	0.03	-5.32e-03	-2.01e-03	4.10e-05	3.46e-04	7.18e-05
581	71	-0.03	7.04e-03	-3.28e-03	1.41e-05	1.93e-04	4.35e-05
582	7	-0.07	0.01	-2.29e-03	-1.01e-05	-2.34e-05	-1.48e-06
582	39	-0.04	7.35e-03	-2.08e-03	4.32e-06	8.07e-05	1.76e-05
582	71	-0.03	6.81e-03	-2.07e-03	5.42e-06	8.87e-05	1.90e-05
583	6	0.07	-0.01	-1.91e-03	3.64e-05	3.44e-04	5.93e-05
583	7	-0.07	0.01	-1.05e-03	-1.62e-05	-9.14e-05	-2.04e-05
583	38	0.03	-5.52e-03	-1.68e-03	2.27e-05	2.30e-04	3.86e-05
583	39	-0.04	7.07e-03	-1.27e-03	-2.44e-06	2.25e-05	0.0
583	70	0.03	-4.99e-03	-1.67e-03	2.16e-05	2.22e-04	3.70e-05
583	71	-0.03	6.54e-03	-1.29e-03	-1.39e-06	3.12e-05	1.93e-06
584	6	0.07	-0.01	-2.42e-03	3.20e-05	3.24e-04	5.03e-05
584	7	-0.08	0.01	-1.49e-04	-2.22e-05	-9.18e-05	-3.37e-05
584	38	0.03	-5.50e-03	-1.82e-03	1.78e-05	2.16e-04	2.84e-05
584	39	-0.04	6.86e-03	-7.44e-04	-8.05e-06	1.67e-05	-1.18e-05
584	70	0.03	-4.98e-03	-1.78e-03	1.67e-05	2.07e-04	2.67e-05
584	71	-0.03	6.34e-03	-7.89e-04	-6.97e-06	2.51e-05	-1.02e-05
585	6	0.06	-0.01	-3.15e-03	2.90e-05	3.64e-04	4.14e-05
585	7	-0.07	0.01	6.06e-04	-3.09e-05	-5.82e-05	-4.27e-05
585	8	-0.08	0.01	9.03e-05	-2.67e-05	-7.95e-05	-5.85e-05
585	38	0.03	-5.44e-03	-2.16e-03	1.34e-05	2.54e-04	1.95e-05
585	39	-0.03	6.79e-03	-3.77e-04	-1.52e-05	5.20e-05	-2.08e-05
585	40	-0.04	5.77e-03	-6.17e-04	-1.33e-05	4.20e-05	-2.82e-05
585	70	0.03	-4.92e-03	-2.09e-03	1.22e-05	2.45e-04	1.78e-05
585	71	-0.03	6.27e-03	-4.52e-04	-1.40e-05	6.04e-05	-1.91e-05

585	72	-0.04	5.34e-03	-6.72e-04	-1.22e-05	5.13e-05	-2.59e-05
586	6	0.06	-0.01	-4.22e-03	1.44e-05	4.88e-04	2.82e-05
586	7	-0.07	0.01	1.41e-03	-5.54e-05	8.18e-05	-5.05e-05
586	8	-0.08	0.01	6.30e-04	-5.01e-05	6.13e-05	-6.65e-05
586	38	0.03	-5.19e-03	-2.75e-03	-3.84e-06	3.82e-04	7.73e-06
586	39	-0.03	6.98e-03	-6.75e-05	-3.72e-05	1.88e-04	-3.00e-05
586	40	-0.04	5.98e-03	-4.29e-04	-3.47e-05	1.78e-04	-3.75e-05
586	70	0.03	-4.68e-03	-2.63e-03	-5.24e-06	3.74e-04	6.14e-06
586	71	-0.03	6.47e-03	-1.80e-04	-3.58e-05	1.96e-04	-2.84e-05
586	72	-0.04	5.55e-03	-5.11e-04	-3.35e-05	1.87e-04	-3.53e-05
587	1	0.07	0.03	-4.19e-03	-1.52e-04	2.90e-04	1.37e-04
587	7	-0.08	-0.02	-2.12e-03	1.44e-04	-3.22e-04	-1.25e-04
587	18	0.03	2.98e-03	-7.49e-03	1.33e-05	1.34e-04	6.68e-05
587	33	0.03	0.01	-4.10e-03	-7.43e-05	1.38e-04	7.18e-05
587	39	-0.04	-6.29e-03	-3.14e-03	6.65e-05	-1.54e-04	-5.36e-05
587	50	0.01	3.07e-03	-5.64e-03	3.72e-06	6.31e-05	3.80e-05
587	65	0.03	0.01	-4.10e-03	-6.84e-05	1.26e-04	6.68e-05
587	71	-0.03	-5.51e-03	-3.22e-03	6.06e-05	-1.41e-04	-4.81e-05
587	82	0.01	3.06e-03	-5.50e-03	3.08e-06	5.77e-05	3.58e-05
588	1	0.07	0.02	-2.67e-03	-8.39e-05	2.72e-04	1.24e-04
588	7	-0.07	-0.02	-1.30e-03	9.78e-05	-3.08e-04	-1.26e-04
588	18	0.03	4.24e-04	-5.00e-03	-5.29e-05	1.14e-04	5.78e-05
588	33	0.03	0.01	-2.63e-03	-4.04e-05	1.27e-04	6.20e-05
588	39	-0.04	-7.89e-03	-1.99e-03	4.64e-05	-1.50e-04	-5.75e-05
588	50	0.01	7.62e-04	-3.72e-03	-2.52e-05	5.10e-05	3.00e-05
588	65	0.03	0.01	-2.62e-03	-3.71e-05	1.15e-04	5.72e-05
588	71	-0.03	-7.15e-03	-2.04e-03	4.24e-05	-1.38e-04	-5.23e-05
588	82	0.01	7.78e-04	-3.62e-03	-2.31e-05	4.62e-05	2.79e-05
589	4	-0.08	-0.03	-2.56e-03	1.29e-04	-2.38e-04	-1.11e-04
589	7	-0.09	-0.02	-1.27e-03	1.18e-04	-2.66e-04	-1.25e-04
589	18	0.03	-1.47e-03	-5.16e-03	4.19e-05	1.37e-04	6.51e-05
589	36	-0.04	-0.01	-2.60e-03	8.58e-05	-1.06e-04	-4.94e-05
589	39	-0.04	-0.01	-2.00e-03	8.05e-05	-1.20e-04	-5.59e-05
589	50	0.02	-1.16e-03	-3.81e-03	4.39e-05	7.22e-05	3.44e-05
589	68	-0.03	-0.01	-2.60e-03	8.24e-05	-9.64e-05	-4.47e-05
589	71	-0.04	-0.01	-2.06e-03	7.76e-05	-1.08e-04	-5.07e-05
589	82	0.01	-1.14e-03	-3.71e-03	4.41e-05	6.73e-05	3.21e-05
590	1	0.06	0.02	-2.65e-03	-9.22e-05	3.33e-04	1.08e-04
590	7	-0.06	-0.01	-7.15e-04	1.01e-04	-3.64e-04	-1.08e-04
590	18	0.03	8.61e-04	-5.68e-03	-3.94e-05	1.42e-04	4.91e-05
590	33	0.03	0.01	-2.56e-03	-4.39e-05	1.59e-04	5.41e-05
590	39	-0.03	-6.39e-03	-1.67e-03	4.83e-05	-1.74e-04	-4.94e-05
590	50	0.01	1.06e-03	-3.97e-03	-1.86e-05	6.73e-05	2.57e-05
590	65	0.02	9.40e-03	-2.56e-03	-4.02e-05	1.45e-04	4.99e-05
590	71	-0.03	-5.76e-03	-1.74e-03	4.43e-05	-1.60e-04	-4.49e-05
590	82	0.01	1.07e-03	-3.85e-03	-1.70e-05	6.15e-05	2.39e-05
591	1	0.05	0.02	-2.57e-03	-1.49e-04	3.07e-04	1.05e-04
591	7	-0.06	-0.01	-1.27e-03	1.62e-04	-3.20e-04	-1.08e-04
591	18	0.02	5.62e-04	-4.77e-03	-6.48e-05	4.80e-05	4.66e-05
591	33	0.03	9.81e-03	-2.53e-03	-7.15e-05	1.44e-04	5.16e-05
591	39	-0.03	-6.02e-03	-1.93e-03	7.71e-05	-1.55e-04	-5.03e-05
591	50	0.01	9.23e-04	-3.56e-03	-3.10e-05	2.08e-05	2.36e-05
591	65	0.02	9.08e-03	-2.53e-03	-6.56e-05	1.32e-04	4.75e-05
591	71	-0.03	-5.42e-03	-1.98e-03	7.06e-05	-1.43e-04	-4.58e-05
591	82	0.01	9.42e-04	-3.47e-03	-2.84e-05	1.87e-05	2.19e-05
592	1	0.04	0.02	-1.95e-03	-9.26e-05	3.34e-04	7.70e-05
592	7	-0.05	-0.01	-2.07e-04	1.02e-04	-3.68e-04	-8.05e-05
592	18	0.02	1.82e-04	-4.69e-03	-4.12e-05	1.49e-04	3.45e-05
592	33	0.02	7.54e-03	-1.87e-03	-4.41e-05	1.59e-04	3.76e-05
592	39	-0.02	-5.09e-03	-1.06e-03	4.87e-05	-1.76e-04	-3.76e-05
592	50	9.34e-03	4.60e-04	-3.15e-03	-1.95e-05	7.04e-05	1.73e-05
592	65	0.02	6.96e-03	-1.87e-03	-4.04e-05	1.46e-04	3.46e-05
592	71	-0.02	-4.61e-03	-1.13e-03	4.47e-05	-1.61e-04	-3.43e-05
592	82	8.53e-03	4.74e-04	-3.03e-03	-1.78e-05	6.44e-05	1.59e-05
593	1	0.04	0.01	-2.04e-03	-1.58e-04	3.14e-04	7.95e-05
593	7	-0.05	-0.01	-8.57e-04	1.71e-04	-3.23e-04	-8.55e-05
593	18	0.02	1.01e-04	-4.03e-03	-6.65e-05	4.63e-05	3.45e-05
593	33	0.02	7.40e-03	-2.00e-03	-7.55e-05	1.48e-04	3.83e-05
593	39	-0.02	-4.73e-03	-1.45e-03	8.16e-05	-1.56e-04	-4.06e-05
593	50	8.91e-03	4.79e-04	-2.93e-03	-3.17e-05	2.09e-05	1.67e-05
593	65	0.02	6.84e-03	-2.00e-03	-6.92e-05	1.36e-04	3.51e-05
593	71	-0.02	-4.27e-03	-1.50e-03	7.48e-05	-1.43e-04	-3.71e-05
593	82	8.13e-03	5.01e-04	-2.85e-03	-2.90e-05	1.90e-05	1.53e-05
594	1	0.03	0.01	-1.45e-03	-9.50e-05	3.43e-04	4.89e-05
594	7	-0.03	-7.97e-03	6.00e-05	9.64e-05	-3.48e-04	-5.31e-05
594	18	0.01	-2.15e-04	-3.84e-03	-1.40e-05	5.06e-05	2.20e-05
594	33	0.01	5.20e-03	-1.39e-03	-4.53e-05	1.64e-04	2.35e-05

594	39	-0.02	-3.65e-03	-6.85e-04	4.61e-05	-1.66e-04	-2.52e-05
594	50	6.66e-03	1.03e-04	-2.50e-03	-6.72e-06	2.43e-05	1.06e-05
594	65	0.01	4.79e-03	-1.38e-03	-4.15e-05	1.50e-04	2.15e-05
594	71	-0.01	-3.32e-03	-7.40e-04	4.22e-05	-1.53e-04	-2.31e-05
594	82	6.08e-03	1.22e-04	-2.40e-03	-6.14e-06	2.22e-05	9.70e-06
595	1	0.03	0.01	-1.57e-03	-1.50e-04	3.01e-04	5.49e-05
595	7	-0.03	-7.55e-03	-5.43e-04	1.63e-04	-3.07e-04	-6.11e-05
595	18	0.01	-2.08e-04	-3.27e-03	-6.53e-05	4.10e-05	2.36e-05
595	33	0.01	5.16e-03	-1.53e-03	-7.15e-05	1.43e-04	2.59e-05
595	39	-0.02	-3.39e-03	-1.06e-03	7.81e-05	-1.47e-04	-2.95e-05
595	50	6.44e-03	1.62e-04	-2.32e-03	-3.10e-05	1.92e-05	1.09e-05
595	65	0.01	4.76e-03	-1.53e-03	-6.55e-05	1.31e-04	2.37e-05
595	71	-0.01	-3.07e-03	-1.09e-03	7.16e-05	-1.35e-04	-2.71e-05
595	82	5.88e-03	1.85e-04	-2.25e-03	-2.84e-05	1.75e-05	9.94e-06
596	1	0.02	6.48e-03	-1.06e-03	-8.30e-05	3.00e-04	2.38e-05
596	7	-0.02	-4.92e-03	1.89e-04	8.41e-05	-3.04e-04	-2.69e-05
596	18	8.77e-03	-4.43e-04	-3.01e-03	-1.12e-05	4.04e-05	1.10e-05
596	33	8.87e-03	3.15e-03	-1.00e-03	-3.95e-05	1.43e-04	1.12e-05
596	39	-1.00e-02	-2.30e-03	-4.24e-04	4.02e-05	-1.45e-04	-1.30e-05
596	50	4.12e-03	-1.25e-04	-1.91e-03	-5.39e-06	1.95e-05	5.06e-06
596	65	8.12e-03	2.89e-03	-9.97e-04	-3.62e-05	1.31e-04	1.02e-05
596	71	-9.17e-03	-2.09e-03	-4.69e-04	3.68e-05	-1.33e-04	-1.19e-05
596	82	3.76e-03	-1.04e-04	-1.83e-03	-4.93e-06	1.78e-05	4.60e-06
597	1	0.02	6.42e-03	-1.15e-03	-1.30e-04	2.65e-04	3.35e-05
597	7	-0.02	-4.69e-03	-3.28e-04	1.43e-04	-2.69e-04	-3.84e-05
597	18	8.62e-03	-3.72e-04	-2.50e-03	-5.87e-05	3.34e-05	1.44e-05
597	33	8.60e-03	3.17e-03	-1.12e-03	-6.20e-05	1.26e-04	1.56e-05
597	39	-9.74e-03	-2.13e-03	-7.39e-04	6.85e-05	-1.28e-04	-1.87e-05
597	50	4.04e-03	-4.21e-05	-1.75e-03	-2.78e-05	1.60e-05	6.41e-06
597	65	7.87e-03	2.92e-03	-1.12e-03	-5.68e-05	1.16e-04	1.42e-05
597	71	-8.93e-03	-1.94e-03	-7.69e-04	6.27e-05	-1.18e-04	-1.72e-05
597	82	3.69e-03	-2.03e-05	-1.69e-03	-2.54e-05	1.47e-05	5.80e-06
598	4	-8.99e-03	-3.16e-03	-5.54e-04	6.38e-05	-2.30e-04	-4.52e-06
598	7	-9.95e-03	-2.40e-03	2.17e-04	6.44e-05	-2.32e-04	-5.69e-06
598	18	4.20e-03	-5.11e-04	-2.16e-03	-7.92e-06	2.86e-05	3.11e-06
598	36	-4.32e-03	-1.51e-03	-5.96e-04	3.05e-05	-1.10e-04	-2.31e-06
598	39	-4.77e-03	-1.16e-03	-2.38e-04	3.08e-05	-1.11e-04	-2.85e-06
598	50	1.98e-03	-2.36e-04	-1.34e-03	-3.80e-06	1.37e-05	1.29e-06
598	68	-3.96e-03	-1.39e-03	-5.99e-04	2.80e-05	-1.01e-04	-2.14e-06
598	71	-4.37e-03	-1.06e-03	-2.71e-04	2.82e-05	-1.02e-04	-2.64e-06
598	82	1.81e-03	-2.17e-04	-1.28e-03	-3.47e-06	1.25e-05	1.15e-06
599	1	8.82e-03	3.17e-03	-7.58e-04	-9.78e-05	2.05e-04	1.67e-05
599	7	-9.89e-03	-2.30e-03	-1.86e-04	1.08e-04	-2.07e-04	-1.95e-05
599	18	4.23e-03	-3.90e-04	-1.70e-03	-4.51e-05	2.38e-05	7.24e-06
599	33	4.19e-03	1.54e-03	-7.37e-04	-4.66e-05	9.77e-05	7.69e-06
599	39	-4.74e-03	-1.07e-03	-4.72e-04	5.19e-05	-9.90e-05	-9.58e-06
599	50	1.98e-03	-1.37e-04	-1.17e-03	-2.13e-05	1.16e-05	3.15e-06
599	65	3.84e-03	1.42e-03	-7.36e-04	-4.27e-05	8.94e-05	7.00e-06
599	71	-4.35e-03	-9.73e-04	-4.93e-04	4.75e-05	-9.07e-05	-8.82e-06
599	82	1.81e-03	-1.20e-04	-1.14e-03	-1.95e-05	1.06e-05	2.84e-06
600	4	-2.35e-03	-9.92e-04	-2.87e-04	3.34e-05	-1.29e-04	9.18e-06
600	6	2.59e-03	5.38e-04	-8.18e-04	-3.34e-05	1.29e-04	-8.09e-06
600	18	1.09e-03	-4.03e-04	-1.21e-03	-3.65e-06	1.51e-05	0.0
600	36	-1.12e-03	-5.07e-04	-3.12e-04	1.60e-05	-6.18e-05	4.32e-06
600	38	1.24e-03	2.23e-04	-5.58e-04	-1.59e-05	6.14e-05	-3.93e-06
600	50	5.19e-04	-2.21e-04	-7.39e-04	-1.74e-06	7.17e-06	0.0
600	68	-1.03e-03	-4.70e-04	-3.14e-04	1.47e-05	-5.67e-05	3.94e-06
600	70	1.14e-03	1.98e-04	-5.39e-04	-1.45e-05	5.62e-05	-3.61e-06
600	82	4.75e-04	-2.08e-04	-7.04e-04	-1.58e-06	6.53e-06	0.0
601	4	-2.46e-03	-9.19e-04	-3.38e-04	5.49e-05	-1.20e-04	-7.34e-06
601	7	-2.72e-03	-6.45e-04	-9.12e-05	6.07e-05	-1.06e-04	-8.04e-06
601	18	1.16e-03	-2.47e-04	-8.45e-04	-2.55e-05	1.28e-05	3.08e-06
601	36	-1.18e-03	-4.38e-04	-3.49e-04	2.64e-05	-5.73e-05	-3.60e-06
601	39	-1.31e-03	-3.10e-04	-2.34e-04	2.91e-05	-5.10e-05	-3.93e-06
601	50	5.45e-04	-1.13e-04	-5.85e-04	-1.20e-05	6.19e-06	1.37e-06
601	68	-1.08e-03	-4.01e-04	-3.50e-04	2.42e-05	-5.25e-05	-3.32e-06
601	71	-1.20e-03	-2.84e-04	-2.45e-04	2.66e-05	-4.67e-05	-3.62e-06
601	82	4.98e-04	-1.04e-04	-5.65e-04	-1.09e-05	5.66e-06	1.24e-06
602	1	0.0	0.0	0.0	0.0	0.0	0.0
602	33	0.0	0.0	0.0	0.0	0.0	0.0
602	65	0.0	0.0	0.0	0.0	0.0	0.0
603	1	0.06	0.02	-1.71e-03	-7.16e-05	2.59e-04	1.10e-04
603	7	-0.07	-0.02	-7.26e-04	8.23e-05	-2.98e-04	-1.20e-04
603	18	0.03	-7.59e-04	-3.34e-03	-2.99e-05	1.08e-04	4.74e-05
603	33	0.03	0.01	-1.68e-03	-3.31e-05	1.20e-04	5.27e-05
603	39	-0.03	-8.14e-03	-1.22e-03	4.04e-05	-1.46e-04	-5.75e-05
603	50	0.01	-2.00e-04	-2.44e-03	-1.31e-05	4.74e-05	2.25e-05

603	65	0.03	9.45e-03	-1.68e-03	-3.02e-05	1.09e-04	4.82e-05
603	71	-0.03	-7.44e-03	-1.26e-03	3.72e-05	-1.35e-04	-5.27e-05
603	82	0.01	-1.67e-04	-2.37e-03	-1.18e-05	-4.28e-05	2.06e-05
604	4	-0.08	-0.03	-1.59e-03	8.97e-05	-2.55e-04	-1.13e-04
604	7	-0.08	-0.02	-6.77e-04	8.01e-05	-2.79e-04	-1.25e-04
604	18	0.03	-1.64e-03	-3.45e-03	7.39e-06	1.09e-04	5.74e-05
604	36	-0.04	-0.01	-1.63e-03	4.96e-05	-1.25e-04	-5.25e-05
604	39	-0.04	-0.01	-1.20e-03	4.51e-05	-1.36e-04	-5.82e-05
604	50	0.01	-1.09e-03	-2.49e-03	1.02e-05	4.92e-05	2.89e-05
604	68	-0.03	-0.01	-1.63e-03	4.66e-05	-1.14e-04	-4.79e-05
604	71	-0.04	-9.69e-03	-1.24e-03	4.24e-05	-1.25e-04	-5.31e-05
604	82	0.01	-1.06e-03	-2.42e-03	1.04e-05	4.46e-05	2.67e-05
605	1	0.05	0.02	-1.79e-03	-8.21e-05	2.97e-04	9.50e-05
605	7	-0.06	-0.01	-8.71e-04	8.69e-05	-3.14e-04	-1.08e-04
605	18	0.02	-2.64e-04	-3.31e-03	-1.24e-05	4.47e-05	3.90e-05
605	33	0.02	8.94e-03	-1.76e-03	-3.82e-05	1.38e-04	4.42e-05
605	39	-0.03	-6.12e-03	-1.33e-03	4.25e-05	-1.54e-04	-5.27e-05
605	50	0.01	2.72e-04	-2.47e-03	-4.99e-06	1.80e-05	1.74e-05
605	65	0.02	8.24e-03	-1.76e-03	-3.48e-05	1.26e-04	4.03e-05
605	71	-0.03	-5.55e-03	-1.37e-03	3.91e-05	-1.41e-04	-4.85e-05
605	82	9.85e-03	3.05e-04	-2.40e-03	-4.41e-06	1.59e-05	1.57e-05
606	1	0.04	0.01	-1.69e-03	-8.49e-05	3.07e-04	7.42e-05
606	7	-0.04	-0.01	-8.72e-04	8.81e-05	-3.18e-04	-8.81e-05
606	18	0.02	-2.21e-04	-3.06e-03	-1.22e-05	4.40e-05	3.00e-05
606	33	0.02	7.04e-03	-1.66e-03	-3.99e-05	1.44e-04	3.36e-05
606	39	-0.02	-4.54e-03	-1.28e-03	4.27e-05	-1.54e-04	-4.39e-05
606	50	8.63e-03	2.76e-04	-2.30e-03	-5.31e-06	1.92e-05	1.24e-05
606	65	0.02	6.50e-03	-1.66e-03	-3.65e-05	1.32e-04	3.05e-05
606	71	-0.02	-4.11e-03	-1.31e-03	3.92e-05	-1.42e-04	-4.06e-05
606	82	7.88e-03	3.07e-04	-2.25e-03	-4.77e-06	1.72e-05	1.11e-05
607	1	0.03	1.00e-02	-1.43e-03	-8.21e-05	2.97e-04	5.28e-05
607	7	-0.03	-7.14e-03	-7.38e-04	8.39e-05	-3.03e-04	-6.53e-05
607	18	4.08e-03	-3.22e-04	-2.60e-03	-1.11e-05	4.01e-05	2.12e-05
607	33	0.01	5.00e-03	-1.41e-03	-3.90e-05	1.41e-04	2.34e-05
607	39	-0.02	-3.19e-03	-1.09e-03	4.03e-05	-1.45e-04	-3.31e-05
607	50	1.93e-03	1.20e-04	-1.95e-03	-5.18e-06	1.87e-05	8.14e-06
607	65	0.01	4.62e-03	-1.41e-03	-3.57e-05	1.29e-04	2.11e-05
607	71	-0.01	-2.88e-03	-1.11e-03	3.69e-05	-1.33e-04	-3.06e-05
607	82	1.76e-03	1.49e-04	-1.90e-03	-4.71e-06	1.70e-05	7.15e-06
608	1	0.02	6.24e-03	-1.10e-03	-7.29e-05	2.63e-04	3.39e-05
608	7	-0.02	-4.40e-03	-5.64e-04	7.36e-05	-2.66e-04	-4.29e-05
608	18	2.45e-03	-3.84e-04	-2.02e-03	-9.23e-06	3.33e-05	1.36e-05
608	33	9.07e-03	3.11e-03	-1.09e-03	-3.48e-05	1.26e-04	1.47e-05
608	39	-9.23e-03	-1.97e-03	-8.36e-04	3.51e-05	-1.27e-04	-2.19e-05
608	50	1.18e-03	-1.96e-05	-1.51e-03	-4.52e-06	1.63e-05	4.97e-06
608	65	8.31e-03	2.87e-03	-1.08e-03	-3.19e-05	1.15e-04	1.33e-05
608	71	-8.46e-03	-1.78e-03	-8.57e-04	3.22e-05	-1.16e-04	-2.03e-05
608	82	1.08e-03	4.86e-06	-1.48e-03	-4.14e-06	1.50e-05	4.32e-06
609	1	9.26e-03	3.10e-03	-7.49e-04	-5.66e-05	2.05e-04	1.81e-05
609	7	-9.37e-03	-2.13e-03	-3.82e-04	5.01e-05	-1.81e-04	-2.31e-05
609	18	1.17e-03	-3.52e-04	-1.37e-03	-6.65e-06	2.40e-05	7.37e-06
609	33	4.41e-03	1.54e-03	-7.38e-04	-2.71e-05	9.79e-05	7.87e-06
609	39	-4.48e-03	-9.58e-04	-5.68e-04	2.39e-05	-8.63e-05	-1.18e-05
609	50	5.66e-04	-9.01e-05	-1.03e-03	-3.35e-06	1.21e-05	2.69e-06
609	65	4.04e-03	1.42e-03	-7.37e-04	-2.48e-05	8.97e-05	7.08e-06
609	71	-4.10e-03	-8.68e-04	-5.82e-04	2.19e-05	-7.90e-05	-1.10e-05
609	82	5.18e-04	-7.21e-05	-1.00e-03	-3.08e-06	1.11e-05	2.34e-06
610	1	2.26e-03	9.09e-04	-3.81e-04	-3.26e-05	1.18e-04	6.09e-06
610	7	-2.53e-03	-5.66e-04	-1.95e-04	2.87e-05	-1.04e-04	-7.64e-06
610	18	1.09e-03	-2.18e-04	-6.98e-04	-3.51e-06	1.27e-05	2.53e-06
610	33	1.07e-03	4.51e-04	-3.76e-04	-1.56e-05	5.63e-05	2.67e-06
610	39	-1.21e-03	-2.52e-04	-2.89e-04	1.37e-05	-4.94e-05	-3.88e-06
610	50	5.14e-04	-7.93e-05	-5.23e-04	-1.78e-06	6.41e-06	0.0
610	65	9.84e-04	4.16e-04	-3.75e-04	-1.43e-05	5.16e-05	2.41e-06
610	71	-1.11e-03	-2.28e-04	-2.96e-04	1.25e-05	-4.52e-05	-3.60e-06
610	82	4.71e-04	-6.95e-05	-5.10e-04	-1.63e-06	5.90e-06	0.0
611	1	0.0	0.0	0.0	0.0	0.0	0.0
611	33	0.0	0.0	0.0	0.0	0.0	0.0
611	65	0.0	0.0	0.0	0.0	0.0	0.0
612	4	-0.06	-0.02	-1.23e-03	4.90e-05	-2.73e-04	-1.09e-04
612	7	-0.07	-0.02	-6.37e-04	4.42e-05	-2.95e-04	-1.17e-04
612	18	0.03	-1.33e-03	-2.47e-03	2.38e-06	1.01e-04	3.97e-05
612	36	-0.03	-9.69e-03	-1.27e-03	2.67e-05	-1.37e-04	-5.42e-05
612	39	-0.03	-7.84e-03	-9.92e-04	2.44e-05	-1.47e-04	-5.84e-05
612	50	0.01	-5.76e-04	-1.85e-03	4.37e-06	4.19e-05	1.66e-05
612	68	-0.03	-8.88e-03	-1.27e-03	2.50e-05	-1.26e-04	-5.00e-05
612	71	-0.03	-7.19e-03	-1.02e-03	2.29e-05	-1.36e-04	-5.39e-05

612	82	0.01	-5.29e-04	-1.80e-03	4.54e-06	3.73e-05	1.48e-05
613	4	-0.07	-0.02	-1.28e-03	7.76e-05	-2.51e-04	-1.13e-04
613	7	-0.08	-0.02	-6.43e-04	6.88e-05	-2.73e-04	-1.23e-04
613	18	0.03	-1.83e-03	-2.60e-03	1.31e-06	9.45e-05	5.12e-05
613	36	-0.04	-0.01	-1.31e-03	4.06e-05	-1.26e-04	-5.35e-05
613	39	-0.04	-9.65e-03	-1.02e-03	3.65e-05	-1.36e-04	-5.85e-05
613	50	0.01	-1.04e-03	-1.93e-03	4.03e-06	3.88e-05	2.47e-05
613	68	-0.03	-0.01	-1.32e-03	3.77e-05	-1.16e-04	-4.89e-05
613	71	-0.04	-8.89e-03	-1.04e-03	3.40e-05	-1.26e-04	-5.35e-05
613	82	0.01	-9.96e-04	-1.88e-03	4.27e-06	3.46e-05	2.27e-05
614	1	0.05	0.02	-1.42e-03	-3.72e-05	2.85e-04	8.07e-05
614	7	-0.05	-0.01	-7.23e-04	3.82e-05	-3.07e-04	-1.05e-04
614	18	7.67e-03	-8.74e-04	-2.40e-03	4.08e-06	4.06e-05	2.95e-05
614	33	0.03	8.25e-03	-1.37e-03	-1.57e-05	1.31e-04	3.41e-05
614	39	-0.03	-6.04e-03	-1.05e-03	2.04e-05	-1.52e-04	-5.47e-05
614	50	3.59e-03	-1.79e-04	-1.83e-03	3.89e-06	1.48e-05	9.59e-06
614	65	0.02	7.59e-03	-1.37e-03	-1.40e-05	1.20e-04	3.05e-05
614	71	-0.02	-5.50e-03	-1.08e-03	1.90e-05	-1.40e-04	-5.09e-05
614	82	3.27e-03	-1.35e-04	-1.79e-03	3.89e-06	1.28e-05	8.06e-06
615	1	0.04	0.01	-1.40e-03	-3.43e-05	2.96e-04	6.24e-05
615	6	0.04	0.01	-1.87e-03	-2.85e-05	3.00e-04	6.89e-05
615	18	5.80e-03	-6.18e-04	-2.28e-03	0.0	4.15e-05	2.18e-05
615	33	0.02	6.59e-03	-1.36e-03	-1.56e-05	1.39e-04	2.47e-05
615	38	0.02	5.35e-03	-1.58e-03	-1.30e-05	1.40e-04	2.78e-05
615	50	2.85e-03	-2.94e-06	-1.77e-03	1.02e-06	1.75e-05	5.26e-06
615	65	0.02	6.07e-03	-1.36e-03	-1.42e-05	1.27e-04	2.18e-05
615	70	0.02	4.94e-03	-1.56e-03	-1.18e-05	1.28e-04	2.46e-05
615	82	2.62e-03	3.71e-05	-1.73e-03	1.04e-06	1.57e-05	3.99e-06
616	1	0.03	9.56e-03	-1.26e-03	-3.12e-05	2.90e-04	4.43e-05
616	6	0.03	7.60e-03	-1.66e-03	-2.60e-05	2.93e-04	4.94e-05
616	18	4.03e-03	-5.19e-04	-2.00e-03	0.0	3.94e-05	1.52e-05
616	33	0.01	4.76e-03	-1.24e-03	-1.53e-05	1.38e-04	1.67e-05
616	38	0.01	3.85e-03	-1.42e-03	-1.28e-05	1.39e-04	1.90e-05
616	50	2.07e-03	0.0	-1.58e-03	0.0	1.87e-05	2.63e-06
616	65	0.01	4.40e-03	-1.23e-03	-1.40e-05	1.26e-04	1.45e-05
616	70	0.01	3.56e-03	-1.40e-03	-1.18e-05	1.28e-04	1.67e-05
616	82	1.91e-03	3.53e-05	-1.55e-03	0.0	1.71e-05	1.67e-06
617	1	0.02	6.01e-03	-1.02e-03	-2.67e-05	2.60e-04	2.81e-05
617	6	0.02	4.70e-03	-1.33e-03	-2.20e-05	2.62e-04	3.16e-05
617	18	2.44e-03	-4.65e-04	-1.60e-03	0.0	3.38e-05	9.59e-06
617	33	8.83e-03	3.00e-03	-1.01e-03	-1.37e-05	1.25e-04	1.02e-05
617	38	8.91e-03	2.39e-03	-1.15e-03	-1.16e-05	1.26e-04	1.18e-05
617	50	1.29e-03	-5.55e-05	-1.28e-03	-1.56e-06	1.74e-05	1.28e-06
617	65	8.10e-03	2.77e-03	-1.01e-03	-1.27e-05	1.15e-04	8.82e-06
617	70	8.18e-03	2.21e-03	-1.14e-03	-1.08e-05	1.16e-04	1.03e-05
617	82	1.20e-03	-2.76e-05	-1.25e-03	-1.60e-06	1.61e-05	0.0
618	1	8.86e-03	3.00e-03	-7.20e-04	-1.90e-05	2.02e-04	1.44e-05
618	6	8.93e-03	2.27e-03	-9.31e-04	-1.54e-05	1.80e-04	1.62e-05
618	18	1.16e-03	-3.80e-04	-1.12e-03	0.0	2.48e-05	4.97e-06
618	33	4.28e-03	1.50e-03	-7.11e-04	-1.01e-05	9.78e-05	5.14e-06
618	38	4.31e-03	1.16e-03	-8.09e-04	-8.43e-06	8.73e-05	6.00e-06
618	50	6.20e-04	-9.44e-05	-8.97e-04	-1.38e-06	1.34e-05	0.0
618	65	3.93e-03	1.39e-03	-7.10e-04	-9.45e-06	8.98e-05	4.43e-06
618	70	3.96e-03	1.08e-03	-8.00e-04	-7.90e-06	8.02e-05	5.22e-06
618	82	5.77e-04	-7.45e-05	-8.80e-04	-1.44e-06	1.24e-05	0.0
619	1	2.14e-03	8.98e-04	-3.76e-04	-9.73e-06	1.16e-04	4.48e-06
619	6	2.38e-03	6.21e-04	-4.84e-04	-7.61e-06	1.02e-04	5.06e-06
619	18	1.07e-03	-2.27e-04	-5.80e-04	0.0	1.30e-05	1.61e-06
619	33	1.03e-03	4.51e-04	-3.72e-04	-5.26e-06	5.59e-05	1.62e-06
619	38	1.15e-03	3.22e-04	-4.22e-04	-4.28e-06	4.96e-05	1.90e-06
619	50	5.16e-04	-7.81e-05	-4.67e-04	0.0	7.14e-06	0.0
619	65	9.48e-04	4.17e-04	-3.72e-04	-4.92e-06	5.13e-05	1.40e-06
619	70	1.05e-03	2.99e-04	-4.18e-04	-4.03e-06	4.56e-05	1.65e-06
619	82	4.75e-04	-6.74e-05	-4.59e-04	0.0	6.66e-06	0.0
620	1	0.0	0.0	0.0	0.0	0.0	0.0
620	33	0.0	0.0	0.0	0.0	0.0	0.0
620	65	0.0	0.0	0.0	0.0	0.0	0.0
621	4	-0.06	-0.02	-1.14e-03	1.03e-04	-2.49e-04	-1.09e-04
621	7	-0.06	-0.02	-7.75e-04	1.04e-04	-2.70e-04	-1.17e-04
621	18	0.03	-1.64e-03	-1.97e-03	-1.50e-05	7.87e-05	2.98e-05
621	36	-0.03	-9.19e-03	-1.19e-03	5.00e-05	-1.30e-04	-5.79e-05
621	39	-0.03	-7.34e-03	-1.02e-03	5.06e-05	-1.40e-04	-6.18e-05
621	50	0.01	-7.09e-04	-1.58e-03	-6.38e-06	2.59e-05	8.20e-06
621	68	-0.03	-8.42e-03	-1.19e-03	4.59e-05	-1.21e-04	-5.40e-05
621	71	-0.03	-6.72e-03	-1.04e-03	4.65e-05	-1.30e-04	-5.76e-05
621	82	0.01	-6.48e-04	-1.55e-03	-5.70e-06	2.18e-05	6.55e-06
622	4	-0.07	-0.02	-1.21e-03	7.21e-05	-2.45e-04	-1.12e-04

622	7	-0.08	-0.02	-8.04e-04	6.37e-05	-2.65e-04	-1.22e-04
622	18	0.03	-2.05e-03	-2.10e-03	3.43e-06	7.72e-05	4.46e-05
622	36	-0.03	-0.01	-1.25e-03	3.84e-05	-1.28e-04	-5.50e-05
622	39	-0.04	-8.85e-03	-1.06e-03	3.44e-05	-1.38e-04	-5.96e-05
622	50	0.01	-1.03e-03	-1.66e-03	5.46e-06	2.55e-05	1.98e-05
622	68	-0.03	-0.01	-1.25e-03	3.58e-05	-1.19e-04	-5.06e-05
622	71	-0.03	-8.13e-03	-1.08e-03	3.22e-05	-1.28e-04	-5.48e-05
622	82	0.01	-9.68e-04	-1.63e-03	5.64e-06	2.16e-05	1.79e-05
623	1	0.05	0.02	-1.33e-03	-1.02e-04	2.41e-04	6.40e-05
623	6	0.05	0.01	-1.66e-03	-1.11e-04	2.43e-04	7.12e-05
623	18	7.70e-03	-1.22e-03	-1.89e-03	-4.27e-05	2.58e-05	1.79e-05
623	33	0.02	7.82e-03	-1.28e-03	-4.76e-05	1.07e-04	2.16e-05
623	38	0.03	6.26e-03	-1.43e-03	-5.18e-05	1.09e-04	2.50e-05
623	50	3.90e-03	-3.81e-04	-1.54e-03	-1.92e-05	5.13e-06	0.0
623	65	0.02	7.18e-03	-1.28e-03	-4.34e-05	9.72e-05	1.83e-05
623	70	0.02	5.76e-03	-1.42e-03	-4.73e-05	9.84e-05	2.15e-05
623	82	3.60e-03	-3.26e-04	-1.51e-03	-1.74e-05	3.51e-06	-1.90e-06
624	1	0.04	0.01	-1.31e-03	-1.05e-04	2.53e-04	4.63e-05
624	6	0.04	0.01	-1.58e-03	-1.14e-04	2.56e-04	5.25e-05
624	18	6.07e-03	-8.86e-04	-1.78e-03	-4.48e-05	3.20e-05	1.08e-05
624	33	0.02	6.26e-03	-1.26e-03	-4.90e-05	1.18e-04	1.26e-05
624	38	0.02	5.02e-03	-1.39e-03	-5.36e-05	1.20e-04	1.55e-05
624	50	3.33e-03	-1.66e-04	-1.48e-03	-2.03e-05	1.29e-05	-4.55e-06
624	65	0.02	5.77e-03	-1.26e-03	-4.47e-05	1.08e-04	9.95e-06
624	70	0.02	4.63e-03	-1.38e-03	-4.89e-05	1.09e-04	1.26e-05
624	82	3.11e-03	-1.18e-04	-1.46e-03	-1.84e-05	1.14e-05	-5.71e-06
625	1	0.03	9.18e-03	-1.20e-03	-1.12e-04	2.50e-04	3.16e-05
625	6	0.03	7.21e-03	-1.42e-03	-1.13e-04	2.53e-04	3.65e-05
625	18	4.35e-03	-6.79e-04	-1.59e-03	-1.60e-05	3.42e-05	6.37e-06
625	33	0.01	4.57e-03	-1.16e-03	-5.27e-05	1.21e-04	6.86e-06
625	38	0.01	3.65e-03	-1.27e-03	-5.33e-05	1.22e-04	9.16e-06
625	50	2.53e-03	-8.79e-05	-1.35e-03	-7.05e-06	1.80e-05	-5.29e-06
625	65	0.01	4.22e-03	-1.16e-03	-4.82e-05	1.11e-04	4.96e-06
625	70	0.01	3.37e-03	-1.26e-03	-4.87e-05	1.12e-04	7.07e-06
625	82	2.38e-03	-4.79e-05	-1.33e-03	-6.35e-06	1.67e-05	-6.18e-06
626	1	0.02	5.80e-03	-9.91e-04	-1.02e-04	2.26e-04	1.93e-05
626	6	0.02	4.48e-03	-1.17e-03	-1.03e-04	2.01e-04	2.26e-05
626	18	2.69e-03	-5.48e-04	-1.30e-03	-1.33e-05	3.15e-05	3.58e-06
626	33	8.84e-03	2.90e-03	-9.70e-04	-4.82e-05	1.11e-04	3.43e-06
626	38	8.91e-03	2.29e-03	-1.05e-03	-4.87e-05	9.98e-05	5.00e-06
626	50	1.63e-03	-9.40e-05	-1.11e-03	-6.04e-06	1.90e-05	-4.14e-06
626	65	8.15e-03	2.68e-03	-9.68e-04	-4.41e-05	1.02e-04	2.21e-06
626	70	8.22e-03	2.12e-03	-1.04e-03	-4.46e-05	9.20e-05	3.65e-06
626	82	1.55e-03	-6.28e-05	-1.10e-03	-5.46e-06	1.79e-05	-4.73e-06
627	1	8.65e-03	2.92e-03	-7.11e-04	-8.04e-05	1.76e-04	9.42e-06
627	6	8.72e-03	2.18e-03	-8.29e-04	-8.12e-05	1.56e-04	1.12e-05
627	18	1.30e-03	-4.24e-04	-9.24e-04	-9.52e-06	2.40e-05	1.71e-06
627	33	4.30e-03	1.46e-03	-7.00e-04	-3.81e-05	8.76e-05	1.43e-06
627	38	4.33e-03	1.12e-03	-7.55e-04	-3.85e-05	7.83e-05	2.27e-06
627	50	8.05e-04	-1.15e-04	-7.99e-04	-4.39e-06	1.56e-05	-2.30e-06
627	65	3.96e-03	1.35e-03	-6.99e-04	-3.49e-05	8.09e-05	0.0
627	70	3.99e-03	1.03e-03	-7.49e-04	-3.52e-05	7.24e-05	1.58e-06
627	82	7.65e-04	-9.31e-05	-7.90e-04	-3.98e-06	1.49e-05	-2.60e-06
628	1	2.09e-03	8.79e-04	-3.78e-04	-4.66e-05	9.98e-05	2.90e-06
628	6	2.32e-03	5.95e-04	-4.38e-04	-4.70e-05	8.80e-05	3.47e-06
628	18	1.08e-03	-2.53e-04	-4.88e-04	-4.96e-06	1.28e-05	0.0
628	33	1.04e-03	4.38e-04	-3.73e-04	-2.21e-05	4.99e-05	0.0
628	38	1.15e-03	3.06e-04	-4.01e-04	-2.22e-05	4.44e-05	0.0
628	50	5.60e-04	-9.43e-05	-4.25e-04	-2.28e-06	8.69e-06	0.0
628	65	9.63e-04	4.04e-04	-3.73e-04	-2.02e-05	4.61e-05	0.0
628	70	1.07e-03	2.83e-04	-3.99e-04	-2.04e-05	4.11e-05	0.0
628	82	5.21e-04	-8.29e-05	-4.20e-04	-2.06e-06	8.35e-06	0.0
629	1	0.0	0.0	0.0	0.0	0.0	0.0
629	33	0.0	0.0	0.0	0.0	0.0	0.0
629	65	0.0	0.0	0.0	0.0	0.0	0.0
630	1	0.06	0.02	-1.47e-03	-1.38e-05	1.94e-04	6.89e-05
630	6	0.06	0.01	-1.63e-03	-1.36e-05	2.15e-04	7.67e-05
630	18	9.03e-03	-1.81e-03	-1.69e-03	1.61e-05	6.90e-05	1.70e-05
630	33	0.03	8.91e-03	-1.41e-03	2.29e-06	7.66e-05	2.17e-05
630	38	0.03	7.05e-03	-1.48e-03	2.33e-06	8.63e-05	2.53e-05
630	50	4.41e-03	-7.01e-04	-1.51e-03	1.63e-05	1.63e-05	-3.21e-06
630	65	0.03	8.18e-03	-1.41e-03	3.51e-06	6.75e-05	1.80e-05
630	70	0.03	6.47e-03	-1.47e-03	3.55e-06	7.64e-05	2.14e-05
630	82	4.04e-03	-6.27e-04	-1.50e-03	1.64e-05	1.23e-05	-4.76e-06
631	4	-0.07	-0.02	-1.31e-03	7.01e-05	-2.45e-04	-1.13e-04
631	7	-0.07	-0.02	-1.12e-03	6.17e-05	-2.63e-04	-1.22e-04
631	18	0.03	-2.30e-03	-1.79e-03	1.08e-05	5.06e-05	3.67e-05

631	36	-0.03	-0.01	-1.35e-03	4.00e-05	-1.38e-04	-5.81e-05
631	39	-0.04	-8.07e-03	-1.26e-03	3.61e-05	-1.47e-04	-6.24e-05
631	50	0.01	-1.05e-03	-1.58e-03	1.16e-05	2.90e-06	1.33e-05
631	68	-0.03	-9.36e-03	-1.36e-03	3.77e-05	-1.30e-04	-5.39e-05
631	71	-0.03	-7.40e-03	-1.27e-03	3.41e-05	-1.38e-04	-5.78e-05
631	82	0.01	-9.61e-04	-1.56e-03	1.17e-05	0.0	1.15e-05
632	1	0.05	0.02	-1.46e-03	-2.49e-05	2.38e-04	4.42e-05
632	6	0.05	0.01	-1.58e-03	-1.92e-05	2.41e-04	5.10e-05
632	18	8.25e-03	-1.35e-03	-1.62e-03	7.81e-06	2.24e-05	3.14e-06
632	33	0.02	7.61e-03	-1.40e-03	-8.03e-06	1.04e-04	5.81e-06
632	38	0.02	6.05e-03	-1.45e-03	-5.42e-06	1.05e-04	9.01e-06
632	50	4.68e-03	-3.80e-04	-1.47e-03	7.40e-06	1.14e-06	-1.39e-05
632	65	0.02	7.00e-03	-1.39e-03	-6.75e-06	9.37e-05	2.86e-06
632	70	0.02	5.57e-03	-1.44e-03	-4.36e-06	9.50e-05	5.80e-06
632	82	4.40e-03	-3.15e-04	-1.46e-03	7.39e-06	0.0	-1.52e-05
633	1	0.04	0.01	-1.40e-03	-3.28e-05	2.57e-04	2.78e-05
633	6	0.04	9.66e-03	-1.50e-03	-2.79e-05	2.60e-04	3.37e-05
633	18	6.88e-03	-9.68e-04	-1.52e-03	-1.16e-06	3.34e-05	-3.08e-06
633	33	0.02	6.13e-03	-1.35e-03	-1.57e-05	1.20e-04	-2.29e-06
633	38	0.02	4.88e-03	-1.39e-03	-1.34e-05	1.21e-04	0.0
633	50	4.30e-03	-1.56e-04	-1.40e-03	0.0	1.36e-05	-1.71e-05
633	65	0.02	5.65e-03	-1.34e-03	-1.43e-05	1.10e-04	-4.60e-06
633	70	0.02	4.51e-03	-1.38e-03	-1.22e-05	1.11e-04	-2.06e-06
633	82	4.10e-03	-1.01e-04	-1.39e-03	0.0	1.21e-05	-1.82e-05
634	1	0.03	8.95e-03	-1.27e-03	-3.53e-05	2.59e-04	1.66e-05
634	6	0.03	6.97e-03	-1.34e-03	-3.08e-05	2.61e-04	2.13e-05
634	18	5.12e-03	-7.17e-04	-1.35e-03	-6.28e-06	3.88e-05	-4.67e-06
634	33	0.01	4.50e-03	-1.22e-03	-1.94e-05	1.27e-04	-5.11e-06
634	38	0.01	3.58e-03	-1.26e-03	-1.74e-05	1.28e-04	-2.90e-06
634	50	3.42e-03	-6.38e-05	-1.26e-03	-5.72e-06	2.19e-05	-1.54e-05
634	65	0.01	4.16e-03	-1.22e-03	-1.82e-05	1.16e-04	-6.77e-06
634	70	0.01	3.32e-03	-1.25e-03	-1.63e-05	1.17e-04	-4.75e-06
634	82	3.28e-03	-1.91e-05	-1.26e-03	-5.67e-06	2.05e-05	-1.62e-05
635	1	0.02	5.69e-03	-1.04e-03	-3.30e-05	2.36e-04	8.98e-06
635	6	0.02	4.36e-03	-1.10e-03	-2.90e-05	2.12e-04	1.23e-05
635	18	3.26e-03	-5.62e-04	-1.11e-03	-7.90e-06	3.75e-05	-3.89e-06
635	33	9.20e-03	2.88e-03	-1.02e-03	-1.96e-05	1.19e-04	-4.75e-06
635	38	9.26e-03	2.26e-03	-1.04e-03	-1.78e-05	1.07e-04	-3.23e-06
635	50	2.27e-03	-7.08e-05	-1.05e-03	-7.78e-06	2.44e-05	-1.10e-05
635	65	8.53e-03	2.66e-03	-1.01e-03	-1.86e-05	1.10e-04	-5.81e-06
635	70	8.60e-03	2.10e-03	-1.04e-03	-1.69e-05	9.92e-05	-4.41e-06
635	82	2.19e-03	-3.68e-05	-1.04e-03	-7.75e-06	2.33e-05	-1.15e-05
636	1	8.67e-03	2.87e-03	-7.48e-04	-2.64e-05	1.86e-04	3.88e-06
636	6	8.73e-03	2.13e-03	-7.84e-04	-2.31e-05	1.65e-04	5.64e-06
636	18	1.61e-03	-4.38e-04	-7.95e-04	-6.86e-06	2.96e-05	-2.25e-06
636	33	4.50e-03	1.45e-03	-7.33e-04	-1.63e-05	9.49e-05	-2.95e-06
636	38	4.53e-03	1.10e-03	-7.49e-04	-1.48e-05	8.54e-05	-2.14e-06
636	50	1.15e-03	-1.10e-04	-7.54e-04	-7.17e-06	2.08e-05	-5.94e-06
636	65	4.18e-03	1.34e-03	-7.32e-04	-1.56e-05	8.80e-05	-3.48e-06
636	70	4.21e-03	1.02e-03	-7.47e-04	-1.42e-05	7.93e-05	-2.73e-06
636	82	1.11e-03	-8.74e-05	-7.51e-04	-7.18e-06	2.00e-05	-6.21e-06
637	1	2.32e-03	8.63e-04	-3.98e-04	-1.51e-05	1.06e-04	1.09e-06
637	6	2.34e-03	5.75e-04	-4.15e-04	-1.31e-05	9.42e-05	1.65e-06
637	18	4.52e-04	-2.73e-04	-4.22e-04	-3.95e-06	1.63e-05	0.0
637	33	1.21e-03	4.25e-04	-3.92e-04	-9.56e-06	5.47e-05	0.0
637	38	1.22e-03	2.91e-04	-3.99e-04	-8.64e-06	4.90e-05	0.0
637	50	3.26e-04	-1.08e-04	-4.03e-04	-4.33e-06	1.20e-05	-1.81e-06
637	65	1.13e-03	3.92e-04	-3.91e-04	-9.14e-06	5.07e-05	-1.11e-06
637	70	1.13e-03	2.69e-04	-3.98e-04	-8.29e-06	4.55e-05	0.0
637	82	3.15e-04	-9.66e-05	-4.01e-04	-4.36e-06	1.16e-05	-1.89e-06
638	1	0.0	0.0	0.0	0.0	0.0	0.0
638	33	0.0	0.0	0.0	0.0	0.0	0.0
638	65	0.0	0.0	0.0	0.0	0.0	0.0
639	1	0.06	0.02	-1.56e-03	-5.01e-05	1.42e-04	4.86e-05
639	6	0.06	0.01	-1.47e-03	-5.62e-05	1.61e-04	5.60e-05
639	19	-7.45e-03	2.75e-03	-1.86e-03	3.98e-05	-1.42e-04	-7.12e-05
639	33	0.03	8.78e-03	-1.61e-03	-1.80e-05	4.03e-05	4.89e-06
639	38	0.03	6.90e-03	-1.57e-03	-2.08e-05	4.91e-05	8.36e-06
639	51	-3.10e-03	1.46e-03	-1.75e-03	2.50e-05	-9.51e-05	-5.23e-05
639	65	0.03	8.07e-03	-1.61e-03	-1.55e-05	3.25e-05	1.52e-06
639	70	0.03	6.35e-03	-1.57e-03	-1.81e-05	4.06e-05	4.70e-06
639	83	-2.76e-03	1.37e-03	-1.74e-03	2.38e-05	-9.15e-05	-5.09e-05
640	1	0.06	0.02	-1.59e-03	-2.84e-05	1.10e-04	8.38e-05
640	7	-0.07	-0.02	-1.81e-03	6.19e-05	-2.71e-04	-1.24e-04
640	19	-0.03	2.85e-03	-1.83e-03	1.93e-05	-1.54e-04	-5.83e-05
640	33	0.03	9.72e-03	-1.63e-03	-2.41e-06	1.53e-05	3.18e-05
640	39	-0.03	-7.28e-03	-1.73e-03	4.07e-05	-1.67e-04	-6.75e-05

640	51	-0.02	1.34e-03	-1.74e-03	2.05e-05	-1.11e-04	-3.61e-05
640	65	0.02	8.91e-03	-1.63e-03	0.0	7.97e-06	2.78e-05
640	71	-0.03	-6.66e-03	-1.73e-03	3.91e-05	-1.59e-04	-6.32e-05
640	83	-0.01	1.23e-03	-1.73e-03	2.06e-05	-1.07e-04	-3.44e-05
641	1	0.05	0.02	-1.56e-03	-5.62e-05	2.03e-04	2.17e-05
641	6	0.05	0.01	-1.45e-03	-5.69e-05	2.05e-04	2.82e-05
641	19	-3.70e-03	2.62e-03	-1.86e-03	1.69e-05	-6.09e-05	-7.49e-05
641	33	0.03	7.61e-03	-1.60e-03	-2.30e-05	8.32e-05	-1.30e-05
641	38	0.03	6.04e-03	-1.55e-03	-2.34e-05	8.44e-05	-1.00e-05
641	51	-3.17e-04	1.53e-03	-1.74e-03	1.19e-05	-4.31e-05	-5.91e-05
641	65	0.02	7.03e-03	-1.60e-03	-2.05e-05	7.40e-05	-1.57e-05
641	70	0.02	5.59e-03	-1.56e-03	-2.08e-05	7.51e-05	-1.29e-05
641	83	-4.95e-05	1.46e-03	-1.73e-03	1.15e-05	-4.17e-05	-5.79e-05
642	1	0.04	0.01	-1.49e-03	-6.45e-05	2.33e-04	7.62e-06
642	6	0.04	9.52e-03	-1.38e-03	-6.52e-05	2.35e-04	1.32e-05
642	19	-1.23e-03	2.37e-03	-1.78e-03	9.90e-06	-3.57e-05	-6.85e-05
642	33	0.02	6.21e-03	-1.52e-03	-3.04e-05	1.10e-04	-1.93e-05
642	38	0.02	4.96e-03	-1.47e-03	-3.07e-05	1.11e-04	-1.66e-05
642	51	1.22e-03	1.48e-03	-1.66e-03	5.20e-06	-1.88e-05	-5.56e-05
642	65	0.02	5.75e-03	-1.52e-03	-2.78e-05	1.00e-04	-2.13e-05
642	70	0.02	4.60e-03	-1.48e-03	-2.81e-05	1.01e-04	-1.89e-05
642	83	1.41e-03	1.42e-03	-1.65e-03	4.83e-06	-1.75e-05	-5.46e-05
643	1	0.03	8.93e-03	-1.34e-03	-6.70e-05	2.42e-04	0.0
643	6	0.03	6.94e-03	-1.23e-03	-6.76e-05	2.44e-04	5.45e-06
643	19	7.94e-05	1.97e-03	-1.59e-03	4.03e-06	-1.46e-05	-5.47e-05
643	33	0.02	4.61e-03	-1.36e-03	-3.40e-05	1.23e-04	-1.83e-05
643	38	0.02	3.68e-03	-1.31e-03	-3.43e-05	1.24e-04	-1.62e-05
643	51	1.70e-03	1.26e-03	-1.48e-03	0.0	0.0	-4.48e-05
643	65	0.01	4.28e-03	-1.36e-03	-3.15e-05	1.14e-04	-1.98e-05
643	70	0.01	3.43e-03	-1.32e-03	-3.18e-05	1.15e-04	-1.79e-05
643	83	1.82e-03	1.21e-03	-1.47e-03	0.0	1.23e-06	-4.41e-05
644	1	0.02	5.71e-03	-1.09e-03	-6.23e-05	2.25e-04	-1.60e-06
644	6	0.02	4.38e-03	-1.01e-03	-5.60e-05	2.02e-04	1.58e-06
644	19	5.15e-04	1.44e-03	-1.30e-03	0.0	0.0	-3.72e-05
644	33	9.95e-03	2.98e-03	-1.11e-03	-3.30e-05	1.19e-04	-1.37e-05
644	38	0.01	2.35e-03	-1.07e-03	-3.00e-05	1.09e-04	-1.22e-05
644	51	1.45e-03	9.18e-04	-1.21e-03	-3.19e-06	1.15e-05	-3.06e-05
644	65	9.31e-03	2.77e-03	-1.11e-03	-3.07e-05	1.11e-04	-1.46e-05
644	70	9.37e-03	2.20e-03	-1.07e-03	-2.80e-05	1.01e-04	-1.33e-05
644	83	1.52e-03	8.81e-04	-1.20e-03	-3.44e-06	1.24e-05	-3.01e-05
645	1	8.94e-03	2.90e-03	-7.80e-04	-4.96e-05	1.79e-04	-1.80e-06
645	5	9.00e-03	2.86e-03	-7.75e-04	-4.99e-05	1.80e-04	-1.86e-06
645	23	7.08e-04	1.02e-03	-9.27e-04	-3.85e-06	1.39e-05	-1.90e-05
645	33	4.93e-03	1.50e-03	-7.90e-04	-2.69e-05	9.71e-05	-7.75e-06
645	37	4.95e-03	1.49e-03	-7.88e-04	-2.70e-05	9.76e-05	-7.78e-06
645	55	9.86e-04	5.96e-04	-8.58e-04	-5.00e-06	1.81e-05	-1.59e-05
645	65	4.62e-03	1.40e-03	-7.91e-04	-2.51e-05	9.08e-05	-8.20e-06
645	69	4.64e-03	1.38e-03	-7.89e-04	-2.53e-05	9.13e-05	-8.23e-06
645	87	1.01e-03	5.66e-04	-8.53e-04	-5.10e-06	1.84e-05	-1.57e-05
646	1	2.41e-03	8.67e-04	-4.13e-04	-2.86e-05	1.03e-04	0.0
646	6	2.43e-03	5.77e-04	-3.81e-04	-2.55e-05	9.22e-05	0.0
646	23	2.08e-04	4.03e-04	-4.90e-04	-2.90e-06	1.05e-05	-5.86e-06
646	33	1.34e-03	4.33e-04	-4.18e-04	-1.57e-05	5.67e-05	-2.47e-06
646	38	1.35e-03	2.98e-04	-4.03e-04	-1.43e-05	5.15e-05	-2.22e-06
646	55	2.89e-04	2.08e-04	-4.54e-04	-3.40e-06	1.23e-05	-4.91e-06
646	65	1.26e-03	4.00e-04	-4.19e-04	-1.47e-05	5.32e-05	-2.61e-06
646	70	1.27e-03	2.76e-04	-4.05e-04	-1.34e-05	4.84e-05	-2.37e-06
646	87	2.96e-04	1.94e-04	-4.51e-04	-3.44e-06	1.24e-05	-4.84e-06
647	1	0.0	0.0	0.0	0.0	0.0	0.0
647	33	0.0	0.0	0.0	0.0	0.0	0.0
647	65	0.0	0.0	0.0	0.0	0.0	0.0
648	1	0.06	0.02	-2.12e-03	-6.54e-05	8.79e-05	2.42e-05
648	6	0.06	0.01	-1.77e-03	-7.23e-05	1.06e-04	3.11e-05
648	23	-3.07e-03	4.32e-03	-2.90e-03	3.97e-05	-1.53e-04	-8.11e-05
648	33	0.03	8.75e-03	-2.16e-03	-2.55e-05	0.0	-1.63e-05
648	38	0.03	6.85e-03	-2.00e-03	-2.87e-05	8.14e-06	-1.30e-05
648	55	-2.05e-04	2.40e-03	-2.52e-03	2.47e-05	-1.15e-04	-6.65e-05
648	65	0.03	8.08e-03	-2.16e-03	-2.24e-05	-6.93e-06	-1.94e-05
648	70	0.03	6.34e-03	-2.01e-03	-2.53e-05	0.0	-1.64e-05
648	87	2.19e-05	2.26e-03	-2.49e-03	2.35e-05	-1.12e-04	-6.54e-05
649	1	0.06	0.02	-2.08e-03	-6.97e-06	3.69e-05	6.71e-05
649	7	-0.07	-0.01	-2.55e-03	6.34e-05	-2.92e-04	-1.30e-04
649	23	-0.03	4.54e-03	-2.84e-03	2.49e-05	-1.85e-04	-5.99e-05
649	33	0.03	9.36e-03	-2.12e-03	1.41e-05	-4.47e-05	1.79e-05
649	39	-0.03	-6.48e-03	-2.34e-03	4.77e-05	-2.02e-04	-7.61e-05
649	55	-0.01	2.25e-03	-2.47e-03	2.95e-05	-1.50e-04	-4.27e-05
649	65	0.02	8.60e-03	-2.12e-03	1.57e-05	-5.10e-05	1.41e-05

649	71	-0.03	-5.91e-03	-2.32e-03	4.65e-05	-1.95e-04	-7.20e-05
649	87	-0.01	2.09e-03	-2.44e-03	2.98e-05	-1.48e-04	-4.14e-05
650	1	0.05	0.02	-2.09e-03	-7.73e-05	1.69e-04	-3.21e-06
650	6	0.05	0.01	-1.74e-03	-8.50e-05	1.71e-04	2.85e-06
650	23	9.03e-04	4.05e-03	-2.87e-03	4.03e-05	-5.35e-05	-8.74e-05
650	33	0.03	7.82e-03	-2.13e-03	-3.25e-05	6.27e-05	-3.50e-05
650	38	0.03	6.23e-03	-1.96e-03	-3.62e-05	6.36e-05	-3.21e-05
650	55	3.12e-03	2.45e-03	-2.49e-03	2.36e-05	-4.37e-05	-7.51e-05
650	65	0.03	7.25e-03	-2.13e-03	-2.91e-05	5.46e-05	-3.74e-05
650	70	0.03	5.80e-03	-1.98e-03	-3.24e-05	5.54e-05	-3.48e-05
650	87	3.30e-03	2.34e-03	-2.46e-03	2.23e-05	-4.30e-05	-7.42e-05
651	1	0.04	0.01	-1.92e-03	-8.76e-05	2.15e-04	-1.29e-05
651	6	0.04	9.63e-03	-1.58e-03	-8.87e-05	2.17e-04	-7.52e-06
651	23	2.85e-03	3.60e-03	-2.66e-03	1.33e-05	-1.63e-05	-7.97e-05
651	33	0.02	6.52e-03	-1.95e-03	-3.98e-05	1.04e-04	-3.75e-05
651	38	0.02	5.26e-03	-1.80e-03	-4.03e-05	1.05e-04	-3.50e-05
651	55	4.44e-03	2.32e-03	-2.30e-03	8.50e-06	-6.70e-06	-6.93e-05
651	65	0.02	6.08e-03	-1.95e-03	-3.61e-05	9.56e-05	-3.94e-05
651	70	0.02	4.93e-03	-1.81e-03	-3.66e-05	9.65e-05	-3.71e-05
651	87	4.57e-03	2.23e-03	-2.27e-03	8.12e-06	-5.93e-06	-6.85e-05
652	1	0.03	9.14e-03	-1.64e-03	-8.95e-05	2.33e-04	-1.40e-05
652	6	0.03	7.13e-03	-1.34e-03	-9.04e-05	2.11e-04	-9.56e-06
652	23	3.25e-03	2.93e-03	-2.30e-03	7.64e-06	1.04e-05	-6.34e-05
652	33	0.02	4.94e-03	-1.67e-03	-4.28e-05	1.25e-04	-3.17e-05
652	38	0.02	4.00e-03	-1.53e-03	-4.33e-05	1.15e-04	-2.97e-05
652	55	4.28e-03	1.94e-03	-1.97e-03	3.65e-06	1.85e-05	-5.52e-05
652	65	0.02	4.62e-03	-1.67e-03	-3.92e-05	1.17e-04	-3.31e-05
652	70	0.02	3.76e-03	-1.54e-03	-3.96e-05	1.07e-04	-3.12e-05
652	87	4.36e-03	1.87e-03	-1.95e-03	3.33e-06	1.92e-05	-5.46e-05
653	1	0.02	5.91e-03	-1.28e-03	-8.37e-05	2.21e-04	-1.13e-05
653	5	0.02	5.85e-03	-1.27e-03	-7.50e-05	2.23e-04	-1.14e-05
653	23	2.62e-03	2.09e-03	-1.81e-03	3.22e-06	2.58e-05	-4.33e-05
653	33	0.01	3.23e-03	-1.31e-03	-4.13e-05	1.25e-04	-2.25e-05
653	37	0.01	3.20e-03	-1.30e-03	-3.72e-05	1.26e-04	-2.26e-05
653	55	3.19e-03	1.39e-03	-1.55e-03	0.0	3.17e-05	-3.77e-05
653	65	0.01	3.03e-03	-1.31e-03	-3.81e-05	1.18e-04	-2.34e-05
653	69	0.01	3.00e-03	-1.30e-03	-3.43e-05	1.19e-04	-2.34e-05
653	87	3.24e-03	1.34e-03	-1.54e-03	0.0	3.22e-05	-3.73e-05
654	1	9.47e-03	3.02e-03	-8.87e-04	-6.68e-05	1.79e-04	-7.09e-06
654	5	9.52e-03	2.98e-03	-8.74e-04	-5.95e-05	1.80e-04	-7.14e-06
654	23	1.50e-03	1.21e-03	-1.26e-03	0.0	2.94e-05	-2.32e-05
654	33	5.57e-03	1.65e-03	-9.03e-04	-3.35e-05	1.04e-04	-1.26e-05
654	37	5.60e-03	1.63e-03	-8.97e-04	-3.00e-05	1.05e-04	-1.26e-05
654	55	1.76e-03	7.78e-04	-1.08e-03	-1.17e-06	3.29e-05	-2.02e-05
654	65	5.28e-03	1.55e-03	-9.05e-04	-3.09e-05	9.88e-05	-1.30e-05
654	69	5.30e-03	1.53e-03	-8.99e-04	-2.78e-05	9.92e-05	-1.30e-05
654	87	1.78e-03	7.47e-04	-1.06e-03	-1.33e-06	3.32e-05	-2.00e-05
655	1	2.58e-03	9.06e-04	-4.57e-04	-3.86e-05	1.05e-04	-2.45e-06
655	6	2.59e-03	6.17e-04	-3.71e-04	-3.41e-05	9.44e-05	-1.90e-06
655	23	4.44e-04	4.54e-04	-6.48e-04	0.0	2.06e-05	-7.27e-06
655	33	1.54e-03	4.77e-04	-4.66e-04	-1.94e-05	6.24e-05	-4.07e-06
655	38	1.55e-03	3.42e-04	-4.26e-04	-1.73e-05	5.75e-05	-3.82e-06
655	55	5.21e-04	2.58e-04	-5.54e-04	-1.01e-06	2.20e-05	-6.35e-06
655	65	1.46e-03	4.44e-04	-4.66e-04	-1.79e-05	5.91e-05	-4.19e-06
655	70	1.47e-03	3.21e-04	-4.30e-04	-1.60e-05	5.47e-05	-3.96e-06
655	87	5.28e-04	2.43e-04	-5.47e-04	-1.08e-06	2.22e-05	-6.28e-06
656	1	0.0	0.0	0.0	0.0	0.0	0.0
656	33	0.0	0.0	0.0	0.0	0.0	0.0
656	65	0.0	0.0	0.0	0.0	0.0	0.0
657	1	0.06	0.02	-2.93e-03	-1.60e-05	4.50e-05	-7.92e-06
657	6	0.06	0.01	-2.25e-03	-1.63e-05	6.19e-05	-1.46e-06
657	23	-5.10e-04	5.00e-03	-4.52e-03	3.54e-05	-1.80e-04	-1.05e-04
657	33	0.03	8.80e-03	-3.03e-03	8.68e-06	-3.68e-05	-4.53e-05
657	38	0.03	6.87e-03	-2.71e-03	8.52e-06	-2.89e-05	-4.22e-05
657	55	2.23e-03	2.93e-03	-3.77e-03	3.33e-05	-1.44e-04	-9.18e-05
657	65	0.03	8.16e-03	-3.04e-03	1.06e-05	-4.31e-05	-4.82e-05
657	70	0.03	6.40e-03	-2.75e-03	1.04e-05	-3.58e-05	-4.54e-05
657	87	2.45e-03	2.78e-03	-3.71e-03	3.31e-05	-1.41e-04	-9.07e-05
658	1	0.06	0.02	-2.82e-03	1.69e-05	-6.35e-05	4.37e-05
658	7	-0.06	-0.01	-3.94e-03	6.15e-05	-3.32e-04	-1.42e-04
658	23	-9.33e-03	5.21e-03	-4.44e-03	3.11e-05	-2.49e-04	-7.65e-05
658	33	0.03	8.98e-03	-2.93e-03	3.17e-05	-1.30e-04	-2.84e-06
658	39	-0.03	-5.66e-03	-3.46e-03	5.29e-05	-2.58e-04	-9.16e-05
658	55	-6.09e-03	2.67e-03	-3.69e-03	3.86e-05	-2.18e-04	-6.02e-05
658	65	0.02	8.27e-03	-2.94e-03	3.28e-05	-1.35e-04	-6.41e-06
658	71	-0.03	-5.14e-03	-3.42e-03	5.22e-05	-2.52e-04	-8.77e-05
658	87	-5.84e-03	2.49e-03	-3.64e-03	3.91e-05	-2.16e-04	-5.89e-05

659	1	0.05	0.02	-2.78e-03	-4.33e-05	1.57e-04	-3.04e-05
659	6	0.05	0.01	-2.11e-03	-4.38e-05	1.58e-04	-2.46e-05
659	23	4.32e-03	4.88e-03	-4.33e-03	1.63e-05	-5.89e-05	-1.08e-04
659	33	0.03	8.25e-03	-2.88e-03	-1.48e-05	5.34e-05	-5.96e-05
659	38	0.03	6.64e-03	-2.57e-03	-1.50e-05	5.43e-05	-5.69e-05
659	55	6.47e-03	3.19e-03	-3.60e-03	1.37e-05	-4.96e-05	-9.67e-05
659	65	0.03	7.70e-03	-2.89e-03	-1.26e-05	4.55e-05	-6.18e-05
659	70	0.03	6.23e-03	-2.60e-03	-1.28e-05	4.63e-05	-5.94e-05
659	87	6.64e-03	3.07e-03	-3.54e-03	1.35e-05	-4.89e-05	-9.58e-05
660	1	0.04	0.01	-2.41e-03	-6.02e-05	2.18e-04	-3.20e-05
660	6	0.04	0.01	-1.78e-03	-6.08e-05	2.20e-04	-2.68e-05
660	23	6.13e-03	4.47e-03	-3.83e-03	2.70e-06	-9.51e-06	-9.51e-05
660	33	0.03	7.11e-03	-2.49e-03	-3.00e-05	1.08e-04	-5.52e-05
660	38	0.03	5.84e-03	-2.20e-03	-3.03e-05	1.09e-04	-5.28e-05
660	55	7.68e-03	3.11e-03	-3.15e-03	0.0	0.0	-8.52e-05
660	65	0.02	6.68e-03	-2.49e-03	-2.77e-05	1.00e-04	-5.70e-05
660	70	0.02	5.51e-03	-2.23e-03	-2.79e-05	1.01e-04	-5.48e-05
660	87	7.80e-03	3.02e-03	-3.10e-03	0.0	0.0	-8.45e-05
661	1	0.03	9.59e-03	-1.95e-03	-6.72e-05	2.43e-04	-2.63e-05
661	5	0.03	9.51e-03	-1.91e-03	-6.77e-05	2.45e-04	-2.66e-05
661	23	5.92e-03	3.69e-03	-3.18e-03	-6.26e-06	2.26e-05	-7.46e-05
661	33	0.02	5.49e-03	-2.01e-03	-3.77e-05	1.36e-04	-4.36e-05
661	37	0.02	5.46e-03	-1.99e-03	-3.79e-05	1.37e-04	-4.38e-05
661	55	6.91e-03	2.65e-03	-2.59e-03	-8.51e-06	3.08e-05	-6.66e-05
661	65	0.02	5.18e-03	-2.02e-03	-3.54e-05	1.28e-04	-4.50e-05
661	69	0.02	5.15e-03	-2.00e-03	-3.56e-05	1.29e-04	-4.51e-05
661	87	7.00e-03	2.57e-03	-2.54e-03	-8.70e-06	3.14e-05	-6.60e-05
662	1	0.02	6.27e-03	-1.48e-03	-6.46e-05	2.33e-04	-1.84e-05
662	5	0.02	6.21e-03	-1.44e-03	-6.50e-05	2.35e-04	-1.85e-05
662	23	4.47e-03	2.65e-03	-2.45e-03	-1.11e-05	4.02e-05	-5.11e-05
662	33	0.01	3.66e-03	-1.52e-03	-3.84e-05	1.39e-04	-2.99e-05
662	37	0.01	3.63e-03	-1.50e-03	-3.85e-05	1.39e-04	-3.00e-05
662	55	5.03e-03	1.91e-03	-1.97e-03	-1.28e-05	4.61e-05	-4.55e-05
662	65	0.01	3.46e-03	-1.52e-03	-3.63e-05	1.31e-04	-3.08e-05
662	69	0.01	3.43e-03	-1.51e-03	-3.65e-05	1.32e-04	-3.09e-05
662	87	5.07e-03	1.86e-03	-1.94e-03	-1.29e-05	4.66e-05	-4.51e-05
663	1	0.01	3.25e-03	-9.91e-04	-5.27e-05	1.90e-04	-1.08e-05
663	5	0.01	3.21e-03	-9.67e-04	-5.29e-05	1.91e-04	-1.09e-05
663	23	2.51e-03	1.54e-03	-1.66e-03	-1.19e-05	4.31e-05	-2.80e-05
663	33	6.44e-03	1.91e-03	-1.02e-03	-3.24e-05	1.17e-04	-1.67e-05
663	37	6.47e-03	1.89e-03	-1.01e-03	-3.25e-05	1.17e-04	-1.68e-05
663	55	2.76e-03	1.08e-03	-1.33e-03	-1.29e-05	4.65e-05	-2.49e-05
663	65	6.15e-03	1.81e-03	-1.02e-03	-3.08e-05	1.11e-04	-1.72e-05
663	69	6.18e-03	1.79e-03	-1.01e-03	-3.09e-05	1.12e-04	-1.72e-05
663	87	2.78e-03	1.05e-03	-1.31e-03	-1.30e-05	4.68e-05	-2.46e-05
664	1	2.82e-03	9.91e-04	-4.99e-04	-3.14e-05	1.14e-04	-4.06e-06
664	6	2.84e-03	7.01e-04	-3.42e-04	-2.86e-05	1.03e-04	-3.51e-06
664	23	7.56e-04	5.63e-04	-8.41e-04	-8.33e-06	3.01e-05	-9.02e-06
664	33	1.82e-03	5.72e-04	-5.13e-04	-1.98e-05	7.14e-05	-5.74e-06
664	38	1.82e-03	4.37e-04	-4.40e-04	-1.84e-05	6.66e-05	-5.48e-06
664	55	8.27e-04	3.64e-04	-6.72e-04	-8.71e-06	3.15e-05	-8.08e-06
664	65	1.74e-03	5.40e-04	-5.14e-04	-1.89e-05	6.82e-05	-5.87e-06
664	70	1.74e-03	4.16e-04	-4.47e-04	-1.76e-05	6.38e-05	-5.63e-06
664	87	8.33e-04	3.49e-04	-6.59e-04	-8.74e-06	3.16e-05	-8.02e-06
665	1	0.0	0.0	0.0	0.0	0.0	0.0
665	33	0.0	0.0	0.0	0.0	0.0	0.0
665	65	0.0	0.0	0.0	0.0	0.0	0.0
666	1	0.06	0.02	-4.20e-03	8.21e-05	1.00e-05	-4.94e-05
666	6	0.06	0.01	-3.09e-03	9.14e-05	2.62e-05	-4.34e-05
666	19	1.31e-03	4.85e-03	-7.03e-03	4.35e-05	-2.14e-04	-1.44e-04
666	33	0.03	8.80e-03	-4.46e-03	7.37e-05	-6.90e-05	-8.36e-05
666	38	0.03	6.84e-03	-3.95e-03	7.80e-05	-6.14e-05	-8.08e-05
666	51	5.00e-03	3.01e-03	-5.79e-03	5.55e-05	-1.76e-04	-1.29e-04
666	65	0.03	8.19e-03	-4.48e-03	7.30e-05	-7.50e-05	-8.62e-05
666	70	0.03	6.39e-03	-4.01e-03	7.70e-05	-6.81e-05	-8.36e-05
666	83	5.29e-03	2.88e-03	-5.70e-03	5.64e-05	-1.73e-04	-1.27e-04
667	1	0.05	0.02	-4.71e-03	4.40e-05	-2.19e-04	-9.05e-06
667	7	-0.06	-0.01	-7.07e-03	2.36e-05	-4.23e-04	-1.73e-04
667	19	-0.01	5.21e-03	-7.70e-03	1.30e-05	-3.66e-04	-1.23e-04
667	33	0.02	8.54e-03	-5.03e-03	4.22e-05	-2.69e-04	-4.98e-05
667	39	-0.03	-4.80e-03	-6.15e-03	3.28e-05	-3.66e-04	-1.28e-04
667	51	-7.75e-03	2.76e-03	-6.43e-03	2.79e-05	-3.39e-04	-1.04e-04
667	65	0.02	7.88e-03	-5.06e-03	4.20e-05	-2.72e-04	-5.30e-05
667	71	-0.03	-4.33e-03	-6.08e-03	3.35e-05	-3.61e-04	-1.25e-04
667	83	-7.42e-03	2.59e-03	-6.34e-03	2.90e-05	-3.36e-04	-1.03e-04
668	1	0.05	0.02	-3.62e-03	-2.00e-05	1.47e-04	-5.62e-05
668	6	0.06	0.01	-2.55e-03	-1.99e-05	1.49e-04	-5.07e-05

668	19	7.05e-03	5.35e-03	-6.24e-03	8.05e-06	-7.02e-05	-1.33e-04
668	33	0.03	8.99e-03	-3.83e-03	-5.35e-06	4.72e-05	-8.33e-05
668	38	0.03	7.37e-03	-3.33e-03	-5.33e-06	4.80e-05	-8.08e-05
668	51	0.01	3.90e-03	-5.05e-03	8.10e-06	-5.68e-05	-1.20e-04
668	65	0.03	8.46e-03	-3.85e-03	-4.24e-06	3.96e-05	-8.54e-05
668	70	0.03	6.98e-03	-3.39e-03	-4.22e-06	4.03e-05	-8.31e-05
668	83	0.01	3.80e-03	-4.96e-03	8.08e-06	-5.58e-05	-1.19e-04
669	1	0.05	0.01	-2.86e-03	-4.67e-05	2.22e-04	-4.74e-05
669	6	0.05	0.01	-1.86e-03	-4.24e-05	2.24e-04	-4.24e-05
669	19	8.89e-03	5.13e-03	-5.17e-03	-1.14e-05	-9.26e-06	-1.12e-04
669	33	0.03	8.02e-03	-3.01e-03	-2.95e-05	1.16e-04	-7.00e-05
669	38	0.03	6.73e-03	-2.54e-03	-2.75e-05	1.16e-04	-6.77e-05
669	51	0.01	3.98e-03	-4.08e-03	-1.26e-05	4.69e-06	-1.01e-04
669	65	0.03	7.60e-03	-3.02e-03	-2.82e-05	1.07e-04	-7.18e-05
669	70	0.03	6.42e-03	-2.59e-03	-2.63e-05	1.08e-04	-6.97e-05
669	83	0.01	3.90e-03	-4.00e-03	-1.27e-05	5.80e-06	-1.00e-04
670	1	0.03	0.01	-2.20e-03	-5.60e-05	2.54e-04	-3.47e-05
670	5	0.03	0.01	-2.13e-03	-5.61e-05	2.56e-04	-3.50e-05
670	23	9.13e-03	4.71e-03	-4.16e-03	-2.28e-05	3.72e-05	-8.44e-05
670	33	0.02	6.29e-03	-2.30e-03	-3.96e-05	1.49e-04	-5.27e-05
670	37	0.02	6.25e-03	-2.27e-03	-3.97e-05	1.50e-04	-5.28e-05
670	55	0.01	3.60e-03	-3.21e-03	-2.37e-05	4.53e-05	-7.63e-05
670	65	0.02	5.98e-03	-2.31e-03	-3.83e-05	1.41e-04	-5.41e-05
670	69	0.02	5.94e-03	-2.28e-03	-3.84e-05	1.42e-04	-5.42e-05
670	87	0.01	3.53e-03	-3.14e-03	-2.38e-05	4.59e-05	-7.57e-05
671	1	0.02	6.78e-03	-1.61e-03	-5.32e-05	2.48e-04	-2.13e-05
671	5	0.02	6.71e-03	-1.56e-03	-5.31e-05	2.49e-04	-2.15e-05
671	23	6.71e-03	3.42e-03	-3.17e-03	-2.86e-05	5.63e-05	-5.84e-05
671	33	0.01	4.24e-03	-1.68e-03	-4.02e-05	1.54e-04	-3.46e-05
671	37	0.01	4.21e-03	-1.65e-03	-4.02e-05	1.54e-04	-3.47e-05
671	55	7.23e-03	2.62e-03	-2.40e-03	-2.85e-05	6.22e-05	-5.22e-05
671	65	0.01	4.05e-03	-1.68e-03	-3.93e-05	1.47e-04	-3.56e-05
671	69	0.01	4.02e-03	-1.66e-03	-3.93e-05	1.47e-04	-3.57e-05
671	87	7.27e-03	2.56e-03	-2.35e-03	-2.85e-05	6.27e-05	-5.17e-05
672	1	0.01	3.56e-03	-1.06e-03	-3.95e-05	2.04e-04	-1.02e-05
672	5	0.01	3.52e-03	-1.02e-03	-3.93e-05	2.05e-04	-1.03e-05
672	23	3.75e-03	2.03e-03	-2.16e-03	-2.90e-05	5.83e-05	-3.31e-05
672	33	7.46e-03	2.27e-03	-1.10e-03	-3.26e-05	1.31e-04	-1.83e-05
672	37	7.48e-03	2.25e-03	-1.08e-03	-3.25e-05	1.32e-04	-1.84e-05
672	55	3.98e-03	1.53e-03	-1.61e-03	-2.77e-05	6.16e-05	-2.92e-05
672	65	7.18e-03	2.17e-03	-1.10e-03	-3.21e-05	1.26e-04	-1.90e-05
672	69	7.20e-03	2.15e-03	-1.09e-03	-3.20e-05	1.26e-04	-1.90e-05
672	87	4.00e-03	1.49e-03	-1.57e-03	-2.76e-05	6.19e-05	-2.89e-05
673	1	3.11e-03	1.13e-03	-5.27e-04	-2.67e-05	1.24e-04	-3.62e-06
673	5	3.12e-03	1.11e-03	-5.08e-04	-2.65e-05	1.25e-04	-3.66e-06
673	23	1.16e-03	7.61e-04	-1.08e-03	-2.03e-05	4.11e-05	-1.15e-05
673	33	2.15e-03	7.25e-04	-5.45e-04	-2.20e-05	8.22e-05	-6.38e-06
673	37	2.16e-03	7.16e-04	-5.36e-04	-2.20e-05	8.24e-05	-6.40e-06
673	55	1.22e-03	5.47e-04	-8.02e-04	-1.91e-05	4.24e-05	-1.01e-05
673	65	2.08e-03	6.94e-04	-5.47e-04	-2.17e-05	7.90e-05	-6.59e-06
673	69	2.09e-03	6.87e-04	-5.38e-04	-2.16e-05	7.92e-05	-6.61e-06
673	87	1.23e-03	5.31e-04	-7.82e-04	-1.90e-05	4.25e-05	-1.00e-05
674	1	0.0	0.0	0.0	0.0	0.0	0.0
674	33	0.0	0.0	0.0	0.0	0.0	0.0
674	65	0.0	0.0	0.0	0.0	0.0	0.0
675	1	0.06	0.02	-6.33e-03	-2.91e-05	-9.05e-05	-8.29e-05
675	6	0.06	0.01	-4.67e-03	-3.23e-05	-7.45e-05	-7.71e-05
675	19	6.23e-03	5.56e-03	-0.01	1.15e-05	-2.83e-04	-1.61e-04
675	33	0.04	8.90e-03	-6.89e-03	-1.50e-05	-1.57e-04	-1.11e-04
675	38	0.04	6.90e-03	-6.12e-03	-1.65e-05	-1.49e-04	-1.08e-04
675	51	9.77e-03	3.54e-03	-9.08e-03	4.32e-06	-2.48e-04	-1.48e-04
675	65	0.03	8.31e-03	-6.94e-03	-1.39e-05	-1.62e-04	-1.13e-04
675	70	0.03	6.48e-03	-6.23e-03	-1.53e-05	-1.55e-04	-1.10e-04
675	83	0.01	3.40e-03	-8.94e-03	3.78e-06	-2.46e-04	-1.47e-04
676	1	0.06	0.02	-4.01e-03	-3.68e-05	1.33e-04	-7.83e-05
676	6	0.06	0.01	-2.43e-03	-3.71e-05	1.34e-04	-7.32e-05
676	19	0.01	7.08e-03	-7.92e-03	1.78e-05	-6.42e-05	-1.51e-04
676	33	0.04	0.01	-4.34e-03	-1.15e-05	4.14e-05	-1.04e-04
676	38	0.04	8.63e-03	-3.61e-03	-1.16e-05	4.20e-05	-1.02e-04
676	51	0.02	5.51e-03	-6.18e-03	1.46e-05	-5.29e-05	-1.38e-04
676	65	0.04	9.77e-03	-4.37e-03	-9.52e-06	3.44e-05	-1.06e-04
676	70	0.04	8.26e-03	-3.70e-03	-9.67e-06	3.49e-05	-1.04e-04
676	83	0.02	5.40e-03	-6.05e-03	1.44e-05	-5.20e-05	-1.38e-04
677	1	0.05	0.01	-2.98e-03	-6.18e-05	2.23e-04	-6.06e-05
677	5	0.05	0.01	-2.87e-03	-5.64e-05	2.04e-04	-6.11e-05
677	19	0.01	6.73e-03	-6.32e-03	-2.00e-06	7.22e-06	-1.24e-04
677	33	0.03	9.25e-03	-3.18e-03	-3.41e-05	1.23e-04	-8.30e-05

677	37	0.03	9.20e-03	-3.13e-03	-3.16e-05	1.14e-04	-8.32e-05
677	51	0.02	5.46e-03	-4.74e-03	-5.50e-06	1.99e-05	-1.13e-04
677	65	0.03	8.85e-03	-3.20e-03	-3.20e-05	1.16e-04	-8.47e-05
677	69	0.03	8.80e-03	-3.15e-03	-2.97e-05	1.07e-04	-8.49e-05
677	83	0.02	5.37e-03	-4.62e-03	-5.78e-06	2.09e-05	-1.12e-04
678	1	0.04	0.01	-2.23e-03	-7.23e-05	2.61e-04	-3.99e-05
678	5	0.04	0.01	-2.14e-03	-7.27e-05	2.63e-04	-4.02e-05
678	23	0.01	5.98e-03	-5.07e-03	-1.57e-05	5.66e-05	-9.31e-05
678	33	0.03	7.27e-03	-2.36e-03	-4.49e-05	1.62e-04	-5.92e-05
678	37	0.03	7.22e-03	-2.31e-03	-4.51e-05	1.63e-04	-5.93e-05
678	55	0.01	4.79e-03	-3.68e-03	-1.78e-05	6.42e-05	-8.45e-05
678	65	0.02	6.97e-03	-2.36e-03	-4.28e-05	1.54e-04	-6.07e-05
678	69	0.02	6.93e-03	-2.32e-03	-4.30e-05	1.55e-04	-6.08e-05
678	87	0.01	4.70e-03	-3.57e-03	-1.79e-05	6.48e-05	-8.38e-05
679	1	0.02	7.34e-03	-1.61e-03	-7.08e-05	2.56e-04	-1.95e-05
679	5	0.02	7.27e-03	-1.53e-03	-7.11e-05	2.57e-04	-1.98e-05
679	23	9.27e-03	4.35e-03	-3.92e-03	-2.13e-05	7.71e-05	-6.43e-05
679	33	0.02	4.92e-03	-1.68e-03	-4.65e-05	1.68e-04	-3.57e-05
679	37	0.02	4.89e-03	-1.64e-03	-4.66e-05	1.68e-04	-3.58e-05
679	55	9.72e-03	3.48e-03	-2.76e-03	-2.28e-05	8.24e-05	-5.70e-05
679	65	0.02	4.74e-03	-1.69e-03	-4.46e-05	1.61e-04	-3.69e-05
679	69	0.02	4.71e-03	-1.65e-03	-4.47e-05	1.62e-04	-3.70e-05
679	87	9.76e-03	3.41e-03	-2.67e-03	-2.29e-05	8.28e-05	-5.64e-05
680	1	0.01	3.87e-03	-1.05e-03	-5.80e-05	2.10e-04	-2.36e-06
680	5	0.01	3.82e-03	-9.86e-04	-5.82e-05	2.10e-04	-2.58e-06
680	23	5.17e-03	2.63e-03	-2.77e-03	-2.16e-05	7.79e-05	-3.67e-05
680	33	8.45e-03	2.66e-03	-1.09e-03	-3.97e-05	1.43e-04	-1.47e-05
680	37	8.47e-03	2.64e-03	-1.07e-03	-3.98e-05	1.44e-04	-1.48e-05
680	55	5.35e-03	2.06e-03	-1.90e-03	-2.23e-05	8.04e-05	-3.10e-05
680	65	8.21e-03	2.57e-03	-1.10e-03	-3.83e-05	1.38e-04	-1.57e-05
680	69	8.22e-03	2.55e-03	-1.07e-03	-3.84e-05	1.39e-04	-1.57e-05
680	87	5.36e-03	2.02e-03	-1.83e-03	-2.23e-05	8.07e-05	-3.06e-05
681	6	3.14e-03	9.20e-04	-4.61e-05	-2.98e-05	1.12e-04	7.57e-06
681	17	2.39e-03	1.36e-03	-1.35e-03	-2.42e-05	8.99e-05	0.0
681	19	1.57e-03	1.05e-03	-1.54e-03	-1.48e-05	5.41e-05	-8.01e-06
681	38	2.38e-03	7.40e-04	-3.31e-04	-2.23e-05	8.31e-05	0.0
681	49	2.02e-03	9.40e-04	-9.38e-04	-1.95e-05	7.24e-05	-2.90e-06
681	51	1.63e-03	7.94e-04	-1.02e-03	-1.50e-05	5.53e-05	-7.15e-06
681	70	2.32e-03	7.26e-04	-3.52e-04	-2.17e-05	8.09e-05	0.0
681	81	1.99e-03	9.09e-04	-9.08e-04	-1.92e-05	7.10e-05	-3.19e-06
681	83	1.63e-03	7.75e-04	-9.86e-04	-1.51e-05	5.55e-05	-7.08e-06
682	7	-0.06	0.02	-0.02	5.02e-04	2.13e-05	3.44e-05
682	27	-0.03	0.02	-0.01	3.87e-04	1.61e-05	1.52e-05
682	39	-0.03	0.01	-0.01	2.99e-04	1.27e-05	3.13e-05
682	59	-0.01	0.01	-8.97e-03	2.42e-04	1.02e-05	2.23e-05
682	71	-0.03	0.01	-0.01	2.83e-04	1.21e-05	3.11e-05
682	91	-0.01	0.01	-8.79e-03	2.31e-04	9.77e-06	2.29e-05
683	7	-0.05	0.04	-0.02	3.16e-04	1.30e-05	1.87e-05
683	39	-0.02	0.02	-0.01	1.99e-04	8.24e-06	9.31e-06
683	71	-0.02	0.02	-0.01	1.90e-04	7.87e-06	8.59e-06
684	7	-0.04	0.04	-0.02	9.48e-05	3.91e-06	2.04e-05
684	39	-0.02	0.03	-0.01	6.46e-05	2.68e-06	4.87e-06
684	71	-0.02	0.02	-0.01	6.22e-05	2.58e-06	3.68e-06
685	7	-0.03	0.04	-0.01	-6.67e-05	-2.75e-06	1.78e-05
685	39	-0.02	0.03	-9.61e-03	-3.64e-05	-1.50e-06	3.20e-06
685	71	-0.01	0.03	-9.27e-03	-3.41e-05	-1.41e-06	2.08e-06
686	7	-0.02	0.04	-0.01	-1.91e-04	-7.94e-06	1.47e-05
686	39	-0.01	0.02	-8.25e-03	-1.13e-04	-4.68e-06	2.75e-06
686	71	-0.01	0.02	-7.95e-03	-1.07e-04	-4.44e-06	1.84e-06
687	7	-0.02	0.03	-0.01	-2.64e-04	-1.10e-05	1.31e-05
687	39	-8.38e-03	0.02	-6.77e-03	-1.57e-04	-6.55e-06	3.36e-06
687	71	-7.75e-03	0.02	-6.51e-03	-1.49e-04	-6.21e-06	2.62e-06
688	7	-0.01	0.02	-7.81e-03	-2.83e-04	-1.17e-05	1.14e-05
688	39	-5.25e-03	0.01	-5.19e-03	-1.69e-04	-7.02e-06	3.85e-06
688	71	-4.87e-03	0.01	-4.99e-03	-1.60e-04	-6.66e-06	3.27e-06
689	3	-5.29e-03	0.01	-5.28e-03	-2.44e-04	-1.01e-05	7.84e-06
689	7	-5.33e-03	0.01	-5.30e-03	-2.44e-04	-1.01e-05	7.74e-06
689	35	-2.72e-03	6.39e-03	-3.49e-03	-1.46e-04	-6.06e-06	3.12e-06
689	39	-2.74e-03	6.39e-03	-3.50e-03	-1.46e-04	-6.06e-06	3.08e-06
689	67	-2.52e-03	6.07e-03	-3.35e-03	-1.38e-04	-5.75e-06	2.77e-06
689	71	-2.54e-03	6.07e-03	-3.36e-03	-1.39e-04	-5.75e-06	2.72e-06
690	3	-1.72e-03	3.04e-03	-2.59e-03	-1.51e-04	-6.20e-06	1.70e-06
690	7	-1.73e-03	3.04e-03	-2.61e-03	-1.51e-04	-6.20e-06	1.67e-06
690	35	-8.97e-04	1.84e-03	-1.72e-03	-9.02e-05	-3.72e-06	0.0
690	39	-9.04e-04	1.84e-03	-1.72e-03	-9.02e-05	-3.72e-06	0.0
690	67	-8.34e-04	1.75e-03	-1.65e-03	-8.56e-05	-3.53e-06	0.0
690	71	-8.41e-04	1.75e-03	-1.65e-03	-8.56e-05	-3.53e-06	0.0

691	1	0.0	0.0	0.0	0.0	0.0	0.0
691	33	0.0	0.0	0.0	0.0	0.0	0.0
691	65	0.0	0.0	0.0	0.0	0.0	0.0
692	7	-0.06	0.02	-6.43e-03	4.87e-04	-6.30e-05	8.35e-06
692	15	-0.06	0.02	-6.46e-03	5.21e-04	-6.94e-05	1.25e-05
692	27	-0.03	0.02	-6.10e-03	3.68e-04	-3.30e-05	-2.11e-06
692	39	-0.03	0.01	-6.04e-03	2.80e-04	-2.49e-05	6.07e-06
692	47	-0.03	0.01	-6.05e-03	2.96e-04	-2.79e-05	8.03e-06
692	59	-0.01	0.01	-5.87e-03	2.22e-04	-1.04e-05	1.24e-06
692	71	-0.03	0.01	-6.01e-03	2.65e-04	-2.20e-05	5.90e-06
692	79	-0.03	9.96e-03	-6.02e-03	2.79e-04	-2.47e-05	7.70e-06
692	91	-0.01	0.01	-5.86e-03	2.11e-04	-8.66e-06	1.48e-06
693	7	-0.05	0.04	-6.11e-03	3.37e-04	-2.70e-05	1.85e-05
693	15	-0.05	0.03	-6.17e-03	3.74e-04	-2.90e-05	1.81e-05
693	39	-0.02	0.02	-5.87e-03	2.01e-04	-1.11e-05	8.45e-06
693	47	-0.02	0.02	-5.90e-03	2.18e-04	-1.21e-05	8.24e-06
693	71	-0.02	0.02	-5.86e-03	1.90e-04	-9.92e-06	7.69e-06
693	79	-0.02	0.02	-5.88e-03	2.06e-04	-1.08e-05	7.50e-06
694	7	-0.04	0.04	-5.54e-03	9.78e-05	-1.19e-05	3.54e-05
694	15	-0.04	0.04	-5.61e-03	1.36e-04	-1.85e-05	4.02e-05
694	39	-0.02	0.03	-5.44e-03	6.47e-05	-4.74e-06	1.54e-05
694	47	-0.02	0.02	-5.47e-03	8.28e-05	-7.89e-06	1.77e-05
694	71	-0.02	0.02	-5.43e-03	6.21e-05	-4.20e-06	1.39e-05
694	79	-0.02	0.02	-5.46e-03	7.87e-05	-7.08e-06	1.60e-05
695	7	-0.03	0.05	-4.76e-03	-7.25e-05	2.18e-06	3.53e-05
695	16	-0.03	0.03	-4.98e-03	-2.21e-05	4.76e-06	2.99e-05
695	39	-0.02	0.03	-4.80e-03	-3.85e-05	0.0	1.54e-05
695	48	-0.01	0.02	-4.90e-03	-1.46e-05	1.91e-06	1.29e-05
695	71	-0.01	0.03	-4.80e-03	-3.59e-05	0.0	1.38e-05
695	80	-0.01	0.02	-4.90e-03	-1.40e-05	1.69e-06	1.16e-05
696	7	-0.02	0.04	-4.20e-03	-1.96e-04	4.30e-06	2.99e-05
696	15	-0.02	0.04	-4.24e-03	-1.60e-04	8.38e-06	3.55e-05
696	39	-0.01	0.02	-4.17e-03	-1.14e-04	1.04e-06	1.31e-05
696	47	-0.01	0.02	-4.18e-03	-9.67e-05	2.99e-06	1.58e-05
696	71	-0.01	0.02	-4.16e-03	-1.08e-04	0.0	1.18e-05
696	79	-0.01	0.02	-4.18e-03	-9.19e-05	2.57e-06	1.42e-05
697	3	-0.02	0.03	-3.39e-03	-2.70e-04	6.73e-06	2.34e-05
697	7	-0.02	0.03	-3.41e-03	-2.70e-04	3.65e-06	2.32e-05
697	15	-0.01	0.03	-3.43e-03	-2.33e-04	8.65e-06	2.76e-05
697	35	-8.07e-03	0.02	-3.36e-03	-1.59e-04	1.76e-06	1.03e-05
697	39	-8.12e-03	0.02	-3.37e-03	-1.59e-04	0.0	1.02e-05
697	47	-7.39e-03	0.02	-3.38e-03	-1.41e-04	2.72e-06	1.23e-05
697	67	-7.46e-03	0.02	-3.36e-03	-1.50e-04	1.39e-06	9.29e-06
697	71	-7.50e-03	0.02	-3.37e-03	-1.50e-04	0.0	9.19e-06
697	79	-6.83e-03	0.02	-3.38e-03	-1.34e-04	2.26e-06	1.11e-05
698	3	-9.89e-03	0.02	-2.57e-03	-2.89e-04	6.49e-06	1.60e-05
698	7	-9.95e-03	0.02	-2.57e-03	-2.89e-04	3.37e-06	1.58e-05
698	15	-8.94e-03	0.02	-2.59e-03	-2.55e-04	8.41e-06	1.88e-05
698	35	-4.93e-03	0.01	-2.54e-03	-1.71e-04	1.54e-06	7.03e-06
698	39	-4.96e-03	0.01	-2.54e-03	-1.71e-04	0.0	6.95e-06
698	47	-4.48e-03	0.01	-2.54e-03	-1.55e-04	2.49e-06	8.39e-06
698	67	-4.55e-03	0.01	-2.53e-03	-1.62e-04	1.16e-06	6.35e-06
698	71	-4.58e-03	0.01	-2.53e-03	-1.62e-04	0.0	6.27e-06
698	79	-4.13e-03	0.01	-2.54e-03	-1.47e-04	2.04e-06	7.59e-06
699	3	-4.90e-03	0.01	-1.71e-03	-2.52e-04	5.98e-06	8.66e-06
699	7	-4.94e-03	0.01	-1.71e-03	-2.52e-04	3.14e-06	8.56e-06
699	15	-4.37e-03	9.88e-03	-1.72e-03	-2.26e-04	7.48e-06	1.02e-05
699	35	-2.42e-03	6.55e-03	-1.68e-03	-1.49e-04	1.48e-06	3.81e-06
699	39	-2.44e-03	6.54e-03	-1.68e-03	-1.49e-04	0.0	3.77e-06
699	47	-2.17e-03	6.03e-03	-1.69e-03	-1.37e-04	2.23e-06	4.55e-06
699	67	-2.23e-03	6.21e-03	-1.68e-03	-1.41e-04	1.14e-06	3.44e-06
699	71	-2.25e-03	6.21e-03	-1.68e-03	-1.41e-04	0.0	3.40e-06
699	79	-2.00e-03	5.73e-03	-1.68e-03	-1.30e-04	1.83e-06	4.12e-06
700	3	-1.48e-03	3.12e-03	-8.43e-04	-1.57e-04	4.46e-06	2.75e-06
700	7	-1.49e-03	3.12e-03	-8.44e-04	-1.57e-04	4.40e-06	2.71e-06
700	15	-1.28e-03	2.83e-03	-8.47e-04	-1.42e-04	7.20e-06	3.24e-06
700	35	-7.14e-04	1.87e-03	-8.29e-04	-9.31e-05	1.27e-06	1.20e-06
700	39	-7.20e-04	1.87e-03	-8.29e-04	-9.30e-05	1.24e-06	1.19e-06
700	47	-6.19e-04	1.73e-03	-8.30e-04	-8.57e-05	2.57e-06	1.44e-06
700	67	-6.55e-04	1.78e-03	-8.28e-04	-8.82e-05	1.03e-06	1.09e-06
700	71	-6.61e-04	1.78e-03	-8.28e-04	-8.81e-05	1.00e-06	1.07e-06
700	79	-5.69e-04	1.65e-03	-8.29e-04	-8.15e-05	2.22e-06	1.30e-06
701	1	0.0	0.0	0.0	0.0	0.0	0.0
701	33	0.0	0.0	0.0	0.0	0.0	0.0
701	65	0.0	0.0	0.0	0.0	0.0	0.0
702	6	0.05	-0.01	-0.01	-3.45e-04	-1.05e-04	-1.27e-05
702	7	-0.06	0.02	3.95e-03	5.24e-04	1.13e-04	-4.37e-06

702	27	-0.03	0.02	-1.47e-03	3.93e-04	8.96e-05	-1.59e-05
702	38	0.02	-3.55e-03	-9.76e-03	-1.17e-04	-4.79e-05	-1.05e-05
702	39	-0.03	0.01	-8.98e-04	2.96e-04	5.61e-05	-6.54e-06
702	59	-0.01	0.01	-3.49e-03	2.33e-04	4.43e-05	-1.19e-05
702	70	0.02	-2.92e-03	-9.39e-03	-1.00e-04	-4.36e-05	-1.04e-05
702	71	-0.03	0.01	-1.27e-03	2.79e-04	5.17e-05	-6.71e-06
702	91	-0.01	0.01	-3.65e-03	2.20e-04	4.09e-05	-1.16e-05
703	6	0.04	-0.02	-0.01	-2.04e-04	-1.31e-04	-3.95e-05
703	7	-0.05	0.04	3.65e-03	3.80e-04	1.97e-04	3.57e-05
703	38	0.02	-6.61e-03	-9.80e-03	-5.10e-05	-4.48e-05	-1.98e-05
703	39	-0.02	0.02	-1.11e-03	2.27e-04	1.11e-04	1.60e-05
703	70	0.02	-5.43e-03	-9.43e-03	-3.94e-05	-3.83e-05	-1.83e-05
703	71	-0.02	0.02	-1.47e-03	2.16e-04	1.05e-04	1.45e-05
704	6	0.04	-0.03	-0.01	-2.82e-05	-2.78e-05	-3.39e-05
704	7	-0.04	0.05	4.01e-03	1.01e-04	3.62e-05	4.60e-05
704	38	0.02	-7.71e-03	-9.09e-03	5.58e-06	-1.10e-05	-1.30e-05
704	39	-0.02	0.03	-6.25e-04	6.76e-05	1.94e-05	2.50e-05
704	70	0.01	-6.24e-03	-8.74e-03	8.18e-06	-9.77e-06	-1.14e-05
704	71	-0.02	0.03	-9.80e-04	6.50e-05	1.81e-05	2.34e-05
705	6	0.03	-0.03	-0.01	5.87e-05	8.90e-06	-3.81e-05
705	7	-0.03	0.05	3.96e-03	-7.55e-05	-1.12e-05	5.12e-05
705	38	0.01	-7.42e-03	-8.24e-03	2.34e-05	3.61e-06	-1.47e-05
705	39	-0.02	0.03	-3.57e-04	-4.02e-05	-5.89e-06	2.78e-05
705	70	0.01	-5.94e-03	-7.91e-03	2.07e-05	3.21e-06	-1.29e-05
705	71	-0.01	0.03	-6.88e-04	-3.75e-05	-5.49e-06	2.60e-05
706	3	-0.02	0.04	3.65e-03	-2.05e-04	-3.91e-05	4.53e-05
706	6	0.02	-0.02	-0.01	1.24e-04	3.38e-05	-3.57e-05
706	7	-0.02	0.04	3.69e-03	-2.05e-04	-3.90e-05	4.49e-05
706	35	-0.01	0.02	-1.51e-04	-1.18e-04	-2.00e-05	2.39e-05
706	38	9.70e-03	-6.41e-03	-7.12e-03	3.80e-05	1.47e-05	-1.46e-05
706	39	-0.01	0.02	-1.31e-04	-1.19e-04	-1.99e-05	2.38e-05
706	67	-0.01	0.02	-4.42e-04	-1.12e-04	-1.85e-05	2.23e-05
706	70	8.80e-03	-5.09e-03	-6.83e-03	3.14e-05	1.33e-05	-1.30e-05
706	71	-0.01	0.02	-4.24e-04	-1.12e-04	-1.85e-05	2.22e-05
707	3	-0.02	0.03	3.22e-03	-2.81e-04	-5.32e-05	3.35e-05
707	6	0.02	-0.02	-9.11e-03	1.63e-04	4.65e-05	-2.80e-05
707	7	-0.02	0.03	3.26e-03	-2.81e-04	-5.29e-05	3.32e-05
707	35	-8.01e-03	0.02	7.20e-06	-1.64e-04	-2.70e-05	1.73e-05
707	38	6.93e-03	-4.92e-03	-5.88e-03	4.64e-05	2.04e-05	-1.19e-05
707	39	-8.06e-03	0.02	2.55e-05	-1.64e-04	-2.69e-05	1.72e-05
707	67	-7.39e-03	0.02	-2.39e-04	-1.56e-04	-2.50e-05	1.61e-05
707	70	6.30e-03	-3.90e-03	-5.63e-03	3.75e-05	1.84e-05	-1.07e-05
707	71	-7.43e-03	0.02	-2.23e-04	-1.56e-04	-2.49e-05	1.59e-05
708	3	-9.92e-03	0.02	2.62e-03	-2.99e-04	-5.33e-05	2.06e-05
708	6	9.57e-03	-0.01	-7.08e-03	1.71e-04	4.65e-05	-1.84e-05
708	7	-9.99e-03	0.02	2.65e-03	-2.99e-04	-5.30e-05	2.04e-05
708	35	-4.85e-03	0.01	9.29e-05	-1.76e-04	-2.70e-05	1.03e-05
708	38	4.46e-03	-3.25e-03	-4.54e-03	4.75e-05	2.05e-05	-8.25e-06
708	39	-4.88e-03	0.01	1.08e-04	-1.76e-04	-2.69e-05	1.02e-05
708	67	-4.46e-03	0.01	-1.01e-04	-1.67e-04	-2.50e-05	9.51e-06
708	70	4.07e-03	-2.56e-03	-4.34e-03	3.81e-05	1.85e-05	-7.47e-06
708	71	-4.49e-03	0.01	-8.68e-05	-1.67e-04	-2.49e-05	9.44e-06
709	3	-4.95e-03	0.01	1.84e-03	-2.60e-04	-4.11e-05	1.01e-05
709	6	5.03e-03	-6.30e-03	-4.83e-03	1.48e-04	3.58e-05	-9.97e-06
709	35	-2.35e-03	6.76e-03	1.03e-04	-1.53e-04	-2.09e-05	4.78e-06
709	38	2.41e-03	-1.66e-03	-3.08e-03	4.08e-05	1.57e-05	-4.75e-06
709	67	-2.15e-03	6.41e-03	-3.04e-05	-1.45e-04	-1.93e-05	4.38e-06
709	70	2.21e-03	-1.30e-03	-2.95e-03	3.26e-05	1.42e-05	-4.35e-06
710	3	-1.48e-03	3.30e-03	8.94e-04	-1.62e-04	-1.81e-05	5.11e-06
710	6	1.69e-03	-1.80e-03	-2.38e-03	9.27e-05	1.55e-05	-5.38e-06
710	35	-6.58e-04	1.96e-03	4.23e-05	-9.54e-05	-9.25e-06	2.35e-06
710	38	8.55e-04	-4.63e-04	-1.52e-03	2.59e-05	6.74e-06	-2.65e-06
710	67	-5.95e-04	1.86e-03	-2.31e-05	-9.03e-05	-8.58e-06	2.14e-06
710	70	7.91e-04	-3.61e-04	-1.45e-03	2.08e-05	6.07e-06	-2.44e-06
711	1	0.0	0.0	0.0	0.0	0.0	0.0
711	33	0.0	0.0	0.0	0.0	0.0	0.0
711	65	0.0	0.0	0.0	0.0	0.0	0.0
712	7	-0.02	0.03	-7.90e-03	-1.01e-04	-4.19e-06	-6.79e-05
712	8	-0.02	0.02	-8.70e-03	-5.64e-05	-2.34e-06	-4.97e-05
712	19	-8.03e-03	0.03	-2.22e-03	-1.18e-04	-4.91e-06	-6.63e-05
712	39	-9.65e-03	0.02	-4.40e-03	-5.89e-05	-2.44e-06	-4.73e-05
712	40	-8.97e-03	0.01	-4.78e-03	-3.81e-05	-1.58e-06	-3.88e-05
712	51	-4.42e-03	0.02	-1.70e-03	-6.67e-05	-2.76e-06	-4.64e-05
712	71	-8.94e-03	0.02	-4.13e-03	-5.58e-05	-2.31e-06	-4.58e-05
712	72	-8.32e-03	0.01	-4.47e-03	-3.67e-05	-1.52e-06	-3.80e-05
712	83	-4.14e-03	0.02	-1.65e-03	-6.28e-05	-2.60e-06	-4.49e-05
713	7	-0.02	0.03	-5.50e-03	-9.73e-05	-3.77e-06	-6.11e-05

713	8	-0.02	0.01	-6.09e-03	-5.62e-05	-2.00e-06	-3.88e-05
713	19	-7.68e-03	0.03	-1.87e-03	-1.12e-04	-4.52e-06	-5.80e-05
713	39	-9.18e-03	0.02	-3.37e-03	-5.79e-05	-2.18e-06	-3.49e-05
713	40	-8.51e-03	9.68e-03	-3.65e-03	-3.88e-05	-1.35e-06	-2.45e-05
713	51	-4.18e-03	0.02	-1.65e-03	-6.46e-05	-2.51e-06	-3.32e-05
713	71	-8.49e-03	0.01	-3.21e-03	-5.49e-05	-2.06e-06	-3.29e-05
713	72	-7.88e-03	9.30e-03	-3.46e-03	-3.74e-05	-1.30e-06	-2.34e-05
713	83	-3.92e-03	0.02	-1.63e-03	-6.10e-05	-2.36e-06	-3.13e-05
714	7	-0.02	0.03	-5.52e-03	-1.07e-04	-6.77e-06	-4.17e-05
714	8	-0.02	0.02	-6.11e-03	-6.88e-05	-4.32e-06	-2.46e-05
714	19	-9.09e-03	0.04	-2.05e-03	-1.20e-04	-7.74e-06	-4.12e-05
714	39	-0.01	0.02	-3.52e-03	-6.94e-05	-2.40e-06	-2.40e-05
714	40	-0.01	0.01	-3.80e-03	-5.18e-05	-3.40e-06	-1.60e-05
714	51	-4.76e-03	0.02	-1.87e-03	-7.55e-05	-4.98e-06	-2.36e-05
714	71	-0.01	0.02	-3.36e-03	-6.66e-05	-4.38e-06	-2.27e-05
714	72	-9.42e-03	0.01	-3.62e-03	-5.04e-05	-3.33e-06	-1.54e-05
714	83	-4.42e-03	0.02	-1.85e-03	-7.21e-05	-4.77e-06	-2.23e-05
715	7	-0.01	0.03	-7.55e-03	-1.24e-04	-5.14e-06	-6.87e-05
715	8	-0.01	0.01	-8.31e-03	-7.08e-05	-2.94e-06	-4.82e-05
715	27	-6.55e-03	0.03	-1.91e-03	-1.36e-04	-5.64e-06	-6.65e-05
715	39	-7.20e-03	0.01	-4.20e-03	-7.22e-05	-2.99e-06	-4.36e-05
715	40	-6.67e-03	9.18e-03	-4.55e-03	-4.74e-05	-1.96e-06	-3.41e-05
715	59	-3.59e-03	0.02	-1.51e-03	-7.73e-05	-3.20e-06	-4.23e-05
715	71	-6.67e-03	0.01	-3.94e-03	-6.83e-05	-3.03e-06	-4.17e-05
715	72	-6.19e-03	8.82e-03	-4.27e-03	-4.55e-05	-1.89e-06	-3.30e-05
715	91	-3.37e-03	0.01	-1.48e-03	-7.29e-05	-3.02e-06	-4.05e-05
716	7	-0.01	0.02	-5.13e-03	-1.17e-04	-5.68e-06	-5.89e-05
716	8	-0.01	0.01	-5.69e-03	-6.55e-05	-3.15e-06	-3.89e-05
716	27	-6.41e-03	0.03	-1.49e-03	-1.29e-04	-6.24e-06	-5.74e-05
716	39	-7.04e-03	0.01	-3.05e-03	-6.75e-05	-3.21e-06	-3.49e-05
716	40	-6.51e-03	8.14e-03	-3.31e-03	-4.35e-05	-2.03e-06	-2.56e-05
716	59	-3.48e-03	0.01	-1.32e-03	-7.28e-05	-3.45e-06	-3.40e-05
716	71	-6.51e-03	0.01	-2.89e-03	-6.38e-05	-3.03e-06	-3.31e-05
716	72	-6.03e-03	7.81e-03	-3.13e-03	-4.18e-05	-1.94e-06	-2.45e-05
716	91	-3.25e-03	0.01	-1.31e-03	-6.86e-05	-3.24e-06	-3.22e-05
717	7	-0.01	0.02	-6.74e-03	-1.40e-04	-5.81e-06	-5.23e-05
717	8	-9.73e-03	0.01	-7.43e-03	-7.97e-05	-3.30e-06	-3.57e-05
717	27	-5.00e-03	0.02	-1.69e-03	-1.53e-04	-6.36e-06	-5.11e-05
717	39	-5.43e-03	0.01	-3.75e-03	-8.10e-05	-3.36e-06	-3.25e-05
717	40	-5.02e-03	7.17e-03	-4.07e-03	-5.28e-05	-2.19e-06	-2.48e-05
717	59	-2.75e-03	0.01	-1.35e-03	-8.66e-05	-3.59e-06	-3.18e-05
717	71	-5.03e-03	0.01	-3.52e-03	-7.66e-05	-3.17e-06	-3.10e-05
717	72	-4.66e-03	6.89e-03	-3.82e-03	-5.07e-05	-2.10e-06	-2.39e-05
717	91	-2.58e-03	0.01	-1.32e-03	-8.16e-05	-3.38e-06	-3.03e-05
718	7	-0.01	0.02	-4.73e-03	-1.28e-04	-6.84e-06	-4.91e-05
718	8	-9.52e-03	9.65e-03	-5.24e-03	-7.12e-05	-3.87e-06	-3.25e-05
718	27	-4.89e-03	0.02	-1.33e-03	-1.41e-04	-7.34e-06	-4.78e-05
718	39	-5.30e-03	0.01	-2.77e-03	-7.33e-05	-3.82e-06	-2.92e-05
718	40	-4.89e-03	6.36e-03	-3.01e-03	-4.69e-05	-2.43e-06	-2.14e-05
718	59	-2.66e-03	0.01	-1.16e-03	-7.92e-05	-4.03e-06	-2.83e-05
718	71	-4.91e-03	9.78e-03	-2.62e-03	-6.92e-05	-3.59e-06	-2.76e-05
718	72	-4.53e-03	6.10e-03	-2.84e-03	-4.50e-05	-2.32e-06	-2.05e-05
718	91	-2.49e-03	0.01	-1.14e-03	-7.45e-05	-3.78e-06	-2.69e-05
719	7	-7.74e-03	0.01	-5.72e-03	-1.40e-04	-5.80e-06	-3.78e-05
719	8	-7.07e-03	7.73e-03	-6.31e-03	-7.79e-05	-3.23e-06	-2.54e-05
719	27	-3.71e-03	0.02	-1.42e-03	-1.54e-04	-6.40e-06	-3.69e-05
719	39	-3.98e-03	8.22e-03	-3.18e-03	-8.02e-05	-3.33e-06	-2.31e-05
719	40	-3.66e-03	5.09e-03	-3.46e-03	-5.13e-05	-2.13e-06	-1.73e-05
719	59	-2.04e-03	9.05e-03	-1.14e-03	-8.65e-05	-3.58e-06	-2.25e-05
719	71	-3.69e-03	7.75e-03	-2.99e-03	-7.57e-05	-3.14e-06	-2.19e-05
719	72	-3.40e-03	4.89e-03	-3.24e-03	-4.92e-05	-2.04e-06	-1.67e-05
719	91	-1.92e-03	8.51e-03	-1.11e-03	-8.14e-05	-3.38e-06	-2.14e-05
720	7	-7.55e-03	0.01	-4.08e-03	-1.28e-04	-6.98e-06	-3.67e-05
720	8	-6.89e-03	6.86e-03	-4.52e-03	-6.97e-05	-3.89e-06	-2.40e-05
720	27	-3.61e-03	0.02	-1.13e-03	-1.42e-04	-7.53e-06	-3.58e-05
720	39	-3.86e-03	7.44e-03	-2.38e-03	-7.27e-05	-3.87e-06	-2.16e-05
720	40	-3.55e-03	4.51e-03	-2.58e-03	-4.57e-05	-2.43e-06	-1.58e-05
720	59	-1.97e-03	8.29e-03	-9.72e-04	-7.91e-05	-4.09e-06	-2.11e-05
720	71	-3.58e-03	7.01e-03	-2.25e-03	-6.85e-05	-3.63e-06	-2.05e-05
720	72	-3.29e-03	4.33e-03	-2.43e-03	-4.38e-05	-2.31e-06	-1.51e-05
720	91	-1.85e-03	7.78e-03	-9.59e-04	-7.44e-05	-2.84e-06	-2.00e-05
721	7	-5.31e-03	9.07e-03	-4.53e-03	-1.27e-04	-5.27e-06	-2.38e-05
721	8	-4.82e-03	4.80e-03	-5.01e-03	-6.95e-05	-2.88e-06	-1.59e-05
721	27	-2.60e-03	0.01	-1.11e-03	-1.42e-04	-5.87e-06	-2.31e-05
721	39	-2.73e-03	5.15e-03	-2.52e-03	-7.23e-05	-3.00e-06	-1.44e-05
721	40	-2.51e-03	3.16e-03	-2.75e-03	-4.54e-05	-1.88e-06	-1.07e-05
721	59	-1.44e-03	5.70e-03	-8.96e-04	-7.86e-05	-3.26e-06	-1.39e-05

721	71	-2.54e-03	4.85e-03	-2.37e-03	-6.81e-05	-2.83e-06	-1.36e-05
721	72	-2.33e-03	3.03e-03	-2.58e-03	-4.35e-05	-1.81e-06	-1.03e-05
721	91	-1.35e-03	5.35e-03	-8.79e-04	-7.39e-05	-3.06e-06	-1.33e-05
722	7	-5.12e-03	8.24e-03	-3.24e-03	-1.16e-04	-6.41e-06	-2.41e-05
722	8	-4.64e-03	4.25e-03	-3.59e-03	-6.20e-05	-3.52e-06	-1.57e-05
722	27	-2.50e-03	9.52e-03	-8.89e-04	-1.30e-04	-6.96e-06	-2.36e-05
722	39	-2.62e-03	4.65e-03	-1.88e-03	-6.55e-05	-3.53e-06	-1.42e-05
722	40	-2.40e-03	2.79e-03	-2.05e-03	-4.05e-05	-2.18e-06	-1.03e-05
722	59	-1.37e-03	5.21e-03	-7.62e-04	-7.19e-05	-3.76e-06	-1.38e-05
722	71	-2.43e-03	4.38e-03	-1.78e-03	-6.17e-05	-3.31e-06	-1.34e-05
722	72	-2.22e-03	2.67e-03	-1.93e-03	-3.88e-05	-2.08e-06	-9.83e-06
722	91	-1.28e-03	4.89e-03	-7.51e-04	-6.76e-05	-3.52e-06	-1.31e-05
723	7	-3.19e-03	4.48e-03	-3.17e-03	-1.01e-04	-4.18e-06	-1.18e-05
723	8	-2.87e-03	2.35e-03	-3.51e-03	-5.42e-05	-2.25e-06	-8.04e-06
723	27	-1.61e-03	5.14e-03	-7.69e-04	-1.13e-04	-4.69e-06	-1.14e-05
723	39	-1.65e-03	2.54e-03	-1.77e-03	-5.69e-05	-2.36e-06	-7.15e-06
723	40	-1.50e-03	1.54e-03	-1.93e-03	-3.52e-05	-1.46e-06	-5.38e-06
723	59	-8.95e-04	2.82e-03	-6.25e-04	-6.23e-05	-2.58e-06	-6.87e-06
723	71	-1.53e-03	2.39e-03	-1.66e-03	-5.36e-05	-2.22e-06	-6.79e-06
723	72	-1.40e-03	1.48e-03	-1.81e-03	-3.38e-05	-1.40e-06	-5.17e-06
723	91	-8.41e-04	2.65e-03	-6.14e-04	-5.85e-05	-2.42e-06	-6.54e-06
724	7	-3.00e-03	4.06e-03	-2.24e-03	-9.16e-05	-5.13e-06	-1.29e-05
724	8	-2.70e-03	2.06e-03	-2.49e-03	-4.82e-05	-2.78e-06	-8.37e-06
724	27	-1.51e-03	4.72e-03	-6.13e-04	-1.04e-04	-5.59e-06	-1.27e-05
724	39	-1.55e-03	2.28e-03	-1.30e-03	-5.15e-05	-2.80e-06	-7.58e-06
724	40	-1.40e-03	1.35e-03	-1.42e-03	-3.13e-05	-1.71e-06	-5.46e-06
724	59	-8.30e-04	2.57e-03	-5.26e-04	-5.70e-05	-3.00e-06	-7.42e-06
724	71	-1.43e-03	2.15e-03	-1.23e-03	-4.85e-05	-2.63e-06	-7.17e-06
724	72	-1.30e-03	1.30e-03	-1.33e-03	-3.00e-05	-1.63e-06	-5.23e-06
724	91	-7.78e-04	2.41e-03	-5.19e-04	-5.35e-05	-2.81e-06	-7.02e-06
725	8	-1.33e-03	6.43e-04	-1.78e-03	-3.18e-05	-1.32e-06	-2.71e-06
725	27	-2.20e-04	1.44e-03	-3.93e-04	-6.72e-05	-2.79e-06	-3.85e-06
725	40	-6.98e-04	4.24e-04	-9.83e-04	-2.05e-05	0.0	-1.77e-06
725	59	-1.70e-04	7.92e-04	-3.22e-04	-3.68e-05	-1.53e-06	-2.28e-06
725	72	-6.49e-04	4.07e-04	-9.21e-04	-1.97e-05	0.0	-1.70e-06
725	91	-1.65e-04	7.44e-04	-3.17e-04	-3.45e-05	-1.43e-06	-2.16e-06
726	8	-1.24e-03	5.52e-04	-1.27e-03	-2.80e-05	-1.68e-06	-2.85e-06
726	27	-1.84e-04	1.31e-03	-3.14e-04	-6.18e-05	-3.42e-06	-4.45e-06
726	40	-6.42e-04	3.63e-04	-7.25e-04	-1.81e-05	-1.02e-06	-1.85e-06
726	59	-1.40e-04	7.10e-04	-2.70e-04	-3.36e-05	-1.82e-06	-2.58e-06
726	72	-5.96e-04	3.49e-04	-6.83e-04	-1.73e-05	0.0	-1.77e-06
726	91	-1.37e-04	6.66e-04	-2.66e-04	-3.15e-05	-1.70e-06	-2.44e-06
727	1	0.0	0.0	0.0	0.0	0.0	0.0
727	33	0.0	0.0	0.0	0.0	0.0	0.0
727	65	0.0	0.0	0.0	0.0	0.0	0.0
728	7	-0.02	0.03	-3.67e-03	-1.04e-04	6.20e-06	-5.17e-05
728	8	-0.02	0.01	-4.11e-03	-6.14e-05	2.75e-06	-3.13e-05
728	19	-7.21e-03	0.03	-1.44e-03	-1.19e-04	6.95e-06	-4.74e-05
728	39	-8.56e-03	0.01	-2.46e-03	-6.29e-05	3.08e-06	-2.71e-05
728	40	-7.91e-03	9.05e-03	-2.66e-03	-4.30e-05	1.51e-06	-1.76e-05
728	51	-3.85e-03	0.02	-1.40e-03	-6.97e-05	3.40e-06	-2.48e-05
728	71	-7.91e-03	0.01	-2.36e-03	-5.98e-05	2.85e-06	-2.52e-05
728	72	-7.32e-03	8.70e-03	-2.55e-03	-4.16e-05	1.42e-06	-1.65e-05
728	83	-3.60e-03	0.02	-1.39e-03	-6.60e-05	3.14e-06	-2.31e-05
729	7	-0.02	0.03	-4.19e-03	-1.02e-04	2.27e-05	-4.98e-05
729	8	-0.02	0.02	-4.64e-03	-6.29e-05	8.52e-06	-3.08e-05
729	19	-8.53e-03	0.03	-1.75e-03	-1.17e-04	2.71e-05	-4.41e-05
729	39	-0.01	0.02	-2.83e-03	-6.39e-05	9.44e-06	-2.55e-05
729	40	-9.41e-03	0.01	-3.04e-03	-4.55e-05	2.83e-06	-1.66e-05
729	51	-4.50e-03	0.02	-1.67e-03	-7.05e-05	1.14e-05	-2.25e-05
729	71	-9.40e-03	0.02	-2.72e-03	-6.10e-05	8.44e-06	-2.37e-05
729	72	-8.69e-03	0.01	-2.92e-03	-4.42e-05	2.38e-06	-1.55e-05
729	83	-4.19e-03	0.02	-1.66e-03	-6.70e-05	1.02e-05	-2.09e-05
730	7	-0.01	0.02	-3.43e-03	-1.11e-04	-2.39e-05	-5.23e-05
730	8	-0.01	0.01	-3.84e-03	-6.31e-05	-1.29e-05	-3.26e-05
730	19	-5.78e-03	0.02	-1.26e-03	-1.28e-04	-2.40e-05	-4.82e-05
730	39	-6.78e-03	0.01	-2.23e-03	-6.52e-05	-1.13e-05	-2.85e-05
730	40	-6.25e-03	7.38e-03	-2.43e-03	-4.26e-05	-6.14e-06	-1.93e-05
730	51	-3.11e-03	0.01	-1.20e-03	-7.23e-05	-1.12e-05	-2.63e-05
730	71	-6.27e-03	0.01	-2.14e-03	-6.17e-05	-1.03e-05	-2.67e-05
730	72	-5.79e-03	7.09e-03	-2.32e-03	-4.10e-05	-5.62e-06	-1.83e-05
730	83	-2.91e-03	0.01	-1.20e-03	-6.82e-05	-1.03e-05	-2.47e-05
731	7	-0.01	0.02	-3.17e-03	-1.17e-04	-3.93e-05	-4.53e-05
731	8	-9.33e-03	8.59e-03	-3.54e-03	-6.45e-05	-2.25e-05	-2.87e-05
731	27	-4.78e-03	0.02	-1.05e-03	-1.31e-04	-3.83e-05	-4.38e-05
731	39	-5.17e-03	9.43e-03	-2.01e-03	-6.76e-05	-1.95e-05	-2.53e-05
731	40	-4.76e-03	5.68e-03	-2.19e-03	-4.29e-05	-1.17e-05	-1.76e-05

731	59	-2.57e-03	0.01	-1.01e-03	-7.37e-05	-1.88e-05	-2.44e-05
731	71	-4.78e-03	8.89e-03	-1.92e-03	-6.38e-05	-1.80e-05	-2.38e-05
731	72	-4.40e-03	5.45e-03	-2.08e-03	-4.12e-05	-1.08e-05	-1.67e-05
731	91	-2.40e-03	9.95e-03	-1.00e-03	-6.94e-05	-1.74e-05	-2.29e-05
732	7	-7.43e-03	0.01	-2.78e-03	-1.16e-04	-4.50e-05	-3.46e-05
732	8	-6.76e-03	6.06e-03	-3.10e-03	-6.20e-05	-2.62e-05	-2.20e-05
732	27	-3.54e-03	0.01	-8.93e-04	-1.31e-04	-4.35e-05	-3.36e-05
732	39	-3.77e-03	6.72e-03	-1.74e-03	-6.59e-05	-2.25e-05	-1.95e-05
732	40	-3.46e-03	4.00e-03	-1.89e-03	-4.09e-05	-1.38e-05	-1.36e-05
732	59	-1.91e-03	7.60e-03	-8.40e-04	-7.26e-05	-2.16e-05	-1.89e-05
732	71	-3.49e-03	6.33e-03	-1.66e-03	-6.22e-05	-2.08e-05	-1.84e-05
732	72	-3.20e-03	3.84e-03	-1.79e-03	-3.93e-05	-1.28e-05	-1.30e-05
732	91	-1.79e-03	7.13e-03	-8.35e-04	-6.83e-05	-2.00e-05	-1.78e-05
733	7	-5.03e-03	7.43e-03	-2.23e-03	-1.04e-04	-4.36e-05	-2.30e-05
733	8	-4.55e-03	3.73e-03	-2.49e-03	-5.45e-05	-2.52e-05	-1.45e-05
733	27	-2.45e-03	8.73e-03	-7.06e-04	-1.19e-04	-4.25e-05	-2.25e-05
733	39	-2.56e-03	4.18e-03	-1.38e-03	-5.89e-05	-2.19e-05	-1.30e-05
733	40	-2.33e-03	2.45e-03	-1.50e-03	-3.58e-05	-1.33e-05	-9.08e-06
733	59	-1.32e-03	4.75e-03	-6.55e-04	-6.56e-05	-2.11e-05	-1.27e-05
733	71	-2.37e-03	3.93e-03	-1.32e-03	-5.55e-05	-1.22e-05	-1.22e-05
733	72	-2.16e-03	2.35e-03	-1.43e-03	-3.43e-05	-1.24e-05	-8.65e-06
733	91	-1.24e-03	4.46e-03	-6.51e-04	-6.16e-05	-1.95e-05	-1.19e-05
734	7	-2.95e-03	3.63e-03	-1.56e-03	-8.18e-05	-3.66e-05	-1.22e-05
734	8	-2.65e-03	1.79e-03	-1.74e-03	-4.19e-05	-2.09e-05	-7.66e-06
734	27	-1.48e-03	4.30e-03	-4.90e-04	-9.47e-05	-3.61e-05	-1.20e-05
734	39	-1.51e-03	2.03e-03	-9.63e-04	-4.60e-05	-1.84e-05	-6.90e-06
734	40	-1.36e-03	1.17e-03	-1.05e-03	-2.74e-05	-1.10e-05	-4.81e-06
734	59	-7.99e-04	2.33e-03	-4.52e-04	-5.16e-05	-1.79e-05	-6.77e-06
734	71	-1.40e-03	1.91e-03	-9.17e-04	-4.33e-05	-1.70e-05	-6.51e-06
734	72	-1.26e-03	1.13e-03	-9.92e-04	-2.62e-05	-1.03e-05	-4.59e-06
734	91	-7.48e-04	2.18e-03	-4.49e-04	-4.84e-05	-1.66e-05	-6.38e-06
735	8	-1.25e-03	4.67e-04	-9.04e-04	-2.38e-05	-1.29e-05	-2.44e-06
735	27	-1.67e-04	1.18e-03	-2.54e-04	-5.53e-05	-2.28e-05	-3.88e-06
735	40	-6.37e-04	3.08e-04	-5.42e-04	-1.54e-05	-6.82e-06	-1.54e-06
735	59	-1.25e-04	6.35e-04	-2.34e-04	-2.99e-05	-1.13e-05	-2.20e-06
735	72	-5.90e-04	2.96e-04	-5.14e-04	-1.48e-05	-6.35e-06	-1.47e-06
735	91	-1.21e-04	5.95e-04	-2.32e-04	-2.80e-05	-1.05e-05	-2.07e-06
736	1	0.0	0.0	0.0	0.0	0.0	0.0
736	33	0.0	0.0	0.0	0.0	0.0	0.0
736	65	0.0	0.0	0.0	0.0	0.0	0.0
737	7	-0.02	0.02	-2.55e-03	-1.06e-04	-6.51e-06	-4.99e-05
737	8	-0.01	0.01	-2.87e-03	-6.27e-05	-2.81e-06	-3.09e-05
737	19	-6.83e-03	0.03	-1.19e-03	-1.21e-04	2.56e-06	-4.40e-05
737	39	-8.02e-03	0.01	-1.89e-03	-6.42e-05	-3.78e-06	-2.56e-05
737	40	-7.38e-03	8.48e-03	-2.04e-03	-4.42e-05	-2.11e-06	-1.67e-05
737	51	-3.63e-03	0.02	-1.24e-03	-7.11e-05	0.0	-2.26e-05
737	71	-7.41e-03	0.01	-1.84e-03	-6.11e-05	-3.59e-06	-2.37e-05
737	72	-6.83e-03	8.17e-03	-1.98e-03	-4.28e-05	-2.06e-06	-1.56e-05
737	83	-3.38e-03	0.01	-1.25e-03	-6.73e-05	0.0	-2.10e-05
738	7	-0.02	0.03	-2.99e-03	-1.05e-04	-6.37e-06	-4.99e-05
738	8	-0.02	0.01	-3.33e-03	-6.35e-05	-2.10e-06	-3.11e-05
738	19	-8.05e-03	0.03	-1.47e-03	-1.20e-04	-8.26e-06	-4.36e-05
738	39	-9.47e-03	0.02	-2.21e-03	-6.46e-05	-3.50e-06	-2.55e-05
738	40	-8.72e-03	0.01	-2.37e-03	-4.54e-05	-1.55e-06	-1.67e-05
738	51	-4.27e-03	0.02	-1.49e-03	-7.12e-05	-4.34e-06	-2.22e-05
738	71	-8.74e-03	0.02	-2.15e-03	-6.15e-05	-3.29e-06	-2.36e-05
738	72	-8.06e-03	9.90e-03	-2.30e-03	-4.40e-05	-1.51e-06	-1.55e-05
738	83	-3.98e-03	0.02	-1.49e-03	-6.76e-05	-4.06e-06	-2.06e-05
739	7	-0.01	0.02	-2.26e-03	-1.10e-04	1.39e-05	-4.88e-05
739	8	-0.01	0.01	-2.56e-03	-6.23e-05	8.57e-06	-3.02e-05
739	19	-5.57e-03	0.02	-1.00e-03	-1.26e-04	1.11e-05	-4.33e-05
739	39	-6.48e-03	0.01	-1.65e-03	-6.47e-05	5.75e-06	-2.55e-05
739	40	-5.96e-03	6.77e-03	-1.80e-03	-4.27e-05	3.26e-06	-1.68e-05
739	51	-2.97e-03	0.01	-1.06e-03	-7.20e-05	4.34e-06	-2.27e-05
739	71	-5.99e-03	0.01	-1.61e-03	-6.14e-05	5.13e-06	-2.37e-05
739	72	-5.51e-03	6.52e-03	-1.74e-03	-4.12e-05	2.85e-06	-1.58e-05
739	83	-2.77e-03	0.01	-1.06e-03	-6.80e-05	3.83e-06	-2.11e-05
740	7	-9.97e-03	0.02	-2.05e-03	-1.12e-04	3.03e-05	-4.24e-05
740	8	-9.09e-03	7.64e-03	-2.32e-03	-6.15e-05	1.84e-05	-2.64e-05
740	27	-4.67e-03	0.02	-8.42e-04	-1.27e-04	2.65e-05	-4.03e-05
740	39	-5.02e-03	8.61e-03	-1.46e-03	-6.50e-05	1.40e-05	-2.26e-05
740	40	-4.60e-03	5.12e-03	-1.59e-03	-4.13e-05	8.47e-06	-1.51e-05
740	59	-2.48e-03	9.80e-03	-8.91e-04	-7.13e-05	1.21e-05	-2.14e-05
740	71	-4.64e-03	8.11e-03	-1.42e-03	-6.15e-05	1.28e-05	-2.11e-05
740	72	-4.26e-03	4.93e-03	-1.54e-03	-3.97e-05	7.69e-06	-1.42e-05
740	91	-2.31e-03	9.21e-03	-8.94e-04	-6.72e-05	1.10e-05	-2.00e-05
741	7	-7.33e-03	0.01	-1.80e-03	-1.09e-04	3.66e-05	-3.24e-05

741	8	-6.66e-03	5.34e-03	-2.04e-03	-5.78e-05	2.22e-05	-2.02e-05
741	27	-3.49e-03	0.01	-7.09e-04	-1.25e-04	3.29e-05	-3.11e-05
741	39	-3.70e-03	6.08e-03	-1.26e-03	-6.23e-05	1.74e-05	-1.75e-05
741	40	-3.38e-03	3.56e-03	-1.37e-03	-3.84e-05	1.06e-05	-1.18e-05
741	59	-1.86e-03	6.98e-03	-7.37e-04	-6.92e-05	1.54e-05	-1.67e-05
741	71	-3.42e-03	5.73e-03	-1.21e-03	-5.88e-05	1.59e-05	-1.64e-05
741	72	-3.13e-03	3.42e-03	-1.32e-03	-3.69e-05	9.75e-06	-1.11e-05
741	91	-1.73e-03	6.55e-03	-7.38e-04	-6.51e-05	1.41e-05	-1.56e-05
742	7	-5.00e-03	6.67e-03	-1.47e-03	-9.77e-05	3.64e-05	-2.14e-05
742	8	-4.51e-03	3.24e-03	-1.66e-03	-5.03e-05	2.17e-05	-1.32e-05
742	27	-2.43e-03	7.99e-03	-5.62e-04	-1.13e-04	3.35e-05	-2.07e-05
742	39	-2.53e-03	3.75e-03	-1.01e-03	-5.52e-05	1.75e-05	-1.16e-05
742	40	-2.30e-03	2.16e-03	-1.09e-03	-3.31e-05	1.06e-05	-7.83e-06
742	59	-1.29e-03	4.34e-03	-5.73e-04	-6.20e-05	1.59e-05	-1.12e-05
742	71	-2.34e-03	3.53e-03	-9.71e-04	-5.20e-05	1.60e-05	-1.09e-05
742	72	-2.13e-03	2.07e-03	-1.05e-03	-3.18e-05	9.76e-06	-7.41e-06
742	91	-1.21e-03	4.07e-03	-5.73e-04	-5.82e-05	1.46e-05	-1.05e-05
743	7	-2.98e-03	3.23e-03	-1.06e-03	-7.62e-05	3.06e-05	-1.11e-05
743	8	-2.67e-03	1.54e-03	-1.19e-03	-3.83e-05	1.79e-05	-6.82e-06
743	27	-1.48e-03	3.92e-03	-3.94e-04	-8.93e-05	2.88e-05	-1.08e-05
743	39	-1.51e-03	1.81e-03	-7.10e-04	-4.27e-05	1.48e-05	-6.05e-06
743	40	-1.36e-03	1.02e-03	-7.71e-04	-2.50e-05	8.84e-06	-4.07e-06
743	59	-7.89e-04	2.12e-03	-3.96e-04	-4.85e-05	1.38e-05	-5.89e-06
743	71	-1.39e-03	1.70e-03	-6.84e-04	-4.02e-05	1.36e-05	-5.67e-06
743	72	-1.26e-03	9.81e-04	-7.40e-04	-2.40e-05	8.14e-06	-3.86e-06
743	91	-7.36e-04	1.98e-03	-3.96e-04	-4.55e-05	1.26e-05	-5.52e-06
744	8	-1.29e-03	3.93e-04	-6.31e-04	-2.14e-05	1.07e-05	-2.12e-06
744	27	-1.60e-04	1.07e-03	-2.07e-04	-5.18e-05	1.80e-05	-3.43e-06
744	40	-6.55e-04	2.63e-04	-4.07e-04	-1.39e-05	5.35e-06	-1.27e-06
744	59	-1.16e-04	5.72e-04	-2.06e-04	-2.78e-05	8.61e-06	-1.86e-06
744	72	-6.06e-04	2.53e-04	-3.90e-04	-1.33e-05	4.93e-06	-1.20e-06
744	91	-1.12e-04	5.36e-04	-2.06e-04	-2.61e-05	7.91e-06	-1.74e-06
745	1	0.0	0.0	0.0	0.0	0.0	0.0
745	33	0.0	0.0	0.0	0.0	0.0	0.0
745	65	0.0	0.0	0.0	0.0	0.0	0.0
746	7	-0.02	0.02	-1.72e-03	-1.05e-04	-4.64e-06	-5.33e-05
746	8	-0.01	0.01	-1.96e-03	-6.20e-05	-2.79e-06	-3.43e-05
746	19	-6.48e-03	0.03	-9.96e-04	-1.21e-04	-5.28e-06	-4.49e-05
746	39	-7.50e-03	0.01	-1.46e-03	-6.40e-05	-2.79e-06	-2.74e-05
746	40	-6.89e-03	7.91e-03	-1.57e-03	-4.40e-05	-1.93e-06	-1.85e-05
746	51	-3.42e-03	0.01	-1.12e-03	-7.10e-05	-3.07e-06	-2.32e-05
746	71	-6.93e-03	0.01	-1.44e-03	-6.09e-05	-2.65e-06	-2.55e-05
746	72	-6.36e-03	7.64e-03	-1.54e-03	-4.26e-05	-1.86e-06	-1.73e-05
746	83	-3.19e-03	0.01	-1.13e-03	-6.73e-05	-2.91e-06	-2.16e-05
747	7	-0.02	0.03	-2.14e-03	-1.06e-04	-3.76e-06	-4.94e-05
747	8	-0.02	0.01	-2.39e-03	-6.36e-05	-2.24e-06	-3.18e-05
747	19	-7.65e-03	0.03	-1.27e-03	-1.20e-04	-4.70e-06	-4.30e-05
747	39	-8.86e-03	0.02	-1.77e-03	-6.49e-05	-2.39e-06	-2.55e-05
747	40	-8.14e-03	9.69e-03	-1.89e-03	-4.53e-05	-1.68e-06	-1.73e-05
747	51	-4.07e-03	0.02	-1.36e-03	-7.14e-05	-2.22e-06	-2.22e-05
747	71	-8.19e-03	0.01	-1.74e-03	-6.18e-05	-2.29e-06	-2.37e-05
747	72	-7.53e-03	9.36e-03	-1.85e-03	-4.39e-05	-1.64e-06	-1.61e-05
747	83	-3.80e-03	0.02	-1.37e-03	-6.77e-05	-2.68e-06	-2.07e-05
748	7	-0.01	0.02	-1.43e-03	-1.05e-04	-5.46e-06	-4.90e-05
748	12	-0.01	5.87e-03	-1.67e-03	-4.00e-05	-2.10e-06	-2.17e-05
748	19	-5.35e-03	0.02	-8.15e-04	-1.22e-04	-5.92e-06	-4.14e-05
748	39	-6.15e-03	0.01	-1.24e-03	-6.25e-05	-3.13e-06	-2.53e-05
748	40	-5.64e-03	6.21e-03	-1.35e-03	-4.13e-05	-2.08e-06	-1.70e-05
748	51	-2.82e-03	0.01	-9.45e-04	-7.02e-05	-3.32e-06	-2.14e-05
748	71	-5.68e-03	9.75e-03	-1.22e-03	-5.93e-05	-2.95e-06	-2.35e-05
748	72	-5.21e-03	5.99e-03	-1.32e-03	-3.99e-05	-1.99e-06	-1.59e-05
748	83	-2.63e-03	0.01	-9.54e-04	-6.63e-05	-3.13e-06	-1.99e-05
749	7	-9.70e-03	0.01	-1.28e-03	-1.03e-04	-5.78e-06	-4.07e-05
749	8	-8.81e-03	6.76e-03	-1.49e-03	-5.56e-05	-3.27e-06	-2.56e-05
749	19	-4.27e-03	0.02	-6.89e-04	-1.21e-04	-6.26e-06	-3.48e-05
749	39	-4.85e-03	7.86e-03	-1.08e-03	-6.04e-05	-3.23e-06	-2.11e-05
749	40	-4.44e-03	4.63e-03	-1.18e-03	-3.83e-05	-2.06e-06	-1.41e-05
749	51	-2.25e-03	9.13e-03	-8.00e-04	-6.86e-05	-3.43e-06	-1.82e-05
749	71	-4.48e-03	7.42e-03	-1.06e-03	-5.72e-05	-3.04e-06	-1.97e-05
749	72	-4.10e-03	4.46e-03	-1.15e-03	-3.69e-05	-1.97e-06	-1.32e-05
749	83	-2.10e-03	8.58e-03	-8.08e-04	-6.47e-05	-2.22e-06	-1.69e-05
750	7	-7.24e-03	9.68e-03	-1.13e-03	-9.83e-05	-5.76e-06	-3.06e-05
750	8	-6.55e-03	4.67e-03	-1.31e-03	-5.10e-05	-3.15e-06	-1.90e-05
750	27	-3.45e-03	0.01	-5.73e-04	-1.15e-04	-6.26e-06	-2.87e-05
750	39	-3.63e-03	5.51e-03	-9.19e-04	-5.67e-05	-3.17e-06	-1.60e-05
750	40	-3.30e-03	3.18e-03	-1.00e-03	-3.47e-05	-1.95e-06	-1.06e-05
750	59	-1.81e-03	6.44e-03	-6.58e-04	-6.41e-05	-3.38e-06	-1.50e-05

750	71	-3.35e-03	5.20e-03	-9.03e-04	-5.36e-05	-2.97e-06	-1.49e-05
750	72	-3.05e-03	3.06e-03	-9.81e-04	-3.34e-05	-1.86e-06	-9.95e-06
750	91	-1.68e-03	6.05e-03	-6.64e-04	-6.03e-05	-3.16e-06	-1.39e-05
751	7	-5.01e-03	5.96e-03	-9.35e-04	-8.68e-05	-5.23e-06	-1.99e-05
751	8	-4.51e-03	2.81e-03	-1.08e-03	-4.36e-05	-2.78e-06	-1.22e-05
751	27	-2.43e-03	7.32e-03	-4.53e-04	-1.03e-04	-5.76e-06	-1.89e-05
751	39	-2.51e-03	3.38e-03	-7.39e-04	-4.95e-05	-2.84e-06	-1.04e-05
751	40	-2.27e-03	1.91e-03	-8.06e-04	-2.93e-05	-1.70e-06	-6.88e-06
751	59	-1.27e-03	3.99e-03	-5.11e-04	-5.67e-05	-3.07e-06	-9.90e-06
751	71	-2.32e-03	3.18e-03	-7.24e-04	-4.67e-05	-2.66e-06	-9.73e-06
751	72	-2.10e-03	1.84e-03	-7.85e-04	-2.82e-05	-1.62e-06	-6.46e-06
751	91	-1.18e-03	3.74e-03	-5.15e-04	-5.33e-05	-2.87e-06	-9.23e-06
752	7	-3.04e-03	2.87e-03	-6.86e-04	-6.71e-05	-4.11e-06	-1.01e-05
752	8	-2.71e-03	1.31e-03	-7.87e-04	-3.27e-05	-2.13e-06	-6.15e-06
752	27	-1.51e-03	3.57e-03	-3.20e-04	-8.06e-05	-4.58e-06	-9.76e-06
752	39	-1.52e-03	1.62e-03	-5.27e-04	-3.79e-05	-2.21e-06	-5.33e-06
752	40	-1.37e-03	8.93e-04	-5.74e-04	-2.18e-05	-1.29e-06	-3.48e-06
752	59	-7.88e-04	1.93e-03	-3.54e-04	-4.39e-05	-2.42e-06	-5.11e-06
752	71	-1.41e-03	1.52e-03	-5.15e-04	-3.57e-05	-2.07e-06	-4.97e-06
752	72	-1.27e-03	8.60e-04	-5.58e-04	-2.10e-05	-1.23e-06	-3.28e-06
752	91	-7.34e-04	1.81e-03	-3.56e-04	-4.12e-05	-2.26e-06	-4.77e-06
753	8	-1.36e-03	3.30e-04	-4.31e-04	-1.81e-05	-1.20e-06	-1.87e-06
753	27	-1.57e-04	9.68e-04	-1.71e-04	-4.64e-05	-2.67e-06	-3.04e-06
753	40	-6.81e-04	2.26e-04	-3.08e-04	-1.20e-05	0.0	-1.06e-06
753	59	-1.09e-04	5.20e-04	-1.85e-04	-2.50e-05	-1.40e-06	-1.58e-06
753	72	-6.29e-04	2.18e-04	-2.99e-04	-1.15e-05	0.0	0.0
753	91	-1.05e-04	4.87e-04	-1.86e-04	-2.34e-05	-1.30e-06	-1.48e-06
754	1	0.0	0.0	0.0	0.0	0.0	0.0
754	33	0.0	0.0	0.0	0.0	0.0	0.0
754	65	0.0	0.0	0.0	0.0	0.0	0.0
755	7	-0.01	0.02	-1.17e-03	-1.01e-04	-2.63e-06	-6.18e-05
755	19	-6.12e-03	0.02	-8.48e-04	-1.17e-04	-3.80e-06	-4.89e-05
755	20	-2.69e-03	-9.40e-03	-1.51e-03	3.27e-05	1.18e-06	9.68e-06
755	39	-6.97e-03	0.01	-1.16e-03	-6.16e-05	-1.77e-06	-3.24e-05
755	51	-3.20e-03	0.01	-1.01e-03	-6.90e-05	-2.31e-06	-2.60e-05
755	52	-1.60e-03	-1.96e-03	-1.32e-03	0.0	0.0	1.30e-06
755	71	-6.43e-03	0.01	-1.16e-03	-5.87e-05	-1.71e-06	-3.02e-05
755	83	-2.98e-03	0.01	-1.02e-03	-6.54e-05	-2.20e-06	-2.43e-05
755	84	-1.51e-03	-1.42e-03	-1.30e-03	-1.32e-06	0.0	0.0
756	7	-0.02	0.02	-1.44e-03	-1.11e-04	-2.79e-06	-7.36e-05
756	19	-7.35e-03	0.03	-1.07e-03	-1.23e-04	-3.90e-06	-5.74e-05
756	24	-3.07e-03	-0.01	-1.75e-03	3.28e-05	1.04e-06	1.37e-05
756	39	-8.40e-03	0.01	-1.40e-03	-6.80e-05	-1.94e-06	-3.89e-05
756	51	-3.93e-03	0.02	-1.22e-03	-7.35e-05	-2.45e-06	-3.09e-05
756	56	-1.92e-03	-2.48e-03	-1.54e-03	0.0	0.0	2.27e-06
756	71	-7.76e-03	0.01	-1.39e-03	-6.48e-05	-1.87e-06	-3.63e-05
756	83	-3.67e-03	0.02	-1.24e-03	-6.98e-05	-2.34e-06	-2.89e-05
756	88	-1.83e-03	-1.79e-03	-1.52e-03	-3.24e-06	0.0	1.44e-06
757	7	-0.01	0.02	-1.04e-03	-9.64e-05	-2.55e-06	-5.04e-05
757	19	-5.16e-03	0.02	-7.27e-04	-1.16e-04	-3.73e-06	-4.07e-05
757	20	-2.22e-03	-7.99e-03	-1.37e-03	3.73e-05	1.27e-06	9.74e-06
757	39	-5.85e-03	9.45e-03	-1.02e-03	-5.83e-05	-1.70e-06	-2.61e-05
757	51	-2.69e-03	0.01	-8.77e-04	-6.70e-05	-2.25e-06	-2.14e-05
757	52	-1.32e-03	-1.86e-03	-1.18e-03	4.38e-06	0.0	2.17e-06
757	71	-5.40e-03	8.94e-03	-1.02e-03	-5.54e-05	-1.64e-06	-2.43e-05
757	83	-2.51e-03	0.01	-8.88e-04	-6.34e-05	-2.14e-06	-1.99e-05
757	84	-1.25e-03	-1.41e-03	-1.16e-03	1.97e-06	0.0	1.63e-06
758	7	-9.41e-03	0.01	-8.83e-04	-9.49e-05	-2.42e-06	-4.01e-05
758	19	-4.17e-03	0.02	-6.04e-04	-1.15e-04	-3.55e-06	-3.30e-05
758	20	-1.73e-03	-6.38e-03	-1.19e-03	4.11e-05	1.29e-06	8.84e-06
758	39	-4.69e-03	7.16e-03	-8.73e-04	-5.63e-05	-1.59e-06	-2.07e-05
758	51	-2.17e-03	8.53e-03	-7.43e-04	-6.52e-05	-2.12e-06	-1.71e-05
758	52	-1.04e-03	-1.61e-03	-1.01e-03	7.51e-06	0.0	2.35e-06
758	71	-4.32e-03	6.77e-03	-8.72e-04	-5.33e-05	-1.53e-06	-1.92e-05
758	83	-2.02e-03	8.03e-03	-7.53e-04	-6.15e-05	-2.01e-06	-1.60e-05
758	84	-9.80e-04	-1.26e-03	-1.00e-03	5.05e-06	0.0	1.88e-06
759	7	-7.14e-03	8.67e-03	-7.25e-04	-8.92e-05	-2.15e-06	-2.92e-05
759	19	-3.21e-03	0.01	-4.86e-04	-1.09e-04	-3.22e-06	-2.44e-05
759	20	-1.26e-03	-4.66e-03	-9.84e-04	4.22e-05	1.25e-06	7.01e-06
759	39	-3.56e-03	4.99e-03	-7.16e-04	-5.20e-05	-1.40e-06	-1.50e-05
759	51	-1.67e-03	5.98e-03	-6.05e-04	-6.09e-05	-1.90e-06	-1.26e-05
759	56	-6.97e-04	-1.46e-03	-8.36e-04	1.17e-05	0.0	2.84e-06
759	71	-3.28e-03	4.71e-03	-7.15e-04	-4.92e-05	-1.35e-06	-1.40e-05
759	83	-1.55e-03	5.62e-03	-6.13e-04	-5.73e-05	-1.80e-06	-1.18e-05
759	88	-6.63e-04	-1.19e-03	-8.26e-04	9.12e-06	0.0	2.41e-06
760	7	-5.02e-03	5.32e-03	-5.87e-04	-7.82e-05	-1.81e-06	-1.86e-05
760	24	-7.44e-04	-3.23e-03	-7.73e-04	4.33e-05	1.49e-06	5.84e-06

760	27	-2.43e-03	6.71e-03	-3.81e-04	-9.50e-05	-2.58e-06	-1.74e-05
760	39	-2.50e-03	3.04e-03	-5.64e-04	-4.50e-05	-1.17e-06	-9.57e-06
760	56	-4.66e-04	-9.62e-04	-6.50e-04	1.19e-05	0.0	1.94e-06
760	59	-1.26e-03	3.67e-03	-4.68e-04	-5.26e-05	-1.53e-06	-8.89e-06
760	71	-2.31e-03	2.87e-03	-5.63e-04	-4.25e-05	-1.12e-06	-8.88e-06
760	88	-4.44e-04	-7.96e-04	-6.41e-04	9.64e-06	0.0	1.66e-06
760	91	-1.17e-03	3.44e-03	-4.74e-04	-4.94e-05	-1.45e-06	-8.25e-06
761	8	-3.11e-03	1.12e-03	-5.17e-04	-2.83e-05	0.0	-5.66e-06
761	24	-1.40e-03	-1.61e-03	-5.42e-04	3.48e-05	1.20e-06	3.04e-06
761	27	-3.95e-04	3.26e-03	-2.67e-04	-7.40e-05	-1.97e-06	-8.84e-06
761	40	-1.54e-03	7.83e-04	-4.41e-04	-1.94e-05	0.0	-3.08e-06
761	56	-7.27e-04	-4.96e-04	-4.51e-04	1.02e-05	0.0	1.03e-06
761	59	-2.56e-04	1.77e-03	-3.23e-04	-4.04e-05	-1.15e-06	-4.50e-06
761	72	-1.42e-03	7.57e-04	-4.35e-04	-1.87e-05	0.0	-2.87e-06
761	88	-6.76e-04	-4.14e-04	-4.45e-04	8.43e-06	0.0	0.0
761	91	-2.45e-04	1.66e-03	-3.27e-04	-3.80e-05	-1.09e-06	-4.18e-06
762	4	-1.42e-03	2.79e-04	-2.91e-04	-1.57e-05	0.0	-1.78e-06
762	8	-1.43e-03	2.75e-04	-2.91e-04	-1.55e-05	0.0	-1.69e-06
762	27	-1.55e-04	8.83e-04	-1.43e-04	-4.24e-05	-1.12e-06	-2.71e-06
762	36	-7.04e-04	1.98e-04	-2.39e-04	-1.06e-05	0.0	0.0
762	40	-7.09e-04	1.96e-04	-2.39e-04	-1.06e-05	0.0	0.0
762	59	-1.04e-04	4.76e-04	-1.70e-04	-2.29e-05	0.0	-1.37e-06
762	68	-6.49e-04	1.91e-04	-2.35e-04	-1.02e-05	0.0	0.0
762	72	-6.54e-04	1.90e-04	-2.35e-04	-1.02e-05	0.0	0.0
762	91	-9.98e-05	4.46e-04	-1.72e-04	-2.15e-05	0.0	-1.27e-06
763	1	0.0	0.0	0.0	0.0	0.0	0.0
763	33	0.0	0.0	0.0	0.0	0.0	0.0
763	65	0.0	0.0	0.0	0.0	0.0	0.0
764	2	0.01	-9.67e-03	-1.58e-03	3.83e-05	5.47e-05	5.18e-05
764	7	-0.01	0.02	-6.40e-04	-8.46e-05	-6.25e-05	-6.68e-05
764	19	-5.84e-03	0.02	-7.04e-04	-1.07e-04	-4.03e-05	-5.07e-05
764	34	5.53e-03	-2.32e-03	-1.33e-03	5.41e-06	2.42e-05	2.10e-05
764	39	-6.55e-03	0.01	-8.86e-04	-5.26e-05	-3.16e-05	-3.55e-05
764	51	-3.02e-03	0.01	-9.19e-04	-6.26e-05	-2.09e-05	-2.75e-05
764	66	5.03e-03	-1.76e-03	-1.31e-03	2.93e-06	2.18e-05	1.86e-05
764	71	-6.04e-03	0.01	-9.05e-04	-5.02e-05	-2.93e-05	-3.31e-05
764	83	-2.81e-03	0.01	-9.35e-04	-5.93e-05	-2.58e-05	-2.58e-05
765	7	-0.01	0.02	-9.92e-04	-7.96e-05	-7.72e-05	-8.54e-05
765	18	5.41e-03	-0.02	-1.68e-03	5.57e-05	4.09e-05	4.30e-05
765	19	-6.27e-03	0.03	-9.43e-04	-1.02e-04	-4.65e-05	-6.22e-05
765	39	-7.00e-03	0.01	-1.16e-03	-4.99e-05	-3.83e-05	-4.57e-05
765	50	2.34e-03	-5.11e-03	-1.49e-03	1.36e-05	1.78e-05	1.52e-05
765	51	-3.20e-03	0.02	-1.14e-03	-6.02e-05	-2.34e-05	-3.43e-05
765	71	-6.45e-03	0.01	-1.17e-03	-4.76e-05	-3.53e-05	-4.26e-05
765	82	2.11e-03	-4.24e-03	-1.47e-03	1.05e-05	1.60e-05	1.31e-05
765	83	-2.97e-03	0.01	-1.15e-03	-5.70e-05	-2.17e-05	-3.22e-05
766	2	0.01	-8.01e-03	-1.44e-03	4.23e-05	4.62e-05	4.11e-05
766	7	-0.01	0.01	-5.27e-04	-8.62e-05	-5.14e-05	-5.15e-05
766	19	-4.97e-03	0.02	-5.92e-04	-1.08e-04	-3.63e-05	-4.04e-05
766	34	4.70e-03	-2.04e-03	-1.20e-03	8.04e-06	2.07e-05	1.71e-05
766	39	-5.56e-03	8.56e-03	-7.65e-04	-5.27e-05	-2.57e-05	-2.70e-05
766	51	-2.57e-03	0.01	-7.98e-04	-6.27e-05	-1.84e-05	-2.15e-05
766	66	4.27e-03	-1.59e-03	-1.18e-03	5.46e-06	1.88e-05	1.53e-05
766	71	-5.13e-03	8.12e-03	-7.83e-04	-5.01e-05	-2.38e-05	-2.51e-05
766	83	-2.39e-03	9.88e-03	-8.14e-04	-5.93e-05	-1.70e-05	-2.01e-05
767	2	8.39e-03	-6.27e-03	-1.25e-03	4.35e-05	4.34e-05	3.25e-05
767	7	-9.12e-03	0.01	-4.41e-04	-8.34e-05	-4.77e-05	-3.96e-05
767	19	-4.07e-03	0.01	-4.91e-04	-1.06e-04	-3.64e-05	-3.17e-05
767	34	3.83e-03	-1.68e-03	-1.03e-03	9.69e-06	1.97e-05	1.38e-05
767	39	-4.52e-03	6.47e-03	-6.52e-04	-5.02e-05	-2.37e-05	-2.05e-05
767	51	-2.10e-03	7.97e-03	-6.78e-04	-6.05e-05	-1.81e-05	-1.65e-05
767	66	3.49e-03	-1.34e-03	-1.02e-03	7.15e-06	1.79e-05	1.24e-05
767	71	-4.17e-03	6.13e-03	-6.68e-04	-4.77e-05	-2.18e-05	-1.90e-05
767	83	-1.95e-03	7.50e-03	-6.92e-04	-5.72e-05	-1.68e-05	-1.54e-05
768	2	6.47e-03	-4.50e-03	-1.01e-03	4.34e-05	4.19e-05	2.34e-05
768	7	-7.02e-03	7.72e-03	-3.80e-04	-7.84e-05	-4.57e-05	-2.81e-05
768	19	-3.17e-03	0.01	-4.00e-04	-1.00e-04	-3.66e-05	-2.29e-05
768	34	2.96e-03	-1.26e-03	-8.42e-04	1.10e-05	1.91e-05	1.01e-05
768	39	-3.48e-03	4.50e-03	-5.44e-04	-4.64e-05	-2.25e-05	-1.44e-05
768	51	-1.63e-03	5.57e-03	-5.55e-04	-5.63e-05	-1.80e-05	-1.18e-05
768	66	2.69e-03	-1.02e-03	-8.29e-04	8.58e-06	1.74e-05	9.08e-06
768	71	-3.21e-03	4.26e-03	-5.56e-04	-4.40e-05	-2.08e-05	-1.34e-05
768	83	-1.52e-03	5.24e-03	-5.67e-04	-5.31e-05	-1.66e-05	-1.10e-05
769	7	-5.01e-03	4.72e-03	-3.21e-04	-6.83e-05	-4.09e-05	-1.76e-05
769	18	4.43e-04	-4.27e-03	-7.55e-04	5.84e-05	1.23e-05	1.23e-05
769	19	-7.85e-04	6.20e-03	-3.11e-04	-8.77e-05	-3.39e-05	-1.45e-05
769	39	-2.48e-03	2.73e-03	-4.32e-04	-3.99e-05	-2.00e-05	-8.93e-06

769	50	1.30e-04	-1.48e-03	-6.37e-04	1.95e-05	1.41e-05	5.15e-06
769	51	-4.72e-04	3.41e-03	-4.29e-04	-4.87e-05	-1.65e-05	-7.39e-06
769	71	-2.29e-03	2.58e-03	-4.41e-04	-3.78e-05	-1.85e-05	-8.27e-06
769	82	1.05e-04	-1.27e-03	-6.28e-04	1.66e-05	1.28e-05	4.62e-06
769	83	-4.47e-04	3.20e-03	-4.37e-04	-4.59e-05	-1.52e-05	-6.86e-06
770	8	-3.16e-03	9.39e-04	-3.18e-04	-2.35e-05	-1.90e-05	-5.29e-06
770	18	2.45e-04	-2.10e-03	-5.12e-04	4.63e-05	2.52e-05	6.23e-06
770	19	-4.51e-04	3.00e-03	-2.18e-04	-6.74e-05	-2.69e-05	-7.21e-06
770	40	-1.56e-03	6.88e-04	-3.42e-04	-1.68e-05	-9.56e-06	-2.80e-06
770	50	6.83e-05	-7.39e-04	-4.33e-04	1.60e-05	1.14e-05	2.66e-06
770	51	-2.74e-04	1.64e-03	-2.96e-04	-3.71e-05	-1.31e-05	-3.64e-06
770	72	-1.44e-03	6.68e-04	-3.44e-04	-1.63e-05	-8.83e-06	-2.60e-06
770	82	5.40e-05	-6.38e-04	-4.28e-04	1.37e-05	1.04e-05	2.40e-06
770	83	-2.60e-04	1.54e-03	-3.02e-04	-3.48e-05	-1.20e-05	-3.37e-06
771	8	-1.49e-03	2.27e-04	-2.34e-04	-1.28e-05	-1.06e-05	-1.56e-06
771	20	-7.16e-04	-3.98e-04	-2.61e-04	1.76e-05	6.34e-06	0.0
771	27	-1.51e-04	8.07e-04	-1.35e-04	-3.81e-05	-1.75e-05	-2.46e-06
771	40	-7.32e-04	1.71e-04	-2.10e-04	-9.12e-06	-5.33e-06	0.0
771	51	-1.15e-04	4.39e-04	-1.63e-04	-2.08e-05	-7.54e-06	-1.08e-06
771	52	-3.63e-04	-1.21e-04	-2.23e-04	5.13e-06	2.68e-06	0.0
771	72	-6.74e-04	1.66e-04	-2.08e-04	-8.83e-06	-4.92e-06	0.0
771	83	-1.09e-04	4.12e-04	-1.65e-04	-1.96e-05	-6.94e-06	0.0
771	84	-3.36e-04	-1.01e-04	-2.20e-04	4.21e-06	2.42e-06	0.0
772	1	0.0	0.0	0.0	0.0	0.0	0.0
772	33	0.0	0.0	0.0	0.0	0.0	0.0
772	65	0.0	0.0	0.0	0.0	0.0	0.0
773	2	0.01	-8.06e-03	-1.60e-03	3.52e-05	-3.82e-05	5.01e-05
773	7	-0.01	0.02	-6.45e-04	-7.75e-05	3.96e-05	-6.50e-05
773	19	-5.55e-03	0.02	-7.37e-04	-1.02e-04	2.13e-05	-4.87e-05
773	34	5.26e-03	-1.68e-03	-1.35e-03	4.95e-06	-1.78e-05	2.02e-05
773	39	-6.11e-03	9.57e-03	-8.95e-04	-4.81e-05	1.93e-05	-3.46e-05
773	51	-2.84e-03	0.01	-9.41e-04	-5.92e-05	1.05e-05	-2.67e-05
773	66	4.78e-03	-1.20e-03	-1.33e-03	2.69e-06	-1.63e-05	1.79e-05
773	71	-5.63e-03	9.10e-03	-9.14e-04	-4.59e-05	1.78e-05	-3.23e-05
773	83	-2.63e-03	0.01	-9.57e-04	-5.60e-05	9.67e-06	-2.50e-05
774	2	0.01	-9.35e-03	-1.68e-03	3.29e-05	-2.82e-05	5.40e-05
774	7	-0.01	0.02	-9.89e-04	-7.58e-05	2.41e-05	-7.15e-05
774	19	-6.07e-03	0.03	-9.89e-04	-1.00e-04	1.34e-05	-5.26e-05
774	34	5.77e-03	-1.81e-03	-1.50e-03	3.68e-06	-1.34e-05	2.12e-05
774	39	-6.64e-03	0.01	-1.17e-03	-4.75e-05	1.15e-05	-3.86e-05
774	51	-3.09e-03	0.01	-1.17e-03	-5.88e-05	6.27e-06	-2.93e-05
774	66	5.25e-03	-1.24e-03	-1.48e-03	1.49e-06	-1.23e-05	1.87e-05
774	71	-6.12e-03	0.01	-1.18e-03	-4.54e-05	1.06e-05	-3.60e-05
774	83	-2.86e-03	0.01	-1.18e-03	-5.57e-05	5.74e-06	-2.76e-05
775	2	9.94e-03	-6.71e-03	-1.54e-03	3.79e-05	-4.24e-05	4.07e-05
775	7	-0.01	0.01	-4.17e-04	-7.86e-05	4.39e-05	-5.14e-05
775	19	-4.81e-03	0.02	-5.76e-04	-1.03e-04	2.67e-05	-3.97e-05
775	34	4.56e-03	-1.50e-03	-1.24e-03	6.76e-06	-1.99e-05	1.67e-05
775	39	-5.30e-03	7.68e-03	-7.09e-04	-4.82e-05	2.13e-05	-2.71e-05
775	51	-2.46e-03	9.76e-03	-7.87e-04	-5.92e-05	1.29e-05	-2.13e-05
775	66	4.15e-03	-1.11e-03	-1.22e-03	4.42e-06	-1.82e-05	1.49e-05
775	71	-4.88e-03	7.29e-03	-7.31e-04	-4.59e-05	1.95e-05	-2.52e-05
775	83	-2.28e-03	9.20e-03	-8.03e-04	-5.60e-05	1.19e-05	-1.99e-05
776	2	8.20e-03	-5.25e-03	-1.36e-03	3.98e-05	-3.95e-05	3.15e-05
776	7	-8.83e-03	9.75e-03	-3.09e-04	-7.74e-05	4.06e-05	-3.86e-05
776	19	-3.98e-03	0.01	-4.63e-04	-1.01e-04	2.70e-05	-3.06e-05
776	34	3.77e-03	-1.25e-03	-1.08e-03	8.52e-06	-1.86e-05	1.33e-05
776	39	-4.36e-03	5.81e-03	-5.83e-04	-4.67e-05	1.95e-05	-2.01e-05
776	51	-2.03e-03	7.42e-03	-6.58e-04	-5.76e-05	1.29e-05	-1.61e-05
776	66	3.43e-03	-9.53e-04	-1.06e-03	6.17e-06	-1.70e-05	1.19e-05
776	71	-4.01e-03	5.51e-03	-6.03e-04	-4.44e-05	1.79e-05	-1.87e-05
776	83	-1.89e-03	6.99e-03	-6.73e-04	-5.44e-05	1.18e-05	-1.50e-05
777	2	6.42e-03	-3.77e-03	-1.12e-03	3.93e-05	-3.68e-05	2.26e-05
777	7	-6.89e-03	6.82e-03	-2.44e-04	-7.24e-05	3.77e-05	-2.70e-05
777	19	-3.14e-03	9.34e-03	-3.68e-04	-9.53e-05	2.68e-05	-2.17e-05
777	34	2.95e-03	-9.43e-04	-8.93e-04	9.49e-06	-1.74e-05	9.71e-06
777	39	-3.40e-03	4.04e-03	-4.74e-04	-4.32e-05	1.80e-05	-1.38e-05
777	51	-1.60e-03	5.19e-03	-5.35e-04	-5.36e-05	1.27e-05	-1.12e-05
777	66	2.69e-03	-7.32e-04	-8.75e-04	7.25e-06	-1.59e-05	8.74e-06
777	71	-3.13e-03	3.83e-03	-4.91e-04	-4.10e-05	1.65e-05	-1.28e-05
777	83	-1.48e-03	4.88e-03	-5.47e-04	-5.05e-05	1.16e-05	-1.04e-05
778	2	4.19e-03	-2.34e-03	-8.54e-04	3.57e-05	-3.22e-05	1.42e-05
778	7	-4.99e-03	4.17e-03	-2.00e-04	-6.32e-05	3.29e-05	-1.66e-05
778	19	-7.30e-04	5.75e-03	-2.81e-04	-8.34e-05	2.45e-05	-1.35e-05
778	34	1.93e-03	-6.09e-04	-6.82e-04	9.43e-06	-1.53e-05	6.23e-06
778	39	-2.46e-03	2.45e-03	-3.71e-04	-3.72e-05	1.57e-05	-8.40e-06
778	51	-4.32e-04	3.18e-03	-4.11e-04	-4.64e-05	1.15e-05	-6.86e-06

778	66	1.75e-03	-4.79e-04	-6.68e-04	7.45e-06	-1.40e-05	5.63e-06
778	71	-2.26e-03	2.32e-03	-3.84e-04	-3.52e-05	1.43e-05	-7.78e-06
778	83	-4.08e-04	2.99e-03	-4.20e-04	-4.37e-05	1.06e-05	-6.37e-06
779	2	2.67e-03	-1.13e-03	-5.66e-04	2.82e-05	-2.47e-05	7.07e-06
779	8	-3.19e-03	7.81e-04	-2.20e-04	-2.10e-05	1.58e-05	-4.95e-06
779	19	-4.27e-04	2.78e-03	-1.96e-04	-6.41e-05	1.94e-05	-6.64e-06
779	34	1.23e-03	-3.00e-04	-4.58e-04	7.91e-06	-1.18e-05	3.16e-06
779	40	-1.57e-03	6.04e-04	-2.93e-04	-1.54e-05	7.55e-06	-2.58e-06
779	51	-2.55e-04	1.53e-03	-2.83e-04	-3.53e-05	9.04e-06	-3.32e-06
779	66	1.12e-03	-2.38e-04	-4.50e-04	6.39e-06	-1.08e-05	2.86e-06
779	72	-1.44e-03	5.90e-04	-2.99e-04	-1.50e-05	6.91e-06	-2.39e-06
779	83	-2.41e-04	1.44e-03	-2.89e-04	-3.32e-05	8.27e-06	-3.07e-06
780	2	1.28e-03	-2.92e-04	-2.78e-04	1.64e-05	-1.41e-05	2.16e-06
780	8	-1.53e-03	1.87e-04	-1.30e-04	-1.14e-05	8.72e-06	-1.44e-06
780	19	-1.79e-04	7.50e-04	-1.05e-04	-3.64e-05	1.12e-05	-1.98e-06
780	34	5.90e-04	-7.60e-05	-2.30e-04	4.79e-06	-6.75e-06	0.0
780	40	-7.48e-04	1.50e-04	-1.59e-04	-8.39e-06	4.14e-06	0.0
780	51	-1.08e-04	4.10e-04	-1.48e-04	-1.99e-05	5.20e-06	0.0
780	66	5.37e-04	-5.99e-05	-2.26e-04	3.92e-06	-6.19e-06	0.0
780	72	-6.89e-04	1.47e-04	-1.62e-04	-8.15e-06	3.78e-06	0.0
780	83	-1.02e-04	3.85e-04	-1.52e-04	-1.87e-05	4.75e-06	0.0
781	1	0.0	0.0	0.0	0.0	0.0	0.0
781	33	0.0	0.0	0.0	0.0	0.0	0.0
781	65	0.0	0.0	0.0	0.0	0.0	0.0
782	2	0.01	-6.64e-03	-1.63e-03	2.81e-05	-1.03e-06	4.69e-05
782	7	-0.01	0.01	-6.16e-04	-6.67e-05	0.0	-6.20e-05
782	19	-5.34e-03	0.02	-7.36e-04	-9.41e-05	-2.64e-06	-4.74e-05
782	34	5.07e-03	-1.13e-03	-1.36e-03	2.59e-06	0.0	1.85e-05
782	39	-5.76e-03	8.51e-03	-8.79e-04	-4.20e-05	0.0	-3.33e-05
782	51	-2.70e-03	0.01	-9.38e-04	-5.46e-05	-1.63e-06	-2.62e-05
782	66	4.61e-03	-7.20e-04	-1.34e-03	0.0	0.0	1.63e-05
782	71	-5.31e-03	8.11e-03	-8.99e-04	-4.01e-05	0.0	-3.12e-05
782	83	-2.50e-03	0.01	-9.53e-04	-5.17e-05	-1.55e-06	-2.46e-05
783	2	0.01	-7.72e-03	-1.73e-03	2.71e-05	-1.08e-06	5.43e-05
783	7	-0.01	0.02	-9.22e-04	-6.65e-05	0.0	-7.28e-05
783	19	-5.88e-03	0.02	-9.72e-04	-9.42e-05	-2.71e-06	-5.48e-05
783	34	5.54e-03	-1.20e-03	-1.52e-03	1.88e-06	0.0	2.11e-05
783	39	-6.31e-03	0.01	-1.13e-03	-4.21e-05	0.0	-3.94e-05
783	51	-2.98e-03	0.01	-1.16e-03	-5.48e-05	-1.69e-06	-3.06e-05
783	66	5.04e-03	-7.11e-04	-1.50e-03	0.0	0.0	1.86e-05
783	71	-5.81e-03	9.73e-03	-1.15e-03	-4.03e-05	0.0	-3.69e-05
783	83	-2.76e-03	0.01	-1.17e-03	-5.19e-05	-1.61e-06	-2.88e-05
784	2	9.61e-03	-5.52e-03	-1.54e-03	3.01e-05	-1.06e-06	3.87e-05
784	7	-0.01	0.01	-4.06e-04	-6.72e-05	0.0	-4.96e-05
784	19	-4.66e-03	0.02	-5.78e-04	-9.43e-05	-2.51e-06	-3.87e-05
784	34	4.44e-03	-1.03e-03	-1.24e-03	3.93e-06	0.0	1.57e-05
784	39	-5.04e-03	6.83e-03	-7.01e-04	-4.18e-05	0.0	-2.63e-05
784	51	-2.36e-03	9.06e-03	-7.85e-04	-5.43e-05	-1.56e-06	-2.09e-05
784	66	4.04e-03	-6.91e-04	-1.22e-03	1.98e-06	0.0	1.39e-05
784	71	-4.64e-03	6.51e-03	-7.24e-04	-3.99e-05	0.0	-2.45e-05
784	83	-2.18e-03	8.54e-03	-8.01e-04	-5.13e-05	-1.49e-06	-1.96e-05
785	2	8.03e-03	-4.32e-03	-1.39e-03	3.15e-05	0.0	3.01e-05
785	7	-8.55e-03	8.56e-03	-2.69e-04	-6.62e-05	0.0	-3.73e-05
785	19	-3.90e-03	0.01	-4.55e-04	-9.25e-05	-2.37e-06	-2.97e-05
785	34	3.71e-03	-8.67e-04	-1.09e-03	5.32e-06	0.0	1.26e-05
785	39	-4.20e-03	5.18e-03	-5.61e-04	-4.06e-05	0.0	-1.95e-05
785	51	-1.97e-03	6.90e-03	-6.51e-04	-5.28e-05	-1.47e-06	-1.57e-05
785	66	3.38e-03	-6.09e-04	-1.07e-03	3.36e-06	0.0	1.12e-05
785	71	-3.87e-03	4.93e-03	-5.83e-04	-3.87e-05	0.0	-1.81e-05
785	83	-1.82e-03	6.50e-03	-6.66e-04	-4.98e-05	-1.41e-06	-1.47e-05
786	2	5.71e-03	-3.10e-03	-1.17e-03	3.13e-05	0.0	2.14e-05
786	7	-6.75e-03	6.00e-03	-1.91e-04	-6.23e-05	0.0	-2.58e-05
786	19	-9.70e-04	8.65e-03	-3.55e-04	-8.71e-05	-2.19e-06	-2.08e-05
786	34	2.64e-03	-6.57e-04	-9.11e-04	6.24e-06	0.0	9.19e-06
786	39	-3.31e-03	3.61e-03	-4.46e-04	-3.78e-05	0.0	-1.32e-05
786	51	-5.65e-04	4.83e-03	-5.25e-04	-4.92e-05	-1.35e-06	-1.08e-05
786	66	2.40e-03	-4.75e-04	-8.91e-04	4.37e-06	0.0	8.26e-06
786	71	-3.05e-03	3.43e-03	-4.65e-04	-3.59e-05	0.0	-1.23e-05
786	83	-5.32e-04	4.55e-03	-5.38e-04	-4.64e-05	-1.29e-06	-1.00e-05
787	2	4.18e-03	-1.93e-03	-9.03e-04	2.85e-05	0.0	1.34e-05
787	8	-4.94e-03	1.41e-03	-2.28e-04	-2.29e-05	0.0	-9.84e-06
787	19	-6.70e-04	5.33e-03	-2.67e-04	-7.62e-05	-1.90e-06	-1.28e-05
787	34	1.93e-03	-4.25e-04	-7.03e-04	6.34e-06	0.0	5.90e-06
787	40	-2.42e-03	1.15e-03	-3.81e-04	-1.80e-05	0.0	-5.21e-06
787	51	-3.91e-04	2.96e-03	-4.01e-04	-4.26e-05	-1.17e-06	-6.50e-06
787	66	1.76e-03	-3.14e-04	-6.88e-04	4.68e-06	0.0	5.33e-06
787	72	-2.23e-03	1.13e-03	-3.93e-04	-1.76e-05	0.0	-4.85e-06

787	83	-3.68e-04	2.79e-03	-4.12e-04	-4.02e-05	-1.11e-06	-6.03e-06
788	2	2.70e-03	-9.27e-04	-6.10e-04	2.26e-05	0.0	6.66e-06
788	8	-3.20e-03	6.47e-04	-1.67e-04	-1.70e-05	0.0	-4.58e-06
788	19	-3.98e-04	2.58e-03	-1.83e-04	-5.86e-05	-1.47e-06	-6.22e-06
788	34	1.25e-03	-2.08e-04	-4.78e-04	5.40e-06	0.0	2.99e-06
788	40	-1.56e-03	5.33e-04	-2.66e-04	-1.33e-05	0.0	-2.37e-06
788	51	-2.33e-04	1.43e-03	-2.75e-04	-3.25e-05	0.0	-3.09e-06
788	66	1.14e-03	-1.55e-04	-4.68e-04	4.12e-06	0.0	2.71e-06
788	72	-1.44e-03	5.24e-04	-2.74e-04	-1.30e-05	0.0	-2.20e-06
788	83	-2.19e-04	1.34e-03	-2.82e-04	-3.06e-05	0.0	-2.86e-06
789	2	1.31e-03	1.48e-04	-3.06e-04	1.31e-05	0.0	2.02e-06
789	8	-1.55e-03	-2.32e-04	-9.72e-05	-9.31e-06	0.0	-1.31e-06
789	17	6.85e-04	6.99e-04	-1.59e-04	-2.67e-05	0.0	0.0
789	34	6.10e-04	1.30e-04	-2.43e-04	3.30e-06	0.0	0.0
789	40	-7.56e-04	-4.81e-05	-1.43e-04	-7.28e-06	0.0	0.0
789	49	3.08e-04	3.85e-04	-1.73e-04	-1.53e-05	0.0	0.0
789	66	5.56e-04	1.29e-04	-2.38e-04	2.57e-06	0.0	0.0
789	72	-6.95e-04	-3.45e-05	-1.47e-04	-7.12e-06	0.0	0.0
789	81	2.80e-04	3.62e-04	-1.74e-04	-1.44e-05	0.0	0.0
790	1	0.0	0.0	0.0	0.0	0.0	0.0
790	33	0.0	0.0	0.0	0.0	0.0	0.0
790	65	0.0	0.0	0.0	0.0	0.0	0.0
791	2	0.01	4.40e-03	-1.63e-03	-2.19e-05	0.0	4.48e-05
791	7	-0.01	2.30e-03	-5.95e-04	-1.26e-05	0.0	-6.07e-05
791	17	1.02e-03	0.02	-9.81e-04	-8.72e-05	-3.62e-06	-2.10e-05
791	34	4.94e-03	3.93e-03	-1.35e-03	-1.99e-05	0.0	1.72e-05
791	39	-5.49e-03	2.91e-03	-8.63e-04	-1.54e-05	0.0	-3.30e-05
791	49	3.72e-04	0.01	-1.05e-03	-5.02e-05	-2.08e-06	-1.38e-05
791	66	4.50e-03	3.90e-03	-1.33e-03	-1.97e-05	0.0	1.51e-05
791	71	-5.05e-03	2.96e-03	-8.83e-04	-1.56e-05	0.0	-3.08e-05
791	81	3.20e-04	9.81e-03	-1.05e-03	-4.75e-05	-1.97e-06	-1.33e-05
792	2	0.01	5.28e-03	-1.76e-03	-2.18e-05	0.0	5.12e-05
792	7	-0.01	2.84e-03	-8.70e-04	-1.34e-05	0.0	-7.09e-05
792	17	1.05e-03	0.02	-1.17e-03	-8.73e-05	-3.62e-06	-2.38e-05
792	34	5.38e-03	4.74e-03	-1.53e-03	-2.00e-05	0.0	1.92e-05
792	39	-6.02e-03	3.56e-03	-1.10e-03	-1.59e-05	0.0	-3.89e-05
792	49	3.69e-04	0.01	-1.24e-03	-5.04e-05	-2.09e-06	-1.61e-05
792	66	4.90e-03	4.70e-03	-1.51e-03	-1.99e-05	0.0	1.68e-05
792	71	-5.54e-03	3.61e-03	-1.12e-03	-1.61e-05	0.0	-3.64e-05
792	81	3.14e-04	0.01	-1.25e-03	-4.77e-05	-1.98e-06	-1.56e-05
793	2	9.35e-03	3.53e-03	-1.53e-03	-2.21e-05	0.0	3.64e-05
793	7	-9.87e-03	1.79e-03	-4.09e-04	-1.14e-05	0.0	-4.77e-05
793	17	9.12e-04	0.01	-8.61e-04	-8.70e-05	-3.61e-06	-1.72e-05
793	34	4.34e-03	3.14e-03	-1.23e-03	-1.97e-05	0.0	1.45e-05
793	39	-4.82e-03	2.29e-03	-6.99e-04	-1.45e-05	0.0	-2.55e-05
793	49	3.37e-04	8.38e-03	-9.17e-04	-4.99e-05	-2.07e-06	-1.08e-05
793	66	3.96e-03	3.11e-03	-1.21e-03	-1.95e-05	0.0	1.28e-05
793	71	-4.44e-03	2.33e-03	-7.22e-04	-1.47e-05	0.0	-2.38e-05
793	81	2.90e-04	7.91e-03	-9.21e-04	-4.71e-05	-1.95e-06	-1.03e-05
794	2	7.05e-03	2.66e-03	-1.38e-03	2.57e-05	1.07e-06	2.84e-05
794	7	-8.29e-03	1.33e-03	-2.73e-04	-5.74e-05	-2.38e-06	-3.57e-05
794	17	3.46e-03	0.01	-7.41e-04	-7.09e-05	-2.94e-06	-1.33e-05
794	34	3.28e-03	2.36e-03	-1.09e-03	3.32e-06	0.0	1.17e-05
794	39	-4.05e-03	1.71e-03	-5.60e-04	-3.56e-05	-1.48e-06	-1.88e-05
794	49	1.54e-03	6.39e-03	-7.86e-04	-4.18e-05	-1.73e-06	-7.94e-06
794	66	2.99e-03	2.34e-03	-1.06e-03	1.65e-06	0.0	1.04e-05
794	71	-3.73e-03	1.74e-03	-5.82e-04	-3.40e-05	-1.41e-06	-1.75e-05
794	81	1.40e-03	6.03e-03	-7.89e-04	-3.97e-05	-1.65e-06	-7.56e-06
795	2	5.61e-03	1.84e-03	-1.17e-03	2.54e-05	1.05e-06	2.02e-05
795	8	-6.60e-03	-2.40e-03	-2.87e-04	-2.15e-05	0.0	-1.58e-05
795	17	2.78e-03	7.99e-03	-6.11e-04	-6.63e-05	-2.75e-06	-9.38e-06
795	34	2.61e-03	1.63e-03	-9.12e-04	3.98e-06	0.0	8.61e-06
795	40	-3.22e-03	-3.59e-04	-4.89e-04	-1.81e-05	0.0	-8.60e-06
795	49	1.24e-03	4.49e-03	-6.47e-04	-3.88e-05	-1.61e-06	-5.33e-06
795	66	2.38e-03	1.61e-03	-8.92e-04	2.39e-06	0.0	7.72e-06
795	72	-2.96e-03	-2.07e-04	-5.05e-04	-1.79e-05	0.0	-8.04e-06
795	81	1.13e-03	4.23e-03	-6.49e-04	-3.68e-05	-1.53e-06	-5.04e-06
796	2	4.15e-03	1.10e-03	-9.19e-04	2.31e-05	0.0	1.26e-05
796	8	-4.88e-03	-1.49e-03	-2.09e-04	-1.86e-05	0.0	-9.15e-06
796	17	2.09e-03	4.93e-03	-4.70e-04	-5.79e-05	-2.40e-06	-5.75e-06
796	34	1.93e-03	9.82e-04	-7.10e-04	4.11e-06	0.0	5.54e-06
796	40	-2.38e-03	-2.34e-04	-3.71e-04	-1.55e-05	0.0	-4.86e-06
796	49	9.39e-04	2.76e-03	-4.98e-04	-3.37e-05	-1.40e-06	-3.12e-06
796	66	1.76e-03	9.73e-04	-6.94e-04	2.70e-06	0.0	5.00e-06
796	72	-2.18e-03	-1.41e-04	-3.84e-04	-1.53e-05	0.0	-4.53e-06
796	81	8.52e-04	2.60e-03	-5.00e-04	-3.19e-05	-1.32e-06	-2.93e-06
797	2	2.71e-03	5.07e-04	-6.30e-04	1.83e-05	0.0	6.24e-06

797	8	-3.19e-03	-7.17e-04	-1.45e-04	-1.40e-05	0.0	-4.19e-06
797	17	1.40e-03	2.40e-03	-3.19e-04	-4.46e-05	-1.85e-06	-2.77e-06
797	34	1.27e-03	4.61e-04	-4.87e-04	3.54e-06	0.0	2.81e-06
797	40	-1.55e-03	-1.13e-04	-2.55e-04	-1.17e-05	0.0	-2.17e-06
797	49	6.33e-04	1.34e-03	-3.40e-04	-2.58e-05	-1.07e-06	-1.43e-06
797	66	1.16e-03	4.57e-04	-4.76e-04	2.44e-06	0.0	2.55e-06
797	72	-1.42e-03	-6.84e-05	-2.64e-04	-1.15e-05	0.0	-2.01e-06
797	81	5.75e-04	1.26e-03	-3.41e-04	-2.44e-05	-1.01e-06	-1.33e-06
798	2	1.33e-03	1.23e-04	-3.22e-04	1.06e-05	0.0	1.89e-06
798	8	-1.56e-03	-1.85e-04	-8.04e-05	-7.78e-06	0.0	-1.17e-06
798	17	7.06e-04	6.51e-04	-1.63e-04	-2.55e-05	-1.06e-06	0.0
798	34	6.22e-04	1.17e-04	-2.50e-04	2.17e-06	0.0	0.0
798	40	-7.56e-04	-2.62e-05	-1.35e-04	-6.48e-06	0.0	0.0
798	49	3.22e-04	3.62e-04	-1.75e-04	-1.46e-05	0.0	0.0
798	66	5.68e-04	1.17e-04	-2.44e-04	1.54e-06	0.0	0.0
798	72	-6.94e-04	-1.45e-05	-1.39e-04	-6.38e-06	0.0	0.0
798	81	2.93e-04	3.41e-04	-1.76e-04	-1.38e-05	0.0	0.0
799	1	0.0	0.0	0.0	0.0	0.0	0.0
799	33	0.0	0.0	0.0	0.0	0.0	0.0
799	65	0.0	0.0	0.0	0.0	0.0	0.0
800	2	9.27e-03	3.48e-03	-1.63e-03	-1.61e-05	3.94e-05	4.22e-05
800	8	-0.01	-4.24e-03	-7.19e-04	1.88e-05	-3.37e-05	-4.22e-05
800	17	4.71e-03	0.02	-9.46e-04	-7.93e-05	-1.18e-05	-2.30e-05
800	34	4.33e-03	3.34e-03	-1.35e-03	-1.58e-05	1.71e-05	1.57e-05
800	40	-5.28e-03	-2.68e-04	-9.15e-04	0.0	-1.78e-05	-2.46e-05
800	49	2.13e-03	9.55e-03	-1.03e-03	-4.52e-05	-7.01e-06	-1.50e-05
800	66	3.95e-03	3.33e-03	-1.33e-03	-1.58e-05	1.54e-05	1.37e-05
800	72	-4.85e-03	2.51e-05	-9.30e-04	0.0	-1.65e-05	-2.33e-05
800	81	1.93e-03	9.02e-03	-1.03e-03	-4.27e-05	-6.67e-06	-1.45e-05
801	2	0.01	4.14e-03	-1.78e-03	-1.62e-05	3.84e-05	4.85e-05
801	8	-0.01	-4.98e-03	-9.67e-04	1.84e-05	-3.16e-05	-5.10e-05
801	17	5.17e-03	0.02	-1.14e-03	-7.97e-05	-9.65e-06	-2.63e-05
801	34	4.71e-03	3.99e-03	-1.53e-03	-1.60e-05	1.72e-05	1.75e-05
801	40	-5.78e-03	-2.76e-04	-1.14e-03	0.0	-1.63e-05	-3.00e-05
801	49	2.33e-03	0.01	-1.22e-03	-4.56e-05	-5.48e-06	-1.77e-05
801	66	4.30e-03	3.98e-03	-1.51e-03	-1.60e-05	1.55e-05	1.52e-05
801	72	-5.31e-03	7.23e-05	-1.15e-03	-1.22e-06	-1.51e-05	-2.84e-05
801	81	2.12e-03	0.01	-1.23e-03	-4.30e-05	-5.19e-06	-1.71e-05
802	2	8.17e-03	2.81e-03	-1.51e-03	-1.62e-05	4.08e-05	3.43e-05
802	8	-9.56e-03	-3.47e-03	-5.49e-04	1.91e-05	-3.28e-05	-3.17e-05
802	17	4.12e-03	0.01	-8.29e-04	-7.89e-05	-1.87e-05	-1.87e-05
802	34	3.82e-03	2.69e-03	-1.22e-03	-1.58e-05	1.81e-05	1.33e-05
802	40	-4.65e-03	-2.47e-04	-7.61e-04	0.0	-1.71e-05	-1.82e-05
802	49	1.87e-03	7.72e-03	-8.99e-04	-4.49e-05	-7.54e-06	-1.17e-05
802	66	3.49e-03	2.68e-03	-1.20e-03	-1.57e-05	1.63e-05	1.17e-05
802	72	-4.27e-03	-8.69e-06	-7.78e-04	0.0	-1.59e-05	-1.72e-05
802	81	1.69e-03	7.28e-03	-9.03e-04	-4.24e-05	-7.12e-06	-1.12e-05
803	2	6.89e-03	2.14e-03	-1.37e-03	-1.62e-05	3.89e-05	2.67e-05
803	8	-8.07e-03	-2.69e-03	-4.08e-04	1.92e-05	-2.92e-05	-2.26e-05
803	17	3.48e-03	0.01	-7.17e-04	-7.69e-05	-1.50e-05	-1.43e-05
803	34	3.22e-03	2.05e-03	-1.08e-03	-1.55e-05	1.74e-05	1.08e-05
803	40	-3.92e-03	-2.10e-04	-6.22e-04	1.04e-06	-1.51e-05	-1.27e-05
803	49	1.57e-03	5.90e-03	-7.73e-04	-4.38e-05	-8.00e-06	-8.49e-06
803	66	2.94e-03	2.04e-03	-1.06e-03	-1.54e-05	1.57e-05	9.58e-06
803	72	-3.60e-03	-2.71e-05	-6.39e-04	0.0	-1.40e-05	-1.20e-05
803	81	1.43e-03	5.57e-03	-7.77e-04	-4.13e-05	-7.50e-06	-8.07e-06
804	2	5.52e-03	1.50e-03	-1.17e-03	-1.54e-05	3.60e-05	1.90e-05
804	8	-6.45e-03	-1.91e-03	-2.95e-04	1.85e-05	-2.53e-05	-1.48e-05
804	17	2.80e-03	7.36e-03	-5.96e-04	-7.22e-05	-1.55e-05	-9.97e-06
804	34	2.58e-03	1.43e-03	-9.10e-04	-1.46e-05	1.63e-05	8.00e-06
804	40	-3.13e-03	-1.60e-04	-4.93e-04	1.29e-06	-1.30e-05	-8.14e-06
804	49	1.27e-03	4.15e-03	-6.39e-04	-4.10e-05	-8.00e-06	-5.64e-06
804	66	2.36e-03	1.43e-03	-8.90e-04	-1.45e-05	1.48e-05	7.16e-06
804	72	-2.88e-03	-3.04e-05	-5.08e-04	0.0	-1.20e-05	-7.62e-06
804	81	1.15e-03	3.92e-03	-6.42e-04	-3.87e-05	-7.45e-06	-5.33e-06
805	2	4.11e-03	9.09e-04	-9.24e-04	-1.36e-05	3.10e-05	1.19e-05
805	8	-4.80e-03	-1.18e-03	-2.08e-04	1.66e-05	-2.04e-05	-8.50e-06
805	17	2.12e-03	4.55e-03	-4.62e-04	-6.33e-05	-1.43e-05	-6.05e-06
805	34	1.93e-03	8.75e-04	-7.12e-04	-1.27e-05	1.41e-05	5.18e-06
805	40	-2.33e-03	-1.01e-04	-3.71e-04	1.40e-06	-1.04e-05	-4.55e-06
805	49	9.64e-04	2.57e-03	-4.94e-04	-3.58e-05	-7.19e-06	-3.26e-06
805	66	1.76e-03	8.72e-04	-6.96e-04	-1.27e-05	1.28e-05	4.66e-06
805	72	-2.14e-03	-2.17e-05	-3.83e-04	0.0	-9.64e-06	-4.25e-06
805	81	8.77e-04	2.42e-03	-4.96e-04	-3.38e-05	-6.68e-06	-3.06e-06
806	2	2.70e-03	4.28e-04	-6.41e-04	-1.04e-05	2.32e-05	5.87e-06
806	8	-3.15e-03	-5.67e-04	-1.37e-04	1.31e-05	-1.45e-05	-3.84e-06
806	17	1.42e-03	2.22e-03	-3.17e-04	-4.89e-05	-1.12e-05	-2.90e-06

806	34	1.27e-03	4.18e-04	-4.92e-04	-9.74e-06	1.06e-05	2.63e-06
806	40	-1.52e-03	-4.64e-05	-2.52e-04	1.25e-06	-7.33e-06	-2.00e-06
806	49	6.53e-04	1.25e-03	-3.39e-04	-2.76e-05	-5.53e-06	-1.48e-06
806	66	1.16e-03	4.17e-04	-4.81e-04	-9.69e-06	9.69e-06	2.39e-06
806	72	-1.40e-03	-8.04e-06	-2.60e-04	0.0	-6.77e-06	-1.85e-06
806	81	5.95e-04	1.18e-03	-3.40e-04	-2.60e-05	-5.12e-06	-1.38e-06
807	2	1.33e-03	1.10e-04	-3.31e-04	-5.88e-06	1.29e-05	1.77e-06
807	8	-1.55e-03	-1.49e-04	-7.17e-05	7.54e-06	-7.64e-06	-1.05e-06
807	17	7.21e-04	6.07e-04	-1.63e-04	-2.81e-05	-6.48e-06	0.0
807	34	6.29e-04	1.11e-04	-2.54e-04	-5.51e-06	5.97e-06	0.0
807	40	-7.48e-04	-9.65e-06	-1.31e-04	0.0	-3.83e-06	0.0
807	49	3.34e-04	3.41e-04	-1.75e-04	-1.58e-05	-3.13e-06	0.0
807	66	5.75e-04	1.11e-04	-2.48e-04	-5.48e-06	5.45e-06	0.0
807	72	-6.86e-04	0.0	-1.35e-04	0.0	-3.54e-06	0.0
807	81	3.05e-04	3.22e-04	-1.76e-04	-1.49e-05	-2.89e-06	0.0
808	1	0.0	0.0	0.0	0.0	0.0	0.0
808	33	0.0	0.0	0.0	0.0	0.0	0.0
808	65	0.0	0.0	0.0	0.0	0.0	0.0
809	2	9.09e-03	2.97e-03	-1.64e-03	-1.35e-05	-3.67e-05	3.95e-05
809	8	-0.01	-3.76e-03	-7.04e-04	1.98e-05	3.14e-05	-4.05e-05
809	17	4.78e-03	0.02	-8.98e-04	-7.45e-05	7.38e-06	-2.55e-05
809	34	4.29e-03	2.93e-03	-1.35e-03	-1.33e-05	-1.64e-05	1.40e-05
809	40	-5.10e-03	-2.01e-04	-9.03e-04	2.21e-06	1.62e-05	-2.41e-05
809	49	2.20e-03	8.73e-03	-1.00e-03	-4.17e-05	-1.66e-05	-1.66e-05
809	66	3.92e-03	2.93e-03	-1.33e-03	-1.33e-05	-1.48e-05	1.21e-05
809	72	-4.69e-03	6.12e-05	-9.18e-04	0.0	1.50e-05	-2.29e-05
809	81	2.00e-03	8.24e-03	-1.01e-03	-3.93e-05	4.22e-06	-1.60e-05
810	8	-0.01	-4.54e-03	-9.30e-04	1.99e-05	2.99e-05	-4.94e-05
810	10	9.36e-03	2.89e-03	-1.83e-03	-1.16e-05	-2.77e-05	3.23e-05
810	17	5.28e-03	0.02	-1.09e-03	-7.48e-05	4.98e-06	-2.92e-05
810	40	-5.59e-03	-2.86e-04	-1.12e-03	2.26e-06	1.49e-05	-2.97e-05
810	42	4.41e-03	3.18e-03	-1.54e-03	-1.24e-05	-1.26e-05	9.21e-06
810	49	2.43e-03	0.01	-1.20e-03	-4.19e-05	-2.72e-06	-1.97e-05
810	72	-5.13e-03	2.78e-05	-1.13e-03	0.0	1.37e-05	-2.82e-05
810	74	4.03e-03	3.20e-03	-1.52e-03	-1.25e-05	-1.14e-05	7.46e-06
810	81	2.22e-03	9.81e-03	-1.21e-03	-3.94e-05	2.57e-06	-1.90e-05
811	2	8.00e-03	2.41e-03	-1.52e-03	-1.37e-05	-3.71e-05	3.22e-05
811	8	-9.32e-03	-2.99e-03	-5.50e-04	1.92e-05	2.92e-05	-3.00e-05
811	17	4.17e-03	0.01	-7.87e-04	-7.40e-05	9.46e-06	-2.07e-05
811	34	3.77e-03	2.39e-03	-1.22e-03	-1.34e-05	-1.69e-05	1.21e-05
811	40	-4.50e-03	-1.27e-04	-7.59e-04	1.84e-06	1.48e-05	-1.76e-05
811	49	1.91e-03	7.07e-03	-8.77e-04	-4.15e-05	5.08e-06	-1.28e-05
811	66	3.44e-03	2.38e-03	-1.20e-03	-1.34e-05	-1.53e-05	1.05e-05
811	72	-4.13e-03	8.41e-05	-7.76e-04	0.0	1.37e-05	-1.67e-05
811	81	1.74e-03	6.67e-03	-8.83e-04	-3.92e-05	4.77e-06	-1.23e-05
812	2	6.76e-03	1.85e-03	-1.38e-03	-1.37e-05	-3.48e-05	2.51e-05
812	8	-7.87e-03	-2.26e-03	-4.13e-04	1.82e-05	2.50e-05	-2.13e-05
812	17	3.50e-03	9.55e-03	-6.85e-04	-7.21e-05	1.13e-05	-1.57e-05
812	34	3.18e-03	1.84e-03	-1.08e-03	-1.35e-05	-1.60e-05	9.91e-06
812	40	-3.81e-03	-7.30e-05	-6.25e-04	1.40e-06	1.25e-05	-1.22e-05
812	49	1.60e-03	5.42e-03	-7.58e-04	-4.07e-05	5.71e-06	-9.30e-06
812	66	2.90e-03	1.84e-03	-1.06e-03	-1.35e-05	-1.46e-05	8.76e-06
812	72	-3.50e-03	8.77e-05	-6.41e-04	0.0	1.16e-05	-1.15e-05
812	81	1.46e-03	5.12e-03	-7.64e-04	-3.84e-05	5.31e-06	-8.84e-06
813	2	5.43e-03	1.31e-03	-1.18e-03	-1.33e-05	-3.20e-05	1.80e-05
813	8	-6.32e-03	-1.57e-03	-2.98e-04	1.69e-05	2.14e-05	-1.40e-05
813	17	2.82e-03	6.75e-03	-5.74e-04	-6.77e-05	1.19e-05	-1.08e-05
813	34	2.56e-03	1.30e-03	-9.17e-04	-1.29e-05	-1.49e-05	7.42e-06
813	40	-3.05e-03	-3.75e-05	-4.95e-04	1.09e-06	1.06e-05	-7.86e-06
813	49	1.30e-03	3.83e-03	-6.30e-04	-3.83e-05	5.75e-06	-6.13e-06
813	66	2.34e-03	1.30e-03	-8.96e-04	-1.29e-05	-1.36e-05	6.61e-06
813	72	-2.80e-03	7.55e-05	-5.11e-04	0.0	9.71e-06	-7.38e-06
813	81	1.18e-03	3.62e-03	-6.34e-04	-3.61e-05	5.31e-06	-5.79e-06
814	2	4.06e-03	8.09e-04	-9.39e-04	-1.18e-05	-2.76e-05	1.13e-05
814	8	-4.71e-03	-9.64e-04	-2.05e-04	1.47e-05	1.75e-05	-8.13e-06
814	17	2.14e-03	4.19e-03	-4.48e-04	-5.95e-05	1.06e-05	-6.47e-06
814	34	1.92e-03	8.10e-04	-7.20e-04	-1.15e-05	-1.30e-05	4.83e-06
814	40	-2.27e-03	-1.48e-05	-3.71e-04	0.0	8.51e-06	-4.43e-06
814	49	9.87e-04	2.38e-03	-4.89e-04	-3.37e-05	4.99e-06	-3.50e-06
814	66	1.75e-03	8.10e-04	-7.03e-04	-1.15e-05	-1.19e-05	4.34e-06
814	72	-2.09e-03	5.49e-05	-3.83e-04	0.0	7.82e-06	-4.14e-06
814	81	8.99e-04	2.25e-03	-4.92e-04	-3.18e-05	4.58e-06	-3.29e-06
815	2	2.68e-03	3.94e-04	-6.55e-04	-9.23e-06	-2.07e-05	5.59e-06
815	8	-3.11e-03	-4.64e-04	-1.30e-04	1.14e-05	1.26e-05	-3.70e-06
815	17	1.44e-03	2.05e-03	-3.09e-04	-4.62e-05	7.96e-06	-3.05e-06
815	34	1.27e-03	3.97e-04	-4.99e-04	-8.99e-06	-9.84e-06	2.47e-06
815	40	-1.49e-03	-2.11e-06	-2.49e-04	0.0	6.07e-06	-1.95e-06

815	49	6.71e-04	1.16e-03	-3.36e-04	-2.62e-05	3.62e-06	-1.57e-06
815	66	1.16e-03	3.97e-04	-4.87e-04	-8.97e-06	-9.02e-06	2.24e-06
815	72	-1.37e-03	3.18e-05	-2.58e-04	0.0	5.56e-06	-1.82e-06
815	81	6.13e-04	1.10e-03	-3.38e-04	-2.47e-05	3.31e-06	-1.47e-06
816	2	1.33e-03	1.11e-04	-3.41e-04	-5.32e-06	-1.15e-05	1.68e-06
816	8	-1.53e-03	-1.27e-04	-6.44e-05	6.46e-06	6.70e-06	0.0
816	17	7.33e-04	5.66e-04	-1.60e-04	-2.66e-05	4.48e-06	0.0
816	34	6.31e-04	1.11e-04	-2.59e-04	-5.19e-06	-5.52e-06	0.0
816	40	-7.33e-04	0.0	-1.27e-04	0.0	3.17e-06	0.0
816	49	3.44e-04	3.22e-04	-1.73e-04	-1.50e-05	1.97e-06	0.0
816	66	5.78e-04	1.11e-04	-2.53e-04	-5.18e-06	-5.07e-06	0.0
816	72	-6.72e-04	9.86e-06	-1.32e-04	0.0	2.89e-06	0.0
816	81	3.15e-04	3.04e-04	-1.74e-04	-1.42e-05	1.80e-06	0.0
817	1	0.0	0.0	0.0	0.0	0.0	0.0
817	33	0.0	0.0	0.0	0.0	0.0	0.0
817	65	0.0	0.0	0.0	0.0	0.0	0.0
818	8	-0.01	-3.80e-03	-6.69e-04	2.35e-05	1.99e-06	-3.86e-05
818	10	8.49e-03	2.61e-03	-1.72e-03	-1.22e-05	-1.40e-06	2.61e-05
818	17	4.89e-03	0.01	-8.46e-04	-6.77e-05	-2.32e-06	-2.86e-05
818	40	-4.97e-03	-4.03e-04	-8.86e-04	5.68e-06	0.0	-2.37e-05
818	42	4.03e-03	2.60e-03	-1.39e-03	-1.11e-05	0.0	7.16e-06
818	49	2.29e-03	7.93e-03	-9.75e-04	-3.69e-05	-1.23e-06	-1.85e-05
818	72	-4.56e-03	-1.52e-04	-9.02e-04	4.35e-06	0.0	-2.25e-05
818	74	3.69e-03	2.60e-03	-1.36e-03	-1.10e-05	0.0	5.73e-06
818	81	2.09e-03	7.48e-03	-9.84e-04	-3.46e-05	-1.15e-06	-1.78e-05
819	8	-0.01	-4.78e-03	-8.76e-04	2.48e-05	2.02e-06	-4.78e-05
819	10	9.37e-03	3.14e-03	-1.93e-03	-1.28e-05	-1.45e-06	2.94e-05
819	17	5.47e-03	0.02	-1.04e-03	-6.84e-05	-2.50e-06	-3.26e-05
819	40	-5.44e-03	-6.52e-04	-1.09e-03	6.35e-06	0.0	-2.96e-05
819	42	4.47e-03	3.06e-03	-1.59e-03	-1.13e-05	0.0	7.16e-06
819	49	2.58e-03	9.43e-03	-1.18e-03	-3.71e-05	-1.34e-06	-2.19e-05
819	72	-4.98e-03	-3.47e-04	-1.11e-03	4.98e-06	0.0	-2.82e-05
819	74	4.09e-03	3.05e-03	-1.56e-03	-1.12e-05	0.0	5.48e-06
819	81	2.36e-03	8.88e-03	-1.18e-03	-3.48e-05	-1.26e-06	-2.11e-05
820	8	-9.14e-03	-2.89e-03	-5.25e-04	2.06e-05	1.67e-06	-2.84e-05
820	10	7.42e-03	2.10e-03	-1.60e-03	-1.17e-05	-1.38e-06	2.18e-05
820	17	4.22e-03	0.01	-7.45e-04	-6.66e-05	-2.10e-06	-2.33e-05
820	40	-4.39e-03	-2.05e-04	-7.49e-04	3.87e-06	0.0	-1.71e-05
820	42	3.51e-03	2.13e-03	-1.26e-03	-1.13e-05	0.0	6.80e-06
820	49	1.96e-03	6.44e-03	-8.59e-04	-3.68e-05	-1.17e-06	-1.43e-05
820	72	-4.03e-03	-6.65e-06	-7.67e-04	2.63e-06	0.0	-1.63e-05
820	74	3.21e-03	2.13e-03	-1.23e-03	-1.12e-05	0.0	5.67e-06
820	81	1.79e-03	6.08e-03	-8.68e-04	-3.46e-05	-1.10e-06	-1.37e-05
821	8	-7.72e-03	-2.11e-03	-3.91e-04	1.75e-05	1.25e-06	-2.04e-05
821	10	6.25e-03	1.61e-03	-1.44e-03	-1.11e-05	-1.25e-06	1.75e-05
821	17	3.53e-03	8.71e-03	-6.54e-04	-6.42e-05	-1.83e-06	-1.76e-05
821	40	-3.71e-03	-8.08e-05	-6.17e-04	2.04e-06	0.0	-1.21e-05
821	42	2.95e-03	1.66e-03	-1.12e-03	-1.13e-05	0.0	6.02e-06
821	49	1.64e-03	4.96e-03	-7.47e-04	-3.60e-05	-1.07e-06	-1.04e-05
821	72	-3.41e-03	6.88e-05	-6.35e-04	0.0	0.0	-1.14e-05
821	74	2.69e-03	1.66e-03	-1.09e-03	-1.13e-05	0.0	5.16e-06
821	81	1.49e-03	4.68e-03	-7.54e-04	-3.40e-05	-1.02e-06	-9.87e-06
822	8	-6.20e-03	-1.44e-03	-2.75e-04	1.48e-05	0.0	-1.40e-05
822	10	5.01e-03	1.14e-03	-1.24e-03	-1.03e-05	-1.14e-06	1.29e-05
822	17	2.84e-03	6.17e-03	-5.50e-04	-6.01e-05	-1.62e-06	-1.18e-05
822	40	-2.98e-03	-1.73e-05	-4.87e-04	0.0	0.0	-8.02e-06
822	42	2.37e-03	1.19e-03	-9.46e-04	-1.09e-05	0.0	4.77e-06
822	49	1.32e-03	3.52e-03	-6.22e-04	-3.41e-05	0.0	-6.76e-06
822	72	-2.73e-03	8.73e-05	-5.03e-04	0.0	0.0	-7.56e-06
822	74	2.17e-03	1.19e-03	-9.24e-04	-1.09e-05	0.0	4.15e-06
822	81	1.21e-03	3.33e-03	-6.27e-04	-3.22e-05	0.0	-6.40e-06
823	8	-4.62e-03	-8.73e-04	-1.83e-04	1.23e-05	0.0	-8.51e-06
823	10	3.75e-03	7.20e-04	-9.84e-04	-9.05e-06	-1.00e-06	8.29e-06
823	17	2.16e-03	3.85e-03	-4.30e-04	-5.31e-05	-1.48e-06	-6.75e-06
823	40	-2.22e-03	7.12e-06	-3.61e-04	0.0	0.0	-4.76e-06
823	42	1.78e-03	7.50e-04	-7.42e-04	-9.77e-06	0.0	3.24e-06
823	49	1.01e-03	2.20e-03	-4.82e-04	-3.03e-05	0.0	-3.77e-06
823	72	-2.03e-03	7.19e-05	-3.75e-04	0.0	0.0	-4.47e-06
823	74	1.63e-03	7.52e-04	-7.24e-04	-9.82e-06	0.0	2.86e-06
823	81	9.22e-04	2.08e-03	-4.85e-04	-2.86e-05	0.0	-3.56e-06
824	8	-3.05e-03	-4.22e-04	-1.11e-04	9.19e-06	0.0	-4.03e-06
824	10	2.48e-03	3.66e-04	-6.86e-04	-7.06e-06	0.0	4.15e-06
824	17	1.46e-03	1.90e-03	-2.96e-04	-4.16e-05	-1.23e-06	-3.09e-06
824	40	-1.46e-03	1.03e-05	-2.40e-04	0.0	0.0	-2.20e-06
824	42	1.18e-03	3.78e-04	-5.14e-04	-7.72e-06	0.0	1.70e-06
824	49	6.89e-04	1.09e-03	-3.30e-04	-2.38e-05	0.0	-1.67e-06
824	72	-1.33e-03	4.21e-05	-2.50e-04	0.0	0.0	-2.06e-06

824	74	1.08e-03	3.79e-04	-5.01e-04	-7.76e-06	0.0	1.51e-06
824	81	6.31e-04	1.03e-03	-3.33e-04	-2.25e-05	0.0	-1.57e-06
825	5	1.51e-03	3.41e-04	-3.16e-04	-1.49e-05	0.0	0.0
825	10	1.22e-03	1.15e-04	-3.58e-04	-4.11e-06	0.0	1.26e-06
825	17	7.43e-04	5.29e-04	-1.53e-04	-2.41e-05	0.0	0.0
825	37	7.25e-04	2.17e-04	-2.47e-04	-9.53e-06	0.0	0.0
825	42	5.87e-04	1.13e-04	-2.67e-04	-4.53e-06	0.0	0.0
825	49	3.55e-04	3.04e-04	-1.70e-04	-1.38e-05	0.0	0.0
825	69	6.64e-04	2.08e-04	-2.42e-04	-9.14e-06	0.0	0.0
825	74	5.38e-04	1.12e-04	-2.60e-04	-4.56e-06	0.0	0.0
825	81	3.25e-04	2.88e-04	-1.72e-04	-1.31e-05	0.0	0.0
826	1	0.0	0.0	0.0	0.0	0.0	0.0
826	33	0.0	0.0	0.0	0.0	0.0	0.0
826	65	0.0	0.0	0.0	0.0	0.0	0.0
827	5	0.01	8.68e-03	-1.59e-03	-4.32e-05	-1.79e-06	1.51e-05
827	10	8.49e-03	2.99e-03	-1.88e-03	-1.35e-05	0.0	2.37e-05
827	17	5.02e-03	0.01	-8.06e-04	-6.19e-05	-2.57e-06	-3.23e-05
827	37	4.93e-03	5.24e-03	-1.33e-03	-2.37e-05	0.0	1.63e-06
827	42	4.07e-03	2.59e-03	-1.47e-03	-9.89e-06	0.0	5.51e-06
827	49	2.39e-03	7.14e-03	-9.65e-04	-3.24e-05	-1.34e-06	-2.07e-05
827	69	4.52e-03	4.99e-03	-1.31e-03	-2.23e-05	0.0	0.0
827	74	3.73e-03	2.56e-03	-1.44e-03	-9.60e-06	0.0	4.13e-06
827	81	2.19e-03	6.72e-03	-9.76e-04	-3.02e-05	-1.25e-06	-1.99e-05
828	5	0.01	0.01	-1.81e-03	-4.48e-05	-1.86e-06	1.73e-05
828	10	9.50e-03	3.57e-03	-2.10e-03	-1.40e-05	0.0	2.59e-05
828	17	5.74e-03	0.02	-1.01e-03	-6.33e-05	-2.62e-06	-3.71e-05
828	37	5.56e-03	6.22e-03	-1.54e-03	-2.41e-05	-1.00e-06	0.0
828	42	4.60e-03	3.00e-03	-1.68e-03	-9.78e-06	0.0	4.71e-06
828	49	2.77e-03	8.45e-03	-1.16e-03	-3.26e-05	-1.35e-06	-2.48e-05
828	69	5.11e-03	5.91e-03	-1.52e-03	-2.26e-05	0.0	0.0
828	74	4.22e-03	2.96e-03	-1.65e-03	-9.45e-06	0.0	3.11e-06
828	81	2.55e-03	7.95e-03	-1.18e-03	-3.04e-05	-1.26e-06	-2.39e-05
829	8	-9.00e-03	-3.14e-03	-4.58e-04	2.41e-05	1.00e-06	-2.72e-05
829	10	7.36e-03	2.42e-03	-1.75e-03	-1.31e-05	0.0	2.01e-05
829	17	4.27e-03	0.01	-7.16e-04	-6.01e-05	-2.49e-06	-2.63e-05
829	40	-4.31e-03	-4.62e-04	-7.26e-04	6.89e-06	0.0	-1.69e-05
829	42	3.50e-03	2.15e-03	-1.34e-03	-1.06e-05	0.0	5.56e-06
829	49	2.00e-03	5.81e-03	-8.55e-04	-3.25e-05	-1.35e-06	-1.61e-05
829	72	-3.95e-03	-2.63e-04	-7.46e-04	5.60e-06	0.0	-1.62e-05
829	74	3.20e-03	2.13e-03	-1.31e-03	-1.05e-05	0.0	4.46e-06
829	81	1.83e-03	5.48e-03	-8.65e-04	-3.04e-05	-1.26e-06	-1.54e-05
830	8	-7.59e-03	-2.24e-03	-3.19e-04	1.87e-05	0.0	-2.04e-05
830	10	6.18e-03	1.86e-03	-1.59e-03	-1.23e-05	0.0	1.64e-05
830	17	3.56e-03	7.90e-03	-6.29e-04	-5.70e-05	-2.36e-06	-1.97e-05
830	40	-3.64e-03	-2.36e-04	-5.89e-04	3.61e-06	0.0	-1.25e-05
830	42	2.93e-03	1.69e-03	-1.19e-03	-1.09e-05	0.0	5.05e-06
830	49	1.66e-03	4.49e-03	-7.42e-04	-3.17e-05	-1.32e-06	-1.18e-05
830	72	-3.33e-03	-8.73e-05	-6.10e-04	2.49e-06	0.0	-1.19e-05
830	74	2.68e-03	1.68e-03	-1.16e-03	-1.08e-05	0.0	4.19e-06
830	81	1.52e-03	4.24e-03	-7.50e-04	-2.99e-05	-1.24e-06	-1.13e-05
831	8	-6.09e-03	-1.53e-03	-2.05e-04	1.48e-05	0.0	-1.52e-05
831	10	4.97e-03	1.34e-03	-1.36e-03	-1.14e-05	0.0	1.25e-05
831	17	2.87e-03	5.64e-03	-5.24e-04	-5.31e-05	-2.20e-06	-1.25e-05
831	40	-2.91e-03	-1.18e-04	-4.56e-04	1.58e-06	0.0	-9.05e-06
831	42	2.36e-03	1.23e-03	-1.01e-03	-1.07e-05	0.0	4.17e-06
831	49	1.35e-03	3.22e-03	-6.13e-04	-3.01e-05	-1.25e-06	-7.51e-06
831	72	-2.67e-03	-1.31e-05	-4.75e-04	0.0	0.0	-8.56e-06
831	74	2.16e-03	1.22e-03	-9.80e-04	-1.07e-05	0.0	3.54e-06
831	81	1.23e-03	3.05e-03	-6.19e-04	-2.84e-05	-1.18e-06	-7.16e-06
832	5	4.55e-03	2.39e-03	-9.26e-04	-3.11e-05	-1.29e-06	6.52e-06
832	10	3.72e-03	8.56e-04	-1.08e-03	-1.03e-05	0.0	8.36e-06
832	17	2.18e-03	3.56e-03	-4.05e-04	-4.77e-05	-1.98e-06	-6.58e-06
832	37	2.17e-03	1.50e-03	-7.16e-04	-1.96e-05	0.0	2.16e-06
832	42	1.78e-03	7.88e-04	-7.88e-04	-9.87e-06	0.0	2.95e-06
832	49	1.03e-03	2.04e-03	-4.71e-04	-2.72e-05	-1.13e-06	-4.00e-06
832	69	1.99e-03	1.44e-03	-7.00e-04	-1.87e-05	0.0	1.82e-06
832	74	1.63e-03	7.83e-04	-7.65e-04	-9.84e-06	0.0	2.54e-06
832	81	9.46e-04	1.93e-03	-4.75e-04	-2.57e-05	-1.07e-06	-3.82e-06
833	5	3.03e-03	1.20e-03	-6.44e-04	-2.49e-05	-1.03e-06	3.62e-06
833	10	2.46e-03	4.39e-04	-7.50e-04	-8.17e-06	0.0	4.27e-06
833	17	1.47e-03	1.78e-03	-2.77e-04	-3.82e-05	-1.58e-06	-2.76e-06
833	37	1.45e-03	7.55e-04	-4.94e-04	-1.57e-05	0.0	1.29e-06
833	42	1.19e-03	4.02e-04	-5.43e-04	-7.94e-06	0.0	1.55e-06
833	49	7.08e-04	1.02e-03	-3.21e-04	-2.19e-05	0.0	-1.70e-06
833	69	1.33e-03	7.22e-04	-4.82e-04	-1.50e-05	0.0	1.11e-06
833	74	1.09e-03	3.99e-04	-5.27e-04	-7.92e-06	0.0	1.35e-06
833	81	6.50e-04	9.66e-04	-3.24e-04	-2.07e-05	0.0	-1.63e-06

834	5	1.50e-03	3.49e-04	-3.36e-04	-1.45e-05	0.0	1.11e-06
834	10	1.21e-03	1.38e-04	-3.90e-04	-4.69e-06	0.0	1.28e-06
834	17	7.52e-04	5.01e-04	-1.43e-04	-2.25e-05	0.0	0.0
834	37	7.26e-04	2.20e-04	-2.56e-04	-9.21e-06	0.0	0.0
834	42	5.88e-04	1.22e-04	-2.80e-04	-4.67e-06	0.0	0.0
834	49	3.66e-04	2.90e-04	-1.65e-04	-1.29e-05	0.0	0.0
834	69	6.66e-04	2.10e-04	-2.49e-04	-8.82e-06	0.0	0.0
834	74	5.40e-04	1.20e-04	-2.72e-04	-4.66e-06	0.0	0.0
834	81	3.37e-04	2.74e-04	-1.66e-04	-1.22e-05	0.0	0.0
835	1	0.0	0.0	0.0	0.0	0.0	0.0
835	33	0.0	0.0	0.0	0.0	0.0	0.0
835	65	0.0	0.0	0.0	0.0	0.0	0.0
836	5	0.01	8.62e-03	-1.80e-03	-4.35e-05	1.22e-05	1.09e-05
836	10	8.53e-03	3.44e-03	-2.17e-03	-1.48e-05	1.96e-05	2.10e-05
836	17	5.15e-03	0.01	-8.07e-04	-5.52e-05	-2.51e-05	-3.64e-05
836	37	4.99e-03	5.02e-03	-1.46e-03	-2.17e-05	3.30e-06	-1.03e-06
836	42	4.11e-03	2.60e-03	-1.63e-03	-8.29e-06	6.60e-06	3.54e-06
836	49	2.48e-03	6.31e-03	-9.92e-04	-2.70e-05	-1.42e-05	-2.33e-05
836	69	4.58e-03	4.75e-03	-1.43e-03	-2.01e-05	2.61e-06	-1.96e-06
836	74	3.78e-03	2.54e-03	-1.59e-03	-7.78e-06	5.63e-06	2.22e-06
836	81	2.27e-03	5.93e-03	-1.01e-03	-2.49e-05	-1.34e-05	-2.24e-05
837	5	0.01	0.01	-2.02e-03	-4.22e-05	-4.08e-05	1.38e-05
837	10	9.75e-03	4.06e-03	-2.39e-03	-1.29e-05	-1.09e-05	2.28e-05
837	17	6.10e-03	0.01	-1.00e-03	-5.31e-05	-5.25e-05	-4.04e-05
837	37	5.80e-03	5.92e-03	-1.67e-03	-1.95e-05	-2.41e-05	-2.19e-06
837	42	4.80e-03	2.93e-03	-1.84e-03	-5.82e-06	-1.00e-05	1.89e-06
837	49	3.02e-03	7.43e-03	-1.19e-03	-2.44e-05	-2.93e-05	-2.77e-05
837	69	5.34e-03	5.58e-03	-1.64e-03	-1.78e-05	-2.28e-05	-3.43e-06
837	74	4.42e-03	2.84e-03	-1.80e-03	-5.27e-06	-9.96e-06	0.0
837	81	2.79e-03	6.96e-03	-1.20e-03	-2.23e-05	-2.76e-05	-2.68e-05
838	5	8.90e-03	6.86e-03	-1.69e-03	-4.00e-05	1.19e-05	8.76e-06
838	10	7.31e-03	2.79e-03	-2.03e-03	-1.51e-05	2.22e-05	1.81e-05
838	17	4.32e-03	9.18e-03	-7.15e-04	-5.21e-05	-2.62e-05	-3.02e-05
838	37	4.25e-03	4.09e-03	-1.33e-03	-2.21e-05	4.64e-06	0.0
838	42	3.49e-03	2.19e-03	-1.49e-03	-1.04e-05	9.33e-06	3.90e-06
838	49	2.04e-03	5.15e-03	-8.74e-04	-2.76e-05	-1.33e-05	-1.87e-05
838	69	3.89e-03	3.88e-03	-1.30e-03	-2.07e-05	4.08e-06	-1.06e-06
838	74	3.20e-03	2.14e-03	-1.45e-03	-1.01e-05	8.37e-06	2.82e-06
838	81	1.87e-03	4.85e-03	-8.86e-04	-2.57e-05	-1.23e-05	-1.79e-05
839	8	-7.48e-03	-2.62e-03	-1.72e-04	1.95e-05	-1.01e-05	-2.26e-05
839	10	6.14e-03	2.18e-03	-1.83e-03	-1.37e-05	2.06e-05	1.54e-05
839	17	3.59e-03	7.08e-03	-6.07e-04	-4.73e-05	-3.26e-05	-2.13e-05
839	40	-3.57e-03	-5.32e-04	-5.26e-04	5.04e-06	-5.90e-06	-1.44e-05
839	42	2.93e-03	1.74e-03	-1.31e-03	-1.07e-05	8.60e-06	3.75e-06
839	49	1.69e-03	4.01e-03	-7.40e-04	-2.63e-05	-1.62e-05	-1.34e-05
839	72	-3.27e-03	-3.75e-04	-5.53e-04	3.96e-06	-5.57e-06	-1.37e-05
839	74	2.68e-03	1.71e-03	-1.27e-03	-1.04e-05	7.71e-06	2.87e-06
839	81	1.55e-03	3.78e-03	-7.49e-04	-2.47e-05	-1.50e-05	-1.28e-05
840	5	6.03e-03	3.84e-03	-1.30e-03	-3.27e-05	8.50e-06	8.97e-06
840	10	4.95e-03	1.61e-03	-1.56e-03	-1.33e-05	2.11e-05	1.24e-05
840	17	2.89e-03	5.14e-03	-4.87e-04	-4.44e-05	-2.85e-05	-1.30e-05
840	37	2.88e-03	2.33e-03	-9.79e-04	-1.99e-05	3.13e-06	1.84e-06
840	42	2.37e-03	1.29e-03	-1.10e-03	-1.08e-05	8.92e-06	3.33e-06
840	49	1.38e-03	2.92e-03	-5.95e-04	-2.53e-05	-1.42e-05	-8.51e-06
840	69	2.64e-03	2.22e-03	-9.54e-04	-1.89e-05	2.71e-06	1.28e-06
840	74	2.17e-03	1.26e-03	-1.06e-03	-1.06e-05	8.01e-06	2.65e-06
840	81	1.26e-03	2.76e-03	-6.03e-04	-2.38e-05	-1.32e-05	-8.19e-06
841	5	4.54e-03	2.50e-03	-1.03e-03	-3.03e-05	1.15e-05	7.94e-06
841	10	3.72e-03	1.06e-03	-1.23e-03	-1.26e-05	2.09e-05	8.98e-06
841	17	2.20e-03	3.33e-03	-3.66e-04	-4.10e-05	-2.18e-05	-6.14e-06
841	37	2.19e-03	1.52e-03	-7.61e-04	-1.86e-05	4.68e-06	2.24e-06
841	42	1.80e-03	8.42e-04	-8.55e-04	-1.03e-05	9.00e-06	2.65e-06
841	49	1.06e-03	1.89e-03	-4.49e-04	-2.35e-05	-1.10e-05	-4.39e-06
841	69	2.00e-03	1.44e-03	-7.41e-04	-1.77e-05	4.15e-06	1.79e-06
841	74	1.65e-03	8.25e-04	-8.27e-04	-1.01e-05	8.10e-06	2.17e-06
841	81	9.74e-04	1.79e-03	-4.55e-04	-2.22e-05	-1.02e-05	-4.27e-06
842	5	3.02e-03	1.30e-03	-7.13e-04	-2.62e-05	1.60e-05	5.57e-06
842	10	2.46e-03	5.51e-04	-8.54e-04	-1.08e-05	1.99e-05	5.44e-06
842	17	1.49e-03	1.71e-03	-2.46e-04	-3.50e-05	-1.03e-05	-1.96e-06
842	37	1.46e-03	7.85e-04	-5.22e-04	-1.59e-05	7.02e-06	1.84e-06
842	42	1.20e-03	4.35e-04	-5.87e-04	-8.74e-06	8.70e-06	1.72e-06
842	49	7.30e-04	9.73e-04	-3.02e-04	-1.99e-05	-5.37e-06	-1.70e-06
842	69	1.34e-03	7.46e-04	-5.07e-04	-1.51e-05	6.32e-06	1.55e-06
842	74	1.10e-03	4.26e-04	-5.67e-04	-8.58e-06	7.86e-06	1.44e-06
842	81	6.72e-04	9.19e-04	-3.06e-04	-1.88e-05	-5.02e-06	-1.69e-06
843	5	1.49e-03	3.81e-04	-3.70e-04	-1.62e-05	1.38e-05	1.69e-06
843	10	1.20e-03	1.67e-04	-4.42e-04	-6.38e-06	1.36e-05	1.67e-06

843	17	7.60e-04	4.92e-04	-1.26e-04	-2.21e-05	-1.86e-06	0.0
843	37	7.28e-04	2.30e-04	-2.69e-04	-9.79e-06	6.19e-06	0.0
843	42	5.91e-04	1.30e-04	-3.02e-04	-5.18e-06	6.00e-06	0.0
843	49	3.78e-04	2.80e-04	-1.54e-04	-1.25e-05	-1.16e-06	0.0
843	69	6.70e-04	2.18e-04	-2.61e-04	-9.31e-06	5.60e-06	0.0
843	74	5.44e-04	1.27e-04	-2.92e-04	-5.09e-06	5.42e-06	0.0
843	81	3.49e-04	2.64e-04	-1.56e-04	-1.17e-05	-1.14e-06	0.0
844	1	0.0	0.0	0.0	0.0	0.0	0.0
844	33	0.0	0.0	0.0	0.0	0.0	0.0
844	65	0.0	0.0	0.0	0.0	0.0	0.0
845	5	0.01	8.60e-03	-2.21e-03	-3.93e-05	-3.16e-05	7.08e-06
845	10	8.53e-03	3.91e-03	-2.67e-03	-1.21e-05	-1.99e-05	1.91e-05
845	17	5.23e-03	0.01	-9.20e-04	-4.66e-05	-2.78e-05	-4.04e-05
845	37	5.01e-03	4.81e-03	-1.72e-03	-1.71e-05	-1.31e-05	-3.43e-06
845	42	4.13e-03	2.61e-03	-1.94e-03	-4.35e-06	-7.46e-06	2.06e-06
845	49	2.52e-03	5.43e-03	-1.12e-03	-2.03e-05	-1.09e-05	-2.58e-05
845	69	4.60e-03	4.52e-03	-1.69e-03	-1.54e-05	-1.17e-05	-4.25e-06
845	74	3.79e-03	2.51e-03	-1.88e-03	-3.75e-06	-6.50e-06	0.0
845	81	2.32e-03	5.09e-03	-1.13e-03	-1.84e-05	-9.61e-06	-2.47e-05
846	5	0.01	0.01	-2.48e-03	-3.43e-05	-7.30e-05	-3.18e-06
846	10	0.01	4.50e-03	-2.94e-03	0.0	-2.19e-06	1.24e-05
846	17	6.57e-03	0.01	-1.16e-03	-4.19e-05	-5.58e-05	-5.81e-05
846	37	6.14e-03	5.57e-03	-1.98e-03	-5.85e-06	3.39e-06	-1.28e-05
846	42	5.08e-03	2.79e-03	-2.20e-03	9.94e-06	3.67e-05	-5.69e-06
846	49	3.34e-03	6.29e-03	-1.36e-03	-9.13e-06	1.24e-05	-3.86e-05
846	69	5.66e-03	5.20e-03	-1.94e-03	-3.71e-06	9.19e-06	-1.35e-05
846	74	4.70e-03	2.66e-03	-2.14e-03	1.07e-05	3.97e-05	-7.04e-06
846	81	3.10e-03	5.86e-03	-1.37e-03	-6.70e-06	1.74e-05	-3.72e-05
847	5	8.88e-03	6.83e-03	-2.01e-03	-3.73e-05	3.02e-05	6.98e-06
847	10	7.29e-03	3.18e-03	-2.43e-03	-1.45e-05	-1.50e-06	1.61e-05
847	17	4.36e-03	8.00e-03	-7.33e-04	-4.61e-05	5.24e-05	-3.19e-05
847	37	4.25e-03	3.90e-03	-1.50e-03	-2.00e-05	1.47e-05	-2.53e-06
847	42	3.50e-03	2.20e-03	-1.70e-03	-9.30e-06	0.0	1.60e-06
847	49	2.08e-03	4.42e-03	-9.08e-04	-2.39e-05	2.50e-05	-2.08e-05
847	69	3.90e-03	3.68e-03	-1.47e-03	-1.86e-05	1.35e-05	-3.27e-06
847	74	3.21e-03	2.12e-03	-1.65e-03	-8.89e-06	0.0	0.0
847	81	1.91e-03	4.16e-03	-9.20e-04	-2.23e-05	2.30e-05	-2.00e-05
848	5	7.46e-03	5.39e-03	-1.76e-03	-3.26e-05	-7.25e-06	8.97e-06
848	10	6.13e-03	2.55e-03	-2.15e-03	-1.36e-05	2.08e-06	1.44e-05
848	17	3.63e-03	6.29e-03	-5.61e-04	-4.11e-05	3.51e-05	-2.21e-05
848	37	3.58e-03	3.10e-03	-1.28e-03	-1.87e-05	-2.84e-06	0.0
848	42	2.95e-03	1.77e-03	-1.46e-03	-9.81e-06	1.72e-06	1.83e-06
848	49	1.74e-03	3.50e-03	-7.17e-04	-2.25e-05	1.70e-05	-1.53e-05
848	69	3.28e-03	2.93e-03	-1.24e-03	-1.76e-05	-2.49e-06	-1.36e-06
848	74	2.71e-03	1.71e-03	-1.41e-03	-9.51e-06	1.68e-06	0.0
848	81	1.60e-03	3.29e-03	-7.27e-04	-2.12e-05	1.57e-05	-1.48e-05
849	5	6.03e-03	4.04e-03	-1.49e-03	-3.13e-05	-1.04e-05	9.63e-06
849	10	4.96e-03	1.93e-03	-1.83e-03	-1.36e-05	5.43e-06	1.22e-05
849	17	2.93e-03	4.68e-03	-4.19e-04	-3.95e-05	3.05e-05	-1.35e-05
849	37	2.91e-03	2.32e-03	-1.05e-03	-1.84e-05	-4.25e-06	0.0
849	42	2.40e-03	1.34e-03	-1.21e-03	-1.01e-05	3.41e-06	1.89e-06
849	49	1.42e-03	2.60e-03	-5.51e-04	-2.21e-05	1.49e-05	-1.01e-05
849	69	2.67e-03	2.19e-03	-1.02e-03	-1.74e-05	-3.77e-06	0.0
849	74	2.20e-03	1.29e-03	-1.16e-03	-9.86e-06	3.25e-06	1.11e-06
849	81	1.30e-03	2.45e-03	-5.60e-04	-2.08e-05	1.38e-05	-9.88e-06
850	5	4.56e-03	2.75e-03	-1.19e-03	-2.90e-05	-1.22e-05	9.73e-06
850	10	3.74e-03	1.32e-03	-1.46e-03	-1.29e-05	8.08e-06	1.00e-05
850	17	2.23e-03	3.15e-03	-2.97e-04	-3.63e-05	2.52e-05	-6.18e-06
850	37	2.21e-03	1.57e-03	-8.22e-04	-1.72e-05	-5.09e-06	2.06e-06
850	42	1.83e-03	8.96e-04	-9.48e-04	-9.70e-06	4.70e-06	2.11e-06
850	49	1.09e-03	1.74e-03	-4.03e-04	-2.05e-05	1.24e-05	-5.44e-06
850	69	2.03e-03	1.48e-03	-7.94e-04	-1.63e-05	-4.54e-06	1.47e-06
850	74	1.68e-03	8.64e-04	-9.09e-04	-9.45e-06	4.43e-06	1.52e-06
850	81	1.01e-03	1.64e-03	-4.11e-04	-1.94e-05	1.15e-05	-5.40e-06
851	5	3.03e-03	1.55e-03	-8.35e-04	-2.62e-05	-1.73e-05	8.46e-06
851	10	2.48e-03	7.36e-04	-1.03e-03	-1.17e-05	-2.32e-05	8.16e-06
851	17	1.51e-03	1.76e-03	-1.91e-04	-3.22e-05	1.42e-05	-2.16e-06
851	37	1.49e-03	8.69e-04	-5.70e-04	-1.53e-05	-7.61e-06	2.62e-06
851	42	1.23e-03	4.86e-04	-6.59e-04	-8.50e-06	-1.03e-05	2.43e-06
851	49	7.54e-04	9.55e-04	-2.67e-04	-1.80e-05	7.18e-06	-2.39e-06
851	69	1.37e-03	8.17e-04	-5.49e-04	-1.45e-05	-6.87e-06	2.17e-06
851	74	1.13e-03	4.66e-04	-6.31e-04	-8.25e-06	-9.30e-06	1.99e-06
851	81	6.97e-04	8.96e-04	-2.72e-04	-1.69e-05	6.68e-06	-2.42e-06
852	5	1.47e-03	5.02e-04	-4.35e-04	-1.96e-05	-3.21e-05	6.94e-06
852	10	1.19e-03	2.33e-04	-5.33e-04	-8.34e-06	-3.13e-05	3.74e-06
852	17	7.60e-04	5.62e-04	-9.88e-05	-2.37e-05	-1.47e-06	4.77e-06
852	37	7.30e-04	2.74e-04	-2.94e-04	-1.09e-05	-1.49e-05	2.79e-06

852	42	5.98e-04	1.48e-04	-3.40e-04	-5.68e-06	-1.44e-05	1.28e-06
852	49	3.89e-04	3.00e-04	-1.37e-04	-1.28e-05	0.0	1.72e-06
852	69	6.74e-04	2.57e-04	-2.84e-04	-1.03e-05	-1.36e-05	2.47e-06
852	74	5.52e-04	1.42e-04	-3.26e-04	-5.47e-06	-1.31e-05	1.09e-06
852	81	3.60e-04	2.80e-04	-1.39e-04	-1.20e-05	0.0	1.49e-06
853	1	0.0	0.0	0.0	0.0	0.0	0.0
853	33	0.0	0.0	0.0	0.0	0.0	0.0
853	65	0.0	0.0	0.0	0.0	0.0	0.0
854	1	0.01	0.02	-0.01	7.99e-05	6.50e-05	2.48e-04
854	5	0.01	0.02	-0.01	8.04e-05	6.48e-05	2.48e-04
854	13	0.01	0.01	-0.01	8.24e-05	6.78e-05	2.09e-04
854	33	7.40e-03	9.46e-03	-5.07e-03	7.71e-05	1.96e-05	2.41e-04
854	37	7.43e-03	9.37e-03	-5.08e-03	7.73e-05	1.95e-05	2.41e-04
854	45	7.18e-03	8.19e-03	-5.31e-03	7.83e-05	2.09e-05	2.23e-04
854	65	6.87e-03	8.89e-03	-4.66e-03	7.69e-05	1.61e-05	2.40e-04
854	69	6.90e-03	8.80e-03	-4.67e-03	7.71e-05	1.61e-05	2.41e-04
854	77	6.66e-03	7.72e-03	-4.89e-03	7.80e-05	1.73e-05	2.24e-04
855	1	0.01	0.02	0.05	2.25e-04	-5.43e-04	-4.89e-04
855	20	-0.01	3.45e-04	0.06	2.35e-04	-6.74e-04	-3.96e-04
855	25	0.02	0.01	0.04	1.93e-04	-5.51e-04	-5.10e-04
855	33	8.14e-03	0.01	0.05	2.18e-04	-5.79e-04	-4.70e-04
855	52	-5.29e-03	3.09e-03	0.06	2.22e-04	-6.41e-04	-4.26e-04
855	57	0.01	7.80e-03	0.05	2.03e-04	-5.83e-04	-4.79e-04
855	65	7.68e-03	9.84e-03	0.05	2.17e-04	-5.82e-04	-4.68e-04
855	84	-4.62e-03	3.30e-03	0.06	2.21e-04	-6.38e-04	-4.28e-04
855	89	0.01	7.60e-03	0.05	2.04e-04	-5.86e-04	-4.77e-04
856	1	0.01	0.02	-7.55e-03	6.40e-05	3.53e-05	0.0
856	5	0.01	0.02	-7.56e-03	6.43e-05	3.52e-05	0.0
856	16	-0.01	-8.42e-03	0.01	2.74e-05	-1.25e-04	1.08e-05
856	33	5.76e-03	8.99e-03	-2.58e-03	5.52e-05	-5.79e-06	2.75e-06
856	37	5.79e-03	8.89e-03	-2.59e-03	5.53e-05	-5.85e-06	2.74e-06
856	48	-5.13e-03	-2.65e-03	6.54e-03	3.77e-05	-8.15e-05	7.81e-06
856	65	5.30e-03	8.45e-03	-2.20e-03	5.46e-05	-8.89e-06	2.95e-06
856	69	5.33e-03	8.36e-03	-2.21e-03	5.47e-05	-8.95e-06	2.95e-06
856	80	-4.67e-03	-2.21e-03	6.15e-03	3.85e-05	-7.82e-05	7.59e-06
857	1	9.71e-03	0.02	-4.86e-03	6.22e-05	1.73e-05	-2.06e-06
857	16	-0.01	-7.92e-03	0.01	1.05e-05	-1.20e-04	1.42e-05
857	33	4.49e-03	8.54e-03	-5.09e-04	4.86e-05	-1.76e-05	2.10e-06
857	48	-5.15e-03	-2.48e-03	7.46e-03	2.39e-05	-8.22e-05	9.79e-06
857	65	4.09e-03	8.02e-03	-1.80e-04	4.76e-05	-2.03e-05	2.41e-06
857	80	-4.74e-03	-2.07e-03	7.12e-03	2.49e-05	-7.94e-05	9.46e-06
858	1	8.06e-03	0.01	-1.95e-03	7.56e-05	-9.07e-06	1.08e-06
858	16	-0.01	-7.50e-03	0.01	2.20e-05	-1.24e-04	1.48e-05
858	33	3.50e-03	8.18e-03	1.74e-03	6.10e-05	-3.83e-05	4.56e-06
858	48	-5.11e-03	-2.33e-03	8.52e-03	3.54e-05	-9.24e-05	1.10e-05
858	65	3.16e-03	7.69e-03	2.02e-03	5.99e-05	-4.04e-05	4.82e-06
858	80	-4.73e-03	-1.93e-03	8.22e-03	3.64e-05	-9.00e-05	1.07e-05
859	1	6.90e-03	0.01	1.65e-03	9.97e-05	-4.45e-05	5.31e-06
859	12	-9.74e-03	-7.22e-03	0.01	5.14e-05	-1.41e-04	1.68e-05
859	32	-0.01	-3.50e-03	0.01	7.36e-05	-1.46e-04	1.74e-05
859	33	2.82e-03	7.95e-03	4.77e-03	8.62e-05	-6.89e-05	8.21e-06
859	44	-5.00e-03	-2.18e-03	0.01	6.32e-05	-1.14e-04	1.36e-05
859	64	-5.16e-03	-3.91e-04	0.01	7.37e-05	-1.16e-04	1.39e-05
859	65	2.51e-03	7.48e-03	5.00e-03	8.52e-05	-7.07e-05	8.43e-06
859	76	-4.65e-03	-1.80e-03	0.01	6.41e-05	-1.12e-04	1.33e-05
859	96	-4.79e-03	-1.60e-04	0.01	7.37e-05	-1.14e-04	1.36e-05
860	1	6.42e-03	0.01	6.28e-03	1.32e-04	-9.11e-05	5.98e-06
860	24	-0.01	-3.61e-03	0.02	1.13e-04	-1.85e-04	2.08e-05
860	32	-0.01	-2.97e-03	0.02	1.12e-04	-1.85e-04	2.08e-05
860	33	2.54e-03	7.88e-03	8.99e-03	1.21e-04	-1.13e-04	1.00e-05
860	56	-5.52e-03	-3.46e-04	0.01	1.11e-04	-1.56e-04	1.70e-05
860	64	-5.64e-03	-5.75e-05	0.01	1.11e-04	-1.56e-04	1.70e-05
860	65	2.25e-03	7.43e-03	9.20e-03	1.20e-04	-1.14e-04	1.03e-05
860	88	-5.13e-03	-1.05e-04	0.01	1.11e-04	-1.54e-04	1.67e-05
860	96	-5.23e-03	1.59e-04	0.01	1.11e-04	-1.54e-04	1.67e-05
861	1	6.73e-03	0.01	0.01	1.73e-04	-1.49e-04	1.77e-05
861	24	-0.01	-2.90e-03	0.02	1.60e-04	-2.42e-04	3.24e-05
861	32	-0.01	-2.30e-03	0.02	1.59e-04	-2.42e-04	3.23e-05
861	33	2.73e-03	8.01e-03	0.01	1.63e-04	-1.70e-04	2.18e-05
861	56	-5.89e-03	1.62e-04	0.02	1.56e-04	-2.14e-04	2.86e-05
861	64	-6.03e-03	4.31e-04	0.02	1.56e-04	-2.13e-04	2.86e-05
861	65	2.44e-03	7.57e-03	0.01	1.62e-04	-1.72e-04	2.21e-05
861	88	-5.45e-03	3.88e-04	0.02	1.56e-04	-2.12e-04	2.84e-05
861	96	-5.58e-03	6.34e-04	0.02	1.56e-04	-2.11e-04	2.83e-05
862	1	7.80e-03	0.01	0.02	2.17e-04	-2.21e-04	2.64e-05
862	24	-0.01	-2.03e-03	0.03	2.10e-04	-3.20e-04	3.82e-05
862	32	-0.01	-1.48e-03	0.03	2.08e-04	-3.20e-04	3.81e-05

862	33	3.42e-03	8.35e-03	0.02	2.08e-04	-2.45e-04	2.92e-05
862	56	-6.12e-03	8.43e-04	0.03	2.04e-04	-2.91e-04	3.47e-05
862	64	-6.28e-03	1.09e-03	0.03	2.03e-04	-2.91e-04	3.47e-05
862	65	3.10e-03	7.93e-03	0.02	2.07e-04	-2.47e-04	2.94e-05
862	88	-5.63e-03	1.06e-03	0.03	2.04e-04	-2.89e-04	3.45e-05
862	96	-5.78e-03	1.28e-03	0.03	2.03e-04	-2.89e-04	3.44e-05
863	1	9.48e-03	0.01	0.03	2.52e-04	-3.06e-04	3.65e-05
863	20	-0.01	-1.65e-03	0.04	2.51e-04	-4.18e-04	4.98e-05
863	29	0.01	8.61e-03	0.03	2.26e-04	-3.03e-04	3.61e-05
863	33	4.55e-03	8.89e-03	0.03	2.44e-04	-3.34e-04	3.98e-05
863	52	-6.07e-03	1.37e-03	0.04	2.44e-04	-3.87e-04	4.61e-05
863	61	6.93e-03	6.18e-03	0.03	2.32e-04	-3.37e-04	3.97e-05
863	65	4.19e-03	8.48e-03	0.03	2.44e-04	-3.36e-04	4.01e-05
863	84	-5.53e-03	1.60e-03	0.04	2.43e-04	-3.84e-04	4.58e-05
863	93	6.37e-03	6.00e-03	0.03	2.33e-04	-3.35e-04	3.99e-05
864	1	0.01	0.01	0.04	2.55e-04	-3.97e-04	4.74e-05
864	20	-0.01	-6.01e-04	0.05	2.61e-04	-5.23e-04	6.23e-05
864	29	0.02	9.16e-03	0.04	2.27e-04	-4.01e-04	4.77e-05
864	33	6.12e-03	9.56e-03	0.04	2.48e-04	-4.30e-04	5.12e-05
864	52	-5.86e-03	2.27e-03	0.05	2.51e-04	-4.89e-04	5.83e-05
864	61	8.70e-03	6.84e-03	0.04	2.35e-04	-4.32e-04	5.15e-05
864	65	5.71e-03	9.16e-03	0.04	2.48e-04	-4.33e-04	5.15e-05
864	84	-5.25e-03	2.48e-03	0.05	2.50e-04	-4.86e-04	5.80e-05
864	93	8.07e-03	6.67e-03	0.04	2.35e-04	-4.34e-04	5.17e-05
865	1	0.01	0.01	0.01	-2.11e-05	-6.12e-04	-8.85e-04
865	20	-0.01	-3.30e-03	0.02	4.46e-05	-7.46e-04	-7.65e-04
865	25	0.02	9.74e-03	9.54e-03	-2.41e-05	-6.23e-04	-9.05e-04
865	33	8.03e-03	7.61e-03	0.01	-5.20e-06	-6.50e-04	-8.58e-04
865	52	-5.39e-03	3.37e-04	0.02	2.52e-05	-7.13e-04	-8.02e-04
865	57	0.01	6.45e-03	0.01	-6.51e-06	-6.55e-04	-8.67e-04
865	65	7.58e-03	7.27e-03	0.01	-4.04e-06	-6.53e-04	-8.56e-04
865	84	-4.71e-03	6.08e-04	0.02	2.38e-05	-7.11e-04	-8.04e-04
865	89	0.01	6.21e-03	0.01	-5.24e-06	-6.47e-04	-8.64e-04
866	1	0.01	0.01	0.03	9.79e-05	-5.49e-04	-6.38e-04
866	20	-0.01	-1.30e-03	0.04	1.62e-04	-6.79e-04	-5.47e-04
866	25	0.02	9.86e-03	0.03	9.47e-05	-5.56e-04	-6.57e-04
866	33	8.09e-03	8.95e-03	0.03	1.13e-04	-5.85e-04	-6.18e-04
866	52	-5.34e-03	1.82e-03	0.04	1.43e-04	-6.46e-04	-5.76e-04
866	57	0.01	7.06e-03	0.03	1.12e-04	-5.89e-04	-6.27e-04
866	65	7.63e-03	8.58e-03	0.03	1.14e-04	-5.88e-04	-6.17e-04
866	84	-4.66e-03	2.05e-03	0.04	1.41e-04	-6.44e-04	-5.78e-04
866	89	0.01	6.85e-03	0.03	1.13e-04	-5.91e-04	-6.25e-04
867	1	0.01	0.01	-8.94e-03	9.55e-05	8.33e-05	3.13e-04
867	5	0.01	0.01	-8.96e-03	9.60e-05	8.32e-05	3.14e-04
867	13	0.01	0.01	-9.34e-03	9.56e-05	8.65e-05	3.03e-04
867	33	7.27e-03	7.80e-03	-5.17e-03	9.23e-05	3.87e-05	3.01e-04
867	37	7.30e-03	7.69e-03	-5.18e-03	9.26e-05	3.86e-05	3.02e-04
867	45	7.05e-03	6.71e-03	-5.36e-03	9.23e-05	4.02e-05	2.96e-04
867	65	6.74e-03	7.29e-03	-4.88e-03	9.21e-05	3.53e-05	3.00e-04
867	69	6.78e-03	7.19e-03	-4.89e-03	9.23e-05	3.52e-05	3.01e-04
867	77	6.55e-03	6.29e-03	-5.05e-03	9.21e-05	3.67e-05	2.96e-04
868	1	0.01	0.01	-5.90e-03	9.95e-05	8.90e-05	2.46e-04
868	5	0.01	0.01	-5.89e-03	1.00e-04	8.89e-05	2.48e-04
868	14	0.01	6.90e-03	-7.22e-03	1.25e-04	6.20e-05	2.78e-04
868	33	7.07e-03	6.32e-03	-4.20e-03	1.07e-04	5.04e-05	2.76e-04
868	37	7.10e-03	6.21e-03	-4.19e-03	1.07e-04	5.04e-05	2.76e-04
868	46	5.84e-03	3.80e-03	-4.81e-03	1.19e-04	3.79e-05	2.90e-04
868	65	6.55e-03	5.87e-03	-4.07e-03	1.08e-04	4.75e-05	2.78e-04
868	69	6.58e-03	5.77e-03	-4.06e-03	1.08e-04	4.75e-05	2.79e-04
868	78	5.43e-03	3.56e-03	-4.63e-03	1.18e-04	3.60e-05	2.91e-04
869	1	0.01	0.01	9.26e-03	6.41e-05	-4.00e-04	4.77e-05
869	20	-0.01	-3.69e-03	0.02	1.10e-04	-5.28e-04	6.30e-05
869	29	0.02	9.03e-03	8.49e-03	6.18e-05	-4.05e-04	4.83e-05
869	33	6.00e-03	7.25e-03	0.01	7.50e-05	-4.34e-04	5.17e-05
869	52	-5.96e-03	-3.69e-05	0.01	9.65e-05	-4.94e-04	5.89e-05
869	61	8.57e-03	5.92e-03	0.01	7.40e-05	-4.36e-04	5.20e-05
869	65	5.59e-03	6.91e-03	0.01	7.58e-05	-4.37e-04	5.20e-05
869	84	-5.36e-03	2.35e-04	0.01	9.55e-05	-4.92e-04	5.86e-05
869	93	7.95e-03	5.69e-03	0.01	7.49e-05	-4.39e-04	5.23e-05
870	1	9.41e-03	0.01	6.44e-03	7.71e-05	-2.97e-04	3.53e-05
870	24	-0.01	-3.92e-03	0.01	1.09e-04	-4.85e-04	4.83e-05
870	29	0.01	8.46e-03	5.76e-03	7.41e-05	-2.92e-04	3.48e-05
870	33	4.47e-03	6.67e-03	7.93e-03	8.42e-05	-3.24e-04	3.86e-05
870	56	-6.19e-03	-4.48e-04	0.01	9.90e-05	-3.75e-04	4.47e-05
870	61	6.84e-03	5.34e-03	7.63e-03	8.28e-05	-3.22e-04	3.84e-05
870	65	4.12e-03	6.33e-03	8.04e-03	8.47e-05	-3.26e-04	3.89e-05
870	88	-5.65e-03	-1.91e-04	0.01	9.82e-05	-3.73e-04	4.44e-05

870	93	6.28e-03	5.11e-03	7.76e-03	8.35e-05	-3.24e-04	3.87e-05
871	1	7.73e-03	0.01	3.88e-03	6.33e-05	-2.06e-04	2.46e-05
871	24	-0.01	-4.43e-03	9.57e-03	8.31e-05	-3.04e-04	3.62e-05
871	32	-0.01	-3.78e-03	9.48e-03	8.17e-05	-3.03e-04	3.62e-05
871	33	3.36e-03	6.22e-03	5.23e-03	6.84e-05	-2.29e-04	2.73e-05
871	56	-6.14e-03	-9.39e-04	7.89e-03	7.76e-05	-2.75e-04	3.28e-05
871	64	-6.31e-03	-6.40e-04	7.85e-03	7.70e-05	-2.75e-04	3.27e-05
871	65	3.04e-03	5.87e-03	5.33e-03	6.88e-05	-2.31e-04	2.75e-05
871	88	-5.66e-03	-6.80e-04	7.77e-03	7.72e-05	-2.73e-04	3.25e-05
871	96	-5.81e-03	-4.07e-04	7.73e-03	7.66e-05	-2.73e-04	3.25e-05
872	1	6.63e-03	0.01	1.81e-03	5.79e-05	-1.35e-04	1.87e-05
872	24	-0.01	-4.87e-03	7.08e-03	6.21e-05	-2.25e-04	3.38e-05
872	32	-0.01	-4.21e-03	7.03e-03	6.10e-05	-2.25e-04	3.37e-05
872	33	2.66e-03	5.92e-03	3.10e-03	5.60e-05	-1.55e-04	2.28e-05
872	56	-5.90e-03	-1.32e-03	5.58e-03	5.79e-05	-1.97e-04	2.99e-05
872	64	-6.04e-03	-1.02e-03	5.55e-03	5.75e-05	-1.97e-04	2.98e-05
872	65	2.37e-03	5.57e-03	3.20e-03	5.59e-05	-1.57e-04	2.31e-05
872	88	-5.47e-03	-1.06e-03	5.47e-03	5.76e-05	-1.95e-04	2.96e-05
872	96	-5.59e-03	-7.85e-04	5.44e-03	5.72e-05	-1.95e-04	2.95e-05
873	1	6.27e-03	0.01	1.36e-04	4.45e-05	-8.10e-05	3.00e-06
873	12	-9.48e-03	-6.02e-03	5.31e-03	3.39e-05	-1.60e-04	1.77e-05
873	32	-0.01	-4.60e-03	5.28e-03	4.34e-05	-1.71e-04	1.66e-05
873	33	2.44e-03	5.77e-03	1.48e-03	4.15e-05	-1.01e-04	6.77e-06
873	44	-4.91e-03	-2.03e-03	3.93e-03	3.64e-05	-1.37e-04	1.37e-05
873	64	-5.64e-03	-1.33e-03	3.90e-03	4.09e-05	-1.43e-04	1.32e-05
873	65	2.16e-03	5.42e-03	1.58e-03	4.13e-05	-1.03e-04	7.06e-06
873	76	-4.57e-03	-1.73e-03	3.82e-03	3.66e-05	-1.37e-04	1.34e-05
873	96	-5.24e-03	-1.08e-03	3.80e-03	4.07e-05	-1.41e-04	1.29e-05
874	1	6.71e-03	0.01	-1.21e-03	3.43e-05	-3.87e-05	4.61e-06
874	12	-9.65e-03	-6.40e-03	4.47e-03	1.91e-05	-1.28e-04	1.53e-05
874	32	-0.01	-4.98e-03	4.11e-03	2.94e-05	-1.33e-04	1.59e-05
874	33	2.70e-03	5.76e-03	2.64e-04	3.01e-05	-6.12e-05	7.30e-06
874	44	-4.98e-03	-2.28e-03	2.95e-03	2.28e-05	-1.03e-04	1.23e-05
874	64	-5.14e-03	-1.58e-03	2.77e-03	2.77e-05	-1.05e-04	1.26e-05
874	65	2.40e-03	5.39e-03	3.76e-04	2.98e-05	-6.29e-05	7.49e-06
874	76	-4.63e-03	-1.97e-03	2.84e-03	2.31e-05	-1.01e-04	1.21e-05
874	96	-4.78e-03	-1.33e-03	2.67e-03	2.76e-05	-1.03e-04	1.23e-05
875	1	7.84e-03	0.01	-2.33e-03	2.70e-05	-6.70e-06	0.0
875	16	-0.01	-6.60e-03	4.13e-03	7.93e-06	-1.12e-04	1.33e-05
875	33	3.37e-03	5.85e-03	-6.44e-04	2.20e-05	-3.33e-05	3.97e-06
875	48	-5.07e-03	-2.42e-03	2.42e-03	1.29e-05	-8.28e-05	9.87e-06
875	65	3.04e-03	5.47e-03	-5.17e-04	2.16e-05	-3.53e-05	4.21e-06
875	80	-4.70e-03	-2.11e-03	2.29e-03	1.33e-05	-8.07e-05	9.61e-06
876	1	9.48e-03	0.01	-3.30e-03	2.52e-05	1.87e-05	-2.23e-06
876	16	-0.01	-7.07e-03	4.13e-03	4.40e-06	-1.06e-04	1.26e-05
876	33	4.36e-03	6.03e-03	-1.37e-03	2.00e-05	-1.30e-05	1.55e-06
876	48	-5.12e-03	-2.67e-03	2.16e-03	1.01e-05	-7.17e-05	8.55e-06
876	65	3.97e-03	5.63e-03	-1.22e-03	1.96e-05	-1.54e-05	1.83e-06
876	80	-4.71e-03	-2.34e-03	2.01e-03	1.05e-05	-6.92e-05	8.24e-06
877	1	0.01	0.01	-3.46e-03	3.96e-05	4.67e-05	0.0
877	5	0.01	0.01	-4.43e-03	4.01e-05	4.66e-05	0.0
877	13	0.01	0.01	-4.53e-03	4.25e-05	5.12e-05	0.0
877	33	5.57e-03	6.24e-03	-1.79e-03	3.70e-05	8.63e-06	2.30e-06
877	37	5.60e-03	6.13e-03	-2.24e-03	3.73e-05	8.59e-06	2.30e-06
877	45	5.57e-03	5.40e-03	-2.29e-03	3.84e-05	1.08e-05	2.09e-06
877	65	5.12e-03	5.82e-03	-1.66e-03	3.68e-05	5.76e-06	2.47e-06
877	69	5.15e-03	5.72e-03	-2.07e-03	3.70e-05	5.72e-06	2.47e-06
877	77	5.13e-03	5.04e-03	-2.12e-03	3.81e-05	7.74e-06	2.28e-06
878	1	0.01	0.01	0.02	1.91e-04	-3.98e-04	4.74e-05
878	20	-0.01	-2.02e-03	0.03	2.01e-04	-5.24e-04	6.24e-05
878	29	0.02	8.90e-03	0.02	1.67e-04	-4.01e-04	4.78e-05
878	33	6.05e-03	8.40e-03	0.03	1.86e-04	-4.30e-04	5.13e-05
878	52	-5.92e-03	1.17e-03	0.03	1.91e-04	-4.90e-04	5.83e-05
878	61	8.63e-03	6.29e-03	0.03	1.75e-04	-4.32e-04	5.15e-05
878	65	5.64e-03	8.03e-03	0.03	1.86e-04	-4.33e-04	5.16e-05
878	84	-5.31e-03	1.41e-03	0.03	1.90e-04	-4.87e-04	5.80e-05
878	93	8.00e-03	6.10e-03	0.03	1.76e-04	-4.35e-04	5.18e-05
879	1	9.42e-03	0.01	0.02	1.88e-04	-3.10e-04	3.69e-05
879	20	-0.01	-2.88e-03	0.03	1.94e-04	-4.23e-04	5.04e-05
879	29	0.01	8.37e-03	0.02	1.68e-04	-3.07e-04	3.66e-05
879	33	4.49e-03	7.78e-03	0.02	1.84e-04	-3.38e-04	4.03e-05
879	52	-6.11e-03	4.12e-04	0.02	1.86e-04	-3.91e-04	4.66e-05
879	61	6.86e-03	5.68e-03	0.02	1.74e-04	-3.37e-04	4.01e-05
879	65	4.13e-03	7.40e-03	0.02	1.83e-04	-3.40e-04	4.05e-05
879	84	-5.57e-03	6.56e-04	0.02	1.85e-04	-3.88e-04	4.63e-05
879	93	6.30e-03	5.48e-03	0.02	1.75e-04	-3.39e-04	4.04e-05
880	1	7.74e-03	0.01	0.01	1.59e-04	-2.25e-04	2.68e-05

880	24	-0.01	-3.17e-03	0.02	1.59e-04	-3.24e-04	3.86e-05
880	32	-0.01	-2.52e-03	0.02	1.57e-04	-3.24e-04	3.86e-05
880	33	3.36e-03	7.27e-03	0.01	1.53e-04	-2.49e-04	2.97e-05
880	56	-6.15e-03	-3.07e-05	0.02	1.53e-04	-2.95e-04	3.52e-05
880	64	-6.31e-03	2.67e-04	0.02	1.52e-04	-2.95e-04	3.51e-05
880	65	3.05e-03	6.89e-03	0.01	1.53e-04	-2.51e-04	2.99e-05
880	88	-5.66e-03	2.02e-04	0.02	1.53e-04	-2.93e-04	3.49e-05
880	96	-5.81e-03	4.74e-04	0.02	1.52e-04	-2.93e-04	3.49e-05
881	1	6.66e-03	0.01	6.93e-03	1.25e-04	-1.51e-04	2.09e-05
881	24	-0.01	-3.85e-03	0.01	1.20e-04	-2.44e-04	3.62e-05
881	32	-0.01	-3.18e-03	0.01	1.19e-04	-2.44e-04	3.61e-05
881	33	2.68e-03	6.95e-03	8.80e-03	1.19e-04	-1.73e-04	2.51e-05
881	56	-5.91e-03	-5.76e-04	0.01	1.16e-04	-2.16e-04	3.23e-05
881	64	-6.05e-03	-2.70e-04	0.01	1.15e-04	-2.16e-04	3.22e-05
881	65	2.39e-03	6.56e-03	8.94e-03	1.18e-04	-1.74e-04	2.54e-05
881	88	-5.47e-03	-3.34e-04	0.01	1.16e-04	-2.14e-04	3.20e-05
881	96	-5.60e-03	-5.41e-05	0.01	1.15e-04	-2.14e-04	3.19e-05
882	1	6.32e-03	0.01	3.12e-03	9.56e-05	-9.36e-05	3.73e-06
882	24	-0.01	-4.42e-03	0.01	8.48e-05	-1.87e-04	1.86e-05
882	32	-0.01	-3.73e-03	0.01	8.39e-05	-1.87e-04	1.86e-05
882	33	2.47e-03	6.82e-03	5.14e-03	8.76e-05	-1.15e-04	7.84e-06
882	56	-5.53e-03	-9.91e-04	8.92e-03	8.23e-05	-1.58e-04	1.48e-05
882	64	-5.65e-03	-6.77e-04	8.90e-03	8.19e-05	-1.58e-04	1.48e-05
882	65	2.18e-03	6.42e-03	5.29e-03	8.70e-05	-1.17e-04	8.15e-06
882	88	-5.14e-03	-7.38e-04	8.75e-03	8.21e-05	-1.56e-04	1.45e-05
882	96	-5.25e-03	-4.50e-04	8.74e-03	8.18e-05	-1.56e-04	1.46e-05
883	1	6.78e-03	0.01	1.51e-04	7.22e-05	-4.66e-05	5.55e-06
883	12	-9.70e-03	-6.86e-03	9.03e-03	3.80e-05	-1.42e-04	1.69e-05
883	32	-0.01	-4.21e-03	8.73e-03	5.52e-05	-1.47e-04	1.76e-05
883	33	2.74e-03	6.85e-03	2.44e-03	6.27e-05	-7.07e-05	8.43e-06
883	44	-5.00e-03	-2.26e-03	6.63e-03	4.63e-05	-1.15e-04	1.37e-05
883	64	-5.16e-03	-9.80e-04	6.47e-03	5.44e-05	-1.18e-04	1.40e-05
883	65	2.44e-03	6.44e-03	2.61e-03	6.19e-05	-7.25e-05	8.64e-06
883	76	-4.65e-03	-1.92e-03	6.45e-03	4.70e-05	-1.13e-04	1.35e-05
883	96	-4.79e-03	-7.40e-04	6.30e-03	5.44e-05	-1.16e-04	1.38e-05
884	1	7.92e-03	0.01	-2.18e-03	5.53e-05	-1.08e-05	1.29e-06
884	16	-0.01	-7.10e-03	8.15e-03	1.60e-05	-1.24e-04	1.48e-05
884	33	3.42e-03	7.02e-03	4.90e-04	4.47e-05	-3.95e-05	4.71e-06
884	48	-5.10e-03	-2.41e-03	5.38e-03	2.59e-05	-9.28e-05	1.11e-05
884	65	3.08e-03	6.59e-03	6.92e-04	4.39e-05	-4.16e-05	4.96e-06
884	80	-4.72e-03	-2.05e-03	5.17e-03	2.66e-05	-9.05e-05	1.08e-05
885	1	9.56e-03	0.01	-4.11e-03	4.74e-05	1.75e-05	-2.09e-06
885	16	-0.01	-7.55e-03	7.93e-03	8.15e-06	-1.17e-04	1.40e-05
885	33	4.40e-03	7.29e-03	-9.95e-04	3.72e-05	-1.68e-05	2.00e-06
885	48	-5.14e-03	-2.61e-03	4.71e-03	1.84e-05	-8.03e-05	9.57e-06
885	65	4.01e-03	6.83e-03	-7.58e-04	3.64e-05	-1.93e-05	2.31e-06
885	80	-4.73e-03	-2.24e-03	4.47e-03	1.92e-05	-7.75e-05	9.24e-06
886	1	0.01	0.01	-6.12e-03	5.65e-05	4.02e-05	0.0
886	5	0.01	0.01	-6.14e-03	5.68e-05	4.00e-05	0.0
886	16	-0.01	-8.09e-03	7.62e-03	2.89e-05	-1.16e-04	1.04e-05
886	33	5.65e-03	7.59e-03	-2.57e-03	5.01e-05	0.0	2.44e-06
886	37	5.68e-03	7.48e-03	-2.58e-03	5.02e-05	0.0	2.43e-06
886	48	-5.11e-03	-2.87e-03	3.95e-03	3.69e-05	-7.32e-05	7.45e-06
886	65	5.20e-03	7.10e-03	-2.30e-03	4.96e-05	-2.64e-06	2.64e-06
886	69	5.23e-03	7.01e-03	-2.31e-03	4.97e-05	-2.71e-06	2.64e-06
886	80	-4.66e-03	-2.48e-03	3.67e-03	3.75e-05	-7.01e-05	7.23e-06
887	4	-0.01	-0.01	-0.01	2.59e-04	-1.87e-04	-1.67e-05
887	5	0.02	9.02e-03	-0.01	2.00e-04	-1.92e-05	1.10e-04
887	10	0.02	3.37e-03	-0.01	2.15e-04	-4.55e-05	1.05e-04
887	36	-5.34e-03	-6.34e-03	-0.01	2.44e-04	-1.43e-04	1.67e-05
887	37	9.72e-03	3.58e-03	-0.01	2.16e-04	-6.32e-05	7.74e-05
887	42	8.30e-03	9.31e-04	-0.01	2.23e-04	-7.54e-05	7.49e-05
887	68	-4.71e-03	-5.92e-03	-0.01	2.42e-04	-1.39e-04	1.93e-05
887	69	9.09e-03	3.17e-03	-0.01	2.17e-04	-6.65e-05	7.49e-05
887	74	7.78e-03	7.42e-04	-0.01	2.23e-04	-7.77e-05	7.26e-05
888	4	-0.02	-0.01	-0.02	2.27e-04	-2.40e-04	-1.55e-05
888	6	0.02	3.90e-03	-0.02	1.71e-04	-1.04e-04	1.28e-04
888	22	5.21e-03	-8.21e-03	-0.02	1.79e-04	-1.85e-04	7.94e-05
888	36	-5.72e-03	-8.11e-03	-0.02	2.15e-04	-1.97e-04	2.01e-05
888	38	0.01	3.72e-04	-0.02	1.89e-04	-1.32e-04	8.84e-05
888	54	4.34e-03	-5.34e-03	-0.02	1.93e-04	-1.70e-04	6.53e-05
888	68	-4.95e-03	-7.67e-03	-0.02	2.14e-04	-1.93e-04	2.28e-05
888	70	0.01	9.89e-05	-0.02	1.90e-04	-1.34e-04	8.54e-05
888	86	4.27e-03	-5.13e-03	-0.02	1.94e-04	-1.69e-04	6.42e-05
889	4	-0.02	-0.02	-0.03	1.66e-04	-2.97e-04	-1.62e-05
889	6	0.03	3.25e-03	-0.03	1.10e-04	-1.63e-04	1.36e-04
889	18	0.01	-8.74e-03	-0.03	1.15e-04	-2.43e-04	8.77e-05

889	36	-5.40e-03	-9.48e-03	-0.03	1.55e-04	-2.54e-04	2.18e-05
889	38	0.02	-5.33e-04	-0.03	1.28e-04	-1.91e-04	9.44e-05
889	50	9.51e-03	-6.19e-03	-0.03	1.30e-04	-2.28e-04	7.14e-05
889	68	-4.56e-03	-9.02e-03	-0.03	1.54e-04	-2.51e-04	2.47e-05
889	70	0.01	-8.25e-04	-0.03	1.29e-04	-1.93e-04	9.12e-05
889	82	9.10e-03	-6.00e-03	-0.03	1.32e-04	-2.27e-04	7.01e-05
890	4	-0.02	-0.02	-0.04	8.40e-05	-3.55e-04	-1.85e-05
890	6	0.03	3.27e-03	-0.03	3.18e-05	-2.25e-04	1.42e-04
890	20	1.86e-03	-0.01	-0.04	5.17e-05	-3.40e-04	4.35e-05
890	36	-6.39e-03	-0.01	-0.04	7.32e-05	-3.14e-04	2.16e-05
890	38	0.02	-7.92e-04	-0.03	4.84e-05	-2.52e-04	9.80e-05
890	52	3.70e-03	-9.43e-03	-0.04	5.81e-05	-3.06e-04	5.11e-05
890	68	-5.39e-03	-9.77e-03	-0.04	7.24e-05	-3.11e-04	2.46e-05
890	70	0.02	-1.11e-03	-0.03	4.97e-05	-2.54e-04	9.47e-05
890	84	3.85e-03	-9.02e-03	-0.04	5.85e-05	-3.04e-04	5.17e-05
891	4	-0.03	-0.02	-0.04	-4.02e-06	-4.15e-04	-2.24e-05
891	6	0.04	4.00e-03	-0.03	-4.68e-05	-2.89e-04	1.44e-04
891	19	1.65e-03	1.36e-04	-0.04	3.87e-06	-3.20e-04	2.21e-05
891	35	-7.88e-03	-8.21e-03	-0.04	-7.71e-06	-3.65e-04	1.62e-05
891	36	-9.24e-03	-0.01	-0.04	-1.27e-05	-3.76e-04	1.91e-05
891	38	0.02	-3.39e-04	-0.03	-3.29e-05	-3.16e-04	9.86e-05
891	67	-6.73e-03	-7.89e-03	-0.04	-8.80e-06	-3.63e-04	1.97e-05
891	68	-7.98e-03	-9.83e-03	-0.04	-1.33e-05	-3.73e-04	2.23e-05
891	70	0.02	-6.74e-04	-0.03	-3.19e-05	-3.18e-04	9.51e-05
892	3	-0.03	-0.01	-0.04	-7.08e-05	-4.57e-04	-2.83e-05
892	4	-0.03	-0.02	-0.03	-8.03e-05	-4.77e-04	-3.49e-05
892	6	0.04	5.37e-03	-0.03	-1.10e-04	-3.57e-04	1.42e-04
892	35	-9.99e-03	-7.60e-03	-0.03	-8.15e-05	-4.31e-04	1.42e-05
892	36	-0.01	-9.75e-03	-0.03	-8.59e-05	-4.40e-04	1.10e-05
892	38	0.02	7.66e-04	-0.03	-1.00e-04	-3.83e-04	9.56e-05
892	67	-8.68e-03	-7.26e-03	-0.03	-8.23e-05	-4.29e-04	1.74e-05
892	68	-0.01	-9.22e-03	-0.03	-8.63e-05	-4.38e-04	1.46e-05
892	70	0.02	4.10e-04	-0.03	-9.93e-05	-3.85e-04	9.20e-05
893	3	-0.03	-0.01	-0.03	-1.18e-04	-5.30e-04	-3.67e-05
893	4	-0.04	-0.02	-0.03	-1.27e-04	-5.48e-04	-4.33e-05
893	6	0.05	7.19e-03	-0.02	-1.46e-04	-4.32e-04	1.36e-04
893	35	-0.01	-6.48e-03	-0.03	-1.25e-04	-5.04e-04	6.22e-06
893	36	-0.01	-8.68e-03	-0.03	-1.30e-04	-5.13e-04	3.08e-06
893	38	0.02	2.34e-03	-0.02	-1.38e-04	-4.58e-04	8.85e-05
893	67	-0.01	-6.12e-03	-0.03	-1.26e-04	-5.03e-04	9.52e-06
893	68	-0.01	-8.13e-03	-0.03	-1.30e-04	-5.10e-04	6.64e-06
893	70	0.02	1.96e-03	-0.02	-1.38e-04	-4.60e-04	8.49e-05
894	4	-0.04	-0.01	-0.02	-1.20e-04	-6.37e-04	-4.85e-05
894	6	0.05	9.13e-03	-0.01	-1.44e-04	-5.25e-04	1.23e-04
894	19	-3.09e-03	3.96e-03	-0.02	-1.08e-04	-5.65e-04	-2.26e-06
894	36	-0.02	-7.41e-03	-0.02	-1.24e-04	-6.04e-04	-5.65e-06
894	38	0.02	4.07e-03	-0.02	-1.35e-04	-5.50e-04	7.63e-05
894	51	-1.53e-05	1.49e-03	-0.02	-1.19e-04	-5.70e-04	1.65e-05
894	68	-0.02	-6.84e-03	-0.02	-1.25e-04	-6.01e-04	-2.35e-06
894	70	0.02	3.68e-03	-0.02	-1.35e-04	-5.52e-04	7.27e-05
894	83	2.29e-04	1.31e-03	-0.02	-1.20e-04	-5.70e-04	1.80e-05
895	1	0.05	0.02	-0.01	-4.50e-05	-6.63e-04	9.71e-05
895	7	-0.05	-9.33e-03	-0.02	-8.20e-05	-7.74e-04	-7.06e-05
895	19	-6.93e-03	5.49e-03	-0.02	-8.28e-05	-7.50e-04	-1.72e-05
895	33	0.02	7.81e-03	-0.01	-5.18e-05	-6.88e-04	5.50e-05
895	39	-0.02	-4.10e-03	-0.02	-6.92e-05	-7.42e-04	-2.51e-05
895	51	-3.49e-03	2.91e-03	-0.02	-6.95e-05	-7.30e-04	0.0
895	65	0.02	7.21e-03	-0.01	-5.23e-05	-6.90e-04	5.18e-05
895	71	-0.02	-3.69e-03	-0.02	-6.83e-05	-7.39e-04	-2.16e-05
895	83	-3.21e-03	2.72e-03	-0.02	-6.85e-05	-7.28e-04	1.80e-06
896	1	0.02	0.02	-0.01	7.63e-05	-9.66e-06	1.04e-06
896	5	0.02	0.02	-0.01	7.68e-05	-9.94e-06	1.07e-06
896	9	0.02	0.02	-0.01	8.42e-05	-3.73e-06	0.0
896	33	9.90e-03	9.74e-03	-8.76e-03	9.40e-05	-5.24e-05	9.72e-06
896	37	9.95e-03	9.64e-03	-8.76e-03	9.42e-05	-5.25e-05	9.74e-06
896	41	9.39e-03	8.48e-03	-9.17e-03	9.79e-05	-4.96e-05	9.48e-06
896	65	9.25e-03	9.11e-03	-8.36e-03	9.53e-05	-5.56e-05	1.04e-05
896	69	9.30e-03	9.02e-03	-8.36e-03	9.55e-05	-5.58e-05	1.04e-05
896	73	8.78e-03	7.95e-03	-8.74e-03	9.89e-05	-5.31e-05	1.02e-05
897	1	0.02	0.02	-0.02	5.21e-05	-6.14e-05	1.69e-05
897	6	0.02	0.01	-0.01	6.12e-05	-9.31e-05	2.11e-05
897	9	0.02	0.02	-0.02	6.14e-05	-5.41e-05	1.54e-05
897	33	0.01	9.69e-03	-0.01	7.36e-05	-1.02e-04	2.29e-05
897	38	0.01	7.86e-03	-0.01	7.77e-05	-1.16e-04	2.48e-05
897	41	0.01	8.33e-03	-0.01	7.81e-05	-9.82e-05	2.21e-05
897	65	0.01	9.00e-03	-0.01	7.52e-05	-1.05e-04	2.33e-05
897	70	0.01	7.33e-03	-0.01	7.90e-05	-1.18e-04	2.51e-05

897	73	0.01	7.75e-03	-0.01	7.94e-05	-1.02e-04	2.27e-05
898	1	0.03	0.02	-0.02	1.05e-06	-1.19e-04	2.21e-05
898	6	0.03	0.02	-0.01	-7.69e-06	-1.48e-04	2.62e-05
898	9	0.03	0.02	-0.02	1.02e-05	-1.11e-04	2.04e-05
898	33	0.02	9.63e-03	-0.01	1.79e-05	-1.56e-04	2.79e-05
898	38	0.02	7.66e-03	-0.01	1.39e-05	-1.70e-04	2.98e-05
898	41	0.01	8.17e-03	-0.01	2.24e-05	-1.52e-04	2.71e-05
898	65	0.01	8.88e-03	-0.01	1.92e-05	-1.59e-04	2.84e-05
898	70	0.01	7.08e-03	-0.01	1.56e-05	-1.71e-04	3.01e-05
898	73	0.01	7.55e-03	-0.01	2.33e-05	-1.55e-04	2.76e-05
899	1	0.03	0.02	-0.02	-7.80e-05	-1.80e-04	2.15e-05
899	6	0.03	0.02	-0.01	-8.60e-05	-2.06e-04	2.82e-05
899	21	0.02	0.01	-0.02	-4.10e-05	-1.81e-04	2.24e-05
899	33	0.02	9.80e-03	-0.01	-6.24e-05	-2.13e-04	3.00e-05
899	38	0.02	7.72e-03	-0.01	-6.60e-05	-2.25e-04	3.31e-05
899	41	0.02	8.25e-03	-0.01	-5.85e-05	-2.08e-04	2.98e-05
899	65	0.02	9.01e-03	-0.01	-6.12e-05	-2.16e-04	3.06e-05
899	70	0.02	7.10e-03	-0.01	-6.45e-05	-2.26e-04	3.35e-05
899	73	0.02	7.59e-03	-0.01	-5.76e-05	-2.11e-04	3.05e-05
900	1	0.04	0.02	-0.01	-1.53e-04	-2.37e-04	3.86e-05
900	6	0.04	0.02	-5.94e-03	-1.61e-04	-2.60e-04	4.25e-05
900	21	0.02	0.01	-0.01	-1.20e-04	-2.38e-04	3.82e-05
900	33	0.02	0.01	-6.75e-03	-1.40e-04	-2.68e-04	4.33e-05
900	38	0.02	8.12e-03	-4.71e-03	-1.43e-04	-2.78e-04	4.51e-05
900	53	0.01	6.30e-03	-7.99e-03	-1.24e-04	-2.68e-04	4.32e-05
900	65	0.02	9.46e-03	-6.48e-03	-1.39e-04	-2.70e-04	4.37e-05
900	70	0.02	7.47e-03	-4.62e-03	-1.42e-04	-2.80e-04	4.53e-05
900	85	0.01	5.81e-03	-7.62e-03	-1.25e-04	-2.71e-04	4.36e-05
901	1	0.04	0.02	-1.40e-03	-2.01e-04	-2.88e-04	4.75e-05
901	6	0.04	0.02	2.98e-03	-2.10e-04	-3.08e-04	5.11e-05
901	24	-9.36e-03	-0.01	0.01	-1.93e-04	-3.91e-04	6.54e-05
901	33	0.02	0.01	1.94e-03	-1.92e-04	-3.15e-04	5.22e-05
901	38	0.02	8.75e-03	3.97e-03	-1.96e-04	-3.25e-04	5.39e-05
901	56	-1.56e-03	-5.42e-03	9.11e-03	-1.87e-04	-3.64e-04	6.07e-05
901	65	0.02	0.01	2.19e-03	-1.91e-04	-3.17e-04	5.26e-05
901	70	0.02	8.08e-03	4.05e-03	-1.95e-04	-3.26e-04	5.41e-05
901	88	-9.74e-04	-4.90e-03	8.75e-03	-1.87e-04	-3.62e-04	6.03e-05
902	1	0.05	0.02	8.89e-03	-1.98e-04	-3.17e-04	5.33e-05
902	6	0.05	0.02	0.01	-2.09e-04	-3.34e-04	5.60e-05
902	24	-0.01	-0.01	0.02	-2.03e-04	-4.09e-04	6.81e-05
902	33	0.02	0.01	0.01	-1.93e-04	-3.42e-04	5.73e-05
902	38	0.02	9.32e-03	0.01	-1.98e-04	-3.50e-04	5.85e-05
902	56	-3.42e-03	-5.29e-03	0.02	-1.95e-04	-3.85e-04	6.42e-05
902	65	0.02	0.01	0.01	-1.93e-04	-3.44e-04	5.76e-05
902	70	0.02	8.62e-03	0.01	-1.98e-04	-3.51e-04	5.87e-05
902	88	-2.76e-03	-4.76e-03	0.02	-1.95e-04	-3.83e-04	6.40e-05
903	1	0.05	0.02	0.02	-1.30e-04	-3.03e-04	4.77e-05
903	6	0.05	0.02	0.02	-1.44e-04	-3.17e-04	5.10e-05
903	24	-0.02	-0.01	0.03	-1.43e-04	-3.87e-04	6.55e-05
903	33	0.02	0.01	0.02	-1.27e-04	-3.26e-04	5.27e-05
903	38	0.02	9.38e-03	0.02	-1.33e-04	-3.33e-04	5.42e-05
903	56	-6.16e-03	-5.56e-03	0.03	-1.33e-04	-3.66e-04	6.11e-05
903	65	0.02	0.01	0.02	-1.26e-04	-3.28e-04	5.31e-05
903	70	0.02	8.66e-03	0.02	-1.32e-04	-3.34e-04	5.45e-05
903	88	-5.43e-03	-5.02e-03	0.03	-1.32e-04	-3.64e-04	6.07e-05
904	4	-0.05	-0.02	0.03	-4.20e-05	-3.45e-04	-1.21e-04
904	7	-0.05	-0.02	0.03	-5.81e-05	-3.58e-04	-1.22e-04
904	24	-0.02	-0.01	0.03	1.25e-05	-2.91e-04	-6.85e-05
904	36	-0.02	-0.01	0.03	-2.41e-05	-3.16e-04	-7.80e-05
904	39	-0.02	-8.80e-03	0.03	-3.16e-05	-3.22e-04	-7.85e-05
904	56	-9.69e-03	-6.67e-03	0.03	1.59e-06	-2.90e-04	-5.30e-05
904	68	-0.02	-0.01	0.03	-2.28e-05	-3.14e-04	-7.47e-05
904	71	-0.02	-8.08e-03	0.03	-2.96e-05	-3.19e-04	-7.52e-05
904	88	-8.90e-03	-6.12e-03	0.03	0.0	-2.90e-04	-5.18e-05
905	1	0.05	0.02	-0.01	0.0	-7.27e-04	8.99e-05
905	7	-0.05	-9.15e-03	-0.02	-3.88e-05	-8.40e-04	-7.52e-05
905	19	-8.68e-03	5.87e-03	-0.02	-4.05e-05	-8.15e-04	-2.24e-05
905	33	0.02	8.18e-03	-0.01	-6.72e-06	-7.54e-04	4.85e-05
905	39	-0.03	-3.86e-03	-0.01	-2.52e-05	-8.07e-04	-3.04e-05
905	51	-5.10e-03	3.23e-03	-0.01	-2.58e-05	-7.95e-04	-5.17e-06
905	65	0.02	7.57e-03	-0.01	-7.26e-06	-7.56e-04	4.53e-05
905	71	-0.02	-3.45e-03	-0.01	-2.41e-05	-8.05e-04	-2.70e-05
905	83	-4.82e-03	3.04e-03	-0.01	-2.47e-05	-7.94e-04	-3.86e-06
906	1	0.05	0.02	-0.01	-6.84e-05	-6.09e-04	1.04e-04
906	6	0.05	0.01	-0.01	-7.87e-05	-1.11e-04	1.11e-04
906	19	-5.44e-03	5.03e-03	-0.02	-7.79e-05	-6.97e-04	-1.19e-05
906	33	0.02	7.34e-03	-0.01	-8.02e-05	-6.35e-04	6.15e-05

906	38	0.02	5.12e-03	-0.01	-8.49e-05	-6.28e-04	6.48e-05
906	51	-2.13e-03	2.49e-03	-0.02	-8.48e-05	-6.76e-04	6.21e-05
906	65	0.02	6.75e-03	-0.01	-8.11e-05	-6.37e-04	5.83e-05
906	70	0.02	4.72e-03	-0.01	-8.54e-05	-6.31e-04	6.13e-05
906	83	-1.87e-03	2.30e-03	-0.02	-8.53e-05	-6.75e-04	7.59e-06
907	3	-0.03	-0.01	-0.03	-1.23e-04	-5.58e-04	-4.02e-05
907	4	-0.04	-0.02	-0.03	-1.31e-04	-5.75e-04	-4.67e-05
907	6	0.05	7.84e-03	-0.02	-1.50e-04	-4.60e-04	1.32e-04
907	35	-0.01	-6.04e-03	-0.03	-1.30e-04	-5.32e-04	2.76e-06
907	36	-0.02	-8.26e-03	-0.03	-1.34e-04	-5.40e-04	0.0
907	38	0.02	2.92e-03	-0.02	-1.43e-04	-4.86e-04	8.51e-05
907	67	-0.01	-5.67e-03	-0.03	-1.31e-04	-5.30e-04	6.06e-06
907	68	-0.01	-7.70e-03	-0.03	-1.34e-04	-5.38e-04	3.23e-06
907	70	0.02	2.54e-03	-0.02	-1.42e-04	-4.88e-04	8.15e-05
908	3	-0.03	-0.01	-0.03	-1.07e-04	-5.04e-04	-3.36e-05
908	4	-0.03	-0.02	-0.03	-1.16e-04	-5.23e-04	-4.03e-05
908	6	0.04	6.55e-03	-0.02	-1.37e-04	-4.06e-04	1.38e-04
908	35	-0.01	-6.90e-03	-0.03	-1.15e-04	-4.79e-04	9.25e-06
908	36	-0.01	-9.08e-03	-0.03	-1.19e-04	-4.87e-04	6.08e-06
908	38	0.02	1.78e-03	-0.03	-1.29e-04	-4.32e-04	9.14e-05
908	67	-0.01	-6.54e-03	-0.03	-1.16e-04	-4.77e-04	1.25e-05
908	68	-0.01	-8.53e-03	-0.03	-1.20e-04	-4.85e-04	9.64e-06
908	70	0.02	1.41e-03	-0.03	-1.29e-04	-4.34e-04	8.78e-05
909	4	-0.03	-0.02	-0.04	-3.16e-05	-4.35e-04	-3.05e-05
909	6	0.04	4.39e-03	-0.03	-7.03e-05	-3.11e-04	1.44e-04
909	19	1.46e-03	3.29e-04	-0.04	-2.32e-05	-3.43e-04	4.17e-05
909	35	-8.51e-03	-8.08e-03	-0.04	-3.46e-05	-3.86e-04	1.78e-05
909	36	-9.94e-03	-0.01	-0.04	-3.93e-05	-3.97e-04	1.48e-05
909	38	0.02	-3.65e-05	-0.03	-5.77e-05	-3.38e-04	9.80e-05
909	67	-7.30e-03	-7.75e-03	-0.04	-3.56e-05	-3.84e-04	2.10e-05
909	68	-8.61e-03	-9.69e-03	-0.04	-3.99e-05	-3.94e-04	1.83e-05
909	70	0.02	-3.79e-04	-0.03	-5.67e-05	-3.40e-04	9.45e-05
910	4	-0.02	-0.02	-0.04	2.49e-05	-3.40e-04	-2.09e-05
910	6	0.04	3.68e-03	-0.03	-2.15e-05	-2.68e-04	1.44e-04
910	19	1.77e-03	2.36e-05	-0.04	3.24e-05	-2.97e-04	2.34e-05
910	36	-8.62e-03	-0.01	-0.04	1.54e-05	-3.55e-04	2.02e-05
910	38	0.02	-5.68e-04	-0.03	-6.62e-06	-2.94e-04	9.88e-05
910	51	3.82e-03	-2.42e-03	-0.04	1.87e-05	-3.09e-04	4.15e-05
910	68	-7.41e-03	-9.89e-03	-0.04	1.47e-05	-3.52e-04	2.34e-05
910	70	0.02	-8.96e-04	-0.03	-5.50e-06	-2.96e-04	9.54e-05
910	83	3.98e-03	-2.59e-03	-0.04	1.76e-05	-3.10e-04	4.28e-05
911	4	-0.02	-0.02	-0.03	1.41e-04	-3.16e-04	-1.68e-05
911	6	0.03	3.18e-03	-0.04	8.49e-05	-1.83e-04	1.38e-04
911	18	0.02	-8.94e-03	-0.04	8.98e-05	-2.62e-04	8.90e-05
911	36	-5.68e-03	-9.82e-03	-0.03	1.29e-04	-2.74e-04	2.19e-05
911	38	0.02	-6.96e-04	-0.03	1.03e-04	-2.11e-04	9.59e-05
911	50	0.01	-6.41e-03	-0.03	1.05e-04	-2.48e-04	7.24e-05
911	68	-4.79e-03	-9.35e-03	-0.03	1.28e-04	-2.71e-04	2.49e-05
911	70	0.02	-9.96e-04	-0.03	1.04e-04	-2.13e-04	9.27e-05
911	82	9.66e-03	-6.23e-03	-0.03	1.06e-04	-2.47e-04	7.12e-05
912	4	-0.02	-0.02	-0.03	1.90e-04	-2.78e-04	-1.58e-05
912	6	0.03	3.40e-03	-0.03	1.33e-04	-1.43e-04	1.33e-04
912	18	0.01	-8.48e-03	-0.03	1.38e-04	-2.24e-04	8.62e-05
912	36	-5.16e-03	-9.08e-03	-0.03	1.78e-04	-2.35e-04	2.14e-05
912	38	0.01	-2.96e-04	-0.03	1.51e-04	-1.71e-04	9.26e-05
912	50	8.91e-03	-5.89e-03	-0.03	1.54e-04	-2.09e-04	7.01e-05
912	68	-4.37e-03	-8.63e-03	-0.03	1.77e-04	-2.32e-04	2.43e-05
912	70	0.01	-5.81e-04	-0.03	1.52e-04	-1.73e-04	8.95e-05
912	82	8.52e-03	-5.71e-03	-0.03	1.55e-04	-2.08e-04	6.89e-05
913	4	-0.01	-0.01	-0.02	2.57e-04	-2.04e-04	-1.60e-05
913	6	0.02	4.62e-03	-0.02	1.95e-04	-6.66e-05	1.22e-04
913	10	0.02	2.92e-03	-0.02	2.11e-04	-6.24e-05	1.08e-04
913	36	-5.44e-03	-6.96e-03	-0.02	2.41e-04	-1.60e-04	1.80e-05
913	38	0.01	1.24e-03	-0.02	2.11e-04	-9.45e-05	8.38e-05
913	42	9.21e-03	4.26e-04	-0.02	2.19e-04	-9.25e-05	7.71e-05
913	68	-4.76e-03	-6.53e-03	-0.02	2.39e-04	-1.57e-04	2.06e-05
913	70	0.01	9.81e-04	-0.02	2.13e-04	-9.67e-05	8.08e-05
913	74	8.66e-03	2.34e-04	-0.02	2.20e-04	-9.49e-05	7.48e-05
914	4	-0.01	-0.01	-8.32e-03	2.56e-04	-1.70e-04	-1.75e-05
914	5	0.02	9.46e-03	-0.01	2.00e-04	-3.47e-06	1.07e-04
914	10	0.01	3.85e-03	-0.01	2.14e-04	-1.03e-05	1.03e-04
914	36	-5.27e-03	-5.72e-03	-8.83e-03	2.41e-04	-1.26e-04	1.53e-05
914	37	8.69e-03	4.09e-03	-9.78e-03	2.15e-04	-4.72e-05	7.51e-05
914	42	7.37e-03	1.45e-03	-0.01	2.22e-04	-5.95e-05	7.27e-05
914	68	-4.69e-03	-5.31e-03	-8.87e-03	2.40e-04	-1.23e-04	1.79e-05
914	69	8.11e-03	3.68e-03	-9.74e-03	2.16e-04	-5.05e-05	7.26e-05
914	74	6.90e-03	1.27e-03	-0.01	2.22e-04	-6.18e-05	7.04e-05

915	1	0.02	0.02	-0.01	7.31e-05	1.27e-05	-1.45e-06
915	5	0.02	0.02	-0.01	7.37e-05	1.25e-05	-1.43e-06
915	13	0.02	0.01	-0.01	7.91e-05	1.78e-05	-2.14e-06
915	33	8.58e-03	9.65e-03	-6.81e-03	8.60e-05	-3.16e-05	3.55e-06
915	37	8.62e-03	9.55e-03	-6.81e-03	8.62e-05	-3.17e-05	3.56e-06
915	45	8.24e-03	8.33e-03	-7.13e-03	8.89e-05	-2.92e-05	3.21e-06
915	65	7.99e-03	9.05e-03	-6.40e-03	8.69e-05	-3.49e-05	3.92e-06
915	69	8.03e-03	8.96e-03	-6.40e-03	8.71e-05	-3.50e-05	3.93e-06
915	77	7.68e-03	7.84e-03	-6.69e-03	8.96e-05	-3.27e-05	3.61e-06
916	1	0.02	0.02	-0.02	6.95e-05	-3.66e-05	0.0
916	5	0.02	0.02	-0.02	7.00e-05	-3.69e-05	0.0
916	9	0.02	0.02	-0.02	7.83e-05	-2.99e-05	0.0
916	33	0.01	9.74e-03	-0.01	8.96e-05	-7.80e-05	8.09e-06
916	37	0.01	9.64e-03	-0.01	8.98e-05	-7.82e-05	8.11e-06
916	41	0.01	8.43e-03	-0.01	9.39e-05	-7.49e-05	7.65e-06
916	65	0.01	9.07e-03	-0.01	9.11e-05	-8.12e-05	8.64e-06
916	69	0.01	8.98e-03	-0.01	9.13e-05	-8.13e-05	8.66e-06
916	73	0.01	7.87e-03	-0.01	9.51e-05	-7.83e-05	8.25e-06
917	1	0.03	0.02	-0.02	3.49e-05	-9.14e-05	1.06e-05
917	6	0.03	0.01	-0.01	2.60e-05	-1.21e-04	1.67e-05
917	9	0.02	0.02	-0.02	4.43e-05	-8.32e-05	9.50e-06
917	33	0.01	9.64e-03	-0.01	5.18e-05	-1.30e-04	1.77e-05
917	38	0.01	7.74e-03	-0.01	4.77e-05	-1.44e-04	2.05e-05
917	41	0.01	8.23e-03	-0.01	5.63e-05	-1.26e-04	1.71e-05
917	65	0.01	8.92e-03	-0.01	5.31e-05	-1.33e-04	1.82e-05
917	70	0.01	7.18e-03	-0.01	4.93e-05	-1.45e-04	2.08e-05
917	73	0.01	7.63e-03	-0.01	5.72e-05	-1.29e-04	1.77e-05
918	1	0.03	0.02	-0.02	-3.76e-05	-1.49e-04	2.67e-05
918	6	0.03	0.02	-0.01	-4.60e-05	-1.76e-04	3.05e-05
918	9	0.03	0.02	-0.02	-2.89e-05	-1.39e-04	2.44e-05
918	33	0.02	9.67e-03	-0.01	-2.11e-05	-1.84e-04	3.13e-05
918	38	0.02	7.64e-03	-0.01	-2.50e-05	-1.97e-04	3.31e-05
918	41	0.02	8.17e-03	-0.01	-1.69e-05	-1.80e-04	3.03e-05
918	65	0.02	8.90e-03	-0.01	-1.99e-05	-1.87e-04	3.17e-05
918	70	0.02	7.05e-03	-0.01	-2.34e-05	-1.99e-04	3.33e-05
918	73	0.02	7.53e-03	-0.01	-1.60e-05	-1.83e-04	3.07e-05
919	1	0.04	0.02	-0.01	-1.17e-04	-2.07e-04	4.26e-05
919	6	0.04	0.02	-9.37e-03	-1.25e-04	-2.32e-04	4.26e-05
919	21	0.02	0.01	-0.02	-8.24e-05	-2.08e-04	4.98e-05
919	33	0.02	0.01	-9.97e-03	-1.03e-04	-2.39e-04	4.51e-05
919	38	0.02	7.88e-03	-7.96e-03	-1.06e-04	-2.51e-04	4.51e-05
919	53	0.01	6.13e-03	-0.01	-8.64e-05	-2.40e-04	4.84e-05
919	65	0.02	9.20e-03	-9.70e-03	-1.02e-04	-2.42e-04	4.53e-05
919	70	0.02	7.25e-03	-7.86e-03	-1.05e-04	-2.52e-04	4.53e-05
919	85	0.01	5.65e-03	-0.01	-8.67e-05	-2.43e-04	4.83e-05
920	1	0.04	0.02	-6.17e-03	-1.82e-04	-2.64e-04	4.51e-05
920	6	0.04	0.02	-1.76e-03	-1.90e-04	-2.86e-04	4.88e-05
920	24	-8.27e-03	-0.01	9.61e-03	-1.68e-04	-3.72e-04	6.43e-05
920	33	0.02	0.01	-2.71e-03	-1.70e-04	-2.93e-04	5.04e-05
920	38	0.02	8.42e-03	-6.68e-04	-1.74e-04	-3.03e-04	5.21e-05
920	56	-9.33e-04	-5.49e-03	4.63e-03	-1.64e-04	-3.44e-04	5.94e-05
920	65	0.02	9.78e-03	-2.46e-03	-1.70e-04	-2.95e-04	5.08e-05
920	70	0.02	7.76e-03	-5.87e-04	-1.73e-04	-3.04e-04	5.24e-05
920	88	-3.78e-04	-4.99e-03	4.26e-03	-1.63e-04	-3.42e-04	5.90e-05
921	1	0.04	0.02	3.74e-03	-2.07e-04	-3.06e-04	5.13e-05
921	6	0.04	0.02	8.03e-03	-2.17e-04	-3.25e-04	5.44e-05
921	24	-0.01	-0.01	0.02	-2.05e-04	-4.04e-04	6.72e-05
921	33	0.02	0.01	6.96e-03	-2.00e-04	-3.32e-04	5.56e-05
921	38	0.02	9.07e-03	8.95e-03	-2.05e-04	-3.41e-04	5.70e-05
921	56	-2.39e-03	-5.34e-03	0.01	-1.99e-04	-3.78e-04	6.30e-05
921	65	0.02	0.01	7.19e-03	-2.00e-04	-3.34e-04	5.59e-05
921	70	0.02	8.38e-03	9.02e-03	-2.04e-04	-3.42e-04	5.72e-05
921	88	-1.76e-03	-4.81e-03	0.01	-1.99e-04	-3.76e-04	6.27e-05
922	1	0.05	0.02	0.01	-1.71e-04	-3.17e-04	5.32e-05
922	6	0.05	0.02	0.02	-1.84e-04	-3.33e-04	5.57e-05
922	24	-0.01	-0.01	0.03	-1.82e-04	-4.05e-04	6.75e-05
922	33	0.02	0.01	0.02	-1.69e-04	-3.41e-04	5.71e-05
922	38	0.02	9.44e-03	0.02	-1.74e-04	-3.48e-04	5.82e-05
922	56	-4.68e-03	-5.35e-03	0.02	-1.74e-04	-3.82e-04	6.38e-05
922	65	0.02	0.01	0.02	-1.68e-04	-3.43e-04	5.74e-05
922	70	0.02	8.73e-03	0.02	-1.73e-04	-3.49e-04	5.84e-05
922	88	-3.98e-03	-4.81e-03	0.02	-1.73e-04	-3.80e-04	6.35e-05
923	1	0.05	0.02	0.02	-9.64e-05	-2.71e-04	4.85e-05
923	6	0.05	0.02	0.02	-8.13e-05	-2.84e-04	5.01e-05
923	24	-0.02	-0.01	0.03	-3.56e-05	-3.56e-04	5.89e-05
923	33	0.02	0.01	0.02	-8.03e-05	-2.96e-04	5.13e-05
923	38	0.02	9.07e-03	0.02	-7.33e-05	-3.02e-04	5.20e-05

923	56	-7.85e-03	-5.98e-03	0.03	-5.20e-05	-3.36e-04	5.61e-05
923	65	0.02	0.01	0.02	-7.91e-05	-2.98e-04	5.15e-05
923	70	0.02	8.35e-03	0.02	-7.27e-05	-3.03e-04	5.22e-05
923	88	-7.08e-03	-5.43e-03	0.03	-5.32e-05	-3.34e-04	5.59e-05
924	1	0.05	0.02	0.02	3.21e-05	-2.17e-04	7.67e-05
924	7	-0.05	-0.02	0.02	-5.18e-05	-3.48e-04	-1.02e-04
924	24	-0.02	-0.01	0.02	1.68e-05	-2.79e-04	-4.25e-05
924	33	0.02	0.01	0.02	1.42e-05	-2.48e-04	3.05e-05
924	39	-0.03	-7.38e-03	0.02	-2.58e-05	-3.11e-04	-5.46e-05
924	56	-0.01	-5.92e-03	0.02	6.47e-06	-2.78e-04	-2.64e-05
924	65	0.02	9.52e-03	0.02	1.28e-05	-2.51e-04	2.69e-05
924	71	-0.02	-6.73e-03	0.02	-2.38e-05	-3.08e-04	-5.10e-05
924	88	-9.80e-03	-5.39e-03	0.02	5.73e-06	-2.78e-04	-2.51e-05
925	1	0.05	0.02	9.38e-03	3.88e-05	-2.54e-04	1.14e-04
925	7	-0.05	-0.01	0.01	-3.47e-05	-3.81e-04	-6.74e-05
925	24	-0.02	-0.01	0.02	2.82e-05	-3.15e-04	1.77e-05
925	33	0.02	9.96e-03	0.01	2.34e-05	-2.85e-04	6.89e-05
925	39	-0.03	-5.92e-03	0.01	-1.16e-05	-3.45e-04	-1.79e-05
925	56	-0.01	-5.14e-03	0.01	1.80e-05	-3.14e-04	2.27e-05
925	65	0.02	9.19e-03	0.01	2.22e-05	-3.17e-04	6.54e-05
925	71	-0.02	-5.35e-03	0.01	-9.88e-06	-3.42e-04	-1.41e-05
925	88	-0.01	-4.64e-03	0.01	1.72e-05	-3.14e-04	2.31e-05
926	1	0.05	0.02	5.09e-03	8.00e-05	-4.17e-04	2.83e-04
926	7	-0.06	-0.01	1.68e-03	1.96e-05	-5.40e-04	9.12e-05
926	18	3.77e-03	-2.67e-03	8.52e-03	9.11e-05	-4.36e-04	2.32e-04
926	33	0.02	9.93e-03	4.73e-03	6.80e-05	-4.46e-04	2.35e-04
926	39	-0.03	-4.12e-03	3.13e-03	3.93e-05	-5.05e-04	1.44e-04
926	50	-1.41e-06	-2.67e-04	6.32e-03	7.29e-05	-4.56e-04	2.11e-04
926	65	0.02	9.24e-03	4.70e-03	6.71e-05	-4.48e-04	2.32e-04
926	71	-0.03	-3.63e-03	3.24e-03	4.08e-05	-5.02e-04	1.48e-04
926	82	-3.00e-04	-9.73e-05	6.15e-03	7.16e-05	-4.57e-04	2.09e-04
927	1	0.02	0.02	-0.01	8.42e-05	-1.07e-05	2.57e-06
927	5	0.02	0.02	-0.01	8.47e-05	-1.10e-05	2.60e-06
927	9	0.02	0.01	-0.01	9.19e-05	-4.75e-06	1.62e-06
927	33	9.97e-03	8.55e-03	-9.71e-03	1.01e-04	-5.31e-05	1.03e-05
927	37	0.01	8.44e-03	-9.71e-03	1.02e-04	-5.32e-05	1.03e-05
927	41	9.45e-03	7.39e-03	-0.01	1.05e-04	-5.03e-05	9.88e-06
927	65	9.33e-03	7.95e-03	-9.38e-03	1.03e-04	-5.63e-05	1.09e-05
927	69	9.37e-03	7.86e-03	-9.38e-03	1.03e-04	-5.64e-05	1.09e-05
927	73	8.85e-03	6.89e-03	-9.74e-03	1.06e-04	-5.37e-05	1.05e-05
928	4	-0.01	-0.01	-9.89e-03	2.19e-04	-1.85e-04	2.59e-05
928	5	0.02	0.01	-0.01	1.55e-04	-2.87e-05	0.0
928	10	0.02	5.60e-03	-0.02	1.71e-04	-5.55e-05	6.80e-06
928	36	-5.42e-03	-6.44e-03	-0.01	2.02e-04	-1.44e-04	1.93e-05
928	37	0.01	5.10e-03	-0.01	1.72e-04	-6.97e-05	7.43e-06
928	42	9.01e-03	2.36e-03	-0.01	1.79e-04	-8.21e-05	1.02e-05
928	68	-4.75e-03	-5.95e-03	-0.01	2.01e-04	-1.40e-04	1.88e-05
928	69	9.85e-03	4.62e-03	-0.01	1.73e-04	-7.28e-05	7.93e-06
928	74	8.47e-03	2.11e-03	-0.01	1.80e-04	-8.42e-05	1.05e-05
929	1	0.02	0.02	-0.02	9.04e-05	-3.34e-05	5.26e-06
929	5	0.02	0.02	-0.02	9.08e-05	-3.37e-05	5.33e-06
929	9	0.02	0.01	-0.02	9.86e-05	-2.70e-05	4.19e-06
929	33	0.01	7.86e-03	-0.01	1.09e-04	-7.50e-05	1.21e-05
929	37	0.01	7.76e-03	-0.01	1.10e-04	-7.52e-05	1.21e-05
929	41	0.01	6.72e-03	-0.01	1.13e-04	-7.20e-05	1.16e-05
929	65	0.01	7.27e-03	-0.01	1.11e-04	-7.82e-05	1.26e-05
929	69	0.01	7.17e-03	-0.01	1.11e-04	-7.83e-05	1.27e-05
929	73	9.85e-03	6.22e-03	-0.01	1.15e-04	-7.54e-05	1.22e-05
930	4	-0.03	-0.02	-3.94e-03	-9.83e-05	-3.63e-04	5.74e-05
930	6	0.04	0.01	-0.01	-1.53e-04	-2.70e-04	4.17e-05
930	21	0.02	0.01	-0.02	-1.14e-04	-2.50e-04	3.61e-05
930	36	-9.52e-03	-9.66e-03	-6.88e-03	-1.11e-04	-3.32e-04	5.20e-05
930	38	0.02	6.37e-03	-0.01	-1.37e-04	-2.88e-04	4.46e-05
930	53	0.01	5.07e-03	-0.01	-1.18e-04	-2.79e-04	4.20e-05
930	68	-8.24e-03	-8.89e-03	-7.10e-03	-1.12e-04	-3.30e-04	5.16e-05
930	70	0.02	5.79e-03	-0.01	-1.35e-04	-2.90e-04	4.48e-05
930	85	0.01	4.59e-03	-0.01	-1.19e-04	-2.81e-04	4.24e-05
931	1	0.05	0.02	1.37e-03	-1.95e-04	-3.20e-04	5.74e-05
931	6	0.05	0.02	5.10e-03	-2.05e-04	-3.37e-04	5.56e-05
931	24	-0.01	-0.01	0.01	-2.00e-04	-4.13e-04	6.11e-05
931	33	0.02	0.01	4.04e-03	-1.91e-04	-3.45e-04	5.96e-05
931	38	0.02	7.79e-03	5.77e-03	-1.96e-04	-3.53e-04	5.88e-05
931	56	-3.44e-03	-5.56e-03	9.84e-03	-1.93e-04	-3.89e-04	6.14e-05
931	65	0.02	9.22e-03	4.24e-03	-1.91e-04	-3.47e-04	5.98e-05
931	70	0.02	7.17e-03	5.82e-03	-1.95e-04	-3.54e-04	5.90e-05
931	88	-2.78e-03	-5.06e-03	9.54e-03	-1.92e-04	-3.87e-04	6.14e-05
932	4	-0.02	-0.02	-7.88e-03	7.12e-05	-2.68e-04	4.65e-05

932	6	0.03	0.01	-0.02	0.0	-1.59e-04	2.38e-05
932	9	0.03	0.01	-0.02	1.82e-05	-1.21e-04	1.77e-05
932	36	-6.60e-03	-8.47e-03	-0.01	5.51e-05	-2.32e-04	3.91e-05
932	38	0.02	5.86e-03	-0.02	2.15e-05	-1.80e-04	2.83e-05
932	41	0.01	6.50e-03	-0.02	2.98e-05	-1.62e-04	2.54e-05
932	68	-5.65e-03	-7.79e-03	-0.01	5.38e-05	-2.29e-04	3.85e-05
932	70	0.02	5.34e-03	-0.02	2.31e-05	-1.82e-04	2.87e-05
932	73	0.01	5.92e-03	-0.02	3.07e-05	-1.66e-04	2.60e-05
933	4	-0.02	-0.02	-8.58e-03	3.63e-05	-2.90e-04	5.05e-05
933	6	0.03	0.01	-0.02	-3.25e-05	-1.83e-04	3.16e-05
933	21	0.02	0.01	-0.02	1.39e-05	-1.58e-04	2.79e-05
933	36	-7.06e-03	-8.91e-03	-0.01	2.06e-05	-2.54e-04	4.43e-05
933	38	0.02	5.78e-03	-0.02	-1.21e-05	-2.04e-04	3.54e-05
933	41	0.02	6.42e-03	-0.02	-4.13e-06	-1.87e-04	3.26e-05
933	68	-6.04e-03	-8.21e-03	-0.01	1.94e-05	-2.52e-04	4.39e-05
933	70	0.02	5.25e-03	-0.02	-1.05e-05	-2.05e-04	3.56e-05
933	73	0.02	5.84e-03	-0.02	-3.26e-06	-1.90e-04	3.31e-05
934	1	0.05	0.02	6.26e-03	-1.73e-04	-3.17e-04	5.43e-05
934	6	0.05	0.02	9.83e-03	-1.84e-04	-3.32e-04	5.24e-05
934	24	-0.01	-0.01	0.02	-1.83e-04	-4.04e-04	5.95e-05
934	33	0.02	0.01	8.82e-03	-1.70e-04	-3.41e-04	5.72e-05
934	38	0.02	8.16e-03	0.01	-1.75e-04	-3.48e-04	5.64e-05
934	56	-4.79e-03	-5.38e-03	0.01	-1.75e-04	-3.82e-04	5.97e-05
934	65	0.02	9.60e-03	9.01e-03	-1.70e-04	-3.43e-04	5.74e-05
934	70	0.02	7.53e-03	0.01	-1.75e-04	-3.49e-04	5.66e-05
934	88	-4.09e-03	-4.87e-03	0.01	-1.74e-04	-3.81e-04	5.97e-05
935	1	0.04	0.02	-3.52e-03	-2.01e-04	-3.10e-04	5.65e-05
935	6	0.04	0.02	3.22e-04	-2.10e-04	-3.29e-04	5.43e-05
935	24	-0.01	-0.01	9.40e-03	-1.99e-04	-4.09e-04	5.99e-05
935	33	0.02	9.60e-03	-7.67e-04	-1.94e-04	-3.37e-04	5.90e-05
935	38	0.02	7.39e-03	1.02e-03	-1.98e-04	-3.46e-04	5.79e-05
935	56	-2.33e-03	-5.79e-03	5.23e-03	-1.93e-04	-3.83e-04	6.06e-05
935	65	0.02	8.80e-03	-5.66e-04	-1.94e-04	-3.39e-04	5.91e-05
935	70	0.02	6.78e-03	1.07e-03	-1.98e-04	-3.47e-04	5.82e-05
935	88	-1.70e-03	-5.29e-03	4.92e-03	-1.93e-04	-3.81e-04	6.07e-05
936	1	0.05	0.02	0.01	-1.36e-04	-2.98e-04	5.17e-05
936	6	0.05	0.02	0.01	-1.49e-04	-3.12e-04	4.97e-05
936	24	-0.02	-0.01	0.02	-1.47e-04	-3.82e-04	5.62e-05
936	33	0.02	0.01	0.01	-1.32e-04	-3.22e-04	5.44e-05
936	38	0.02	8.34e-03	0.01	-1.38e-04	-3.28e-04	5.35e-05
936	56	-6.39e-03	-5.33e-03	0.02	-1.37e-04	-3.61e-04	5.66e-05
936	65	0.02	9.81e-03	0.01	-1.32e-04	-3.24e-04	5.46e-05
936	70	0.02	7.71e-03	0.01	-1.37e-04	-3.29e-04	5.38e-05
936	88	-5.65e-03	-4.82e-03	0.02	-1.37e-04	-3.60e-04	5.66e-05
937	4	-0.03	-0.02	-1.01e-03	-1.31e-04	-3.81e-04	6.12e-05
937	6	0.04	0.01	-7.85e-03	-1.79e-04	-2.92e-04	4.56e-05
937	21	0.02	0.01	-0.01	-1.43e-04	-2.73e-04	3.97e-05
937	36	-0.01	-9.66e-03	-3.91e-03	-1.41e-04	-3.52e-04	5.58e-05
937	38	0.02	6.68e-03	-7.07e-03	-1.64e-04	-3.10e-04	4.84e-05
937	53	0.01	5.32e-03	-0.01	-1.47e-04	-3.01e-04	4.57e-05
937	68	-9.14e-03	-8.88e-03	-4.12e-03	-1.42e-04	-3.50e-04	5.54e-05
937	70	0.02	6.09e-03	-7.01e-03	-1.63e-04	-3.11e-04	4.86e-05
937	85	0.01	4.84e-03	-9.86e-03	-1.48e-04	-3.03e-04	4.61e-05
938	4	-0.02	-0.02	-7.53e-03	-5.16e-05	-3.40e-04	5.78e-05
938	6	0.04	0.01	-0.01	-1.12e-04	-2.41e-04	4.58e-05
938	21	0.02	0.01	-0.02	-7.01e-05	-2.19e-04	4.30e-05
938	36	-8.52e-03	-9.57e-03	-0.01	-6.52e-05	-3.07e-04	5.38e-05
938	38	0.02	5.83e-03	-0.01	-9.38e-05	-2.61e-04	4.82e-05
938	53	0.01	4.68e-03	-0.02	-7.44e-05	-2.50e-04	4.69e-05
938	68	-7.33e-03	-8.83e-03	-0.01	-6.63e-05	-3.05e-04	5.35e-05
938	70	0.02	5.27e-03	-0.01	-9.24e-05	-2.62e-04	4.84e-05
938	85	0.01	4.21e-03	-0.02	-7.47e-05	-2.53e-04	4.72e-05
939	4	-0.02	-0.02	-7.09e-03	1.13e-04	-2.44e-04	4.03e-05
939	6	0.03	0.01	-0.02	4.23e-05	-1.27e-04	2.41e-05
939	9	0.02	0.01	-0.02	6.03e-05	-8.94e-05	1.76e-05
939	36	-6.14e-03	-7.86e-03	-0.01	9.67e-05	-2.05e-04	3.48e-05
939	38	0.01	5.71e-03	-0.02	6.32e-05	-1.50e-04	2.71e-05
939	41	0.01	6.37e-03	-0.02	7.17e-05	-1.32e-04	2.41e-05
939	68	-5.28e-03	-7.21e-03	-0.01	9.54e-05	-2.02e-04	3.44e-05
939	70	0.01	5.22e-03	-0.02	6.48e-05	-1.52e-04	2.74e-05
939	73	0.01	5.82e-03	-0.02	7.26e-05	-1.35e-04	2.46e-05
940	4	-0.02	-0.02	-9.00e-03	-4.71e-06	-3.15e-04	4.98e-05
940	6	0.03	0.01	-0.02	-6.97e-05	-2.13e-04	3.13e-05
940	21	0.02	0.01	-0.02	-2.54e-05	-1.90e-04	2.58e-05
940	36	-7.69e-03	-9.32e-03	-0.01	-1.95e-05	-2.82e-04	4.35e-05
940	38	0.02	5.64e-03	-0.02	-5.04e-05	-2.33e-04	3.47e-05
940	53	0.01	4.57e-03	-0.02	-2.97e-05	-2.23e-04	3.22e-05

940	68	-6.59e-03	-8.60e-03	-0.01	-2.07e-05	-2.79e-04	4.30e-05
940	70	0.02	5.10e-03	-0.02	-4.89e-05	-2.35e-04	3.50e-05
940	85	0.01	4.11e-03	-0.02	-3.00e-05	-2.25e-04	3.27e-05
941	1	0.02	0.02	-0.02	7.58e-05	-6.29e-05	1.04e-05
941	6	0.02	0.01	-0.02	8.50e-05	-9.48e-05	1.55e-05
941	9	0.02	0.01	-0.02	8.45e-05	-5.58e-05	9.26e-06
941	33	0.01	7.61e-03	-0.01	9.63e-05	-1.03e-04	1.72e-05
941	38	0.01	5.78e-03	-0.01	1.00e-04	-1.18e-04	1.95e-05
941	41	0.01	6.43e-03	-0.02	1.01e-04	-9.97e-05	1.66e-05
941	65	0.01	7.00e-03	-0.01	9.78e-05	-1.06e-04	1.77e-05
941	70	0.01	5.32e-03	-0.01	1.02e-04	-1.20e-04	1.98e-05
941	73	0.01	5.91e-03	-0.01	1.02e-04	-1.03e-04	1.72e-05
942	4	-0.03	-0.02	2.14e-03	-1.58e-04	-3.99e-04	6.63e-05
942	6	0.04	0.01	-4.40e-03	-1.99e-04	-3.13e-04	5.47e-05
942	21	0.02	0.01	-0.01	-1.65e-04	-2.95e-04	5.29e-05
942	36	-0.01	-9.57e-03	-6.68e-04	-1.66e-04	-3.71e-04	6.26e-05
942	38	0.02	6.92e-03	-3.68e-03	-1.86e-04	-3.30e-04	5.71e-05
942	53	0.01	5.56e-03	-6.77e-03	-1.70e-04	-3.22e-04	5.63e-05
942	68	-0.01	-8.79e-03	-8.72e-04	-1.67e-04	-3.69e-04	6.23e-05
942	70	0.02	6.32e-03	-3.63e-03	-1.85e-04	-3.31e-04	5.73e-05
942	85	0.01	5.07e-03	-6.46e-03	-1.70e-04	-3.24e-04	5.66e-05
943	4	-0.04	-0.02	-9.17e-03	-1.59e-04	-5.06e-04	8.19e-05
943	6	0.05	0.01	-2.65e-03	-1.80e-04	-4.29e-04	7.02e-05
943	19	-2.62e-03	3.97e-03	-0.01	-1.45e-04	-4.48e-04	7.25e-05
943	36	-0.02	-7.84e-03	-8.20e-03	-1.62e-04	-4.82e-04	7.82e-05
943	38	0.02	5.55e-03	-5.13e-03	-1.72e-04	-4.45e-04	7.27e-05
943	51	3.89e-04	1.77e-03	-0.01	-1.55e-04	-4.55e-04	7.38e-05
943	68	-0.02	-7.19e-03	-8.13e-03	-1.62e-04	-4.80e-04	7.79e-05
943	70	0.02	5.08e-03	-5.31e-03	-1.71e-04	-4.46e-04	7.28e-05
943	83	6.28e-04	1.62e-03	-9.83e-03	-1.56e-04	-4.55e-04	7.39e-05
944	4	-0.04	-0.02	-0.01	-1.63e-04	-4.88e-04	8.22e-05
944	6	0.05	0.01	-7.67e-03	-1.82e-04	-4.06e-04	6.86e-05
944	19	-1.09e-03	3.13e-03	-0.02	-1.50e-04	-4.24e-04	7.21e-05
944	36	-0.02	-8.46e-03	-0.01	-1.66e-04	-4.62e-04	7.79e-05
944	38	0.02	4.65e-03	-0.01	-1.75e-04	-4.23e-04	7.15e-05
944	51	1.72e-03	9.66e-04	-0.02	-1.60e-04	-4.32e-04	7.32e-05
944	68	-0.01	-7.82e-03	-0.01	-1.66e-04	-4.60e-04	7.76e-05
944	70	0.02	4.19e-03	-0.01	-1.74e-04	-4.25e-04	7.17e-05
944	83	1.94e-03	8.13e-04	-0.02	-1.60e-04	-4.33e-04	7.33e-05
945	4	-0.03	-0.02	-0.02	-1.45e-04	-4.63e-04	7.56e-05
945	6	0.04	9.54e-03	-0.01	-1.70e-04	-3.78e-04	6.35e-05
945	19	7.55e-05	2.32e-03	-0.02	-1.34e-04	-3.94e-04	7.62e-05
945	36	-0.01	-9.07e-03	-0.02	-1.49e-04	-4.36e-04	7.30e-05
945	38	0.02	3.73e-03	-0.02	-1.61e-04	-3.96e-04	6.73e-05
945	51	2.69e-03	1.71e-04	-0.02	-1.45e-04	-4.04e-04	7.32e-05
945	68	-0.01	-8.45e-03	-0.02	-1.50e-04	-4.34e-04	7.28e-05
945	70	0.02	3.29e-03	-0.02	-1.60e-04	-3.97e-04	6.75e-05
945	83	2.90e-03	1.93e-05	-0.02	-1.45e-04	-4.04e-04	7.30e-05
946	4	-0.03	-0.02	-0.02	-1.11e-04	-4.33e-04	7.23e-05
946	6	0.04	8.60e-03	-0.02	-1.44e-04	-3.44e-04	5.57e-05
946	19	9.35e-04	1.62e-03	-0.03	-1.03e-04	-3.59e-04	5.79e-05
946	36	-0.01	-9.60e-03	-0.02	-1.17e-04	-4.05e-04	6.69e-05
946	38	0.02	2.93e-03	-0.02	-1.33e-04	-3.62e-04	5.90e-05
946	51	3.36e-03	-5.17e-04	-0.02	-1.14e-04	-3.70e-04	6.02e-05
946	68	-0.01	-8.98e-03	-0.02	-1.18e-04	-4.03e-04	6.65e-05
946	70	0.02	2.49e-03	-0.02	-1.32e-04	-3.64e-04	5.92e-05
946	83	3.55e-03	-6.69e-04	-0.02	-1.15e-04	-3.71e-04	6.03e-05
947	4	-0.02	-0.02	-0.02	1.08e-04	-2.94e-04	4.92e-05
947	6	0.03	6.72e-03	-0.03	4.77e-05	-1.87e-04	2.88e-05
947	22	0.02	-7.45e-03	-0.03	5.74e-05	-2.54e-04	4.26e-05
947	36	-5.66e-03	-9.35e-03	-0.02	9.49e-05	-2.59e-04	4.24e-05
947	38	0.02	1.76e-03	-0.03	6.63e-05	-2.08e-04	3.26e-05
947	54	9.74e-03	-4.94e-03	-0.03	7.11e-05	-2.39e-04	3.91e-05
947	68	-4.77e-03	-8.80e-03	-0.02	9.39e-05	-2.56e-04	4.18e-05
947	70	0.02	1.38e-03	-0.03	6.77e-05	-2.10e-04	3.29e-05
947	86	9.33e-03	-4.76e-03	-0.03	7.21e-05	-2.38e-04	3.89e-05
948	4	-0.02	-0.02	-0.02	5.41e-05	-3.30e-04	5.56e-05
948	6	0.03	6.57e-03	-0.03	-2.19e-06	-2.27e-04	3.95e-05
948	21	8.22e-03	7.25e-03	-0.03	4.21e-05	-2.05e-04	3.71e-05
948	36	-6.36e-03	-9.86e-03	-0.03	4.20e-05	-2.96e-04	5.05e-05
948	38	0.02	1.49e-03	-0.03	1.53e-05	-2.48e-04	4.28e-05
948	53	6.81e-03	1.70e-03	-0.03	3.60e-05	-2.38e-04	4.18e-05
948	68	-5.36e-03	-9.30e-03	-0.03	4.11e-05	-2.94e-04	5.01e-05
948	70	0.02	1.10e-03	-0.03	1.66e-05	-2.49e-04	4.31e-05
948	85	6.69e-03	1.29e-03	-0.03	3.56e-05	-2.40e-04	4.21e-05
949	4	-0.02	-0.01	-0.02	1.98e-04	-2.22e-04	3.68e-05
949	6	0.02	6.92e-03	-0.02	1.39e-04	-1.04e-04	1.70e-05

949	10	0.02	4.80e-03	-0.02	1.46e-04	-9.79e-05	1.58e-05
949	36	-5.69e-03	-7.59e-03	-0.02	1.85e-04	-1.83e-04	3.01e-05
949	38	0.01	2.49e-03	-0.02	1.57e-04	-1.27e-04	2.07e-05
949	42	0.01	1.47e-03	-0.02	1.60e-04	-1.24e-04	2.01e-05
949	68	-4.93e-03	-7.09e-03	-0.02	1.84e-04	-1.80e-04	2.96e-05
949	70	0.01	2.14e-03	-0.02	1.59e-04	-1.29e-04	2.10e-05
949	74	0.01	1.21e-03	-0.02	1.62e-04	-1.26e-04	2.05e-05
950	4	-0.02	-0.02	-0.02	1.62e-04	-2.59e-04	4.38e-05
950	6	0.03	6.50e-03	-0.03	1.01e-04	-1.47e-04	2.47e-05
950	22	0.01	-7.12e-03	-0.03	1.11e-04	-2.18e-04	3.64e-05
950	36	-5.13e-03	-8.62e-03	-0.02	1.49e-04	-2.22e-04	3.76e-05
950	38	0.01	1.87e-03	-0.02	1.20e-04	-1.87e-04	2.85e-05
950	54	8.56e-03	-4.57e-03	-0.02	1.25e-04	-2.02e-04	3.40e-05
950	68	-4.35e-03	-8.09e-03	-0.02	1.48e-04	-2.19e-04	3.71e-05
950	70	0.01	1.51e-03	-0.02	1.21e-04	-1.70e-04	2.88e-05
950	86	8.20e-03	-4.38e-03	-0.02	1.26e-04	-2.01e-04	3.38e-05
951	4	-0.03	-0.02	-0.02	-6.40e-05	-4.00e-04	6.74e-05
951	6	0.04	7.86e-03	-0.03	-1.07e-04	-3.06e-04	5.40e-05
951	17	0.02	8.76e-03	-0.03	-7.19e-05	-2.91e-04	5.13e-05
951	36	-9.90e-03	-9.93e-03	-0.02	-7.30e-05	-3.69e-04	6.30e-05
951	38	0.02	2.31e-03	-0.03	-9.33e-05	-3.25e-04	5.66e-05
951	49	0.01	2.63e-03	-0.03	-7.71e-05	-3.18e-04	5.54e-05
951	68	-8.57e-03	-9.33e-03	-0.02	-7.37e-05	-3.67e-04	6.26e-05
951	70	0.02	1.89e-03	-0.03	-9.22e-05	-3.26e-04	5.68e-05
951	81	0.01	2.18e-03	-0.03	-7.74e-05	-3.20e-04	5.57e-05
952	4	-0.02	-0.02	-0.02	-6.39e-06	-3.66e-04	6.33e-05
952	6	0.04	7.04e-03	-0.03	-5.68e-05	-2.67e-04	5.02e-05
952	17	0.02	8.16e-03	-0.03	-1.77e-05	-2.50e-04	4.87e-05
952	36	-8.60e-03	-0.01	-0.03	-1.72e-05	-3.34e-04	5.91e-05
952	38	0.02	1.74e-03	-0.03	-4.11e-05	-2.87e-04	5.29e-05
952	49	0.01	2.16e-03	-0.03	-2.29e-05	-2.79e-04	5.23e-05
952	68	-7.39e-03	-9.46e-03	-0.03	-1.80e-05	-3.31e-04	5.88e-05
952	70	0.02	1.33e-03	-0.03	-3.99e-05	-2.88e-04	5.31e-05
952	81	0.01	1.72e-03	-0.03	-2.32e-05	-2.81e-04	5.25e-05
953	1	0.02	0.01	-9.38e-03	1.36e-04	2.10e-05	-4.29e-06
953	5	0.02	0.01	-9.38e-03	1.37e-04	2.07e-05	-4.25e-06
953	10	0.01	6.56e-03	-0.01	1.51e-04	-8.96e-06	0.0
953	33	8.56e-03	6.13e-03	-7.79e-03	1.51e-04	-2.11e-05	1.67e-06
953	37	8.61e-03	6.01e-03	-7.78e-03	1.51e-04	-2.13e-05	1.68e-06
953	46	7.23e-03	3.48e-03	-8.58e-03	1.57e-04	-3.49e-05	3.92e-06
953	65	7.98e-03	5.65e-03	-7.66e-03	1.52e-04	-2.43e-05	2.11e-06
953	69	8.02e-03	5.54e-03	-7.66e-03	1.52e-04	-2.44e-05	2.13e-06
953	78	6.76e-03	3.22e-03	-8.39e-03	1.58e-04	-3.69e-05	4.18e-06
954	1	0.02	0.02	-0.01	9.28e-05	1.35e-05	-1.32e-06
954	5	0.02	0.01	-0.01	9.33e-05	1.32e-05	-1.27e-06
954	13	0.02	0.01	-0.01	9.95e-05	1.87e-05	-2.41e-06
954	33	8.76e-03	7.93e-03	-7.95e-03	1.07e-04	-2.95e-05	4.19e-06
954	37	8.81e-03	7.83e-03	-7.96e-03	1.07e-04	-2.97e-05	4.21e-06
954	45	8.40e-03	6.77e-03	-8.24e-03	1.10e-04	-2.70e-05	3.67e-06
954	65	8.17e-03	7.38e-03	-7.66e-03	1.08e-04	-3.28e-05	4.60e-06
954	69	8.21e-03	7.29e-03	-7.66e-03	1.08e-04	-3.29e-05	4.62e-06
954	77	7.84e-03	6.32e-03	-7.92e-03	1.11e-04	-3.05e-05	4.12e-06
955	1	0.05	0.02	0.01	-5.36e-05	-2.69e-04	4.86e-05
955	6	0.05	0.02	0.02	-3.93e-05	-2.57e-04	5.14e-05
955	24	-0.02	-0.01	0.02	-4.05e-05	-3.02e-04	6.19e-05
955	33	0.02	0.01	0.02	-6.18e-05	-2.88e-04	5.19e-05
955	38	0.02	8.32e-03	0.02	-5.52e-05	-2.83e-04	5.32e-05
955	56	-8.35e-03	-5.49e-03	0.02	-5.61e-05	-3.04e-04	5.81e-05
955	65	0.02	9.81e-03	0.02	-6.25e-05	-2.90e-04	5.21e-05
955	70	0.02	7.68e-03	0.02	-5.64e-05	-2.85e-04	5.33e-05
955	88	-7.58e-03	-4.97e-03	0.02	-5.72e-05	-3.04e-04	5.78e-05
956	1	0.05	0.02	3.10e-03	-6.64e-05	-4.45e-04	7.47e-05
956	7	-0.05	-0.01	-1.71e-03	-1.08e-04	-5.23e-04	8.45e-05
956	18	6.55e-03	-3.23e-03	6.82e-03	-5.30e-05	-4.48e-04	7.41e-05
956	33	0.02	9.09e-03	2.46e-03	-7.41e-05	-4.62e-04	7.68e-05
956	39	-0.02	-4.78e-03	2.01e-04	-9.38e-05	-5.00e-04	8.14e-05
956	50	3.08e-03	-9.15e-04	4.18e-03	-6.80e-05	-4.64e-04	7.66e-05
956	65	0.02	8.41e-03	2.41e-03	-7.47e-05	-4.64e-04	7.70e-05
956	71	-0.02	-4.30e-03	3.43e-04	-9.27e-05	-4.98e-04	8.12e-05
956	82	2.80e-03	-7.51e-04	3.99e-03	-6.91e-05	-4.65e-04	7.68e-05
957	1	0.05	0.02	3.64e-03	-1.78e-04	-3.47e-04	5.83e-05
957	6	0.05	0.01	6.81e-03	-1.88e-04	-3.62e-04	6.10e-05
957	18	9.20e-03	-3.18e-03	8.82e-03	-1.94e-04	-4.06e-04	6.88e-05
957	33	0.02	9.12e-03	3.01e-03	-1.75e-04	-3.71e-04	6.25e-05
957	38	0.02	6.89e-03	4.48e-03	-1.80e-04	-3.78e-04	6.38e-05
957	50	6.23e-03	-1.24e-03	5.41e-03	-1.82e-04	-3.99e-04	6.75e-05
957	65	0.02	8.38e-03	2.96e-03	-1.75e-04	-3.73e-04	6.29e-05

957	70	0.02	6.34e-03	4.31e-03	-1.79e-04	-3.79e-04	6.40e-05
957	82	6.00e-03	-1.11e-03	5.16e-03	-1.81e-04	-3.98e-04	6.74e-05
958	4	-0.02	-0.01	-0.01	1.69e-04	-2.18e-04	3.77e-05
958	6	0.02	9.39e-03	-0.02	1.06e-04	-9.75e-05	2.00e-05
958	10	0.02	6.98e-03	-0.02	1.13e-04	-9.10e-05	1.85e-05
958	36	-5.73e-03	-7.33e-03	-0.01	1.55e-04	-1.78e-04	3.18e-05
958	38	0.01	4.16e-03	-0.02	1.25e-04	-1.21e-04	2.34e-05
958	42	0.01	3.01e-03	-0.02	1.29e-04	-1.18e-04	2.27e-05
958	68	-4.96e-03	-6.77e-03	-0.01	1.54e-04	-1.75e-04	3.14e-05
958	70	0.01	3.76e-03	-0.02	1.26e-04	-1.23e-04	2.37e-05
958	74	0.01	2.70e-03	-0.02	1.30e-04	-1.20e-04	2.30e-05
959	4	-0.02	-0.02	-0.02	1.34e-04	-2.53e-04	4.28e-05
959	6	0.03	9.30e-03	-0.02	6.85e-05	-1.38e-04	2.80e-05
959	10	0.02	6.77e-03	-0.02	7.59e-05	-1.30e-04	2.60e-05
959	36	-6.15e-03	-8.28e-03	-0.02	1.19e-04	-2.14e-04	3.80e-05
959	38	0.01	3.79e-03	-0.02	8.83e-05	-1.60e-04	3.10e-05
959	42	0.01	2.57e-03	-0.02	9.19e-05	-1.56e-04	3.00e-05
959	68	-5.28e-03	-7.69e-03	-0.02	1.18e-04	-2.12e-04	3.77e-05
959	70	0.01	3.36e-03	-0.02	8.98e-05	-1.62e-04	3.12e-05
959	74	0.01	2.25e-03	-0.02	9.31e-05	-1.58e-04	3.03e-05
960	4	-0.02	-0.02	-0.02	-3.39e-05	-3.54e-04	5.73e-05
960	6	0.04	0.01	-0.02	-8.85e-05	-2.58e-04	3.34e-05
960	21	0.02	9.24e-03	-0.03	-4.81e-05	-2.37e-04	2.84e-05
960	36	-8.61e-03	-9.80e-03	-0.02	-4.60e-05	-3.22e-04	4.94e-05
960	38	0.02	3.84e-03	-0.02	-7.19e-05	-2.77e-04	3.81e-05
960	53	0.01	3.29e-03	-0.02	-5.30e-05	-2.67e-04	3.58e-05
960	68	-7.40e-03	-9.14e-03	-0.02	-4.69e-05	-3.20e-04	4.88e-05
960	70	0.02	3.35e-03	-0.02	-7.06e-05	-2.78e-04	3.84e-05
960	85	0.01	2.85e-03	-0.02	-5.34e-05	-2.69e-04	3.64e-05
961	4	-0.03	-0.02	-2.95e-03	-1.64e-04	-4.31e-04	7.20e-05
961	6	0.04	0.01	-9.01e-03	-1.93e-04	-3.48e-04	5.72e-05
961	17	0.02	0.01	-0.01	-1.64e-04	-3.37e-04	5.49e-05
961	36	-0.01	-9.21e-03	-5.48e-03	-1.70e-04	-4.04e-04	6.72e-05
961	38	0.02	5.59e-03	-8.29e-03	-1.83e-04	-3.65e-04	6.02e-05
961	49	0.01	5.23e-03	-0.01	-1.70e-04	-3.60e-04	5.91e-05
961	68	-0.01	-8.50e-03	-5.66e-03	-1.70e-04	-4.02e-04	6.68e-05
961	70	0.02	5.06e-03	-8.23e-03	-1.83e-04	-3.66e-04	6.04e-05
961	81	0.01	4.73e-03	-0.01	-1.70e-04	-3.62e-04	5.94e-05
962	4	-0.03	-0.02	-7.80e-03	-1.35e-04	-4.12e-04	6.81e-05
962	6	0.04	0.01	-0.01	-1.73e-04	-3.24e-04	5.13e-05
962	21	0.02	0.01	-0.02	-1.41e-04	-3.08e-04	4.75e-05
962	36	-0.01	-9.56e-03	-0.01	-1.43e-04	-3.83e-04	6.26e-05
962	38	0.02	4.92e-03	-0.01	-1.61e-04	-3.42e-04	5.46e-05
962	53	0.01	4.21e-03	-0.02	-1.46e-04	-3.35e-04	5.29e-05
962	68	-0.01	-8.86e-03	-0.01	-1.44e-04	-3.81e-04	6.22e-05
962	70	0.02	4.40e-03	-0.01	-1.60e-04	-3.43e-04	5.48e-05
962	85	0.01	3.75e-03	-0.02	-1.46e-04	-3.37e-04	5.33e-05
963	4	-0.02	-0.02	-0.02	2.51e-05	-3.21e-04	5.04e-05
963	6	0.03	9.65e-03	-0.02	-3.54e-05	-2.20e-04	2.70e-05
963	21	0.02	8.97e-03	-0.03	8.62e-06	-1.97e-04	2.05e-05
963	36	-7.57e-03	-9.56e-03	-0.02	1.16e-05	-2.88e-04	4.25e-05
963	38	0.02	3.59e-03	-0.02	-1.71e-05	-2.40e-04	3.14e-05
963	53	0.01	3.15e-03	-0.02	3.50e-06	-2.29e-04	2.84e-05
963	68	-6.48e-03	-8.92e-03	-0.02	1.06e-05	-2.85e-04	4.19e-05
963	70	0.02	3.13e-03	-0.02	-1.57e-05	-2.41e-04	3.17e-05
963	85	0.01	2.72e-03	-0.02	3.14e-06	-2.32e-04	2.90e-05
964	1	0.05	0.02	7.95e-03	-1.50e-04	-3.47e-04	5.57e-05
964	6	0.05	0.01	0.01	-1.62e-04	-3.34e-04	5.82e-05
964	18	8.22e-03	-2.84e-03	0.01	-1.67e-04	-3.45e-04	6.56e-05
964	33	0.02	9.64e-03	7.39e-03	-1.46e-04	-3.63e-04	5.98e-05
964	38	0.02	7.38e-03	8.78e-03	-1.51e-04	-3.57e-04	6.10e-05
964	50	5.06e-03	-8.71e-04	9.69e-03	-1.53e-04	-3.63e-04	6.45e-05
964	65	0.02	8.89e-03	7.35e-03	-1.46e-04	-3.65e-04	6.01e-05
964	70	0.02	6.82e-03	8.62e-03	-1.51e-04	-3.59e-04	6.12e-05
964	82	4.81e-03	-7.34e-04	9.45e-03	-1.52e-04	-3.64e-04	6.44e-05
965	1	0.02	0.01	-0.01	1.18e-04	-2.14e-05	9.81e-06
965	5	0.02	0.01	-0.02	1.18e-04	-2.17e-05	9.91e-06
965	10	0.02	7.69e-03	-0.02	1.35e-04	-4.96e-05	1.34e-05
965	33	0.01	6.73e-03	-0.01	1.35e-04	-6.35e-05	1.57e-05
965	37	0.01	6.62e-03	-0.01	1.36e-04	-6.37e-05	1.58e-05
965	42	9.08e-03	3.81e-03	-0.01	1.43e-04	-7.66e-05	1.74e-05
965	65	9.88e-03	6.19e-03	-0.01	1.37e-04	-6.67e-05	1.62e-05
965	69	9.93e-03	6.09e-03	-0.01	1.37e-04	-6.68e-05	1.62e-05
965	74	8.53e-03	3.51e-03	-0.01	1.44e-04	-7.87e-05	1.77e-05
966	4	-0.04	-0.02	2.20e-03	-1.76e-04	-4.40e-04	7.32e-05
966	6	0.05	0.01	-3.84e-03	-1.98e-04	-3.61e-04	5.99e-05
966	17	0.02	0.01	-9.09e-03	-1.70e-04	-3.53e-04	5.84e-05

966	36	-0.02	-8.82e-03	-3.07e-04	-1.80e-04	-4.15e-04	6.90e-05
966	38	0.02	6.29e-03	-3.11e-03	-1.90e-04	-3.77e-04	6.27e-05
966	49	0.01	5.89e-03	-5.55e-03	-1.77e-04	-3.74e-04	6.20e-05
966	68	-0.01	-8.09e-03	-4.90e-04	-1.80e-04	-4.13e-04	6.86e-05
966	70	0.02	5.75e-03	-3.05e-03	-1.89e-04	-3.78e-04	6.29e-05
966	81	0.01	5.38e-03	-5.29e-03	-1.77e-04	-3.75e-04	6.23e-05
967	1	0.05	0.02	-9.41e-04	-1.49e-04	-4.43e-04	7.70e-05
967	6	0.05	0.01	1.70e-03	-1.60e-04	-4.30e-04	7.50e-05
967	19	-4.56e-03	4.73e-03	-8.10e-03	-1.16e-04	-5.06e-04	8.92e-05
967	33	0.02	8.54e-03	-1.79e-03	-1.44e-04	-4.59e-04	8.04e-05
967	38	0.02	6.31e-03	-5.66e-04	-1.49e-04	-4.53e-04	7.95e-05
967	51	-1.34e-03	2.48e-03	-5.14e-03	-1.29e-04	-4.89e-04	8.62e-05
967	65	0.02	7.88e-03	-1.86e-03	-1.44e-04	-4.60e-04	8.07e-05
967	70	0.02	5.83e-03	-7.35e-04	-1.48e-04	-4.55e-04	7.99e-05
967	83	-1.08e-03	2.32e-03	-4.93e-03	-1.30e-04	-4.88e-04	8.60e-05
968	1	0.05	0.02	0.01	-7.05e-05	-3.12e-04	4.22e-05
968	6	0.05	0.01	0.01	-5.73e-05	-3.00e-04	4.07e-05
968	18	6.88e-03	-2.71e-03	0.02	-5.65e-05	-3.14e-04	4.66e-05
968	33	0.02	9.96e-03	0.01	-7.84e-05	-3.29e-04	4.75e-05
968	38	0.02	7.66e-03	0.01	-7.23e-05	-3.24e-04	4.68e-05
968	50	3.49e-03	-6.96e-04	0.01	-7.21e-05	-3.31e-04	4.97e-05
968	65	0.02	9.21e-03	0.01	-7.90e-05	-3.31e-04	4.79e-05
968	70	0.02	7.10e-03	0.01	-7.34e-05	-3.26e-04	4.73e-05
968	82	3.22e-03	-5.56e-04	0.01	-7.32e-05	-3.32e-04	4.99e-05
969	4	-0.03	-0.02	-0.01	-9.24e-05	-3.83e-04	6.14e-05
969	6	0.04	0.01	-0.02	-1.40e-04	-2.91e-04	4.76e-05
969	21	0.02	9.93e-03	-0.02	-1.03e-04	-2.72e-04	4.17e-05
969	36	-9.92e-03	-9.77e-03	-0.01	-1.03e-04	-3.53e-04	5.65e-05
969	38	0.02	4.54e-03	-0.02	-1.25e-04	-3.09e-04	5.00e-05
969	53	0.01	3.82e-03	-0.02	-1.08e-04	-3.01e-04	4.73e-05
969	68	-8.59e-03	-9.08e-03	-0.01	-1.03e-04	-3.51e-04	5.62e-05
969	70	0.02	4.02e-03	-0.02	-1.24e-04	-3.11e-04	5.02e-05
969	85	0.01	3.37e-03	-0.02	-1.09e-04	-3.03e-04	4.77e-05
970	4	-0.02	-0.02	-0.01	7.88e-05	-2.86e-04	4.94e-05
970	6	0.03	9.81e-03	-0.02	1.39e-05	-1.78e-04	2.84e-05
970	21	7.34e-03	9.15e-03	-0.03	6.04e-05	-1.53e-04	2.38e-05
970	36	-5.68e-03	-9.00e-03	-0.02	6.43e-05	-2.50e-04	4.25e-05
970	38	0.02	3.88e-03	-0.02	3.35e-05	-1.99e-04	3.25e-05
970	53	6.10e-03	3.45e-03	-0.02	5.52e-05	-1.88e-04	3.04e-05
970	68	-4.79e-03	-8.38e-03	-0.02	6.32e-05	-2.48e-04	4.19e-05
970	70	0.02	3.42e-03	-0.02	3.49e-05	-2.01e-04	3.28e-05
970	85	6.00e-03	3.02e-03	-0.02	5.49e-05	-1.90e-04	3.09e-05
971	2	0.08	0.04	-0.04	1.28e-04	3.97e-04	1.08e-04
971	5	0.07	0.04	-0.04	1.02e-04	3.48e-04	9.43e-05
971	7	-0.08	-0.03	0.02	2.96e-04	-1.71e-04	-1.28e-04
971	34	0.04	0.02	-0.03	1.71e-04	2.48e-04	4.62e-05
971	37	0.03	0.02	-0.02	1.59e-04	2.25e-04	4.00e-05
971	39	-0.04	-0.01	4.01e-03	2.52e-04	-2.24e-05	-6.61e-05
971	66	0.03	0.02	-0.02	1.75e-04	2.37e-04	4.15e-05
971	69	0.03	0.02	-0.02	1.64e-04	2.16e-04	3.58e-05
971	71	-0.04	-0.01	2.78e-03	2.48e-04	-1.11e-05	-6.14e-05
972	5	0.07	0.04	-0.03	-1.29e-05	2.88e-04	3.81e-05
972	6	0.08	0.03	-0.03	8.10e-06	3.28e-04	4.29e-05
972	7	-0.08	-0.03	0.03	1.44e-04	-2.52e-04	-5.32e-05
972	37	0.03	0.02	-0.02	3.38e-05	1.58e-04	1.55e-05
972	38	0.04	0.02	-0.02	4.36e-05	1.76e-04	1.78e-05
972	39	-0.04	-0.02	0.01	1.09e-04	-1.00e-04	-2.81e-05
972	69	0.03	0.02	-0.02	3.73e-05	1.48e-04	1.38e-05
972	70	0.03	0.01	-0.02	4.63e-05	1.65e-04	1.59e-05
972	71	-0.03	-0.01	9.94e-03	1.06e-04	-8.85e-05	-2.62e-05
973	5	0.07	0.04	-0.03	-4.14e-05	2.54e-04	3.48e-05
973	6	0.07	0.03	-0.03	-2.46e-05	2.87e-04	3.94e-05
973	7	-0.08	-0.03	0.03	7.76e-05	-2.76e-04	-4.57e-05
973	37	0.03	0.02	-0.01	-5.78e-06	1.25e-04	1.50e-05
973	38	0.03	0.02	-0.01	2.07e-06	1.40e-04	1.72e-05
973	39	-0.04	-0.02	0.01	5.09e-05	-1.28e-04	-2.34e-05
973	69	0.03	0.02	-0.01	-3.06e-06	1.15e-04	1.35e-05
973	70	0.03	0.01	-0.01	4.12e-06	1.29e-04	1.55e-05
973	71	-0.03	-0.01	0.01	4.89e-05	-1.17e-04	-2.17e-05
974	7	-0.07	-0.03	0.03	6.19e-05	-2.76e-04	-3.24e-05
974	8	-0.06	-0.03	0.03	7.56e-05	-2.48e-04	-3.70e-05
974	39	-0.04	-0.01	0.01	4.22e-05	-1.35e-04	-1.83e-05
974	40	-0.03	-0.02	0.01	4.86e-05	-1.22e-04	-2.05e-05
974	71	-0.03	-0.01	0.01	4.07e-05	-1.24e-04	-1.72e-05
974	72	-0.03	-0.02	0.01	4.65e-05	-1.12e-04	-1.92e-05
975	7	-0.07	-0.03	0.03	7.08e-05	-2.72e-04	-2.16e-05
975	8	-0.06	-0.03	0.03	8.22e-05	-2.48e-04	-2.85e-05

975	39	-0.03	-0.01	0.01	5.70e-05	-1.39e-04	-1.76e-05
975	40	-0.03	-0.02	0.01	6.23e-05	-1.28e-04	-2.08e-05
975	71	-0.03	-0.01	0.01	5.60e-05	-1.29e-04	-1.73e-05
975	72	-0.03	-0.01	0.01	6.08e-05	-1.18e-04	-2.02e-05
976	4	-0.06	-0.03	0.03	1.01e-04	-2.53e-04	-3.25e-05
976	7	-0.07	-0.03	0.03	8.98e-05	-2.72e-04	-2.69e-05
976	36	-0.03	-0.02	0.02	8.86e-05	-1.41e-04	-2.76e-05
976	39	-0.03	-0.01	0.02	8.33e-05	-1.50e-04	-2.50e-05
976	68	-0.03	-0.01	0.01	8.76e-05	-1.32e-04	-2.73e-05
976	71	-0.03	-0.01	0.01	8.28e-05	-1.41e-04	-2.49e-05
977	4	-0.06	-0.03	0.03	1.32e-04	-2.67e-04	-1.28e-05
977	7	-0.06	-0.03	0.03	1.21e-04	-2.85e-04	-4.59e-06
977	36	-0.03	-0.01	0.02	1.23e-04	-1.65e-04	-2.81e-05
977	39	-0.03	-0.01	0.02	1.18e-04	-1.74e-04	-2.43e-05
977	68	-0.03	-0.01	0.02	1.23e-04	-1.57e-04	-2.93e-05
977	71	-0.03	-0.01	0.02	1.18e-04	-1.65e-04	-2.58e-05
978	4	-0.05	-0.03	0.03	1.37e-04	-2.90e-04	-1.18e-05
978	7	-0.06	-0.02	0.03	1.25e-04	-3.06e-04	-2.45e-06
978	8	-0.05	-0.03	0.03	1.37e-04	-2.88e-04	-1.18e-05
978	36	-0.03	-0.01	0.02	1.45e-04	-2.01e-04	-3.82e-05
978	39	-0.03	-0.01	0.02	1.40e-04	-2.09e-04	-3.39e-05
978	40	-0.03	-0.01	0.02	1.45e-04	-2.00e-04	-3.82e-05
978	68	-0.02	-0.01	0.02	1.46e-04	-1.94e-04	-4.02e-05
978	71	-0.03	-0.01	0.02	1.41e-04	-2.01e-04	-3.63e-05
978	72	-0.02	-0.01	0.02	1.46e-04	-1.94e-04	-4.02e-05
979	4	-0.06	-0.03	0.03	1.35e-04	-3.22e-04	3.50e-05
979	7	-0.06	-0.02	0.03	1.21e-04	-3.37e-04	3.53e-05
979	36	-0.03	-0.01	0.03	1.51e-04	-2.48e-04	-1.64e-05
979	39	-0.03	-0.01	0.03	1.45e-04	-2.54e-04	-1.62e-05
979	68	-0.02	-0.01	0.03	1.53e-04	-2.42e-04	-2.03e-05
979	71	-0.02	-0.01	0.03	1.47e-04	-2.48e-04	-2.01e-05
980	4	-0.05	-0.03	0.03	6.41e-05	-3.39e-04	-1.01e-05
980	6	0.05	0.02	0.02	1.80e-04	-1.23e-04	-6.16e-05
980	12	-0.05	-0.02	0.04	9.20e-05	-3.35e-04	-4.85e-05
980	36	-0.02	-0.01	0.03	9.02e-05	-2.86e-04	-2.58e-05
980	38	0.03	8.19e-03	0.02	1.45e-04	-1.83e-04	-5.02e-05
980	44	-0.02	-0.01	0.03	1.04e-04	-2.84e-04	-4.38e-05
980	68	-0.02	-0.01	0.03	9.22e-05	-2.82e-04	-2.70e-05
980	70	0.02	7.40e-03	0.02	1.43e-04	-1.88e-04	-4.93e-05
980	76	-0.02	-0.01	0.03	1.04e-04	-2.80e-04	-4.35e-05
981	2	0.08	0.03	-0.03	1.10e-04	4.13e-04	6.53e-05
981	5	0.07	0.04	-0.03	8.67e-05	3.65e-04	5.20e-05
981	7	-0.08	-0.03	0.01	2.82e-04	-1.47e-04	-1.72e-04
981	34	0.04	0.02	-0.02	1.54e-04	2.66e-04	3.42e-06
981	37	0.03	0.02	-0.02	1.44e-04	2.44e-04	-2.78e-06
981	39	-0.04	-0.01	9.21e-04	2.37e-04	0.0	-1.10e-04
981	66	0.03	0.01	-0.02	1.58e-04	2.55e-04	-1.32e-06
981	69	0.03	0.02	-0.02	1.48e-04	2.34e-04	-6.99e-06
981	71	-0.04	-0.01	2.25e-06	2.34e-04	1.07e-05	-1.05e-04
982	2	0.08	0.03	-0.02	9.05e-05	4.14e-04	5.66e-05
982	5	0.08	0.03	-0.02	7.10e-05	3.67e-04	4.21e-05
982	7	-0.09	-0.03	6.33e-03	2.69e-04	-1.38e-04	-1.90e-04
982	34	0.04	0.01	-0.02	1.37e-04	2.70e-04	-7.75e-06
982	37	0.04	0.02	-0.01	1.28e-04	2.47e-04	-1.46e-05
982	39	-0.04	-0.01	-1.62e-03	2.22e-04	6.48e-06	-1.26e-04
982	66	0.04	0.01	-0.02	1.40e-04	2.58e-04	-1.27e-05
982	69	0.03	0.01	-0.01	1.32e-04	2.38e-04	-1.89e-05
982	71	-0.04	-0.01	-2.23e-03	2.18e-04	1.75e-05	-1.21e-04
983	2	0.08	0.03	-0.02	9.49e-05	3.73e-04	1.37e-04
983	7	-0.09	-0.03	-8.25e-05	2.61e-04	-1.61e-04	-1.47e-04
983	8	-0.08	-0.03	-2.38e-03	2.77e-04	-1.17e-04	-1.26e-04
983	34	0.04	0.01	-0.01	1.38e-04	2.33e-04	6.28e-05
983	39	-0.04	-0.01	-4.06e-03	2.17e-04	-2.13e-05	-7.28e-05
983	40	-0.04	-0.01	-5.14e-03	2.25e-04	0.0	-6.29e-05
983	66	0.04	0.01	-0.01	1.41e-04	2.22e-04	5.71e-05
983	71	-0.04	-0.01	-4.37e-03	2.14e-04	-1.06e-05	-6.71e-05
983	72	-0.03	-0.01	-5.35e-03	2.21e-04	8.13e-06	-5.80e-05
984	4	-0.08	-0.03	-3.86e-03	1.79e-04	-1.94e-04	-1.10e-04
984	7	-0.09	-0.02	-2.32e-03	1.67e-04	-2.26e-04	-1.26e-04
984	18	0.03	-1.15e-03	-6.98e-03	9.63e-05	1.65e-04	7.74e-05
984	36	-0.04	-0.01	-3.91e-03	1.36e-04	-7.26e-05	-4.60e-05
984	39	-0.04	-0.01	-3.19e-03	1.30e-04	-8.76e-05	-5.38e-05
984	50	0.02	-9.76e-04	-5.36e-03	9.66e-05	9.84e-05	4.31e-05
984	68	-0.04	-0.01	-3.91e-03	1.33e-04	-6.32e-05	-4.12e-05
984	71	-0.04	-0.01	-3.26e-03	1.28e-04	-7.70e-05	-4.83e-05
984	82	0.01	-9.74e-04	-5.24e-03	9.67e-05	9.33e-05	4.05e-05
985	4	-0.08	-0.03	-1.90e-03	1.01e-04	-2.49e-04	-1.13e-04

985	7	-0.08	-0.02	-8.19e-04	9.13e-05	-2.75e-04	-1.26e-04
985	18	0.03	-1.42e-03	-4.08e-03	1.68e-05	1.20e-04	6.00e-05
985	36	-0.04	-0.01	-1.93e-03	6.00e-05	-1.18e-04	-5.20e-05
985	39	-0.04	-0.01	-1.43e-03	5.53e-05	-1.30e-04	-5.82e-05
985	50	0.02	-9.98e-04	-2.95e-03	1.94e-05	5.81e-05	3.04e-05
985	68	-0.03	-0.01	-1.94e-03	5.68e-05	-1.08e-04	-4.74e-05
985	71	-0.04	-0.01	-1.48e-03	5.25e-05	-1.19e-04	-5.30e-05
985	82	0.01	-9.77e-04	-2.87e-03	1.97e-05	5.34e-05	2.81e-05
986	4	-0.07	-0.02	-1.38e-03	8.17e-05	-2.53e-04	-1.13e-04
986	7	-0.08	-0.02	-6.17e-04	7.27e-05	-2.76e-04	-1.25e-04
986	18	0.03	-1.65e-03	-2.93e-03	2.37e-06	1.02e-04	5.39e-05
986	36	-0.04	-0.01	-1.41e-03	4.33e-05	-1.25e-04	-5.33e-05
986	39	-0.04	-0.01	-1.06e-03	3.91e-05	-1.36e-04	-5.86e-05
986	50	0.01	-9.89e-04	-2.13e-03	5.28e-06	4.38e-05	2.65e-05
986	68	-0.03	-0.01	-1.41e-03	4.04e-05	-1.16e-04	-4.86e-05
986	71	-0.04	-9.23e-03	-1.09e-03	3.65e-05	-1.25e-04	-5.35e-05
986	82	0.01	-9.51e-04	-2.07e-03	5.53e-06	3.94e-05	2.44e-05
987	4	-0.07	-0.02	-1.21e-03	7.39e-05	-2.47e-04	-1.12e-04
987	7	-0.08	-0.02	-7.02e-04	6.55e-05	-2.68e-04	-1.22e-04
987	18	0.03	-1.87e-03	-2.29e-03	1.31e-06	8.67e-05	4.78e-05
987	36	-0.03	-0.01	-1.25e-03	3.86e-05	-1.26e-04	-5.41e-05
987	39	-0.04	-9.22e-03	-1.01e-03	3.47e-05	-1.36e-04	-5.88e-05
987	50	0.01	-9.86e-04	-1.75e-03	3.83e-06	3.31e-05	2.23e-05
987	68	-0.03	-0.01	-1.25e-03	3.59e-05	-1.17e-04	-4.96e-05
987	71	-0.03	-8.48e-03	-1.03e-03	3.23e-05	-1.26e-04	-5.40e-05
987	82	0.01	-9.31e-04	-1.71e-03	4.05e-06	2.90e-05	2.03e-05
988	4	-0.07	-0.02	-1.23e-03	7.04e-05	-2.43e-04	-1.12e-04
988	7	-0.07	-0.02	-9.43e-04	6.21e-05	-2.62e-04	-1.21e-04
988	18	0.03	-2.11e-03	-1.90e-03	6.22e-06	6.56e-05	4.09e-05
988	36	-0.03	-0.01	-1.27e-03	3.85e-05	-1.31e-04	-5.62e-05
988	39	-0.04	-8.44e-03	-1.14e-03	3.46e-05	-1.40e-04	-6.06e-05
988	50	0.01	-9.96e-04	-1.59e-03	7.74e-06	1.59e-05	1.68e-05
988	68	-0.03	-9.70e-03	-1.28e-03	3.61e-05	-1.23e-04	-5.19e-05
988	71	-0.03	-7.75e-03	-1.15e-03	3.25e-05	-1.31e-04	-5.59e-05
988	82	0.01	-9.23e-04	-1.56e-03	7.88e-06	1.22e-05	1.50e-05
989	1	0.06	0.02	-1.60e-03	-3.74e-05	1.40e-04	9.09e-05
989	2	0.07	0.02	-1.68e-03	-2.86e-05	1.56e-04	9.80e-05
989	7	-0.07	-0.02	-1.33e-03	6.12e-05	-2.64e-04	-1.22e-04
989	33	0.03	9.92e-03	-1.55e-03	-9.30e-06	3.91e-05	3.75e-05
989	34	0.03	7.70e-03	-1.58e-03	-5.22e-06	4.64e-05	4.09e-05
989	39	-0.03	-7.67e-03	-1.42e-03	3.78e-05	-1.54e-04	-6.44e-05
989	65	0.03	9.09e-03	-1.54e-03	-7.16e-06	3.13e-05	3.34e-05
989	66	0.03	7.06e-03	-1.58e-03	-3.42e-06	3.80e-05	3.65e-05
989	71	-0.03	-7.02e-03	-1.43e-03	3.59e-05	-1.46e-04	-6.00e-05
990	1	0.06	0.02	-1.82e-03	-1.85e-05	7.78e-05	7.67e-05
990	7	-0.07	-0.01	-2.12e-03	6.23e-05	-2.78e-04	-1.26e-04
990	23	-0.03	4.21e-03	-2.28e-03	2.06e-05	-1.61e-04	-5.40e-05
990	33	0.03	9.56e-03	-1.85e-03	5.14e-06	-1.07e-05	2.59e-05
990	39	-0.03	-6.88e-03	-1.98e-03	4.37e-05	-1.80e-04	-7.09e-05
990	55	-0.01	2.05e-03	-2.06e-03	2.39e-05	-1.24e-04	-3.64e-05
990	65	0.02	8.78e-03	-1.85e-03	6.94e-06	-1.75e-05	2.20e-05
990	71	-0.03	-6.28e-03	-1.97e-03	4.22e-05	-1.73e-04	-6.67e-05
990	87	-0.01	1.90e-03	-2.04e-03	2.41e-05	-1.22e-04	-3.51e-05
991	1	0.05	0.02	-2.38e-03	4.55e-06	-5.31e-06	5.78e-05
991	7	-0.06	-0.01	-3.13e-03	6.30e-05	-3.06e-04	-1.34e-04
991	23	-0.03	4.86e-03	-3.54e-03	2.84e-05	-2.10e-04	-6.60e-05
991	33	0.02	9.22e-03	-2.45e-03	2.27e-05	-8.00e-05	9.87e-06
991	39	-0.03	-6.05e-03	-2.80e-03	5.05e-05	-2.24e-04	-8.16e-05
991	55	-0.01	2.48e-03	-2.99e-03	3.42e-05	-1.78e-04	-4.92e-05
991	65	0.02	8.49e-03	-2.45e-03	2.41e-05	-8.57e-05	6.19e-06
991	71	-0.03	-5.51e-03	-2.77e-03	4.96e-05	-2.17e-04	-7.76e-05
991	87	-0.01	2.31e-03	-2.95e-03	3.46e-05	-1.75e-04	-4.79e-05
992	1	0.06	0.02	-3.41e-03	2.24e-05	-1.21e-04	2.76e-05
992	7	-0.06	-0.01	-5.04e-03	5.24e-05	-3.59e-04	-1.52e-04
992	19	-0.01	4.92e-03	-5.64e-03	2.61e-05	-2.90e-04	-9.55e-05
992	33	0.02	8.97e-03	-3.60e-03	3.36e-05	-1.80e-04	-1.74e-05
992	39	-0.03	-5.07e-03	-4.37e-03	4.77e-05	-2.93e-04	-1.03e-04
992	51	-7.13e-03	2.68e-03	-4.64e-03	3.55e-05	-2.60e-04	-7.62e-05
992	65	0.02	8.29e-03	-3.62e-03	3.45e-05	-1.84e-04	-2.09e-05
992	71	-0.03	-4.58e-03	-4.32e-03	4.74e-05	-2.88e-04	-9.96e-05
992	83	-6.79e-03	2.52e-03	-4.57e-03	3.62e-05	-2.58e-04	-7.47e-05
993	1	0.05	0.02	-7.42e-03	5.37e-05	-3.23e-04	0.0
993	7	-0.06	-8.96e-03	-0.01	2.41e-05	-5.04e-04	-1.56e-04
993	19	-0.03	6.72e-03	-0.01	1.60e-05	-4.52e-04	-8.83e-05
993	33	0.02	9.61e-03	-7.97e-03	4.97e-05	-3.67e-04	-4.04e-05
993	39	-0.03	-3.24e-03	-9.63e-03	3.59e-05	-4.54e-04	-1.15e-04
993	51	-0.01	4.17e-03	-9.89e-03	3.21e-05	-4.29e-04	-8.27e-05

993	65	0.02	8.98e-03	-8.01e-03	4.94e-05	-3.71e-04	-4.35e-05
993	71	-0.03	-2.80e-03	-9.53e-03	3.67e-05	-4.50e-04	-1.12e-04
993	83	-0.01	3.98e-03	-9.77e-03	3.33e-05	-4.27e-04	-8.23e-05
994	4	-0.05	-0.02	0.03	2.49e-06	-3.37e-04	-9.40e-05
994	6	0.05	0.02	0.02	1.18e-04	-1.69e-04	-2.67e-05
994	12	-0.04	-0.02	0.03	2.95e-05	-3.42e-04	-8.98e-05
994	36	-0.02	-0.01	0.03	2.82e-05	-2.97e-04	-7.35e-05
994	38	0.02	8.11e-03	0.03	8.32e-05	-2.17e-04	-4.17e-05
994	44	-0.02	-0.01	0.03	4.12e-05	-2.99e-04	-7.14e-05
994	68	-0.02	-0.01	0.03	3.02e-05	-2.94e-04	-7.20e-05
994	70	0.02	7.35e-03	0.03	8.05e-05	-2.20e-04	-4.29e-05
994	76	-0.02	-9.54e-03	0.03	4.21e-05	-2.96e-04	-7.00e-05
995	4	-0.05	-0.03	0.03	8.92e-05	-3.13e-04	-1.41e-04
995	6	0.05	0.02	0.02	2.33e-04	-9.52e-05	3.92e-05
995	12	-0.05	-0.02	0.03	1.23e-04	-3.09e-04	-1.14e-04
995	36	-0.03	-0.01	0.03	1.22e-04	-2.60e-04	-9.10e-05
995	38	0.03	8.54e-03	0.02	1.91e-04	-1.56e-04	-5.01e-06
995	44	-0.02	-0.01	0.03	1.38e-04	-2.58e-04	-7.78e-05
995	68	-0.02	-0.01	0.03	1.25e-04	-2.56e-04	-8.72e-05
995	70	0.02	7.71e-03	0.02	1.88e-04	-1.60e-04	-8.41e-06
995	76	-0.02	-0.01	0.03	1.40e-04	-2.54e-04	-7.50e-05
996	4	-0.06	-0.03	0.03	1.23e-04	-2.87e-04	-1.36e-04
996	7	-0.06	-0.02	0.03	1.08e-04	-3.01e-04	-1.37e-04
996	36	-0.03	-0.01	0.03	1.48e-04	-2.18e-04	-7.78e-05
996	39	-0.03	-0.01	0.02	1.41e-04	-2.24e-04	-7.81e-05
996	68	-0.03	-0.01	0.02	1.50e-04	-2.13e-04	-7.33e-05
996	71	-0.03	-0.01	0.02	1.43e-04	-2.19e-04	-7.37e-05
997	4	-0.06	-0.03	0.03	1.20e-04	-2.67e-04	-9.45e-05
997	7	-0.06	-0.02	0.03	1.06e-04	-2.82e-04	-9.52e-05
997	8	-0.05	-0.03	0.03	1.19e-04	-2.65e-04	-8.66e-05
997	36	-0.03	-0.01	0.02	1.31e-04	-1.80e-04	-5.10e-05
997	39	-0.03	-0.01	0.02	1.25e-04	-1.87e-04	-5.13e-05
997	40	-0.03	-0.01	0.02	1.31e-04	-1.79e-04	-4.73e-05
997	68	-0.02	-0.01	0.02	1.32e-04	-1.73e-04	-4.77e-05
997	71	-0.03	-0.01	0.02	1.26e-04	-1.80e-04	-4.80e-05
997	72	-0.02	-0.01	0.02	1.32e-04	-1.72e-04	-4.43e-05
998	4	-0.06	-0.03	0.03	9.38e-05	-2.49e-04	-8.48e-05
998	7	-0.06	-0.03	0.03	8.14e-05	-2.67e-04	-9.29e-05
998	36	-0.03	-0.01	0.02	9.68e-05	-1.48e-04	-4.62e-05
998	39	-0.03	-0.01	0.02	9.11e-05	-1.57e-04	-4.99e-05
998	68	-0.03	-0.01	0.02	9.71e-05	-1.41e-04	-4.32e-05
998	71	-0.03	-0.01	0.02	9.18e-05	-1.48e-04	-4.67e-05
999	7	-0.07	-0.03	0.03	7.44e-05	-2.65e-04	-6.78e-05
999	8	-0.06	-0.03	0.03	8.63e-05	-2.43e-04	-6.12e-05
999	39	-0.03	-0.01	0.01	6.76e-05	-1.41e-04	-3.51e-05
999	40	-0.03	-0.02	0.01	7.32e-05	-1.31e-04	-3.21e-05
999	71	-0.03	-0.01	0.01	6.71e-05	-1.32e-04	-3.26e-05
999	72	-0.03	-0.01	0.01	7.22e-05	-1.22e-04	-2.98e-05
1000	7	-0.07	-0.03	0.03	5.94e-05	-2.68e-04	-6.96e-05
1000	8	-0.06	-0.03	0.03	7.29e-05	-2.43e-04	-6.13e-05
1000	39	-0.03	-0.01	0.01	4.56e-05	-1.34e-04	-3.51e-05
1000	40	-0.03	-0.02	0.01	5.20e-05	-1.23e-04	-3.12e-05
1000	71	-0.03	-0.01	0.01	4.46e-05	-1.24e-04	-3.25e-05
1000	72	-0.03	-0.01	0.01	5.04e-05	-1.13e-04	-2.89e-05
1001	6	0.07	0.03	-0.03	-2.04e-05	2.72e-04	5.10e-05
1001	7	-0.07	-0.03	0.03	6.35e-05	-2.75e-04	-5.55e-05
1001	8	-0.07	-0.04	0.03	7.93e-05	-2.46e-04	-4.94e-05
1001	38	0.03	0.01	-0.01	1.50e-06	1.29e-04	2.31e-05
1001	39	-0.04	-0.01	0.01	4.16e-05	-1.32e-04	-2.77e-05
1001	40	-0.03	-0.02	0.01	4.90e-05	-1.18e-04	-2.48e-05
1001	70	0.03	0.01	-0.01	3.19e-06	1.18e-04	2.10e-05
1001	71	-0.03	-0.01	0.01	3.99e-05	-1.21e-04	-2.55e-05
1001	72	-0.03	-0.02	0.01	4.67e-05	-1.09e-04	-2.29e-05
1002	5	0.07	0.04	-0.03	-3.43e-05	2.67e-04	4.10e-05
1002	6	0.07	0.03	-0.03	-1.51e-05	3.03e-04	4.61e-05
1002	7	-0.08	-0.03	0.03	1.02e-04	-2.68e-04	-5.33e-05
1002	37	0.03	0.02	-0.01	6.35e-06	1.37e-04	1.77e-05
1002	38	0.03	0.02	-0.02	1.53e-05	1.54e-04	2.01e-05
1002	39	-0.04	-0.02	0.01	7.12e-05	-1.18e-04	-2.73e-05
1002	69	0.03	0.02	-0.01	9.45e-06	1.27e-04	1.60e-05
1002	70	0.03	0.01	-0.01	1.76e-05	1.43e-04	1.81e-05
1002	71	-0.03	-0.01	0.01	6.88e-05	-1.07e-04	-2.53e-05
1003	2	0.08	0.03	-0.04	5.32e-05	3.61e-04	3.93e-05
1003	5	0.07	0.04	-0.03	2.85e-05	3.17e-04	3.93e-05
1003	7	-0.08	-0.03	0.02	2.08e-04	-2.23e-04	-6.67e-05
1003	34	0.04	0.02	-0.02	9.32e-05	2.08e-04	1.38e-05
1003	37	0.03	0.02	-0.02	8.16e-05	1.87e-04	1.38e-05

1003	39	-0.04	-0.02	8.54e-03	1.67e-04	-7.03e-05	-3.68e-05
1003	66	0.03	0.02	-0.02	9.63e-05	1.97e-04	1.18e-05
1003	69	0.03	0.02	-0.02	8.57e-05	1.78e-04	1.18e-05
1003	71	-0.04	-0.01	7.31e-03	1.64e-04	-5.86e-05	-3.45e-05
1004	2	0.08	0.02	-0.01	8.14e-06	3.44e-04	4.64e-05
1004	7	-0.09	-0.03	3.64e-03	1.80e-04	-2.15e-04	-5.91e-05
1004	8	-0.08	-0.03	1.74e-03	1.94e-04	-1.76e-04	-5.33e-05
1004	34	0.04	0.01	-8.05e-03	5.30e-05	1.98e-04	2.03e-05
1004	39	-0.04	-0.01	-4.88e-04	1.35e-04	-6.88e-05	-3.01e-05
1004	40	-0.04	-0.01	-1.38e-03	1.42e-04	-5.04e-05	-2.74e-05
1004	66	0.04	0.01	-7.73e-03	5.64e-05	1.87e-04	1.83e-05
1004	71	-0.04	-0.01	-8.03e-04	1.32e-04	-5.76e-05	-2.79e-05
1004	72	-0.03	-0.01	-1.62e-03	1.38e-04	-4.07e-05	-2.54e-05
1005	2	0.08	0.03	-0.02	1.94e-05	3.68e-04	4.42e-05
1005	7	-0.08	-0.03	0.01	1.95e-04	-2.03e-04	-5.51e-05
1005	8	-0.08	-0.03	7.75e-03	2.12e-04	-1.60e-04	-4.97e-05
1005	34	0.04	0.01	-0.01	6.51e-05	2.19e-04	1.96e-05
1005	39	-0.04	-0.01	2.38e-03	1.49e-04	-5.34e-05	-2.78e-05
1005	40	-0.04	-0.02	1.12e-03	1.57e-04	-3.34e-05	-2.53e-05
1005	66	0.03	0.01	-0.01	6.86e-05	2.07e-04	1.77e-05
1005	71	-0.04	-0.01	1.76e-03	1.45e-04	-4.20e-05	-2.57e-05
1005	72	-0.03	-0.01	6.09e-04	1.53e-04	-2.37e-05	-2.34e-05
1006	2	0.08	0.03	-0.03	4.14e-05	3.73e-04	4.08e-05
1006	5	0.07	0.04	-0.03	2.03e-05	3.28e-04	4.04e-05
1006	7	-0.08	-0.03	0.02	2.06e-04	-2.07e-04	-5.79e-05
1006	34	0.04	0.02	-0.02	8.42e-05	2.21e-04	1.63e-05
1006	37	0.03	0.02	-0.02	7.44e-05	2.00e-04	1.61e-05
1006	39	-0.04	-0.01	5.28e-03	1.63e-04	-5.50e-05	-3.08e-05
1006	66	0.03	0.01	-0.02	8.75e-05	2.10e-04	1.44e-05
1006	69	0.03	0.02	-0.01	7.85e-05	1.91e-04	1.43e-05
1006	71	-0.04	-0.01	4.35e-03	1.60e-04	-4.34e-05	-2.87e-05
1007	2	0.08	0.02	-0.01	-3.44e-05	3.11e-04	4.45e-05
1007	4	-0.08	-0.03	3.80e-03	1.38e-04	-2.19e-04	-5.44e-05
1007	7	-0.08	-0.03	5.45e-03	1.26e-04	-2.53e-04	-5.46e-05
1007	34	0.04	0.01	-6.39e-03	7.51e-06	1.64e-04	2.02e-05
1007	36	-0.04	-0.01	4.93e-04	8.99e-05	-8.92e-05	-2.70e-05
1007	39	-0.04	-0.01	1.27e-03	8.43e-05	-1.05e-04	-2.71e-05
1007	66	0.04	0.01	-6.06e-03	1.07e-05	1.53e-04	1.84e-05
1007	68	-0.03	-0.01	2.38e-04	8.62e-05	-7.93e-05	-2.49e-05
1007	71	-0.04	-0.01	9.46e-04	8.11e-05	-9.40e-05	-2.50e-05
1008	2	0.08	0.03	-0.02	-2.03e-05	3.27e-04	4.51e-05
1008	7	-0.08	-0.03	0.01	1.35e-04	-2.41e-04	-5.38e-05
1008	8	-0.07	-0.03	0.01	1.50e-04	-2.03e-04	-4.69e-05
1008	34	0.04	0.01	-0.01	2.02e-05	1.79e-04	2.11e-05
1008	39	-0.04	-0.01	4.54e-03	9.48e-05	-9.21e-05	-2.61e-05
1008	40	-0.04	-0.02	3.46e-03	1.02e-04	-7.43e-05	-2.29e-05
1008	66	0.03	0.01	-9.60e-03	2.33e-05	1.67e-04	1.92e-05
1008	71	-0.04	-0.01	3.92e-03	9.16e-05	-8.08e-05	-2.40e-05
1008	72	-0.03	-0.01	2.93e-03	9.80e-05	-6.45e-05	-2.11e-05
1009	2	0.08	0.03	-0.03	-2.28e-06	3.35e-04	3.57e-05
1009	5	0.07	0.03	-0.02	-2.07e-05	2.95e-04	3.55e-05
1009	7	-0.08	-0.03	0.02	1.43e-04	-2.41e-04	-5.41e-05
1009	37	0.03	0.02	-0.01	2.69e-05	1.65e-04	1.36e-05
1009	38	0.04	0.01	-0.01	3.53e-05	1.84e-04	1.63e-05
1009	39	-0.04	-0.01	7.75e-03	1.05e-04	-9.03e-05	-2.91e-05
1009	69	0.03	0.02	-0.01	3.05e-05	1.56e-04	1.19e-05
1009	70	0.03	0.01	-0.01	3.82e-05	1.73e-04	1.44e-05
1009	71	-0.04	-0.01	6.83e-03	1.02e-04	-7.87e-05	-2.72e-05
1010	2	0.08	0.02	-9.72e-03	-5.38e-05	2.92e-04	4.00e-05
1010	4	-0.08	-0.03	4.82e-03	1.09e-04	-2.43e-04	-5.22e-05
1010	7	-0.08	-0.02	6.19e-03	9.88e-05	-2.75e-04	-5.25e-05
1010	34	0.04	0.01	-5.55e-03	-1.40e-05	1.44e-04	1.73e-05
1010	36	-0.04	-0.01	1.40e-03	6.39e-05	-1.12e-04	-2.67e-05
1010	39	-0.04	-0.01	2.04e-03	5.90e-05	-1.26e-04	-2.69e-05
1010	66	0.03	9.81e-03	-5.23e-03	-1.09e-05	1.32e-04	1.56e-05
1010	68	-0.03	-0.01	1.13e-03	6.04e-05	-1.02e-04	-2.48e-05
1010	71	-0.04	-0.01	1.72e-03	5.60e-05	-1.15e-04	-2.49e-05
1011	6	0.08	0.03	-0.02	-4.17e-05	3.02e-04	4.28e-05
1011	7	-0.08	-0.03	0.01	1.01e-04	-2.64e-04	-4.95e-05
1011	8	-0.07	-0.03	0.01	1.13e-04	-2.29e-04	-4.40e-05
1011	38	0.04	0.01	-9.04e-03	-4.53e-06	1.54e-04	1.87e-05
1011	39	-0.04	-0.01	5.58e-03	6.35e-05	-1.16e-04	-2.53e-05
1011	40	-0.04	-0.02	4.63e-03	6.95e-05	-1.00e-04	-2.28e-05
1011	70	0.03	0.01	-8.43e-03	-1.68e-06	1.42e-04	1.68e-05
1011	71	-0.04	-0.01	4.96e-03	6.07e-05	-1.05e-04	-2.35e-05
1011	72	-0.03	-0.01	4.10e-03	6.61e-05	-9.00e-05	-2.11e-05
1012	6	0.08	0.03	-0.02	-2.58e-05	3.07e-04	4.05e-05

1012	7	-0.08	-0.03	0.02	1.03e-04	-2.62e-04	-4.83e-05
1012	8	-0.07	-0.03	0.02	1.19e-04	-2.26e-04	-4.30e-05
1012	38	0.04	0.01	-0.01	7.84e-06	1.58e-04	1.73e-05
1012	39	-0.04	-0.01	9.00e-03	6.96e-05	-1.13e-04	-2.51e-05
1012	40	-0.03	-0.02	7.70e-03	7.71e-05	-9.64e-05	-2.26e-05
1012	70	0.03	0.01	-0.01	1.04e-05	1.47e-04	1.55e-05
1012	71	-0.03	-0.01	8.09e-03	6.70e-05	-1.02e-04	-2.33e-05
1012	72	-0.03	-0.01	6.90e-03	7.38e-05	-8.64e-05	-2.10e-05
1013	2	0.08	0.02	-9.16e-03	-5.93e-05	2.77e-04	4.27e-05
1013	4	-0.07	-0.03	5.29e-03	9.42e-05	-2.54e-04	-5.11e-05
1013	7	-0.08	-0.02	6.44e-03	8.41e-05	-2.81e-04	-5.14e-05
1013	34	0.04	0.01	-5.08e-03	-2.19e-05	1.31e-04	1.95e-05
1013	36	-0.04	-0.01	1.82e-03	5.14e-05	-1.22e-04	-2.53e-05
1013	39	-0.04	-0.01	2.36e-03	4.67e-05	-1.35e-04	-2.55e-05
1013	66	0.03	9.60e-03	-4.76e-03	-1.90e-05	1.20e-04	1.77e-05
1013	68	-0.03	-0.01	1.56e-03	4.82e-05	-1.12e-04	-2.34e-05
1013	71	-0.04	-0.01	2.05e-03	4.39e-05	-1.24e-04	-2.35e-05
1014	6	0.08	0.03	-0.02	-4.66e-05	2.81e-04	5.69e-05
1014	7	-0.08	-0.03	0.01	7.97e-05	-2.73e-04	-5.77e-05
1014	8	-0.07	-0.03	0.01	9.21e-05	-2.42e-04	-4.88e-05
1014	38	0.04	0.01	-8.36e-03	-1.36e-05	1.36e-04	2.69e-05
1014	39	-0.04	-0.01	5.99e-03	4.68e-05	-1.28e-04	-2.77e-05
1014	40	-0.03	-0.01	5.17e-03	5.26e-05	-1.14e-04	-2.36e-05
1014	70	0.03	0.01	-7.76e-03	-1.11e-05	1.25e-04	2.46e-05
1014	71	-0.03	-0.01	5.39e-03	4.43e-05	-1.17e-04	-2.54e-05
1014	72	-0.03	-0.01	4.64e-03	4.96e-05	-1.04e-04	-2.16e-05
1015	6	0.07	0.03	-0.02	-3.32e-05	2.86e-04	4.55e-05
1015	7	-0.08	-0.03	0.02	7.89e-05	-2.72e-04	-5.00e-05
1015	8	-0.07	-0.03	0.02	9.38e-05	-2.40e-04	-4.52e-05
1015	38	0.03	0.01	-0.01	-3.95e-06	1.40e-04	2.05e-05
1015	39	-0.04	-0.01	9.54e-03	4.97e-05	-1.26e-04	-2.50e-05
1015	40	-0.03	-0.02	8.38e-03	5.66e-05	-1.11e-04	-2.28e-05
1015	70	0.03	0.01	-0.01	-1.70e-06	1.29e-04	1.86e-05
1015	71	-0.03	-0.01	8.65e-03	4.74e-05	-1.15e-04	-2.31e-05
1015	72	-0.03	-0.01	7.59e-03	5.38e-05	-1.01e-04	-2.10e-05
1016	4	-0.07	-0.03	5.48e-03	8.58e-05	-2.56e-04	-4.97e-05
1016	6	0.08	0.02	-8.73e-03	-5.97e-05	2.69e-04	4.65e-05
1016	7	-0.08	-0.02	6.44e-03	7.63e-05	-2.81e-04	-5.00e-05
1016	36	-0.03	-0.01	2.02e-03	4.53e-05	-1.25e-04	-2.46e-05
1016	38	0.04	0.01	-4.76e-03	-2.42e-05	1.25e-04	2.13e-05
1016	39	-0.04	-0.01	2.48e-03	4.08e-05	-1.37e-04	-2.48e-05
1016	68	-0.03	-0.01	1.76e-03	4.22e-05	-1.15e-04	-2.27e-05
1016	70	0.03	9.43e-03	-4.46e-03	-2.15e-05	1.14e-04	1.93e-05
1016	71	-0.04	-0.01	2.17e-03	3.81e-05	-1.26e-04	-2.29e-05
1017	4	-0.07	-0.03	0.01	8.18e-05	-2.50e-04	-4.72e-05
1017	6	0.07	0.03	-0.02	-4.73e-05	2.70e-04	4.31e-05
1017	7	-0.08	-0.03	0.01	7.07e-05	-2.77e-04	-4.76e-05
1017	38	0.03	0.01	-7.88e-03	-1.65e-05	1.27e-04	1.94e-05
1017	39	-0.04	-0.01	6.12e-03	3.99e-05	-1.34e-04	-2.39e-05
1017	40	-0.03	-0.01	5.39e-03	4.50e-05	-1.20e-04	-2.18e-05
1017	70	0.03	0.01	-7.29e-03	-1.42e-05	1.16e-04	1.76e-05
1017	71	-0.03	-0.01	5.53e-03	3.76e-05	-1.23e-04	-2.21e-05
1017	72	-0.03	-0.01	4.86e-03	4.22e-05	-1.11e-04	-2.02e-05
1018	6	0.07	0.03	-0.02	-3.19e-05	2.72e-04	4.18e-05
1018	7	-0.08	-0.03	0.02	6.70e-05	-2.75e-04	-4.71e-05
1018	8	-0.07	-0.03	0.02	8.05e-05	-2.46e-04	-4.29e-05
1018	38	0.03	0.01	-0.01	-6.13e-06	1.29e-04	1.86e-05
1018	39	-0.04	-0.01	9.72e-03	4.12e-05	-1.32e-04	-2.39e-05
1018	40	-0.03	-0.02	8.67e-03	4.75e-05	-1.18e-04	-2.19e-05
1018	70	0.03	0.01	-0.01	-4.14e-06	1.18e-04	1.68e-05
1018	71	-0.03	-0.01	8.85e-03	3.92e-05	-1.21e-04	-2.21e-05
1018	72	-0.03	-0.01	7.89e-03	4.50e-05	-1.09e-04	-2.03e-05
1019	4	-0.07	-0.03	5.54e-03	8.28e-05	-2.55e-04	-3.70e-05
1019	6	0.07	0.02	-8.35e-03	-5.92e-05	2.61e-04	2.31e-05
1019	7	-0.08	-0.02	6.35e-03	7.40e-05	-2.79e-04	-3.02e-05
1019	36	-0.03	-0.01	2.13e-03	4.34e-05	-1.27e-04	-1.94e-05
1019	38	0.03	0.01	-4.51e-03	-2.44e-05	1.20e-04	9.19e-06
1019	39	-0.04	-0.01	2.51e-03	3.92e-05	-1.38e-04	-1.63e-05
1019	68	-0.03	-0.01	1.87e-03	4.03e-05	-1.17e-04	-1.81e-05
1019	70	0.03	9.24e-03	-4.21e-03	-2.18e-05	1.09e-04	8.12e-06
1019	71	-0.03	-9.96e-03	2.21e-03	3.66e-05	-1.27e-04	-1.52e-05
1020	4	-0.07	-0.03	0.01	7.75e-05	-2.51e-04	-3.99e-05
1020	6	0.07	0.02	-0.01	-4.30e-05	2.59e-04	3.22e-05
1020	7	-0.08	-0.02	0.01	6.75e-05	-2.76e-04	-4.00e-05
1020	36	-0.03	-0.01	5.54e-03	4.33e-05	-1.25e-04	-2.10e-05
1020	38	0.03	0.01	-7.43e-03	-1.42e-05	1.19e-04	1.33e-05
1020	39	-0.04	-0.01	6.15e-03	3.87e-05	-1.36e-04	-2.11e-05

1020	68	-0.03	-0.01	5.02e-03	4.07e-05	-1.15e-04	-1.96e-05
1020	70	0.03	0.01	-6.86e-03	-1.20e-05	1.09e-04	1.19e-05
1020	71	-0.03	-0.01	5.58e-03	3.64e-05	-1.26e-04	-1.96e-05
1021	6	0.07	0.03	-0.02	-2.64e-05	2.62e-04	1.66e-05
1021	7	-0.07	-0.03	0.02	6.47e-05	-2.77e-04	-2.83e-05
1021	8	-0.07	-0.03	0.02	7.64e-05	-2.49e-04	-3.52e-05
1021	38	0.03	0.01	-0.01	-2.65e-06	1.21e-04	4.89e-06
1021	39	-0.04	-0.01	9.79e-03	4.09e-05	-1.36e-04	-1.66e-05
1021	40	-0.03	-0.02	8.83e-03	4.64e-05	-1.23e-04	-1.98e-05
1021	70	0.03	0.01	-9.41e-03	0.0	1.10e-04	3.99e-06
1021	71	-0.03	-0.01	8.95e-03	3.91e-05	-1.25e-04	-1.57e-05
1021	72	-0.03	-0.01	8.07e-03	4.41e-05	-1.13e-04	-1.86e-05
1022	4	-0.07	-0.03	5.53e-03	7.78e-05	-2.50e-04	-5.52e-05
1022	6	0.07	0.02	-7.94e-03	-5.05e-05	2.45e-04	5.15e-05
1022	7	-0.08	-0.02	6.22e-03	6.88e-05	-2.72e-04	-5.56e-05
1022	36	-0.03	-0.01	2.20e-03	4.19e-05	-1.27e-04	-2.74e-05
1022	38	0.03	9.90e-03	-4.24e-03	-1.93e-05	1.10e-04	2.35e-05
1022	39	-0.04	-0.01	2.52e-03	3.77e-05	-1.37e-04	-2.76e-05
1022	68	-0.03	-0.01	1.94e-03	3.91e-05	-1.17e-04	-2.53e-05
1022	70	0.03	9.05e-03	-3.96e-03	-1.70e-05	9.94e-05	2.13e-05
1022	71	-0.03	-9.57e-03	2.23e-03	3.53e-05	-1.26e-04	-2.55e-05
1023	4	-0.07	-0.03	0.01	7.42e-05	-2.48e-04	-5.80e-05
1023	6	0.07	0.02	-0.01	-3.06e-05	2.43e-04	5.24e-05
1023	7	-0.07	-0.02	0.01	6.40e-05	-2.70e-04	-5.82e-05
1023	36	-0.03	-0.01	5.63e-03	4.41e-05	-1.26e-04	-2.92e-05
1023	38	0.03	0.01	-6.92e-03	-5.91e-06	1.09e-04	2.35e-05
1023	39	-0.04	-0.01	6.18e-03	3.94e-05	-1.36e-04	-2.93e-05
1023	68	-0.03	-0.01	5.13e-03	4.18e-05	-1.16e-04	-2.70e-05
1023	70	0.03	0.01	-6.37e-03	-4.01e-06	9.84e-05	2.13e-05
1023	71	-0.03	-0.01	5.63e-03	3.75e-05	-1.26e-04	-2.71e-05
1024	7	-0.07	-0.03	0.02	6.21e-05	-2.71e-04	-5.56e-05
1024	8	-0.06	-0.03	0.02	7.38e-05	-2.46e-04	-5.00e-05
1024	39	-0.04	-0.01	9.89e-03	4.35e-05	-1.36e-04	-2.82e-05
1024	40	-0.03	-0.01	9.00e-03	4.90e-05	-1.25e-04	-2.56e-05
1024	71	-0.03	-0.01	9.08e-03	4.21e-05	-1.26e-04	-2.61e-05
1024	72	-0.03	-0.01	8.27e-03	4.71e-05	-1.15e-04	-2.37e-05
1025	4	-0.07	-0.03	5.50e-03	7.99e-05	-2.51e-04	-3.24e-05
1025	6	0.07	0.02	-7.49e-03	-4.75e-05	2.34e-04	1.44e-05
1025	7	-0.07	-0.02	6.09e-03	7.13e-05	-2.72e-04	-2.76e-05
1025	36	-0.03	-0.01	2.26e-03	4.43e-05	-1.30e-04	-1.89e-05
1025	38	0.03	9.68e-03	-3.94e-03	-1.65e-05	1.02e-04	3.42e-06
1025	39	-0.04	-0.01	2.54e-03	4.03e-05	-1.40e-04	-1.67e-05
1025	68	-0.03	-0.01	2.01e-03	4.16e-05	-1.21e-04	-1.79e-05
1025	70	0.03	8.85e-03	-3.67e-03	-1.41e-05	9.15e-05	2.58e-06
1025	71	-0.03	-9.19e-03	2.27e-03	3.80e-05	-1.30e-04	-1.58e-05
1026	4	-0.07	-0.03	0.01	7.66e-05	-2.48e-04	-4.81e-05
1026	6	0.07	0.02	-0.01	-2.03e-05	2.29e-04	3.73e-05
1026	7	-0.07	-0.02	0.01	6.70e-05	-2.69e-04	-4.84e-05
1026	36	-0.03	-0.01	5.78e-03	4.87e-05	-1.29e-04	-2.58e-05
1026	38	0.03	0.01	-6.29e-03	2.47e-06	9.86e-05	1.49e-05
1026	39	-0.04	-0.01	6.28e-03	4.42e-05	-1.39e-04	-2.60e-05
1026	68	-0.03	-0.01	5.29e-03	4.66e-05	-1.20e-04	-2.41e-05
1026	70	0.03	0.01	-5.76e-03	4.23e-06	8.86e-05	1.32e-05
1026	71	-0.03	-0.01	5.76e-03	4.25e-05	-1.29e-04	-2.43e-05
1027	4	-0.06	-0.03	0.02	8.03e-05	-2.50e-04	-3.26e-05
1027	7	-0.07	-0.03	0.02	6.96e-05	-2.72e-04	-2.68e-05
1027	36	-0.03	-0.01	9.38e-03	5.70e-05	-1.30e-04	-2.16e-05
1027	39	-0.03	-0.01	0.01	5.20e-05	-1.40e-04	-1.89e-05
1027	68	-0.03	-0.01	8.66e-03	5.52e-05	-1.21e-04	-2.08e-05
1027	71	-0.03	-0.01	9.35e-03	5.06e-05	-1.30e-04	-1.83e-05
1028	4	-0.07	-0.02	5.45e-03	7.87e-05	-2.49e-04	-4.44e-05
1028	6	0.07	0.02	-6.97e-03	-3.60e-05	2.12e-04	3.38e-05
1028	7	-0.07	-0.02	5.98e-03	7.00e-05	-2.69e-04	-4.46e-05
1028	36	-0.03	-0.01	2.35e-03	4.64e-05	-1.34e-04	-2.40e-05
1028	38	0.03	9.45e-03	-3.59e-03	-8.37e-06	8.64e-05	1.33e-05
1028	39	-0.04	-9.61e-03	2.59e-03	4.23e-05	-1.43e-04	-2.41e-05
1028	68	-0.03	-0.01	2.11e-03	4.39e-05	-1.25e-04	-2.24e-05
1028	70	0.03	8.65e-03	-3.33e-03	-6.24e-06	7.68e-05	1.18e-05
1028	71	-0.03	-8.81e-03	2.33e-03	4.02e-05	-1.33e-04	-2.25e-05
1029	4	-0.06	-0.03	0.01	8.03e-05	-2.48e-04	-4.59e-05
1029	7	-0.07	-0.02	0.01	7.09e-05	-2.69e-04	-4.62e-05
1029	36	-0.03	-0.01	6.02e-03	5.50e-05	-1.34e-04	-2.67e-05
1029	39	-0.03	-0.01	6.49e-03	5.06e-05	-1.43e-04	-2.68e-05
1029	68	-0.03	-0.01	5.56e-03	5.31e-05	-1.25e-04	-2.52e-05
1029	71	-0.03	-9.89e-03	5.99e-03	4.91e-05	-1.34e-04	-2.53e-05
1030	4	-0.06	-0.03	0.02	8.48e-05	-2.49e-04	-4.60e-05
1030	7	-0.07	-0.03	0.02	7.40e-05	-2.69e-04	-4.63e-05

1030	36	-0.03	-0.01	9.83e-03	6.62e-05	-1.34e-04	-2.75e-05
1030	39	-0.03	-0.01	0.01	6.11e-05	-1.44e-04	-2.77e-05
1030	68	-0.03	-0.01	9.15e-03	6.48e-05	-1.26e-04	-2.61e-05
1030	71	-0.03	-0.01	9.80e-03	6.01e-05	-1.34e-04	-2.62e-05
1031	4	-0.06	-0.02	5.41e-03	8.35e-05	-2.54e-04	-2.71e-05
1031	6	0.07	0.02	-6.38e-03	-3.12e-05	1.95e-04	-1.19e-05
1031	7	-0.07	-0.02	5.90e-03	7.49e-05	-2.73e-04	-2.07e-05
1031	36	-0.03	-0.01	2.46e-03	5.12e-05	-1.42e-04	-2.13e-05
1031	38	0.03	9.21e-03	-3.17e-03	-3.51e-06	7.24e-05	-1.43e-05
1031	39	-0.03	-9.23e-03	2.69e-03	4.72e-05	-1.51e-04	-1.83e-05
1031	68	-0.03	-0.01	2.24e-03	4.87e-05	-1.33e-04	-2.09e-05
1031	70	0.03	8.44e-03	-2.92e-03	-1.38e-06	6.30e-05	-1.45e-05
1031	71	-0.03	-8.45e-03	2.44e-03	4.51e-05	-1.41e-04	-1.82e-05
1032	1	0.06	0.03	-9.78e-03	-1.75e-06	1.69e-04	7.95e-06
1032	7	-0.07	-0.02	0.01	7.73e-05	-2.71e-04	-3.33e-05
1032	33	0.03	0.01	-4.07e-03	2.14e-05	5.93e-05	-3.91e-06
1032	39	-0.03	-0.01	6.84e-03	5.91e-05	-1.51e-04	-2.36e-05
1032	65	0.03	0.01	-3.63e-03	2.32e-05	5.08e-05	-4.82e-06
1032	71	-0.03	-9.54e-03	6.36e-03	5.77e-05	-1.42e-04	-2.28e-05
1033	4	-0.06	-0.03	0.02	9.61e-05	-2.55e-04	-3.63e-05
1033	7	-0.07	-0.02	0.02	8.60e-05	-2.75e-04	-2.91e-05
1033	36	-0.03	-0.01	0.01	7.89e-05	-1.43e-04	-2.91e-05
1033	39	-0.03	-0.01	0.01	7.42e-05	-1.52e-04	-2.58e-05
1033	68	-0.03	-0.01	9.84e-03	7.76e-05	-1.35e-04	-2.86e-05
1033	71	-0.03	-0.01	0.01	7.33e-05	-1.43e-04	-2.55e-05
1034	1	0.06	0.02	-5.21e-03	-2.02e-05	1.41e-04	3.87e-05
1034	7	-0.07	-0.02	5.86e-03	7.27e-05	-2.72e-04	-5.53e-05
1034	33	0.03	0.01	-2.45e-03	6.51e-06	3.78e-05	1.43e-05
1034	39	-0.03	-8.84e-03	2.84e-03	5.08e-05	-1.59e-04	-3.06e-05
1034	65	0.03	0.01	-2.24e-03	8.54e-06	2.99e-05	1.24e-05
1034	71	-0.03	-8.09e-03	2.61e-03	4.91e-05	-1.51e-04	-2.87e-05
1035	1	0.06	0.03	-9.13e-03	2.15e-05	1.37e-04	3.93e-05
1035	7	-0.07	-0.02	0.01	8.00e-05	-2.72e-04	-6.36e-05
1035	33	0.03	0.01	-3.32e-03	3.94e-05	3.48e-05	1.25e-05
1035	39	-0.03	-0.01	7.33e-03	6.73e-05	-1.60e-04	-3.66e-05
1035	65	0.02	0.01	-2.87e-03	4.08e-05	2.69e-05	1.05e-05
1035	71	-0.03	-9.21e-03	6.88e-03	6.63e-05	-1.52e-04	-3.45e-05
1036	4	-0.06	-0.03	0.02	1.02e-04	-2.55e-04	-5.93e-05
1036	7	-0.07	-0.02	0.02	9.15e-05	-2.73e-04	-5.97e-05
1036	36	-0.03	-0.01	0.01	9.17e-05	-1.52e-04	-3.51e-05
1036	39	-0.03	-0.01	0.01	8.66e-05	-1.61e-04	-3.53e-05
1036	68	-0.03	-0.01	0.01	9.09e-05	-1.44e-04	-3.33e-05
1036	71	-0.03	-0.01	0.01	8.62e-05	-1.52e-04	-3.35e-05
1037	1	0.06	0.02	-4.90e-03	-1.47e-05	1.17e-04	-3.14e-05
1037	7	-0.07	-0.02	5.31e-03	8.04e-05	-2.84e-04	-1.54e-05
1037	8	-0.06	-0.02	5.87e-03	8.94e-05	-2.64e-04	-2.03e-05
1037	33	0.03	0.01	-2.09e-03	1.27e-05	1.69e-05	-2.85e-05
1037	39	-0.03	-8.46e-03	2.78e-03	5.80e-05	-1.75e-04	-2.10e-05
1037	40	-0.03	-0.01	3.05e-03	6.22e-05	-1.65e-04	-2.33e-05
1037	65	0.02	0.01	-1.88e-03	1.47e-05	9.24e-06	-2.83e-05
1037	71	-0.03	-7.74e-03	2.59e-03	5.63e-05	-1.66e-04	-2.15e-05
1037	72	-0.03	-9.70e-03	2.83e-03	6.02e-05	-1.58e-04	-2.35e-05
1038	1	0.06	0.03	-7.36e-03	3.96e-05	1.07e-04	1.39e-05
1038	7	-0.07	-0.02	0.01	8.86e-05	-2.80e-04	-4.90e-05
1038	33	0.03	0.01	-1.94e-03	5.51e-05	1.00e-05	-3.47e-06
1038	39	-0.03	-9.70e-03	7.98e-03	7.84e-05	-1.75e-04	-3.35e-05
1038	65	0.02	0.01	-1.52e-03	5.62e-05	2.61e-06	-4.79e-06
1038	71	-0.03	-8.89e-03	7.56e-03	7.76e-05	-1.67e-04	-3.23e-05
1039	4	-0.06	-0.03	0.02	1.17e-04	-2.67e-04	-2.06e-05
1039	7	-0.06	-0.02	0.02	1.07e-04	-2.85e-04	-1.39e-05
1039	36	-0.03	-0.01	0.01	1.07e-04	-1.67e-04	-2.92e-05
1039	39	-0.03	-0.01	0.01	1.02e-04	-1.75e-04	-2.61e-05
1039	68	-0.03	-0.01	0.01	1.06e-04	-1.59e-04	-2.98e-05
1039	71	-0.03	-0.01	0.01	1.02e-04	-1.67e-04	-2.70e-05
1040	1	0.06	0.02	-4.05e-03	3.97e-06	7.62e-05	-1.26e-05
1040	7	-0.07	-0.02	5.30e-03	8.32e-05	-2.93e-04	-2.87e-05
1040	8	-0.06	-0.02	5.93e-03	9.25e-05	-2.75e-04	-3.23e-05
1040	33	0.03	0.01	-1.44e-03	2.73e-05	-1.58e-05	-1.79e-05
1040	39	-0.03	-8.08e-03	3.02e-03	6.51e-05	-1.92e-04	-2.55e-05
1040	40	-0.03	-0.01	3.31e-03	6.94e-05	-1.84e-04	-2.71e-05
1040	65	0.02	9.78e-03	-1.24e-03	2.91e-05	-2.29e-05	-1.83e-05
1040	71	-0.03	-7.38e-03	2.85e-03	6.37e-05	-1.85e-04	-2.52e-05
1040	72	-0.03	-9.36e-03	3.11e-03	6.76e-05	-1.77e-04	-2.68e-05
1041	1	0.06	0.02	-5.34e-03	5.72e-05	7.34e-05	-2.48e-05
1041	7	-0.06	-0.02	0.01	9.82e-05	-2.93e-04	-3.62e-05
1041	8	-0.06	-0.02	0.01	1.08e-04	-2.75e-04	-4.02e-05
1041	33	0.03	0.01	-3.38e-04	7.06e-05	-1.79e-05	-2.90e-05

1041	39	-0.03	-9.36e-03	8.28e-03	9.01e-05	-1.93e-04	-3.43e-05
1041	40	-0.03	-0.01	8.80e-03	9.46e-05	-1.84e-04	-3.61e-05
1041	65	0.02	0.01	4.52e-05	7.17e-05	-2.49e-05	-2.93e-05
1041	71	-0.03	-8.58e-03	7.94e-03	8.95e-05	-1.85e-04	-3.41e-05
1041	72	-0.03	-0.01	8.41e-03	9.36e-05	-1.77e-04	-3.58e-05
1042	4	-0.06	-0.03	0.02	1.33e-04	-2.75e-04	-4.16e-05
1042	7	-0.06	-0.02	0.02	1.22e-04	-2.91e-04	-3.78e-05
1042	8	-0.06	-0.03	0.02	1.32e-04	-2.73e-04	-4.15e-05
1042	36	-0.03	-0.01	0.01	1.25e-04	-1.83e-04	-3.76e-05
1042	39	-0.03	-0.01	0.01	1.19e-04	-1.91e-04	-3.58e-05
1042	40	-0.03	-0.01	0.01	1.24e-04	-1.82e-04	-3.76e-05
1042	68	-0.03	-0.01	0.01	1.24e-04	-1.76e-04	-3.73e-05
1042	71	-0.03	-9.85e-03	0.01	1.19e-04	-1.83e-04	-3.57e-05
1042	72	-0.03	-0.01	0.01	1.24e-04	-1.76e-04	-3.73e-05
1043	1	0.05	0.02	-3.10e-03	1.27e-05	4.11e-05	-8.35e-05
1043	4	-0.06	-0.02	6.03e-03	1.00e-04	-2.94e-04	-1.15e-05
1043	7	-0.06	-0.02	5.29e-03	9.01e-05	-3.11e-04	-4.07e-06
1043	33	0.03	0.01	-7.08e-04	3.57e-05	-4.65e-05	-6.47e-05
1043	36	-0.03	-9.94e-03	3.64e-03	7.73e-05	-2.07e-04	-3.03e-05
1043	39	-0.03	-7.70e-03	3.30e-03	7.26e-05	-2.14e-04	-2.68e-05
1043	65	0.02	9.55e-03	-5.26e-04	3.74e-05	-5.32e-05	-6.33e-05
1043	68	-0.03	-9.08e-03	3.46e-03	7.56e-05	-2.00e-04	-3.17e-05
1043	71	-0.03	-7.03e-03	3.14e-03	7.12e-05	-2.07e-04	-2.86e-05
1044	4	-0.06	-0.02	0.01	1.15e-04	-2.85e-04	-7.07e-05
1044	7	-0.06	-0.02	0.01	1.04e-04	-3.01e-04	-7.11e-05
1044	36	-0.03	-0.01	9.76e-03	1.07e-04	-2.05e-04	-4.73e-05
1044	39	-0.03	-9.03e-03	9.22e-03	1.01e-04	-2.12e-04	-4.75e-05
1044	40	-0.03	-0.01	9.76e-03	1.06e-04	-2.04e-04	-4.54e-05
1044	68	-0.03	-0.01	9.41e-03	1.06e-04	-1.99e-04	-4.55e-05
1044	71	-0.03	-8.27e-03	8.91e-03	1.01e-04	-2.05e-04	-4.57e-05
1044	72	-0.03	-0.01	9.42e-03	1.06e-04	-1.98e-04	-4.37e-05
1045	4	-0.06	-0.03	0.02	1.28e-04	-2.92e-04	-4.60e-06
1045	7	-0.06	-0.02	0.02	1.17e-04	-3.08e-04	-4.70e-06
1045	8	-0.05	-0.03	0.02	1.27e-04	-2.90e-04	-4.66e-06
1045	36	-0.03	-0.01	0.02	1.31e-04	-2.04e-04	-3.02e-05
1045	39	-0.03	-0.01	0.02	1.25e-04	-2.11e-04	-2.59e-05
1045	40	-0.03	-0.01	0.02	1.30e-04	-2.03e-04	-3.02e-05
1045	68	-0.02	-0.01	0.02	1.31e-04	-1.97e-04	-3.21e-05
1045	71	-0.03	-9.61e-03	0.01	1.26e-04	-2.04e-04	-2.82e-05
1045	72	-0.02	-0.01	0.02	1.30e-04	-1.96e-04	-3.22e-05
1046	1	0.05	0.02	-2.03e-03	4.15e-05	-1.97e-05	-1.36e-05
1046	4	-0.06	-0.02	6.15e-03	9.97e-05	-3.09e-04	-4.63e-05
1046	7	-0.06	-0.02	5.27e-03	8.86e-05	-3.24e-04	-4.32e-05
1046	33	0.02	0.01	1.13e-04	5.68e-05	-9.52e-05	-2.22e-05
1046	36	-0.03	-9.55e-03	4.00e-03	8.43e-05	-2.33e-04	-3.77e-05
1046	39	-0.03	-7.29e-03	3.59e-03	7.92e-05	-2.40e-04	-3.63e-05
1046	65	0.02	9.33e-03	2.77e-04	5.80e-05	-1.01e-04	-2.29e-05
1046	68	-0.03	-8.72e-03	3.84e-03	8.32e-05	-2.28e-04	-3.71e-05
1046	71	-0.03	-6.65e-03	3.47e-03	7.85e-05	-2.34e-04	-3.58e-05
1047	4	-0.06	-0.02	0.01	1.09e-04	-3.03e-04	-6.12e-05
1047	7	-0.06	-0.02	0.01	9.73e-05	-3.17e-04	-5.80e-05
1047	36	-0.03	-0.01	0.01	1.11e-04	-2.29e-04	-4.90e-05
1047	39	-0.03	-8.68e-03	0.01	1.05e-04	-2.36e-04	-4.75e-05
1047	68	-0.03	-0.01	0.01	1.11e-04	-2.23e-04	-4.81e-05
1047	71	-0.03	-7.95e-03	0.01	1.06e-04	-2.30e-04	-4.67e-05
1048	4	-0.06	-0.03	0.02	1.28e-04	-2.98e-04	-5.24e-05
1048	7	-0.06	-0.02	0.02	1.15e-04	-3.13e-04	-4.94e-05
1048	36	-0.03	-0.01	0.02	1.39e-04	-2.23e-04	-4.49e-05
1048	39	-0.03	-0.01	0.02	1.33e-04	-2.30e-04	-4.35e-05
1048	68	-0.03	-0.01	0.02	1.40e-04	-2.18e-04	-4.43e-05
1048	71	-0.03	-9.36e-03	0.02	1.34e-04	-2.24e-04	-4.31e-05
1049	1	0.06	0.02	-8.85e-04	4.39e-05	-6.08e-05	-1.38e-04
1049	4	-0.06	-0.02	6.23e-03	1.06e-04	-3.38e-04	-7.90e-06
1049	7	-0.06	-0.01	5.17e-03	9.47e-05	-3.53e-04	1.85e-06
1049	33	0.03	9.92e-03	9.84e-04	6.04e-05	-1.33e-04	-1.04e-04
1049	36	-0.03	-9.14e-03	4.36e-03	8.99e-05	-2.66e-04	-4.17e-05
1049	39	-0.03	-6.87e-03	3.87e-03	8.45e-05	-2.73e-04	-3.72e-05
1049	65	0.02	9.12e-03	1.13e-03	6.16e-05	-1.39e-04	-1.01e-04
1049	68	-0.03	-8.34e-03	4.22e-03	8.87e-05	-2.60e-04	-4.44e-05
1049	71	-0.03	-6.26e-03	3.77e-03	8.37e-05	-2.67e-04	-4.02e-05
1050	4	-0.06	-0.02	0.02	1.14e-04	-3.22e-04	-5.56e-05
1050	7	-0.06	-0.02	0.01	1.01e-04	-3.36e-04	-5.18e-05
1050	36	-0.03	-0.01	0.01	1.18e-04	-2.56e-04	-5.16e-05
1050	39	-0.03	-8.30e-03	0.01	1.13e-04	-2.62e-04	-4.98e-05
1050	68	-0.03	-9.71e-03	0.01	1.19e-04	-2.50e-04	-5.13e-05
1050	71	-0.03	-7.60e-03	0.01	1.13e-04	-2.56e-04	-4.96e-05
1051	4	-0.06	-0.02	0.02	1.30e-04	-3.19e-04	1.46e-05

1051	7	-0.06	-0.02	0.02	1.17e-04	-3.33e-04	1.48e-05
1051	36	-0.03	-0.01	0.02	1.41e-04	-2.46e-04	-2.90e-05
1051	39	-0.03	-9.86e-03	0.02	1.35e-04	-2.53e-04	-2.88e-05
1051	68	-0.03	-0.01	0.02	1.42e-04	-2.41e-04	-3.23e-05
1051	71	-0.03	-9.08e-03	0.02	1.36e-04	-2.47e-04	-3.22e-05
1052	1	0.05	0.02	2.73e-04	7.15e-05	-1.47e-04	-3.40e-06
1052	4	-0.06	-0.02	6.18e-03	1.05e-04	-3.63e-04	-5.73e-05
1052	7	-0.06	-0.01	4.92e-03	9.18e-05	-3.76e-04	-5.42e-05
1052	33	0.02	9.77e-03	1.83e-03	8.05e-05	-2.04e-04	-1.75e-05
1052	36	-0.03	-8.63e-03	4.62e-03	9.58e-05	-3.07e-04	-4.32e-05
1052	39	-0.03	-6.33e-03	4.03e-03	8.98e-05	-3.13e-04	-4.18e-05
1052	65	0.02	9.00e-03	1.95e-03	8.11e-05	-2.08e-04	-1.86e-05
1052	68	-0.03	-7.85e-03	4.50e-03	9.52e-05	-3.02e-04	-4.21e-05
1052	71	-0.03	-5.75e-03	3.97e-03	8.97e-05	-3.08e-04	-4.08e-05
1053	1	0.05	0.02	5.10e-03	1.49e-04	-1.23e-04	-1.45e-05
1053	4	-0.06	-0.02	0.02	1.05e-04	-3.36e-04	-7.71e-05
1053	7	-0.06	-0.02	0.01	9.13e-05	-3.49e-04	-7.32e-05
1053	33	0.03	0.01	7.97e-03	1.38e-04	-1.79e-04	-3.09e-05
1053	36	-0.03	-0.01	0.01	1.17e-04	-2.81e-04	-6.07e-05
1053	39	-0.03	-7.85e-03	0.01	1.10e-04	-2.86e-04	-5.89e-05
1053	65	0.02	9.43e-03	8.18e-03	1.37e-04	-1.83e-04	-3.21e-05
1053	68	-0.03	-9.30e-03	0.01	1.18e-04	-2.76e-04	-5.94e-05
1053	71	-0.03	-7.18e-03	0.01	1.12e-04	-2.82e-04	-5.78e-05
1054	4	-0.06	-0.02	0.03	1.05e-04	-3.21e-04	-6.07e-05
1054	7	-0.06	-0.02	0.02	9.05e-05	-3.34e-04	-5.73e-05
1054	12	-0.05	-0.02	0.03	1.30e-04	-3.13e-04	-6.10e-05
1054	36	-0.03	-0.01	0.02	1.27e-04	-2.63e-04	-5.24e-05
1054	39	-0.03	-9.46e-03	0.02	1.20e-04	-2.69e-04	-5.08e-05
1054	44	-0.02	-9.78e-03	0.02	1.38e-04	-2.59e-04	-5.26e-05
1054	68	-0.02	-0.01	0.02	1.28e-04	-2.58e-04	-5.18e-05
1054	71	-0.02	-8.72e-03	0.02	1.22e-04	-2.64e-04	-5.03e-05
1054	76	-0.02	-9.00e-03	0.02	1.39e-04	-2.55e-04	-5.19e-05
1055	1	0.05	0.02	1.25e-03	6.53e-05	-2.01e-04	-2.01e-04
1055	7	-0.06	-0.01	4.44e-03	8.78e-05	-4.25e-04	-1.96e-05
1055	24	-0.02	-0.01	6.72e-03	1.12e-04	-3.18e-04	-7.76e-05
1055	33	0.02	9.76e-03	2.50e-03	7.51e-05	-2.56e-04	-1.54e-04
1055	39	-0.03	-5.66e-03	3.99e-03	8.54e-05	-3.63e-04	-6.73e-05
1055	56	-0.01	-5.00e-03	5.05e-03	9.67e-05	-3.12e-04	-9.52e-05
1055	65	0.02	9.01e-03	2.59e-03	7.58e-05	-2.61e-04	-1.50e-04
1055	71	-0.03	-5.11e-03	3.96e-03	8.53e-05	-3.59e-04	-7.10e-05
1055	88	-0.01	-4.50e-03	4.93e-03	9.56e-05	-3.12e-04	-9.65e-05
1056	1	0.05	0.02	7.82e-03	1.45e-04	-1.65e-04	-4.54e-05
1056	7	-0.06	-0.02	0.01	7.66e-05	-3.65e-04	-5.63e-05
1056	12	-0.05	-0.02	0.02	1.09e-04	-3.51e-04	-6.26e-05
1056	33	0.02	0.01	0.01	1.31e-04	-2.14e-04	-4.92e-05
1056	39	-0.03	-7.29e-03	0.01	9.83e-05	-3.09e-04	-5.44e-05
1056	44	-0.02	-7.96e-03	0.01	1.14e-04	-3.03e-04	-5.73e-05
1056	65	0.02	9.26e-03	0.01	1.30e-04	-2.18e-04	-4.95e-05
1056	71	-0.03	-6.66e-03	0.01	1.00e-04	-3.05e-04	-5.42e-05
1056	76	-0.02	-7.27e-03	0.01	1.14e-04	-2.99e-04	-5.69e-05
1057	4	-0.05	-0.02	0.03	7.64e-05	-3.33e-04	-1.52e-05
1057	7	-0.05	-0.02	0.02	6.16e-05	-3.45e-04	-2.25e-05
1057	12	-0.05	-0.02	0.03	9.97e-05	-3.28e-04	-3.29e-05
1057	36	-0.03	-0.01	0.02	9.67e-05	-2.79e-04	-3.47e-05
1057	39	-0.03	-8.95e-03	0.02	8.99e-05	-2.85e-04	-3.81e-05
1057	44	-0.02	-9.40e-03	0.02	1.08e-04	-2.77e-04	-4.32e-05
1057	68	-0.02	-0.01	0.02	9.83e-05	-2.75e-04	-3.62e-05
1057	71	-0.02	-8.24e-03	0.02	9.20e-05	-2.80e-04	-3.93e-05
1057	76	-0.02	-8.65e-03	0.02	1.09e-04	-2.73e-04	-4.40e-05
1058	1	0.05	0.02	4.34e-03	1.25e-04	-3.33e-04	1.23e-04
1058	7	-0.06	-0.01	2.01e-03	6.33e-05	-4.77e-04	-3.35e-05
1058	18	5.65e-03	-1.87e-03	7.52e-03	1.35e-04	-3.61e-04	3.35e-05
1058	33	0.02	0.01	4.18e-03	1.12e-04	-3.68e-04	7.80e-05
1058	39	-0.03	-3.95e-03	3.11e-03	8.32e-05	-4.37e-04	3.41e-06
1058	50	1.70e-03	3.81e-04	5.66e-03	1.17e-04	-3.82e-04	3.58e-05
1058	65	0.02	0.01	4.17e-03	1.11e-04	-3.71e-04	7.46e-05
1058	71	-0.03	-3.43e-03	3.19e-03	8.47e-05	-4.34e-04	6.25e-06
1058	82	1.39e-03	5.40e-04	5.53e-03	1.16e-04	-3.83e-04	3.59e-05
1059	1	0.05	0.02	9.78e-03	1.18e-04	-2.08e-04	3.17e-05
1059	7	-0.06	-0.01	0.01	2.55e-05	-3.60e-04	-1.27e-04
1059	24	-0.02	-0.01	0.02	9.69e-05	-2.85e-04	-9.40e-05
1059	33	0.02	0.01	0.01	9.78e-05	-2.45e-04	-1.32e-05
1059	39	-0.03	-6.56e-03	0.01	5.37e-05	-3.17e-04	-8.86e-05
1059	56	-0.01	-5.48e-03	0.02	8.73e-05	-2.82e-04	-7.26e-05
1059	65	0.02	9.26e-03	0.01	9.62e-05	-2.47e-04	-1.66e-05
1059	71	-0.02	-5.96e-03	0.01	5.58e-05	-3.14e-04	-8.57e-05
1059	88	-0.01	-4.97e-03	0.01	8.66e-05	-2.81e-04	-7.10e-05

1060	4	-0.05	-0.02	0.02	1.40e-05	-3.27e-04	-1.04e-04
1060	7	-0.05	-0.02	0.02	-1.59e-06	-3.38e-04	-9.46e-05
1060	24	-0.02	-0.01	0.03	7.83e-05	-2.56e-04	-7.57e-05
1060	36	-0.03	-0.01	0.02	3.80e-05	-2.86e-04	-7.40e-05
1060	39	-0.03	-8.25e-03	0.02	3.08e-05	-2.92e-04	-6.97e-05
1060	44	-0.02	-8.84e-03	0.02	5.04e-05	-2.89e-04	-6.82e-05
1060	68	-0.02	-9.73e-03	0.02	3.99e-05	-2.83e-04	-7.17e-05
1060	71	-0.02	-7.58e-03	0.02	3.32e-05	-2.88e-04	-6.78e-05
1060	76	-0.02	-8.12e-03	0.02	5.12e-05	-2.85e-04	-6.64e-05
1061	7	-0.09	-0.03	-0.02	5.31e-04	-9.42e-05	-1.45e-04
1061	8	-0.09	-0.03	-0.02	5.60e-04	-4.77e-05	-1.24e-04
1061	18	0.04	8.47e-04	-0.03	4.62e-04	1.34e-04	6.16e-05
1061	39	-0.05	-0.01	-0.02	4.84e-04	3.39e-05	-7.36e-05
1061	40	-0.04	-0.01	-0.02	4.97e-04	5.56e-05	-6.41e-05
1061	50	0.02	3.66e-04	-0.03	4.50e-04	1.44e-04	2.44e-05
1061	71	-0.04	-0.01	-0.02	4.80e-04	4.37e-05	-6.82e-05
1061	72	-0.04	-0.01	-0.02	4.93e-04	6.36e-05	-5.94e-05
1061	82	0.02	3.17e-04	-0.03	4.49e-04	1.44e-04	2.16e-05
1062	5	0.09	0.03	-0.05	4.28e-04	4.06e-04	1.03e-04
1062	7	-0.10	-0.03	-0.05	6.69e-04	-4.89e-05	-1.55e-04
1062	18	0.04	2.61e-03	-0.06	5.58e-04	1.83e-04	5.89e-05
1062	37	0.04	0.02	-0.05	4.82e-04	3.01e-04	4.13e-05
1062	39	-0.05	-0.01	-0.05	5.97e-04	8.33e-05	-8.17e-05
1062	50	0.02	1.60e-03	-0.06	5.43e-04	1.95e-04	1.98e-05
1062	69	0.04	0.01	-0.05	4.86e-04	2.92e-04	3.66e-05
1062	71	-0.05	-0.01	-0.05	5.91e-04	9.34e-05	-7.61e-05
1062	82	0.01	1.51e-03	-0.06	5.42e-04	1.95e-04	1.69e-05
1063	5	0.09	0.04	-0.07	3.77e-04	3.83e-04	1.00e-04
1063	7	-0.11	-0.03	-0.08	6.35e-04	-8.23e-05	-1.56e-04
1063	20	-0.02	-0.02	-0.09	4.73e-04	1.87e-05	-1.71e-05
1063	37	0.04	0.02	-0.08	4.36e-04	2.74e-04	3.96e-05
1063	39	-0.05	-0.01	-0.08	5.59e-04	5.22e-05	-8.30e-05
1063	52	-0.01	-6.65e-03	-0.09	4.82e-04	1.01e-04	-1.72e-05
1063	69	0.04	0.02	-0.08	4.40e-04	2.66e-04	3.49e-05
1063	71	-0.05	-0.01	-0.08	5.53e-04	6.25e-05	-7.74e-05
1063	84	-0.01	-5.99e-03	-0.09	4.83e-04	1.07e-04	-1.71e-05
1064	5	0.10	0.04	-0.09	2.30e-04	3.12e-04	1.01e-04
1064	7	-0.11	-0.03	-0.10	4.95e-04	-1.65e-04	-1.50e-04
1064	20	-0.02	-0.02	-0.12	3.52e-04	-5.30e-05	-1.01e-05
1064	37	0.04	0.02	-0.10	2.93e-04	1.99e-04	4.21e-05
1064	39	-0.06	-0.01	-0.10	4.20e-04	-2.83e-05	-7.77e-05
1064	52	-0.01	-6.36e-03	-0.11	3.52e-04	2.58e-05	-1.17e-05
1064	69	0.04	0.02	-0.10	2.98e-04	1.91e-04	3.76e-05
1064	71	-0.05	-0.01	-0.10	4.14e-04	-1.79e-05	-7.22e-05
1064	84	-0.01	-5.67e-03	-0.11	3.52e-04	3.17e-05	-1.17e-05
1065	5	0.10	0.04	-0.10	2.50e-05	2.15e-04	1.05e-04
1065	7	-0.12	-0.03	-0.11	2.89e-04	-2.75e-04	-1.37e-04
1065	20	-0.03	-0.02	-0.13	1.56e-04	-1.51e-04	1.25e-06
1065	37	0.05	0.02	-0.11	8.90e-05	9.73e-05	4.80e-05
1065	39	-0.06	-0.01	-0.11	2.15e-04	-1.37e-04	-6.75e-05
1065	52	-0.01	-6.27e-03	-0.12	1.52e-04	-7.65e-05	-1.98e-06
1065	69	0.04	0.02	-0.11	9.39e-05	8.82e-05	4.37e-05
1065	71	-0.06	-0.01	-0.11	2.10e-04	-1.26e-04	-6.21e-05
1065	84	-0.01	-5.55e-03	-0.12	1.52e-04	-7.10e-05	-2.16e-06
1066	5	0.10	0.05	-0.10	-2.00e-04	1.09e-04	1.09e-04
1066	7	-0.12	-0.04	-0.11	5.82e-05	-3.97e-04	-1.21e-04
1066	20	-0.03	-0.02	-0.13	-9.94e-05	-2.60e-04	1.48e-05
1066	37	0.05	0.02	-0.11	-1.41e-04	-1.38e-05	5.57e-05
1066	39	-0.06	-0.02	-0.11	-1.72e-05	-2.55e-04	-5.44e-05
1066	52	-0.02	-6.42e-03	-0.12	-9.16e-05	-1.89e-04	9.96e-06
1066	69	0.04	0.02	-0.11	-1.36e-04	-2.32e-05	5.15e-05
1066	71	-0.06	-0.01	-0.11	-2.29e-05	-2.44e-04	-4.93e-05
1066	84	-0.01	-5.67e-03	-0.12	-9.11e-05	-1.84e-04	9.66e-06
1067	5	0.11	0.05	-0.09	-4.16e-04	9.96e-06	1.13e-04
1067	7	-0.13	-0.04	-0.10	-1.67e-04	-5.12e-04	-1.05e-04
1067	20	-0.03	-0.02	-0.12	-3.58e-04	-3.65e-04	2.82e-05
1067	37	0.05	0.02	-0.10	-3.63e-04	-1.18e-04	6.31e-05
1067	39	-0.06	-0.02	-0.10	-2.44e-04	-3.67e-04	-4.09e-05
1067	52	-0.01	-6.80e-03	-0.11	-3.34e-04	-2.96e-04	2.19e-05
1067	69	0.05	0.02	-0.10	-3.59e-04	-1.27e-04	5.92e-05
1067	71	-0.06	-0.02	-0.10	-2.50e-04	-3.60e-05	-3.60e-05
1067	84	-0.01	-6.03e-03	-0.11	-3.32e-04	-2.91e-04	2.15e-05
1068	5	0.11	0.05	-0.07	-5.90e-04	-6.78e-05	1.15e-04
1068	7	-0.13	-0.04	-0.08	-3.53e-04	-6.07e-04	-8.94e-05
1068	20	-0.02	-0.02	-0.09	-5.70e-04	-4.52e-04	3.91e-05
1068	37	0.05	0.02	-0.07	-5.43e-04	-2.00e-04	6.81e-05
1068	39	-0.06	-0.02	-0.08	-4.30e-04	-4.57e-04	-2.93e-05

1068	52	-0.01	-7.41e-03	-0.08	-5.32e-04	-3.83e-04	3.14e-05
1068	69	0.05	0.02	-0.07	-5.39e-04	-2.10e-04	6.46e-05
1068	71	-0.06	-0.02	-0.08	-4.36e-04	-4.45e-04	-2.47e-05
1068	84	-0.01	-6.60e-03	-0.08	-5.29e-04	-3.77e-04	3.09e-05
1069	5	0.12	0.05	-0.04	-6.81e-04	-1.14e-04	1.12e-04
1069	7	-0.13	-0.04	-0.04	-4.62e-04	-6.70e-04	-7.84e-05
1069	20	-0.02	-0.02	-0.05	-6.86e-04	-4.08e-04	4.50e-05
1069	37	0.06	0.03	-0.04	-6.41e-04	-2.50e-04	6.89e-05
1069	39	-0.06	-0.02	-0.04	-5.36e-04	-5.16e-04	-2.19e-05
1069	52	-0.01	-8.20e-03	-0.05	-6.41e-04	-3.92e-04	3.64e-05
1069	69	0.05	0.02	-0.04	-6.37e-04	-2.61e-04	6.56e-05
1069	71	-0.06	-0.02	-0.04	-5.42e-04	-5.04e-04	-1.76e-05
1069	84	-9.80e-03	-7.36e-03	-0.05	-6.38e-04	-3.90e-04	3.58e-05
1070	2	0.08	0.04	-0.06	2.74e-04	4.76e-04	-1.94e-05
1070	5	0.08	0.04	-0.05	2.42e-04	4.22e-04	-1.78e-05
1070	7	-0.09	-0.03	4.78e-03	4.94e-04	-7.91e-05	-3.87e-05
1070	34	0.04	0.02	-0.04	3.31e-04	3.30e-04	-2.44e-05
1070	37	0.04	0.02	-0.04	3.16e-04	3.05e-04	-2.37e-05
1070	39	-0.04	-0.02	-0.01	4.37e-04	6.57e-05	-3.36e-05
1070	66	0.04	0.02	-0.04	3.35e-04	3.19e-04	-2.48e-05
1070	69	0.03	0.02	-0.04	3.22e-04	2.96e-04	-2.41e-05
1070	71	-0.04	-0.01	-0.01	4.32e-04	7.67e-05	-3.32e-05
1071	2	0.09	0.04	-0.09	3.57e-04	4.53e-04	-2.54e-05
1071	5	0.08	0.05	-0.08	3.55e-04	4.56e-04	-2.18e-05
1071	7	-0.09	-0.04	-0.02	6.20e-04	-3.70e-05	-4.66e-05
1071	34	0.04	0.02	-0.07	4.16e-04	3.40e-04	-3.09e-05
1071	37	0.04	0.02	-0.06	4.16e-04	3.41e-04	-2.92e-05
1071	39	-0.05	-0.02	-0.04	5.42e-04	1.06e-04	-4.10e-05
1071	66	0.04	0.02	-0.07	4.21e-04	3.32e-04	-3.13e-05
1071	69	0.03	0.02	-0.06	4.20e-04	3.32e-04	-2.98e-05
1071	71	-0.04	-0.01	-0.04	5.36e-04	1.17e-04	-4.06e-05
1072	2	0.09	0.05	-0.11	2.86e-04	4.39e-04	-2.27e-05
1072	5	0.08	0.05	-0.10	3.16e-04	4.41e-04	-2.25e-05
1072	7	-0.10	-0.04	-0.04	5.86e-04	-5.05e-05	-4.71e-05
1072	34	0.04	0.02	-0.09	3.65e-04	3.26e-04	-2.82e-05
1072	37	0.04	0.03	-0.09	3.79e-04	3.26e-04	-2.81e-05
1072	39	-0.05	-0.02	-0.06	5.08e-04	9.21e-05	-3.98e-05
1072	66	0.04	0.02	-0.09	3.71e-04	3.17e-04	-2.86e-05
1072	69	0.03	0.02	-0.09	3.84e-04	3.18e-04	-2.86e-05
1072	71	-0.05	-0.02	-0.06	5.02e-04	1.03e-04	-3.93e-05
1073	2	0.10	0.05	-0.13	1.52e-04	3.83e-04	-9.26e-06
1073	5	0.09	0.05	-0.12	1.74e-04	3.85e-04	-1.10e-05
1073	7	-0.11	-0.04	-0.06	4.44e-04	-1.11e-04	-3.59e-05
1073	34	0.04	0.02	-0.12	2.28e-04	2.68e-04	-1.62e-05
1073	37	0.04	0.03	-0.11	2.39e-04	2.68e-04	-1.71e-05
1073	39	-0.05	-0.02	-0.08	3.68e-04	3.21e-05	-2.89e-05
1073	66	0.04	0.02	-0.11	2.34e-04	2.59e-04	-1.68e-05
1073	69	0.04	0.02	-0.11	2.44e-04	2.59e-04	-1.75e-05
1073	71	-0.05	-0.02	-0.08	3.62e-04	4.30e-05	-2.84e-05
1074	2	0.10	0.05	-0.15	-5.06e-05	2.99e-04	5.50e-06
1074	5	0.09	0.05	-0.13	-2.88e-05	3.00e-04	3.43e-06
1074	7	-0.11	-0.04	-0.07	2.38e-04	-2.04e-04	-1.93e-05
1074	34	0.05	0.03	-0.13	2.49e-05	1.79e-04	-1.01e-06
1074	37	0.04	0.03	-0.12	3.50e-05	1.80e-04	-1.96e-06
1074	39	-0.06	-0.02	-0.09	1.62e-04	-6.03e-05	-1.28e-05
1074	66	0.04	0.02	-0.13	3.07e-05	1.70e-04	-1.51e-06
1074	69	0.04	0.03	-0.12	3.99e-05	1.71e-04	-2.38e-06
1074	71	-0.05	-0.02	-0.09	1.56e-04	-4.94e-05	-1.23e-05
1075	2	0.11	0.05	-0.15	-2.85e-04	2.01e-04	2.40e-05
1075	5	0.10	0.06	-0.13	-2.50e-04	2.01e-04	2.09e-05
1075	7	-0.12	-0.05	-0.07	1.01e-05	-3.13e-04	-2.68e-06
1075	34	0.05	0.03	-0.13	-2.07e-04	7.70e-05	1.70e-05
1075	37	0.04	0.03	-0.12	-1.91e-04	7.71e-05	1.55e-05
1075	39	-0.06	-0.02	-0.09	-6.68e-05	-1.68e-04	4.28e-06
1075	66	0.04	0.02	-0.13	-2.01e-04	6.75e-05	1.65e-05
1075	69	0.04	0.03	-0.12	-1.86e-04	6.75e-05	1.51e-05
1075	71	-0.05	-0.02	-0.09	-7.26e-05	-1.57e-04	4.82e-06
1076	2	0.11	0.05	-0.13	-5.06e-04	1.08e-04	4.11e-05
1076	5	0.10	0.06	-0.12	-4.55e-04	1.07e-04	3.68e-05
1076	7	-0.12	-0.05	-0.06	-2.04e-04	-4.19e-04	1.36e-05
1076	34	0.05	0.03	-0.11	-4.26e-04	-2.03e-05	3.38e-05
1076	37	0.05	0.03	-0.11	-4.02e-04	-2.05e-05	3.18e-05
1076	39	-0.06	-0.02	-0.08	-2.82e-04	-2.72e-04	2.07e-05
1076	66	0.05	0.02	-0.11	-4.20e-04	-3.01e-05	3.32e-05
1076	69	0.04	0.03	-0.11	-3.98e-04	-3.04e-05	3.14e-05
1076	71	-0.05	-0.02	-0.08	-2.88e-04	-2.61e-04	2.13e-05
1077	2	0.12	0.05	-0.11	-6.74e-04	4.09e-05	5.39e-05

1077	6	0.12	0.06	-0.11	-6.71e-04	7.48e-05	5.36e-05
1077	7	-0.12	-0.06	-0.04	-3.69e-04	-4.97e-04	2.59e-05
1077	34	0.06	0.03	-0.09	-5.93e-04	-9.05e-05	4.65e-05
1077	38	0.06	0.03	-0.09	-5.91e-04	-7.49e-05	4.64e-05
1077	39	-0.06	-0.03	-0.06	-4.48e-04	-3.47e-04	3.32e-05
1077	66	0.05	0.02	-0.09	-5.87e-04	-1.01e-04	4.59e-05
1077	70	0.05	0.03	-0.09	-5.85e-04	-8.63e-05	4.58e-05
1077	71	-0.06	-0.02	-0.06	-4.54e-04	-3.36e-04	3.38e-05
1078	2	0.12	0.05	-0.08	-7.50e-04	5.12e-05	5.92e-05
1078	6	0.13	0.06	-0.08	-7.46e-04	5.23e-05	5.88e-05
1078	34	0.06	0.03	-0.06	-6.68e-04	-9.90e-05	5.18e-05
1078	38	0.06	0.03	-0.06	-6.66e-04	-9.84e-05	5.16e-05
1078	66	0.05	0.02	-0.06	-6.62e-04	-1.10e-04	5.12e-05
1078	70	0.06	0.03	-0.06	-6.60e-04	-1.10e-04	5.10e-05
1079	2	0.13	0.05	-0.06	-7.72e-04	4.03e-05	6.12e-05
1079	6	0.13	0.06	-0.06	-7.68e-04	4.15e-05	6.09e-05
1079	34	0.06	0.03	-0.05	-6.91e-04	-1.10e-04	5.39e-05
1079	38	0.06	0.03	-0.05	-6.89e-04	-1.10e-04	5.37e-05
1079	66	0.06	0.02	-0.05	-6.85e-04	-1.22e-04	5.33e-05
1079	70	0.06	0.03	-0.05	-6.83e-04	-1.21e-04	5.32e-05
1080	2	0.13	0.05	-0.04	-7.98e-04	1.08e-05	6.52e-05
1080	5	0.12	0.06	-0.04	-7.26e-04	-2.16e-05	6.06e-05
1080	6	0.13	0.05	-0.04	-7.93e-04	1.22e-05	6.50e-05
1080	34	0.06	0.03	-0.03	-7.18e-04	-1.40e-04	5.75e-05
1080	37	0.06	0.03	-0.03	-6.84e-04	-1.55e-04	5.54e-05
1080	38	0.06	0.02	-0.03	-7.16e-04	-1.40e-04	5.74e-05
1080	66	0.06	0.02	-0.03	-7.12e-04	-1.52e-04	5.69e-05
1080	69	0.05	0.03	-0.03	-6.81e-04	-1.66e-04	5.50e-05
1080	70	0.06	0.02	-0.03	-7.10e-04	-1.51e-04	5.68e-05
1081	2	0.13	0.05	-0.02	-7.93e-04	-4.17e-05	5.51e-05
1081	5	0.12	0.05	-0.02	-7.22e-04	-7.32e-05	6.35e-05
1081	6	0.14	0.05	-0.02	-7.89e-04	-3.99e-05	5.56e-05
1081	34	0.06	0.02	-0.02	-7.15e-04	-1.94e-04	5.29e-05
1081	37	0.06	0.03	-0.02	-6.82e-04	-2.09e-04	5.69e-05
1081	38	0.07	0.02	-0.02	-7.13e-04	-1.93e-04	5.31e-05
1081	66	0.06	0.02	-0.02	-7.09e-04	-2.06e-04	5.27e-05
1081	69	0.05	0.02	-0.02	-6.79e-04	-2.20e-04	5.64e-05
1081	70	0.06	0.02	-0.02	-7.08e-04	-2.05e-04	5.30e-05
1082	5	0.12	0.05	-0.02	-6.77e-04	-1.24e-04	1.09e-04
1082	6	0.14	0.05	-0.03	-7.38e-04	-8.99e-05	1.34e-04
1082	20	-0.02	-0.02	-0.03	-6.87e-04	-4.24e-04	4.57e-05
1082	37	0.06	0.03	-0.02	-6.39e-04	-2.62e-04	6.75e-05
1082	38	0.07	0.02	-0.03	-6.67e-04	-2.46e-04	7.93e-05
1082	52	-9.52e-03	-8.64e-03	-0.03	-6.42e-04	-4.07e-04	3.67e-05
1082	69	0.05	0.02	-0.02	-6.36e-04	-2.73e-04	6.43e-05
1082	70	0.06	0.02	-0.03	-6.62e-04	-2.58e-04	7.51e-05
1082	84	-8.66e-03	-7.79e-03	-0.03	-6.39e-04	-4.05e-04	3.61e-05
1083	5	0.12	0.05	-0.05	-6.49e-04	-9.54e-05	1.14e-04
1083	7	-0.13	-0.04	-0.06	-4.20e-04	-6.42e-04	-8.32e-05
1083	20	-0.02	-0.02	-0.07	-6.43e-04	-3.84e-04	4.28e-05
1083	37	0.06	0.03	-0.06	-6.05e-04	-2.29e-04	6.91e-05
1083	39	-0.06	-0.02	-0.06	-4.96e-04	-4.90e-04	-2.49e-05
1083	52	-0.01	-7.79e-03	-0.06	-6.01e-04	-3.68e-04	3.46e-05
1083	69	0.05	0.02	-0.06	-6.02e-04	-2.40e-04	6.57e-05
1083	71	-0.06	-0.02	-0.06	-5.02e-04	-4.79e-04	-2.05e-05
1083	84	-0.01	-6.96e-03	-0.06	-5.98e-04	-3.67e-04	3.40e-05
1084	5	0.11	0.05	-0.08	-5.10e-04	-3.24e-05	1.14e-04
1084	7	-0.13	-0.04	-0.09	-2.67e-04	-5.63e-04	-9.66e-05
1084	20	-0.02	-0.02	-0.10	-4.73e-04	-4.12e-04	3.41e-05
1084	37	0.05	0.02	-0.09	-4.60e-04	-1.62e-04	6.61e-05
1084	39	-0.06	-0.02	-0.09	-3.44e-04	-4.15e-04	-3.47e-05
1084	52	-0.01	-7.08e-03	-0.10	-4.41e-04	-3.43e-04	2.71e-05
1084	69	0.05	0.02	-0.09	-4.57e-04	-1.72e-04	6.23e-05
1084	71	-0.06	-0.02	-0.09	-3.50e-04	-4.04e-04	-3.00e-05
1084	84	-0.01	-6.29e-03	-0.10	-4.39e-04	-3.37e-04	2.66e-05
1085	5	0.11	0.05	-0.10	-3.11e-04	5.77e-05	1.11e-04
1085	7	-0.13	-0.04	-0.11	-5.70e-05	-4.56e-04	-1.13e-04
1085	20	-0.03	-0.02	-0.13	-2.32e-04	-3.14e-04	2.17e-05
1085	37	0.05	0.02	-0.10	-2.55e-04	-6.76e-05	5.95e-05
1085	39	-0.06	-0.02	-0.11	-1.33e-04	-3.13e-04	-4.76e-05
1085	52	-0.01	-6.58e-03	-0.12	-2.16e-04	-2.44e-04	1.61e-05
1085	69	0.04	0.02	-0.10	-2.50e-04	-7.72e-05	5.55e-05
1085	71	-0.06	-0.01	-0.11	-1.39e-04	-3.02e-04	-4.26e-05
1085	84	-0.01	-5.82e-03	-0.12	-2.15e-04	-2.39e-04	1.57e-05
1086	5	0.10	0.04	-0.10	-8.71e-05	1.07e-04	1.07e-04
1086	7	-0.12	-0.03	-0.12	1.75e-04	-3.36e-04	-1.30e-04
1086	20	-0.03	-0.02	-0.13	3.27e-05	-2.05e-04	7.89e-06

1086	37	0.05	0.02	-0.11	-2.47e-05	4.18e-05	5.18e-05
1086	39	-0.06	-0.02	-0.12	1.00e-04	-1.96e-04	-6.12e-05
1086	52	-0.02	-6.31e-03	-0.12	3.31e-05	-1.33e-04	3.85e-06
1086	69	0.04	0.02	-0.11	-1.99e-05	3.26e-05	4.75e-05
1086	71	-0.06	-0.01	-0.12	9.47e-05	-1.85e-04	-5.59e-05
1086	84	-0.01	-5.58e-03	-0.12	3.31e-05	-1.27e-04	3.60e-06
1087	5	0.10	0.04	-0.10	1.32e-04	2.66e-04	1.03e-04
1087	7	-0.12	-0.03	-0.11	3.98e-04	-2.18e-04	-1.44e-04
1087	20	-0.03	-0.02	-0.13	2.63e-04	-9.95e-05	-4.84e-06
1087	37	0.04	0.02	-0.10	1.96e-04	1.51e-04	4.47e-05
1087	39	-0.06	-0.01	-0.11	3.23e-04	-8.02e-05	-7.31e-05
1087	52	-0.01	-6.29e-03	-0.12	2.60e-04	-2.31e-05	-7.25e-06
1087	69	0.04	0.02	-0.10	2.01e-04	1.42e-04	4.03e-05
1087	71	-0.05	-0.01	-0.11	3.17e-04	-6.97e-05	-6.77e-05
1087	84	-0.01	-5.58e-03	-0.12	2.59e-04	-1.73e-05	-7.37e-06
1088	5	0.09	0.04	-0.08	3.13e-04	3.52e-04	1.01e-04
1088	7	-0.11	-0.03	-0.09	5.76e-04	-1.19e-04	-1.54e-04
1088	20	-0.02	-0.02	-0.11	4.22e-04	-1.29e-05	-1.43e-05
1088	37	0.04	0.02	-0.09	3.74e-04	2.41e-04	4.03e-05
1088	39	-0.05	-0.01	-0.09	5.00e-04	1.67e-05	-8.11e-05
1088	52	-0.01	-6.48e-03	-0.10	4.27e-04	6.81e-05	-1.51e-05
1088	69	0.04	0.02	-0.09	3.79e-04	2.33e-04	3.57e-05
1088	71	-0.05	-0.01	-0.09	4.94e-04	2.70e-05	-7.55e-05
1088	84	-0.01	-5.80e-03	-0.10	4.27e-04	7.41e-05	-1.51e-05
1089	5	0.09	0.03	-0.06	4.16e-04	4.02e-04	1.01e-04
1089	7	-0.10	-0.03	-0.07	6.67e-04	-5.80e-05	-1.57e-04
1089	20	-0.02	-0.02	-0.08	5.01e-04	3.93e-05	-1.85e-05
1089	37	0.04	0.02	-0.06	4.73e-04	2.95e-04	3.99e-05
1089	39	-0.05	-0.01	-0.07	5.93e-04	7.55e-05	-8.32e-05
1089	52	-0.01	-6.86e-03	-0.07	5.14e-04	1.23e-04	-1.79e-05
1089	69	0.04	0.02	-0.06	4.77e-04	2.87e-04	3.52e-05
1089	71	-0.05	-0.01	-0.07	5.87e-04	8.57e-05	-7.76e-05
1089	84	-0.01	-6.20e-03	-0.07	5.15e-04	1.29e-04	-1.78e-05
1090	5	0.09	0.03	-0.04	3.75e-04	3.91e-04	1.05e-04
1090	7	-0.10	-0.03	-0.03	6.02e-04	-5.91e-05	-1.51e-04
1090	18	0.04	1.73e-03	-0.05	5.31e-04	1.70e-04	5.99e-05
1090	37	0.04	0.02	-0.04	4.43e-04	2.86e-04	4.36e-05
1090	39	-0.05	-0.01	-0.04	5.51e-04	7.15e-05	-7.84e-05
1090	50	0.02	9.81e-04	-0.04	5.17e-04	1.82e-04	2.17e-05
1090	69	0.04	0.01	-0.04	4.48e-04	2.78e-04	3.89e-05
1090	71	-0.04	-0.01	-0.04	5.48e-04	8.14e-05	-7.29e-05
1090	82	0.02	9.12e-04	-0.04	5.16e-04	1.82e-04	1.88e-05
1091	4	-0.08	-0.03	-0.01	4.37e-04	-1.19e-04	-1.18e-04
1091	7	-0.09	-0.02	-0.01	4.14e-04	-1.63e-04	-1.37e-04
1091	18	0.04	7.46e-06	-0.02	3.43e-04	2.15e-04	6.32e-05
1091	36	-0.04	-0.01	-0.01	3.82e-04	-1.81e-05	-5.87e-05
1091	39	-0.04	-0.01	-0.01	3.71e-04	-3.84e-05	-6.77e-05
1091	50	0.02	-2.12e-04	-0.02	3.36e-04	1.41e-04	2.73e-05
1091	68	-0.04	-0.01	-0.01	3.77e-04	-1.03e-05	-5.42e-05
1091	71	-0.04	-0.01	-0.01	3.67e-04	-2.89e-05	-6.24e-05
1091	82	0.02	-2.41e-04	-0.02	3.36e-04	1.35e-04	2.46e-05
1092	2	0.08	0.04	-0.05	2.00e-04	4.39e-04	-1.29e-05
1092	5	0.07	0.04	-0.04	1.71e-04	3.88e-04	-1.03e-05
1092	7	-0.09	-0.03	0.01	4.08e-04	-1.20e-04	-3.32e-05
1092	34	0.04	0.02	-0.03	2.54e-04	2.92e-04	-1.82e-05
1092	37	0.03	0.02	-0.03	2.40e-04	2.69e-04	-1.70e-05
1092	39	-0.04	-0.02	-2.84e-03	3.53e-04	2.59e-05	-2.79e-05
1092	66	0.03	0.02	-0.03	2.58e-04	2.81e-04	-1.86e-05
1092	69	0.03	0.02	-0.03	2.46e-04	2.59e-04	-1.75e-05
1092	71	-0.04	-0.01	-4.11e-03	3.49e-04	3.71e-05	-2.75e-05
1093	2	0.09	0.04	-0.07	3.30e-04	4.43e-04	-2.24e-05
1093	5	0.08	0.05	-0.06	2.95e-04	4.45e-04	-1.92e-05
1093	7	-0.09	-0.04	-6.21e-03	5.55e-04	-5.09e-05	-4.52e-05
1093	34	0.04	0.02	-0.06	3.88e-04	3.29e-04	-2.83e-05
1093	37	0.04	0.02	-0.05	3.72e-04	3.30e-04	-2.68e-05
1093	39	-0.04	-0.02	-0.02	4.96e-04	9.30e-05	-3.93e-05
1093	66	0.04	0.02	-0.05	3.93e-04	3.20e-04	-2.88e-05
1093	69	0.03	0.02	-0.05	3.78e-04	3.21e-04	-2.74e-05
1093	71	-0.04	-0.01	-0.02	4.92e-04	1.04e-04	-3.88e-05
1094	2	0.09	0.04	-0.10	3.52e-04	4.52e-04	-2.27e-05
1094	5	0.08	0.05	-0.09	3.51e-04	4.54e-04	-2.44e-05
1094	7	-0.10	-0.04	-0.03	6.19e-04	-3.72e-05	-4.83e-05
1094	34	0.04	0.02	-0.08	4.13e-04	3.39e-04	-2.94e-05
1094	37	0.04	0.02	-0.08	4.12e-04	3.40e-04	-3.02e-05
1094	39	-0.05	-0.02	-0.05	5.40e-04	1.06e-04	-4.16e-05
1094	66	0.04	0.02	-0.08	4.17e-04	3.30e-04	-2.99e-05
1094	69	0.03	0.02	-0.08	4.17e-04	3.31e-04	-3.06e-05

1094	71	-0.04	-0.02	-0.05	5.34e-04	1.17e-04	-4.11e-05
1095	2	0.09	0.05	-0.12	2.29e-04	4.15e-04	-1.54e-05
1095	5	0.09	0.05	-0.11	2.56e-04	4.17e-04	-1.73e-05
1095	7	-0.10	-0.04	-0.05	5.26e-04	-7.55e-05	-4.20e-05
1095	34	0.04	0.02	-0.11	3.07e-04	3.01e-04	-2.24e-05
1095	37	0.04	0.03	-0.10	3.19e-04	3.02e-04	-2.32e-05
1095	39	-0.05	-0.02	-0.07	4.49e-04	6.70e-05	-3.50e-05
1095	66	0.04	0.02	-0.10	3.13e-04	2.92e-04	-2.29e-05
1095	69	0.04	0.02	-0.10	3.24e-04	2.93e-04	-2.37e-05
1095	71	-0.05	-0.02	-0.07	4.43e-04	7.79e-05	-3.45e-05
1096	2	0.10	0.05	-0.14	5.74e-05	3.43e-04	-1.19e-06
1096	5	0.09	0.05	-0.13	7.73e-05	3.45e-04	-3.02e-06
1096	7	-0.11	-0.04	-0.07	3.46e-04	-1.54e-04	-2.92e-05
1096	34	0.04	0.02	-0.12	1.33e-04	2.26e-04	-8.51e-06
1096	37	0.04	0.03	-0.12	1.42e-04	2.27e-04	-9.36e-06
1096	39	-0.05	-0.02	-0.09	2.70e-04	-1.10e-05	-2.18e-05
1096	66	0.04	0.02	-0.12	1.39e-04	2.17e-04	-9.07e-06
1096	69	0.04	0.02	-0.12	1.47e-04	2.18e-04	-9.85e-06
1096	71	-0.05	-0.02	-0.09	2.65e-04	0.0	-2.13e-05
1097	2	0.10	0.05	-0.15	-1.67e-04	2.50e-04	1.55e-05
1097	5	0.09	0.06	-0.13	-1.39e-04	2.51e-04	1.30e-05
1097	7	-0.11	-0.04	-0.08	1.24e-04	-2.58e-04	-1.20e-05
1097	34	0.05	0.03	-0.13	-9.02e-05	1.29e-04	8.30e-06
1097	37	0.04	0.03	-0.12	-7.73e-05	1.29e-04	7.14e-06
1097	39	-0.06	-0.02	-0.09	4.83e-05	-1.14e-04	-4.80e-06
1097	66	0.04	0.02	-0.13	-8.43e-05	1.20e-04	7.75e-06
1097	69	0.04	0.03	-0.12	-7.26e-05	1.20e-04	6.69e-06
1097	71	-0.05	-0.02	-0.10	4.25e-05	-1.03e-04	-4.25e-06
1098	2	0.11	0.05	-0.14	-4.00e-04	1.52e-04	3.34e-05
1098	5	0.10	0.06	-0.13	-3.56e-04	1.52e-04	3.00e-05
1098	7	-0.12	-0.05	-0.07	-1.01e-04	-3.68e-04	5.02e-06
1098	34	0.05	0.03	-0.12	-3.21e-04	2.64e-05	2.59e-05
1098	37	0.05	0.03	-0.12	-3.00e-04	2.63e-05	2.44e-05
1098	39	-0.06	-0.02	-0.09	-1.79e-04	-2.22e-04	1.24e-05
1098	66	0.05	0.02	-0.12	-3.15e-04	1.67e-05	2.54e-05
1098	69	0.04	0.03	-0.12	-2.96e-04	1.66e-05	2.39e-05
1098	71	-0.05	-0.02	-0.09	-1.84e-04	-2.11e-04	1.30e-05
1099	2	0.11	0.05	-0.12	-5.99e-04	6.98e-05	4.81e-05
1099	6	0.12	0.06	-0.12	-5.96e-04	1.04e-04	4.78e-05
1099	7	-0.12	-0.05	-0.05	-2.94e-04	-4.63e-04	2.08e-05
1099	34	0.05	0.03	-0.10	-5.18e-04	-6.01e-05	4.08e-05
1099	38	0.05	0.03	-0.10	-5.17e-04	-4.41e-05	4.07e-05
1099	39	-0.06	-0.03	-0.07	-3.74e-04	-3.15e-04	2.79e-05
1099	66	0.05	0.02	-0.10	-5.12e-04	-7.01e-05	4.03e-05
1099	70	0.05	0.03	-0.10	-5.11e-04	-5.55e-05	4.01e-05
1099	71	-0.05	-0.02	-0.07	-3.80e-04	-3.03e-04	2.84e-05
1100	2	0.12	0.05	-0.09	-7.27e-04	2.31e-05	5.78e-05
1100	6	0.12	0.06	-0.09	-7.24e-04	5.66e-05	5.75e-05
1100	7	-0.12	-0.06	-0.02	-4.22e-04	-5.18e-04	2.99e-05
1100	34	0.06	0.03	-0.08	-6.46e-04	-1.09e-04	5.04e-05
1100	38	0.06	0.03	-0.08	-6.44e-04	-9.37e-05	5.02e-05
1100	39	-0.06	-0.03	-0.04	-5.01e-04	-3.68e-04	3.71e-05
1100	66	0.05	0.02	-0.07	-6.40e-04	-1.19e-04	4.98e-05
1100	70	0.05	0.03	-0.07	-6.38e-04	-1.05e-04	4.97e-05
1100	71	-0.06	-0.02	-0.04	-5.07e-04	-3.56e-04	3.77e-05
1101	2	0.12	0.05	-0.10	-6.87e-04	1.72e-05	5.61e-05
1101	5	0.11	0.06	-0.09	-6.23e-04	1.62e-05	5.02e-05
1101	7	-0.13	-0.05	-0.04	-3.80e-04	-5.24e-04	2.86e-05
1101	34	0.06	0.03	-0.08	-6.05e-04	-1.15e-04	4.88e-05
1101	37	0.05	0.03	-0.08	-5.75e-04	-1.16e-04	4.60e-05
1101	39	-0.06	-0.02	-0.06	-4.60e-04	-3.73e-04	3.57e-05
1101	66	0.05	0.02	-0.08	-5.99e-04	-1.25e-04	4.82e-05
1101	69	0.05	0.03	-0.08	-5.72e-04	-1.26e-04	4.57e-05
1101	71	-0.06	-0.02	-0.06	-4.66e-04	-3.62e-04	3.63e-05
1102	2	0.12	0.05	-0.11	-5.99e-04	4.54e-05	4.62e-05
1102	5	0.11	0.06	-0.10	-5.41e-04	4.46e-05	4.22e-05
1102	7	-0.12	-0.05	-0.06	-2.93e-04	-4.89e-04	1.77e-05
1102	34	0.05	0.03	-0.10	-5.18e-04	-8.52e-05	3.87e-05
1102	37	0.05	0.03	-0.09	-4.91e-04	-8.56e-05	3.68e-05
1102	39	-0.06	-0.02	-0.07	-3.72e-04	-3.41e-04	2.51e-05
1102	66	0.05	0.02	-0.10	-5.12e-04	-9.52e-05	3.81e-05
1102	69	0.05	0.03	-0.09	-4.87e-04	-9.57e-05	3.64e-05
1102	71	-0.06	-0.02	-0.07	-3.78e-04	-3.29e-04	2.57e-05
1103	2	0.11	0.05	-0.12	-5.00e-04	8.39e-05	4.03e-05
1103	5	0.10	0.06	-0.11	-4.49e-04	8.34e-05	3.63e-05
1103	7	-0.12	-0.05	-0.07	-1.95e-04	-4.44e-04	1.16e-05
1103	34	0.05	0.03	-0.11	-4.19e-04	-4.46e-05	3.27e-05

1103	37	0.05	0.03	-0.10	-3.95e-04	-4.50e-05	3.08e-05
1103	39	-0.06	-0.02	-0.08	-2.75e-04	-2.97e-04	1.91e-05
1103	66	0.05	0.02	-0.11	-4.13e-04	-5.45e-05	3.21e-05
1103	69	0.04	0.03	-0.10	-3.91e-04	-5.48e-05	3.04e-05
1103	71	-0.06	-0.02	-0.08	-2.81e-04	-2.85e-04	1.96e-05
1104	2	0.11	0.05	-0.13	-3.90e-04	1.29e-04	3.28e-05
1104	5	0.10	0.05	-0.12	-3.47e-04	1.29e-04	2.93e-05
1104	7	-0.12	-0.04	-0.08	-8.88e-05	-3.92e-04	3.94e-06
1104	34	0.05	0.02	-0.12	-3.10e-04	2.56e-06	2.52e-05
1104	37	0.05	0.03	-0.11	-2.90e-04	2.38e-06	2.35e-05
1104	39	-0.06	-0.02	-0.09	-1.67e-04	-2.46e-04	1.15e-05
1104	66	0.05	0.02	-0.12	-3.04e-04	-7.16e-06	2.46e-05
1104	69	0.04	0.03	-0.11	-2.86e-04	-7.33e-06	2.31e-05
1104	71	-0.06	-0.02	-0.09	-1.73e-04	-2.35e-04	1.20e-05
1105	2	0.11	0.05	-0.14	-2.74e-04	1.77e-04	2.17e-05
1105	5	0.10	0.05	-0.13	-2.39e-04	1.77e-04	1.87e-05
1105	7	-0.12	-0.04	-0.08	2.35e-05	-3.37e-04	-2.58e-06
1105	34	0.05	0.02	-0.12	-1.95e-04	5.30e-05	1.53e-05
1105	37	0.05	0.03	-0.12	-1.79e-04	5.30e-05	1.39e-05
1105	39	-0.06	-0.02	-0.10	-5.40e-05	-1.93e-04	3.74e-06
1105	66	0.04	0.02	-0.12	-1.89e-04	4.34e-05	1.48e-05
1105	69	0.04	0.02	-0.12	-1.75e-04	4.34e-05	1.35e-05
1105	71	-0.05	-0.02	-0.10	-5.99e-05	-1.81e-04	4.22e-06
1106	5	0.10	0.05	-0.13	-1.28e-04	2.27e-04	1.16e-05
1106	7	-0.12	-0.04	-0.08	1.38e-04	-2.81e-04	-1.37e-05
1106	18	0.04	9.90e-03	-0.14	-9.38e-05	0.0	7.79e-06
1106	34	0.05	0.02	-0.12	-7.78e-05	1.05e-04	6.67e-06
1106	37	0.04	0.03	-0.12	-6.53e-05	1.05e-04	5.60e-06
1106	39	-0.06	-0.02	-0.10	6.17e-05	-1.37e-04	-6.47e-06
1106	66	0.04	0.02	-0.12	-7.19e-05	9.57e-05	6.11e-06
1106	69	0.04	0.02	-0.12	-6.04e-05	9.58e-05	5.14e-06
1106	71	-0.05	-0.02	-0.10	5.59e-05	-1.26e-04	-5.91e-06
1107	5	0.09	0.05	-0.13	-1.78e-05	7.77e-04	1.69e-06
1107	7	-0.11	-0.04	-0.08	2.52e-04	-2.26e-04	-1.83e-05
1107	18	0.04	9.75e-03	-0.14	2.99e-05	4.75e-05	0.0
1107	34	0.05	0.02	-0.12	3.69e-05	1.56e-04	-2.04e-06
1107	37	0.04	0.03	-0.12	4.68e-05	1.57e-04	-2.99e-06
1107	39	-0.06	-0.02	-0.10	1.75e-04	-8.31e-05	-1.25e-05
1107	66	0.04	0.02	-0.12	4.27e-05	1.47e-04	-2.48e-06
1107	69	0.04	0.02	-0.12	5.18e-05	1.48e-04	-3.35e-06
1107	71	-0.05	-0.02	-0.10	1.70e-04	-7.21e-05	-1.21e-05
1108	2	0.10	0.05	-0.13	6.74e-05	3.22e-04	-3.47e-06
1108	5	0.09	0.05	-0.12	8.74e-05	3.24e-04	-5.20e-06
1108	7	-0.11	-0.04	-0.08	3.58e-04	-1.74e-04	-3.00e-05
1108	34	0.05	0.02	-0.12	1.44e-04	2.05e-04	-1.04e-05
1108	37	0.04	0.03	-0.11	1.53e-04	2.06e-04	-1.12e-05
1108	39	-0.06	-0.02	-0.09	2.82e-04	-3.19e-05	-2.30e-05
1108	66	0.04	0.02	-0.12	1.49e-04	1.96e-04	-1.09e-05
1108	69	0.04	0.02	-0.11	1.58e-04	1.97e-04	-1.17e-05
1108	71	-0.05	-0.02	-0.09	2.76e-04	-2.10e-05	-2.25e-05
1109	2	0.10	0.04	-0.13	1.61e-04	3.64e-04	-1.30e-05
1109	5	0.09	0.05	-0.12	1.83e-04	3.66e-04	-1.30e-05
1109	7	-0.11	-0.04	-0.07	4.55e-04	-1.28e-04	-3.50e-05
1109	34	0.04	0.02	-0.11	2.38e-04	2.49e-04	-1.82e-05
1109	37	0.04	0.02	-0.11	2.48e-04	2.50e-04	-1.82e-05
1109	39	-0.05	-0.02	-0.09	3.78e-04	1.41e-05	-2.87e-05
1109	66	0.04	0.02	-0.11	2.44e-04	2.40e-04	-1.86e-05
1109	69	0.04	0.02	-0.11	2.53e-04	2.41e-04	-1.86e-05
1109	71	-0.05	-0.02	-0.09	3.72e-04	2.50e-05	-2.82e-05
1110	2	0.10	0.04	-0.12	2.36e-04	4.01e-04	-1.60e-05
1110	5	0.09	0.05	-0.11	2.62e-04	4.03e-04	-1.82e-05
1110	7	-0.11	-0.04	-0.06	5.34e-04	-8.86e-05	-4.26e-05
1110	34	0.04	0.02	-0.10	3.14e-04	2.87e-04	-2.30e-05
1110	37	0.04	0.02	-0.10	3.26e-04	2.88e-04	-2.40e-05
1110	39	-0.05	-0.02	-0.08	4.56e-04	5.33e-05	-3.57e-05
1110	66	0.04	0.02	-0.10	3.20e-04	2.78e-04	-2.36e-05
1110	69	0.04	0.02	-0.10	3.31e-04	2.79e-04	-2.45e-05
1110	71	-0.05	-0.02	-0.08	4.50e-04	6.42e-05	-3.52e-05
1111	2	0.09	0.04	-0.11	2.92e-04	4.28e-04	-2.24e-05
1111	5	0.09	0.05	-0.09	3.23e-04	4.30e-04	-2.23e-05
1111	7	-0.10	-0.04	-0.05	5.94e-04	-5.90e-05	-4.62e-05
1111	34	0.04	0.02	-0.09	3.71e-04	3.15e-04	-2.80e-05
1111	37	0.04	0.02	-0.09	3.86e-04	3.16e-04	-2.79e-05
1111	39	-0.05	-0.02	-0.06	5.15e-04	8.28e-05	-3.94e-05
1111	66	0.04	0.02	-0.09	3.77e-04	2.84e-04	-2.84e-05
1111	69	0.04	0.02	-0.09	3.91e-04	3.08e-04	-2.84e-05
1111	71	-0.05	-0.01	-0.07	5.09e-04	9.36e-05	-3.88e-05

1112	2	0.09	0.04	-0.09	3.57e-04	4.47e-04	-2.28e-05
1112	5	0.08	0.04	-0.08	3.56e-04	4.49e-04	-2.52e-05
1112	7	-0.10	-0.04	-0.04	6.24e-04	-3.99e-05	-5.18e-05
1112	34	0.04	0.02	-0.08	4.18e-04	3.35e-04	-3.04e-05
1112	37	0.04	0.02	-0.07	4.18e-04	3.36e-04	-3.15e-05
1112	39	-0.05	-0.02	-0.05	5.45e-04	1.02e-04	-4.42e-05
1112	66	0.04	0.02	-0.08	4.23e-04	3.26e-04	-3.10e-05
1112	69	0.04	0.02	-0.07	4.22e-04	3.27e-04	-3.20e-05
1112	71	-0.04	-0.01	-0.05	5.39e-04	1.13e-04	-4.36e-05
1113	2	0.09	0.04	-0.08	3.61e-04	4.55e-04	-2.50e-05
1113	5	0.08	0.04	-0.07	3.59e-04	4.58e-04	-2.49e-05
1113	7	-0.10	-0.03	-0.03	6.23e-04	-3.29e-05	-5.01e-05
1113	34	0.04	0.02	-0.06	4.20e-04	3.43e-04	-3.08e-05
1113	37	0.04	0.02	-0.06	4.19e-04	3.44e-04	-3.07e-05
1113	39	-0.05	-0.02	-0.04	5.45e-04	1.10e-04	-4.28e-05
1113	66	0.04	0.02	-0.06	4.24e-04	3.34e-04	-3.12e-05
1113	69	0.03	0.02	-0.06	4.24e-04	3.35e-04	-3.12e-05
1113	71	-0.04	-0.01	-0.04	5.39e-04	1.20e-04	-4.22e-05
1114	2	0.09	0.04	-0.06	3.31e-04	4.52e-04	-2.30e-05
1114	5	0.08	0.04	-0.06	2.97e-04	4.54e-04	-2.50e-05
1114	7	-0.09	-0.03	-0.01	5.55e-04	-4.00e-05	-4.60e-05
1114	34	0.04	0.02	-0.05	3.89e-04	3.38e-04	-2.90e-05
1114	37	0.04	0.02	-0.05	3.73e-04	3.39e-04	-2.99e-05
1114	39	-0.05	-0.02	-0.03	4.96e-04	1.03e-04	-3.99e-05
1114	66	0.04	0.02	-0.05	3.93e-04	3.29e-04	-2.95e-05
1114	69	0.03	0.02	-0.05	3.79e-04	3.30e-04	-3.03e-05
1114	71	-0.04	-0.01	-0.03	4.92e-04	1.14e-04	-3.95e-05
1115	2	0.09	0.04	-0.05	2.72e-04	4.35e-04	-2.00e-05
1115	5	0.08	0.04	-0.05	2.41e-04	4.36e-04	-1.73e-05
1115	7	-0.09	-0.03	-2.57e-03	4.91e-04	-6.21e-05	-3.88e-05
1115	34	0.04	0.02	-0.04	3.29e-04	3.19e-04	-2.49e-05
1115	37	0.04	0.02	-0.04	3.14e-04	3.20e-04	-2.36e-05
1115	39	-0.04	-0.01	-0.02	4.33e-04	8.20e-05	-3.39e-05
1115	66	0.04	0.02	-0.04	3.33e-04	3.10e-04	-2.53e-05
1115	69	0.03	0.02	-0.04	3.20e-04	3.11e-04	-2.41e-05
1115	71	-0.04	-0.01	-0.02	4.29e-04	9.30e-05	-3.35e-05
1116	2	0.09	0.03	-0.03	3.06e-04	4.20e-04	-2.03e-05
1116	5	0.08	0.03	-0.03	2.76e-04	4.22e-04	-1.82e-05
1116	7	-0.09	-0.03	-0.02	5.14e-04	-5.33e-05	-4.16e-05
1116	34	0.04	0.01	-0.03	3.60e-04	3.10e-04	-2.58e-05
1116	37	0.04	0.02	-0.03	3.46e-04	3.11e-04	-2.49e-05
1116	39	-0.04	-0.01	-0.02	4.59e-04	8.43e-05	-3.60e-05
1116	66	0.04	0.01	-0.03	3.64e-04	3.02e-04	-2.62e-05
1116	69	0.04	0.01	-0.03	3.51e-04	3.03e-04	-2.54e-05
1116	71	-0.04	-0.01	-0.02	4.55e-04	9.48e-05	-3.56e-05
1117	5	0.08	0.03	-0.04	3.38e-04	4.37e-04	-2.70e-05
1117	7	-0.10	-0.03	-0.03	5.87e-04	-3.55e-05	-5.37e-05
1117	18	0.04	3.41e-03	-0.05	4.99e-04	2.05e-04	-2.84e-05
1117	37	0.04	0.02	-0.04	4.11e-04	3.27e-04	-3.31e-05
1117	39	-0.05	-0.01	-0.03	5.30e-04	1.02e-04	-4.58e-05
1117	50	0.02	2.06e-03	-0.04	4.88e-04	2.18e-04	-3.38e-05
1117	69	0.04	0.02	-0.04	4.17e-04	3.19e-04	-3.36e-05
1117	71	-0.04	-0.01	-0.03	5.26e-04	1.12e-04	-4.52e-05
1117	82	0.01	1.95e-03	-0.04	4.87e-04	2.18e-04	-3.42e-05
1118	5	0.09	0.04	-0.06	3.97e-04	4.37e-04	-2.60e-05
1118	7	-0.10	-0.03	-0.04	6.57e-04	-3.52e-05	-4.86e-05
1118	18	0.04	4.23e-03	-0.06	5.32e-04	2.05e-04	-3.85e-05
1118	37	0.04	0.02	-0.05	4.56e-04	3.28e-04	-3.25e-05
1118	39	-0.05	-0.01	-0.05	5.80e-04	1.02e-04	-4.33e-05
1118	50	0.02	2.64e-03	-0.06	5.20e-04	2.18e-04	-3.84e-05
1118	69	0.04	0.02	-0.05	4.61e-04	3.19e-04	-3.30e-05
1118	71	-0.04	-0.01	-0.05	5.74e-04	1.13e-04	-4.29e-05
1118	82	0.01	2.50e-03	-0.06	5.19e-04	2.18e-04	-3.84e-05
1119	5	0.09	0.04	-0.07	3.90e-04	4.25e-04	-2.79e-05
1119	7	-0.10	-0.03	-0.05	6.58e-04	-4.92e-05	-5.42e-05
1119	18	0.04	5.02e-03	-0.08	4.07e-04	1.93e-04	-3.03e-05
1119	37	0.04	0.02	-0.07	4.51e-04	3.14e-04	-3.40e-05
1119	39	-0.05	-0.01	-0.06	5.79e-04	8.83e-05	-4.65e-05
1119	50	0.02	3.18e-03	-0.07	4.60e-04	2.05e-04	-3.52e-05
1119	69	0.04	0.02	-0.07	4.56e-04	3.06e-04	-3.44e-05
1119	71	-0.05	-0.01	-0.06	5.73e-04	9.88e-05	-4.60e-05
1119	82	0.01	3.02e-03	-0.07	4.64e-04	2.05e-04	-3.56e-05
1120	5	0.09	0.04	-0.08	3.54e-04	4.01e-04	-2.50e-05
1120	7	-0.11	-0.03	-0.07	6.28e-04	-7.50e-05	-5.08e-05
1120	18	0.04	5.70e-03	-0.09	3.79e-04	1.70e-04	-2.84e-05
1120	37	0.04	0.02	-0.08	4.17e-04	2.90e-04	-3.10e-05
1120	39	-0.05	-0.01	-0.07	5.48e-04	6.27e-05	-4.34e-05

1120	50	0.02	3.65e-03	-0.09	4.30e-04	1.81e-04	-3.28e-05
1120	69	0.04	0.02	-0.08	4.22e-04	2.81e-04	-3.15e-05
1120	71	-0.05	-0.01	-0.07	5.42e-04	7.32e-05	-4.28e-05
1120	82	0.01	3.48e-03	-0.09	4.34e-04	1.81e-04	-3.31e-05
1121	5	0.09	0.04	-0.09	2.92e-04	3.69e-04	-2.06e-05
1121	7	-0.11	-0.03	-0.08	5.70e-04	-1.11e-04	-4.53e-05
1121	18	0.04	6.40e-03	-0.11	3.28e-04	1.40e-04	-2.47e-05
1121	37	0.04	0.02	-0.09	3.58e-04	2.56e-04	-2.65e-05
1121	39	-0.05	-0.01	-0.08	4.90e-04	2.69e-05	-3.83e-05
1121	50	0.02	4.12e-03	-0.10	3.76e-04	1.48e-04	-2.85e-05
1121	69	0.04	0.02	-0.09	3.63e-04	2.47e-04	-2.69e-05
1121	71	-0.05	-0.01	-0.08	4.84e-04	3.75e-05	-3.78e-05
1121	82	0.01	3.93e-03	-0.10	3.79e-04	1.48e-04	-2.88e-05
1122	5	0.09	0.04	-0.10	2.11e-04	3.29e-04	-1.39e-05
1122	7	-0.11	-0.03	-0.09	4.90e-04	-1.56e-04	-4.22e-05
1122	18	0.04	7.03e-03	-0.12	2.57e-04	1.02e-04	-1.92e-05
1122	37	0.04	0.02	-0.10	2.77e-04	2.14e-04	-2.07e-05
1122	39	-0.06	-0.02	-0.09	4.11e-04	-1.71e-05	-3.42e-05
1122	50	0.02	4.54e-03	-0.11	3.00e-04	1.07e-04	-2.33e-05
1122	69	0.04	0.02	-0.10	2.83e-04	2.05e-04	-2.12e-05
1122	71	-0.05	-0.01	-0.09	4.05e-04	-6.51e-06	-3.36e-05
1122	82	0.01	4.33e-03	-0.11	3.04e-04	1.07e-04	-2.36e-05
1123	5	0.10	0.04	-0.11	1.14e-04	2.83e-04	-7.71e-06
1123	7	-0.12	-0.03	-0.09	3.93e-04	-2.07e-04	-2.97e-05
1123	18	0.04	7.60e-03	-0.13	1.68e-04	5.80e-05	-1.17e-05
1123	37	0.04	0.02	-0.11	1.81e-04	1.66e-04	-1.30e-05
1123	39	-0.06	-0.02	-0.10	3.15e-04	-6.77e-05	-2.35e-05
1123	50	0.02	4.90e-03	-0.12	2.08e-04	5.98e-05	-1.50e-05
1123	69	0.04	0.02	-0.11	1.86e-04	1.57e-04	-1.34e-05
1123	71	-0.05	-0.01	-0.10	3.09e-04	-5.70e-05	-2.30e-05
1123	82	0.01	4.68e-03	-0.12	2.11e-04	5.97e-05	-1.52e-05
1124	5	0.10	0.05	-0.11	8.05e-06	2.33e-04	0.0
1124	7	-0.12	-0.04	-0.10	2.86e-04	-2.63e-04	-2.52e-05
1124	18	0.04	8.07e-03	-0.13	6.05e-05	1.02e-05	-4.40e-06
1124	37	0.04	0.02	-0.11	7.51e-05	1.14e-04	-5.63e-06
1124	39	-0.06	-0.02	-0.11	2.08e-04	-1.23e-04	-1.80e-05
1124	50	0.02	5.19e-03	-0.12	1.01e-04	8.54e-06	-8.08e-06
1124	69	0.04	0.02	-0.11	8.02e-05	1.05e-04	-6.11e-06
1124	71	-0.05	-0.01	-0.11	2.02e-04	-1.12e-04	-1.74e-05
1124	82	0.01	4.96e-03	-0.12	1.04e-04	8.27e-06	-8.36e-06
1125	5	0.10	0.05	-0.12	-1.03e-04	1.81e-04	7.73e-06
1125	7	-0.12	-0.04	-0.10	1.72e-04	-3.22e-04	-1.38e-05
1125	18	0.04	8.47e-03	-0.13	-6.25e-05	-4.03e-05	4.93e-06
1125	37	0.05	0.02	-0.11	-3.80e-05	5.97e-05	2.68e-06
1125	39	-0.06	-0.02	-0.11	9.35e-05	-1.80e-04	-7.58e-06
1125	50	0.02	5.42e-03	-0.12	-1.78e-05	-4.52e-05	1.27e-06
1125	69	0.04	0.02	-0.11	-3.30e-05	5.04e-05	2.29e-06
1125	71	-0.06	-0.01	-0.11	8.75e-05	-1.70e-04	-7.11e-06
1125	82	0.01	5.17e-03	-0.12	-1.45e-05	-4.57e-05	0.0
1126	5	0.10	0.05	-0.11	-2.16e-04	1.29e-04	1.78e-05
1126	7	-0.12	-0.04	-0.10	5.53e-05	-3.82e-04	-6.32e-06
1126	18	0.04	8.79e-03	-0.13	-1.93e-04	-9.16e-05	1.55e-05
1126	37	0.05	0.02	-0.11	-1.54e-04	5.22e-06	1.22e-05
1126	39	-0.06	-0.02	-0.11	-2.40e-05	-2.38e-04	0.0
1126	50	0.02	5.58e-03	-0.12	-1.42e-04	-9.93e-05	1.10e-05
1126	69	0.04	0.02	-0.11	-1.49e-04	-4.30e-06	1.18e-05
1126	71	-0.06	-0.02	-0.11	-3.01e-05	-2.27e-04	1.23e-06
1126	82	0.02	5.32e-03	-0.12	-1.38e-04	-1.00e-04	1.07e-05
1127	5	0.10	0.05	-0.11	-3.27e-04	7.85e-05	2.85e-05
1127	7	-0.12	-0.04	-0.09	-6.04e-05	-4.40e-04	0.0
1127	18	0.04	9.03e-03	-0.13	-3.25e-04	-1.42e-04	2.69e-05
1127	37	0.05	0.02	-0.11	-2.68e-04	-4.76e-05	2.20e-05
1127	39	-0.06	-0.02	-0.10	-1.40e-04	-2.95e-04	8.41e-06
1127	50	0.02	5.68e-03	-0.12	-2.65e-04	-1.52e-04	2.11e-05
1127	69	0.04	0.02	-0.11	-2.63e-04	-5.73e-05	2.15e-05
1127	71	-0.06	-0.02	-0.10	-1.47e-04	-2.84e-04	9.05e-06
1127	82	0.02	5.41e-03	-0.12	-2.61e-04	-1.53e-04	2.07e-05
1128	5	0.11	0.05	-0.10	-4.34e-04	3.25e-05	3.69e-05
1128	7	-0.13	-0.04	-0.09	-1.73e-04	-4.94e-04	1.07e-05
1128	18	0.04	9.21e-03	-0.12	-4.53e-04	-1.89e-04	3.85e-05
1128	37	0.05	0.03	-0.10	-3.78e-04	-9.59e-05	3.13e-05
1128	39	-0.06	-0.02	-0.09	-2.54e-04	-3.47e-04	1.88e-05
1128	50	0.02	5.71e-03	-0.11	-3.86e-04	-2.01e-04	3.19e-05
1128	69	0.04	0.02	-0.10	-3.74e-04	-1.06e-04	3.08e-05
1128	71	-0.06	-0.02	-0.09	-2.60e-04	-3.36e-04	1.94e-05
1128	82	0.02	5.43e-03	-0.11	-3.81e-04	-2.02e-04	3.14e-05
1129	5	0.11	0.05	-0.09	-5.31e-04	-6.65e-06	4.39e-05

1129	7	-0.13	-0.04	-0.08	-2.76e-04	-5.41e-04	1.94e-05
1129	18	0.05	9.30e-03	-0.10	-5.69e-04	-2.30e-04	4.76e-05
1129	37	0.05	0.03	-0.09	-4.79e-04	-1.37e-04	3.89e-05
1129	39	-0.06	-0.02	-0.08	-3.57e-04	-3.92e-04	2.72e-05
1129	50	0.02	5.68e-03	-0.09	-4.95e-04	-2.43e-04	4.05e-05
1129	69	0.05	0.02	-0.09	-4.75e-04	-1.47e-04	3.85e-05
1129	71	-0.06	-0.02	-0.08	-3.63e-04	-3.81e-04	2.78e-05
1129	82	0.02	5.39e-03	-0.09	-4.90e-04	-2.44e-04	4.00e-05
1130	5	0.11	0.05	-0.08	-6.14e-04	-3.44e-05	4.68e-05
1130	7	-0.13	-0.04	-0.06	-3.66e-04	-5.76e-04	2.19e-05
1130	18	0.05	9.32e-03	-0.09	-6.68e-04	-2.59e-04	4.72e-05
1130	37	0.05	0.03	-0.07	-5.65e-04	-1.67e-04	4.13e-05
1130	39	-0.06	-0.02	-0.07	-4.47e-04	-4.26e-04	2.95e-05
1130	50	0.02	5.59e-03	-0.08	-5.89e-04	-2.74e-04	4.14e-05
1130	69	0.05	0.02	-0.07	-5.61e-04	-1.77e-04	4.09e-05
1130	71	-0.06	-0.02	-0.07	-4.53e-04	-4.14e-04	3.01e-05
1130	82	0.02	5.29e-03	-0.08	-5.84e-04	-2.75e-04	4.10e-05
1131	5	0.12	0.05	-0.06	-6.67e-04	-5.12e-05	5.08e-05
1131	7	-0.13	-0.04	-0.05	-4.27e-04	-5.99e-04	3.15e-05
1131	18	0.05	9.27e-03	-0.07	-7.33e-04	-1.73e-04	3.70e-05
1131	37	0.05	0.03	-0.06	-6.21e-04	-1.85e-04	4.70e-05
1131	39	-0.06	-0.02	-0.05	-5.07e-04	-4.47e-04	3.79e-05
1131	50	0.02	5.46e-03	-0.06	-6.51e-04	-2.45e-04	4.06e-05
1131	69	0.05	0.02	-0.06	-6.18e-04	-1.96e-04	4.68e-05
1131	71	-0.06	-0.02	-0.05	-5.13e-04	-4.35e-04	3.84e-05
1131	82	0.02	5.16e-03	-0.06	-6.45e-04	-2.51e-04	4.09e-05
1132	2	0.09	0.03	-0.03	1.91e-04	4.63e-04	-1.13e-05
1132	5	0.08	0.03	-0.03	1.65e-04	4.13e-04	-9.45e-06
1132	7	-0.09	-0.03	-2.48e-04	3.98e-04	-8.57e-05	-3.36e-05
1132	34	0.04	0.02	-0.02	2.45e-04	3.19e-04	-1.71e-05
1132	37	0.04	0.02	-0.02	2.33e-04	2.95e-04	-1.63e-05
1132	39	-0.04	-0.01	-8.65e-03	3.44e-04	5.76e-05	-2.78e-05
1132	66	0.04	0.01	-0.02	2.49e-04	3.08e-04	-1.76e-05
1132	69	0.03	0.02	-0.02	2.38e-04	2.86e-04	-1.68e-05
1132	71	-0.04	-0.01	-9.29e-03	3.40e-04	6.85e-05	-2.73e-05
1133	2	0.13	0.05	-0.06	-7.76e-04	0.0	6.33e-05
1133	5	0.12	0.05	-0.05	-7.06e-04	-3.16e-05	5.81e-05
1133	7	-0.13	-0.05	-0.03	-4.74e-04	-5.80e-04	3.47e-05
1133	34	0.06	0.02	-0.05	-6.95e-04	-1.51e-04	5.57e-05
1133	37	0.06	0.03	-0.05	-6.63e-04	-1.66e-04	5.33e-05
1133	39	-0.06	-0.02	-0.04	-5.52e-04	-4.28e-04	4.21e-05
1133	66	0.06	0.02	-0.05	-6.89e-04	-1.62e-04	5.51e-05
1133	69	0.05	0.02	-0.05	-6.59e-04	-1.76e-04	5.29e-05
1133	71	-0.06	-0.02	-0.04	-5.58e-04	-4.16e-04	4.27e-05
1134	2	0.08	0.03	-0.04	1.92e-04	4.56e-04	-1.24e-05
1134	5	0.08	0.04	-0.04	1.64e-04	4.05e-04	-9.47e-06
1134	7	-0.09	-0.03	6.51e-03	4.00e-04	-9.94e-05	-3.20e-05
1134	34	0.04	0.02	-0.03	2.46e-04	3.10e-04	-1.75e-05
1134	37	0.04	0.02	-0.03	2.33e-04	2.86e-04	-1.61e-05
1134	39	-0.04	-0.01	-6.01e-03	3.46e-04	4.55e-05	-2.69e-05
1134	66	0.04	0.02	-0.03	2.50e-04	2.99e-04	-1.79e-05
1134	69	0.03	0.02	-0.03	2.38e-04	2.77e-04	-1.66e-05
1134	71	-0.04	-0.01	-6.97e-03	3.41e-04	5.66e-05	-2.65e-05
1135	2	0.09	0.03	-0.02	2.02e-04	4.30e-04	-1.66e-05
1135	7	-0.09	-0.03	-6.26e-03	4.02e-04	-9.64e-05	-3.28e-05
1135	8	-0.08	-0.03	-9.23e-03	4.25e-04	-4.95e-05	-3.00e-05
1135	34	0.04	0.01	-0.02	2.54e-04	2.92e-04	-2.01e-05
1135	39	-0.04	-0.01	-0.01	3.50e-04	4.10e-05	-2.78e-05
1135	40	-0.04	-0.02	-0.01	3.61e-04	6.29e-05	-2.65e-05
1135	66	0.04	0.01	-0.02	2.58e-04	2.81e-04	-2.03e-05
1135	71	-0.04	-0.01	-0.01	3.46e-04	5.15e-05	-2.74e-05
1135	72	-0.04	-0.01	-0.01	3.56e-04	7.15e-05	-2.62e-05
1136	5	0.12	0.05	-0.05	-7.03e-04	-6.41e-05	5.62e-05
1136	7	-0.13	-0.04	-0.04	-4.70e-04	-6.17e-04	3.70e-05
1136	18	0.05	9.16e-03	-0.05	-7.75e-04	-1.90e-04	6.26e-05
1136	37	0.06	0.03	-0.05	-6.59e-04	-2.00e-04	5.26e-05
1136	39	-0.06	-0.02	-0.04	-5.49e-04	-4.64e-04	4.35e-05
1136	50	0.03	5.31e-03	-0.05	-6.92e-04	-2.61e-04	5.55e-05
1136	69	0.05	0.02	-0.05	-6.56e-04	-2.10e-04	5.24e-05
1136	71	-0.06	-0.02	-0.04	-5.55e-04	-4.52e-04	4.40e-05
1136	82	0.02	5.00e-03	-0.05	-6.86e-04	-2.66e-04	5.50e-05
1137	2	0.13	0.05	-0.07	-7.44e-04	1.70e-05	5.93e-05
1137	5	0.11	0.06	-0.07	-6.76e-04	-1.59e-05	5.34e-05
1137	7	-0.13	-0.05	-0.04	-4.39e-04	-5.61e-04	2.91e-05
1137	34	0.06	0.02	-0.06	-6.63e-04	-1.34e-04	5.13e-05
1137	37	0.05	0.03	-0.06	-6.31e-04	-1.49e-04	4.85e-05
1137	39	-0.06	-0.02	-0.05	-5.18e-04	-4.10e-04	3.69e-05

1137	66	0.05	0.02	-0.06	-6.57e-04	-1.46e-04	5.06e-05
1137	69	0.05	0.03	-0.06	-6.28e-04	-1.60e-04	4.81e-05
1137	71	-0.06	-0.02	-0.05	-5.24e-04	-3.98e-04	3.75e-05
1138	2	0.09	0.03	-0.04	2.84e-04	4.41e-04	-1.71e-05
1138	5	0.08	0.04	-0.04	2.53e-04	4.43e-04	-1.45e-05
1138	7	-0.09	-0.03	-9.62e-03	4.98e-04	-4.85e-05	-4.07e-05
1138	34	0.04	0.02	-0.03	3.39e-04	3.28e-04	-2.33e-05
1138	37	0.04	0.02	-0.03	3.25e-04	3.28e-04	-2.20e-05
1138	39	-0.04	-0.01	-0.02	4.42e-04	9.37e-05	-3.46e-05
1138	66	0.04	0.01	-0.03	3.43e-04	3.19e-04	-2.37e-05
1138	69	0.03	0.02	-0.03	3.31e-04	3.20e-04	-2.26e-05
1138	71	-0.04	-0.01	-0.02	4.38e-04	1.05e-04	-3.41e-05
1139	2	0.09	0.03	-0.06	3.45e-04	4.53e-04	-2.46e-05
1139	5	0.08	0.04	-0.05	3.12e-04	4.55e-04	-2.45e-05
1139	7	-0.09	-0.03	-0.02	5.66e-04	-3.19e-05	-4.86e-05
1139	34	0.04	0.02	-0.05	4.02e-04	3.41e-04	-3.02e-05
1139	37	0.04	0.02	-0.04	3.87e-04	3.42e-04	-3.02e-05
1139	39	-0.05	-0.01	-0.03	5.08e-04	1.10e-04	-4.17e-05
1139	66	0.04	0.02	-0.05	4.07e-04	3.33e-04	-3.07e-05
1139	69	0.04	0.02	-0.04	3.92e-04	3.33e-04	-3.07e-05
1139	71	-0.04	-0.01	-0.03	5.03e-04	1.20e-04	-4.12e-05
1140	5	0.09	0.05	-0.12	1.00e-04	3.03e-04	-4.97e-06
1140	7	-0.11	-0.04	-0.09	3.75e-04	-1.92e-04	-3.34e-05
1140	18	0.04	8.64e-03	-0.13	1.53e-04	7.39e-05	-1.06e-05
1140	37	0.04	0.02	-0.11	1.67e-04	1.85e-04	-1.18e-05
1140	39	-0.06	-0.02	-0.10	2.98e-04	-5.11e-05	-2.54e-05
1140	50	0.02	5.51e-03	-0.12	1.93e-04	7.68e-05	-1.46e-05
1140	69	0.04	0.02	-0.11	1.72e-04	1.76e-04	-1.24e-05
1140	71	-0.05	-0.01	-0.10	2.92e-04	-4.03e-05	-2.48e-05
1140	82	0.01	5.26e-03	-0.12	1.96e-04	7.68e-05	-1.49e-05
1141	5	0.10	0.05	-0.12	-4.40e-06	2.54e-04	2.22e-06
1141	7	-0.12	-0.04	-0.09	2.69e-04	-2.46e-04	-2.30e-05
1141	18	0.04	8.97e-03	-0.14	4.57e-05	2.34e-05	-2.34e-06
1141	37	0.04	0.02	-0.11	6.14e-05	1.34e-04	-3.85e-06
1141	39	-0.06	-0.02	-0.10	1.92e-04	-1.05e-04	-1.59e-05
1141	50	0.02	5.70e-03	-0.12	8.60e-05	2.69e-05	-6.09e-06
1141	69	0.04	0.02	-0.11	6.65e-05	1.25e-04	-4.32e-06
1141	71	-0.05	-0.02	-0.10	1.86e-04	-9.37e-05	-1.54e-05
1141	82	0.01	5.44e-03	-0.12	8.90e-05	2.68e-05	-6.37e-06
1142	5	0.09	0.05	-0.11	1.95e-04	3.47e-04	-1.21e-05
1142	7	-0.11	-0.04	-0.08	4.71e-04	-1.43e-04	-4.02e-05
1142	18	0.04	8.22e-03	-0.12	2.42e-04	1.16e-04	-1.76e-05
1142	37	0.04	0.02	-0.10	2.61e-04	2.31e-04	-1.89e-05
1142	39	-0.05	-0.02	-0.09	3.92e-04	-2.76e-06	-3.23e-05
1142	50	0.02	5.25e-03	-0.11	2.84e-04	1.22e-04	-2.16e-05
1142	69	0.04	0.02	-0.10	2.66e-04	2.22e-04	-1.94e-05
1142	71	-0.05	-0.01	-0.09	3.87e-04	7.99e-06	-3.17e-05
1142	82	0.01	5.01e-03	-0.11	2.87e-04	1.22e-04	-2.19e-05
1143	2	0.09	0.04	-0.08	3.36e-04	4.38e-04	-2.35e-05
1143	5	0.09	0.04	-0.08	3.70e-04	4.40e-04	-2.65e-05
1143	7	-0.10	-0.03	-0.05	6.37e-04	-4.33e-05	-5.21e-05
1143	34	0.04	0.02	-0.07	4.15e-04	3.27e-04	-3.10e-05
1143	37	0.04	0.02	-0.07	4.31e-04	3.28e-04	-3.24e-05
1143	39	-0.05	-0.02	-0.06	5.59e-04	9.71e-05	-4.46e-05
1143	66	0.04	0.02	-0.07	4.21e-04	3.18e-04	-3.16e-05
1143	69	0.04	0.02	-0.07	4.36e-04	3.19e-04	-3.29e-05
1143	71	-0.05	-0.01	-0.06	5.53e-04	1.08e-04	-4.41e-05
1144	2	0.09	0.04	-0.07	3.76e-04	4.52e-04	-2.41e-05
1144	5	0.08	0.04	-0.06	3.74e-04	4.54e-04	-2.18e-05
1144	7	-0.10	-0.03	-0.03	6.36e-04	-3.07e-05	-4.35e-05
1144	34	0.04	0.02	-0.06	4.34e-04	3.40e-04	-2.92e-05
1144	37	0.04	0.02	-0.06	4.34e-04	3.41e-04	-2.81e-05
1144	39	-0.05	-0.01	-0.04	5.59e-04	1.10e-04	-3.84e-05
1144	66	0.04	0.02	-0.06	4.39e-04	3.32e-04	-2.95e-05
1144	69	0.04	0.02	-0.06	4.38e-04	3.33e-04	-2.85e-05
1144	71	-0.04	-0.01	-0.04	5.53e-04	1.21e-04	-3.80e-05
1145	5	0.09	0.04	-0.09	3.36e-04	4.17e-04	-2.42e-05
1145	7	-0.10	-0.03	-0.06	6.08e-04	-6.72e-05	-4.65e-05
1145	18	0.04	7.12e-03	-0.10	3.62e-04	1.82e-04	-3.45e-05
1145	37	0.04	0.02	-0.08	3.99e-04	3.04e-04	-2.95e-05
1145	39	-0.05	-0.02	-0.07	5.29e-04	7.31e-05	-4.01e-05
1145	50	0.02	4.53e-03	-0.09	4.12e-04	1.93e-04	-3.43e-05
1145	69	0.04	0.02	-0.08	4.04e-04	2.96e-04	-2.99e-05
1145	71	-0.05	-0.01	-0.07	5.23e-04	8.38e-05	-3.96e-05
1145	82	0.01	4.33e-03	-0.09	4.16e-04	1.94e-04	-3.43e-05
1146	5	0.09	0.04	-0.10	2.75e-04	3.85e-04	-1.91e-05
1146	7	-0.11	-0.04	-0.07	5.49e-04	-1.02e-04	-4.36e-05

1146	18	0.04	7.73e-03	-0.11	3.11e-04	1.52e-04	-2.30e-05
1146	37	0.04	0.02	-0.09	3.39e-04	2.71e-04	-2.49e-05
1146	39	-0.05	-0.02	-0.08	4.70e-04	3.89e-05	-3.67e-05
1146	50	0.02	4.94e-03	-0.10	3.58e-04	1.61e-04	-2.69e-05
1146	69	0.04	0.02	-0.09	3.44e-04	2.62e-04	-2.54e-05
1146	71	-0.05	-0.01	-0.08	4.64e-04	4.96e-05	-3.61e-05
1146	82	0.01	4.71e-03	-0.10	3.61e-04	1.61e-04	-2.72e-05
1147	5	0.10	0.05	-0.12	-1.13e-04	2.03e-04	1.24e-05
1147	7	-0.12	-0.04	-0.09	1.57e-04	-3.03e-04	-1.56e-05
1147	18	0.04	9.24e-03	-0.14	-7.54e-05	-2.10e-05	8.25e-06
1147	37	0.04	0.02	-0.12	-4.91e-05	8.17e-05	5.75e-06
1147	39	-0.06	-0.02	-0.10	8.00e-05	-1.60e-04	-7.59e-06
1147	50	0.02	5.84e-03	-0.12	-3.04e-05	-2.46e-05	3.71e-06
1147	69	0.04	0.02	-0.12	-4.42e-05	7.23e-05	5.24e-06
1147	71	-0.05	-0.02	-0.10	7.41e-05	-1.49e-04	-6.98e-06
1147	82	0.01	5.56e-03	-0.12	-2.71e-05	-2.50e-05	3.37e-06
1148	5	0.10	0.05	-0.11	-3.37e-04	1.03e-04	2.86e-05
1148	7	-0.12	-0.04	-0.09	-7.43e-05	-4.17e-04	1.88e-06
1148	18	0.04	9.58e-03	-0.13	-3.38e-04	-1.20e-04	2.71e-05
1148	37	0.05	0.03	-0.11	-2.79e-04	-2.31e-05	2.25e-05
1148	39	-0.06	-0.02	-0.10	-1.54e-04	-2.71e-04	9.76e-06
1148	50	0.02	5.93e-03	-0.12	-2.78e-04	-1.29e-04	2.17e-05
1148	69	0.04	0.02	-0.11	-2.74e-04	-3.28e-05	2.20e-05
1148	71	-0.06	-0.02	-0.10	-1.60e-04	-2.60e-04	1.04e-05
1148	82	0.02	5.64e-03	-0.12	-2.74e-04	-1.30e-04	2.13e-05
1149	5	0.11	0.05	-0.11	-4.44e-04	5.78e-05	3.31e-05
1149	7	-0.12	-0.04	-0.08	-1.86e-04	-4.70e-04	1.22e-05
1149	18	0.04	9.63e-03	-0.12	-4.65e-04	-1.65e-04	3.41e-05
1149	37	0.05	0.03	-0.10	-3.89e-04	-7.08e-05	2.86e-05
1149	39	-0.06	-0.02	-0.09	-2.66e-04	-3.23e-04	1.86e-05
1149	50	0.02	5.88e-03	-0.11	-3.98e-04	-1.77e-04	2.90e-05
1149	69	0.04	0.02	-0.10	-3.85e-04	-8.06e-05	2.82e-05
1149	71	-0.06	-0.02	-0.09	-2.72e-04	-1.91e-04	1.91e-05
1149	82	0.02	5.58e-03	-0.11	-3.93e-04	-1.78e-04	2.86e-05
1150	5	0.11	0.05	-0.09	-5.44e-04	1.93e-05	3.95e-05
1150	7	-0.13	-0.04	-0.07	-2.93e-04	-5.16e-04	1.83e-05
1150	18	0.05	9.62e-03	-0.10	-5.86e-04	-2.05e-04	4.00e-05
1150	37	0.05	0.03	-0.09	-4.93e-04	-1.11e-04	3.49e-05
1150	39	-0.06	-0.02	-0.08	-3.74e-04	-3.67e-04	2.47e-05
1150	50	0.02	5.77e-03	-0.09	-5.12e-04	-2.18e-04	3.50e-05
1150	69	0.05	0.02	-0.09	-4.89e-04	-1.21e-04	3.45e-05
1150	71	-0.06	-0.02	-0.08	-3.80e-04	-3.55e-04	2.52e-05
1150	82	0.02	5.46e-03	-0.09	-5.06e-04	-2.19e-04	3.46e-05
1151	5	0.10	0.05	-0.12	-2.27e-04	1.53e-04	1.93e-05
1151	7	-0.12	-0.04	-0.09	3.95e-05	-3.60e-04	-5.16e-06
1151	18	0.04	9.47e-03	-0.13	-2.08e-04	-7.03e-05	1.76e-05
1151	37	0.05	0.03	-0.11	-1.66e-04	2.89e-05	1.37e-05
1151	39	-0.06	-0.02	-0.10	-3.88e-05	-2.16e-04	2.02e-06
1151	50	0.02	5.93e-03	-0.12	-1.56e-04	-7.69e-05	1.28e-05
1151	69	0.04	0.02	-0.11	-1.61e-04	1.33e-05	1.33e-05
1151	71	-0.06	-0.02	-0.10	-4.48e-05	-2.05e-04	2.57e-06
1151	82	0.02	5.64e-03	-0.12	-1.52e-04	-7.76e-05	1.24e-05
1152	2	0.12	0.05	-0.09	-6.89e-04	-2.20e-06	5.79e-05
1152	5	0.11	0.05	-0.08	-6.25e-04	-5.35e-06	5.26e-05
1152	7	-0.13	-0.05	-0.05	-3.81e-04	-5.45e-04	2.89e-05
1152	34	0.06	0.02	-0.08	-6.07e-04	-1.35e-04	5.02e-05
1152	37	0.05	0.03	-0.08	-5.77e-04	-1.36e-04	4.78e-05
1152	39	-0.06	-0.02	-0.06	-4.61e-04	-3.94e-04	3.64e-05
1152	66	0.05	0.02	-0.08	-6.01e-04	-1.45e-04	4.96e-05
1152	69	0.05	0.02	-0.07	-5.73e-04	-1.46e-04	4.74e-05
1152	71	-0.06	-0.02	-0.06	-4.67e-04	-3.83e-04	3.70e-05
1153	2	0.13	0.05	-0.04	-7.92e-04	-2.42e-05	6.21e-05
1153	5	0.12	0.05	-0.04	-7.22e-04	-5.60e-05	5.70e-05
1153	6	0.13	0.05	-0.04	-7.88e-04	-2.25e-05	6.19e-05
1153	34	0.06	0.02	-0.03	-7.14e-04	-1.76e-04	5.17e-05
1153	37	0.06	0.03	-0.03	-6.81e-04	-1.91e-04	4.93e-05
1153	38	0.06	0.02	-0.03	-7.12e-04	-1.76e-04	5.16e-05
1153	66	0.06	0.02	-0.03	-7.08e-04	-1.88e-04	5.09e-05
1153	69	0.05	0.02	-0.03	-6.78e-04	-2.02e-04	4.87e-05
1153	70	0.06	0.02	-0.03	-7.06e-04	-1.87e-04	5.08e-05
1154	2	0.13	0.05	-0.05	-7.92e-04	-2.35e-05	6.28e-05
1154	5	0.12	0.06	-0.05	-7.21e-04	-2.02e-05	5.77e-05
1154	6	0.13	0.05	-0.05	-7.88e-04	1.37e-05	6.26e-05
1154	34	0.06	0.02	-0.04	-7.12e-04	-1.39e-04	5.55e-05
1154	37	0.06	0.03	-0.04	-6.79e-04	-1.54e-04	5.31e-05
1154	38	0.06	0.02	-0.04	-7.10e-04	-1.38e-04	5.54e-05
1154	66	0.06	0.02	-0.04	-7.06e-04	-1.51e-04	5.50e-05

1154	69	0.05	0.03	-0.04	-6.75e-04	-1.64e-04	5.28e-05
1154	70	0.06	0.02	-0.04	-7.04e-04	-1.50e-04	5.48e-05
1155	2	0.12	0.05	-0.07	-7.52e-04	-3.42e-05	6.24e-05
1155	5	0.11	0.06	-0.07	-6.84e-04	1.11e-06	5.52e-05
1155	7	-0.13	-0.05	-0.03	-4.47e-04	-5.42e-04	3.61e-05
1155	34	0.06	0.03	-0.06	-6.71e-04	-1.16e-04	5.54e-05
1155	37	0.05	0.03	-0.06	-6.39e-04	-1.32e-04	5.20e-05
1155	39	-0.06	-0.02	-0.04	-5.27e-04	-3.91e-04	4.30e-05
1155	66	0.05	0.02	-0.06	-6.65e-04	-1.28e-04	5.48e-05
1155	69	0.05	0.03	-0.06	-6.36e-04	-1.42e-04	5.18e-05
1155	71	-0.06	-0.02	-0.04	-5.33e-04	-3.80e-04	4.35e-05
1156	1	0.01	-7.40e-03	-0.07	-1.95e-04	1.41e-03	9.29e-06
1156	19	0.02	0.03	-0.07	-1.90e-04	1.30e-03	-6.97e-05
1156	29	0.02	0.02	-0.07	-2.04e-04	1.35e-03	-4.63e-05
1156	33	7.02e-03	-1.84e-03	-0.07	-1.76e-04	1.35e-03	-1.15e-05
1156	51	8.01e-03	0.02	-0.07	-1.74e-04	1.30e-03	-4.89e-05
1156	61	0.01	0.01	-0.07	-1.81e-04	1.32e-03	-3.78e-05
1156	65	6.59e-03	-1.41e-03	-0.07	-1.75e-04	1.35e-03	-1.31e-05
1156	83	7.49e-03	0.02	-0.07	-1.73e-04	1.30e-03	-4.74e-05
1156	93	9.38e-03	0.01	-0.07	-1.79e-04	1.32e-03	-3.72e-05
1157	1	0.01	-6.58e-03	-0.14	-2.11e-04	1.39e-03	2.02e-05
1157	19	0.02	0.03	-0.13	-2.04e-04	1.28e-03	-5.69e-05
1157	29	0.02	0.02	-0.14	-2.20e-04	1.29e-03	-3.47e-05
1157	33	7.20e-03	-1.95e-03	-0.14	-1.91e-04	1.33e-03	0.0
1157	51	8.17e-03	0.02	-0.13	-1.88e-04	1.28e-03	-3.66e-05
1157	61	0.01	0.01	-0.13	-1.95e-04	1.29e-03	-2.60e-05
1157	65	6.77e-03	-1.59e-03	-0.14	-1.90e-04	1.33e-03	-1.52e-06
1157	83	7.65e-03	0.01	-0.13	-1.87e-04	1.28e-03	-3.51e-05
1157	93	9.55e-03	0.01	-0.13	-1.93e-04	1.29e-03	-2.53e-05
1158	1	0.01	-5.53e-03	-0.20	-1.97e-04	1.19e-03	2.55e-05
1158	19	0.02	0.03	-0.19	-1.89e-04	1.09e-03	-5.20e-05
1158	29	0.02	0.02	-0.20	-2.04e-04	1.10e-03	-3.03e-05
1158	33	7.34e-03	-1.79e-03	-0.20	-1.75e-04	1.14e-03	5.72e-06
1158	51	8.28e-03	0.01	-0.19	-1.72e-04	1.10e-03	-3.11e-05
1158	61	0.01	0.01	-0.19	-1.79e-04	1.10e-03	-2.07e-05
1158	65	6.90e-03	-1.50e-03	-0.20	-1.74e-04	1.14e-03	4.19e-06
1158	83	7.76e-03	0.01	-0.19	-1.70e-04	1.10e-03	-2.95e-05
1158	93	9.67e-03	0.01	-0.19	-1.77e-04	1.10e-03	-2.00e-05
1159	1	0.01	-4.34e-03	-0.25	-1.73e-04	8.57e-04	2.89e-05
1159	19	0.02	0.03	-0.23	-1.65e-04	7.91e-04	-4.99e-05
1159	29	0.02	0.02	-0.24	-1.81e-04	7.91e-04	-2.84e-05
1159	33	7.46e-03	-1.47e-03	-0.24	-1.51e-04	8.23e-04	9.59e-06
1159	51	8.36e-03	0.01	-0.24	-1.47e-04	7.91e-04	-2.78e-05
1159	61	0.01	0.01	-0.24	-1.54e-04	7.92e-04	-1.76e-05
1159	65	7.01e-03	-1.24e-03	-0.24	-1.49e-04	8.20e-04	8.10e-06
1159	83	7.84e-03	0.01	-0.24	-1.46e-04	7.91e-04	-2.61e-05
1159	93	9.76e-03	9.29e-03	-0.24	-1.52e-04	7.92e-04	-1.68e-05
1160	1	0.01	-3.07e-03	-0.29	-1.50e-04	3.76e-04	3.15e-05
1160	19	0.02	0.02	-0.26	-1.42e-04	4.35e-04	-4.91e-05
1160	29	0.02	0.02	-0.27	-1.58e-04	3.82e-04	-2.77e-05
1160	33	7.55e-03	-1.01e-03	-0.28	-1.27e-04	3.92e-04	1.29e-05
1160	51	8.43e-03	0.01	-0.26	-1.23e-04	4.20e-04	-2.54e-05
1160	61	0.01	9.25e-03	-0.27	-1.31e-04	3.95e-04	-1.52e-05
1160	65	7.11e-03	-8.44e-04	-0.27	-1.25e-04	3.94e-04	1.14e-05
1160	83	7.91e-03	0.01	-0.26	-1.22e-04	4.19e-04	-2.36e-05
1160	93	9.84e-03	8.54e-03	-0.27	-1.29e-04	3.96e-04	-1.43e-05
1161	1	0.01	-1.76e-03	-0.30	-1.32e-04	-3.05e-05	3.37e-05
1161	19	0.02	0.02	-0.27	-1.24e-04	7.95e-06	-4.91e-05
1161	29	0.02	0.02	-0.28	-1.40e-04	-4.05e-05	-2.76e-05
1161	33	7.62e-03	-4.32e-04	-0.29	-1.09e-04	-2.31e-05	1.57e-05
1161	51	8.47e-03	0.01	-0.27	-1.05e-04	-5.77e-06	-2.35e-05
1161	61	0.01	0.01	-0.28	-1.13e-04	-2.77e-05	-1.33e-05
1161	65	7.18e-03	-3.28e-04	-0.28	-1.07e-04	-2.26e-05	1.43e-05
1161	83	7.95e-03	1.00e-02	-0.27	-1.04e-04	-6.74e-06	-2.16e-05
1161	93	9.89e-03	9.30e-03	-0.28	-1.11e-04	-2.68e-05	-1.22e-05
1162	1	0.01	0.01	-0.29	-1.23e-04	-4.66e-04	3.54e-05
1162	17	0.02	0.02	-0.27	-1.32e-04	-4.29e-04	-2.28e-05
1162	29	0.02	0.02	-0.27	-1.30e-04	-4.30e-04	-2.78e-05
1162	33	7.68e-03	6.34e-03	-0.27	-9.90e-05	-4.52e-04	1.82e-05
1162	49	0.01	9.82e-03	-0.27	-1.04e-04	-4.34e-04	-9.26e-06
1162	61	0.01	9.14e-03	-0.27	-1.03e-04	-4.35e-04	-1.17e-05
1162	65	7.23e-03	5.88e-03	-0.27	-9.73e-05	-4.50e-04	1.69e-05
1162	81	9.72e-03	9.07e-03	-0.27	-1.02e-04	-4.34e-04	-8.28e-06
1162	93	9.92e-03	8.44e-03	-0.27	-1.01e-04	-4.35e-04	-1.05e-05
1163	1	0.01	0.01	-0.25	-1.23e-04	-3.67e-04	3.67e-05
1163	17	0.02	0.02	-0.24	-1.32e-04	-8.13e-04	-2.38e-05
1163	29	0.02	0.02	-0.24	-1.30e-04	-8.14e-04	-2.83e-05

1163	33	7.72e-03	5.54e-03	-0.24	-9.93e-05	-8.41e-04	2.03e-05
1163	49	0.01	8.90e-03	-0.24	-1.04e-04	-8.15e-04	-8.21e-06
1163	61	0.01	8.31e-03	-0.24	-1.03e-04	-8.16e-04	-1.04e-05
1163	65	7.27e-03	5.16e-03	-0.24	-9.77e-05	-8.39e-04	1.91e-05
1163	81	9.75e-03	8.24e-03	-0.24	-1.02e-04	-8.15e-04	-7.08e-06
1163	93	9.94e-03	7.70e-03	-0.24	-1.01e-04	-8.16e-04	-9.07e-06
1164	1	0.01	9.43e-03	-0.20	-1.34e-04	-1.18e-03	3.76e-05
1164	17	0.02	0.02	-0.19	-1.44e-04	-1.11e-03	-2.50e-05
1164	29	0.02	0.01	-0.19	-1.41e-04	-1.11e-03	-2.89e-05
1164	33	7.75e-03	5.12e-03	-0.19	-1.11e-04	-1.14e-03	2.20e-05
1164	49	0.01	8.11e-03	-0.19	-1.16e-04	-1.11e-03	-7.46e-06
1164	61	0.01	7.62e-03	-0.19	-1.15e-04	-1.11e-03	-9.35e-06
1164	65	7.30e-03	4.80e-03	-0.19	-1.10e-04	-1.14e-03	2.08e-05
1164	81	9.76e-03	7.54e-03	-0.19	-1.14e-04	-1.11e-03	-6.19e-06
1164	93	9.95e-03	7.09e-03	-0.19	-1.13e-04	-1.11e-03	-7.92e-06
1165	1	0.01	9.17e-03	-0.14	-1.58e-04	-1.36e-03	3.75e-05
1165	17	0.02	0.01	-0.13	-1.67e-04	-1.28e-03	-2.66e-05
1165	25	0.02	0.01	-0.13	-1.65e-04	-1.28e-03	-2.59e-05
1165	33	7.76e-03	5.24e-03	-0.13	-1.36e-04	-1.32e-03	2.27e-05
1165	49	0.01	7.49e-03	-0.13	-1.40e-04	-1.28e-03	-7.47e-06
1165	57	0.01	7.09e-03	-0.13	-1.39e-04	-1.28e-03	-7.16e-06
1165	65	7.31e-03	4.95e-03	-0.13	-1.34e-04	-1.32e-03	2.16e-05
1165	81	9.77e-03	7.01e-03	-0.13	-1.38e-04	-1.28e-03	-6.08e-06
1165	89	9.96e-03	6.65e-03	-0.13	-1.37e-04	-1.28e-03	-5.79e-06
1166	1	0.01	9.83e-03	-0.07	-1.91e-04	-1.36e-03	3.47e-05
1166	17	0.02	0.01	-0.07	-1.99e-04	-1.28e-03	-3.07e-05
1166	25	0.02	0.01	-0.07	-1.97e-04	-1.28e-03	-2.95e-05
1166	33	7.77e-03	5.84e-03	-0.07	-1.69e-04	-1.32e-03	2.07e-05
1166	49	0.01	7.02e-03	-0.07	-1.73e-04	-1.28e-03	-1.01e-05
1166	57	0.01	6.65e-03	-0.07	-1.72e-04	-1.28e-03	-9.57e-06
1166	65	7.32e-03	5.55e-03	-0.07	-1.68e-04	-1.32e-03	1.96e-05
1166	81	9.77e-03	6.63e-03	-0.07	-1.71e-04	-1.28e-03	-8.63e-06
1166	89	9.96e-03	6.29e-03	-0.07	-1.70e-04	-1.28e-03	-8.12e-06
1167	19	0.02	0.04	-0.03	-2.98e-04	1.30e-03	0.0
1167	25	0.02	0.02	-0.03	-3.17e-04	1.36e-03	0.0
1167	51	0.01	0.02	-0.03	-2.82e-04	1.31e-03	0.0
1167	57	0.01	0.01	-0.03	-2.91e-04	1.33e-03	0.0
1167	83	0.01	0.02	-0.03	-2.81e-04	1.31e-03	0.0
1167	89	0.01	0.01	-0.03	-2.89e-04	1.33e-03	0.0
1168	5	0.02	-7.35e-03	-0.10	-3.18e-04	1.40e-03	0.0
1168	19	0.02	0.03	-0.09	-3.05e-04	1.30e-03	0.0
1168	25	0.02	0.02	-0.10	-3.24e-04	1.32e-03	0.0
1168	37	0.01	-1.74e-03	-0.10	-2.95e-04	1.35e-03	0.0
1168	51	0.01	0.02	-0.09	-2.89e-04	1.31e-03	0.0
1168	57	0.01	0.01	-0.10	-2.97e-04	1.31e-03	0.0
1168	69	0.01	-1.30e-03	-0.10	-2.93e-04	1.35e-03	0.0
1168	83	0.01	0.02	-0.09	-2.87e-04	1.31e-03	0.0
1168	89	0.01	0.01	-0.10	-2.96e-04	1.31e-03	0.0
1169	5	0.02	-6.55e-03	-0.17	-3.22e-04	1.33e-03	0.0
1169	19	0.02	0.03	-0.16	-3.08e-04	1.24e-03	0.0
1169	25	0.02	0.02	-0.16	-3.27e-04	1.25e-03	0.0
1169	37	0.01	-1.86e-03	-0.16	-2.98e-04	1.28e-03	0.0
1169	51	0.01	0.02	-0.16	-2.91e-04	1.24e-03	0.0
1169	57	0.01	0.01	-0.16	-3.00e-04	1.25e-03	0.0
1169	69	0.01	-1.49e-03	-0.16	-2.96e-04	1.28e-03	0.0
1169	83	0.01	0.01	-0.16	-2.90e-04	1.24e-03	0.0
1169	89	0.01	0.01	-0.16	-2.98e-04	1.25e-03	0.0
1170	5	0.02	-5.59e-03	-0.23	-3.21e-04	1.13e-03	0.0
1170	19	0.02	0.03	-0.21	-3.06e-04	1.01e-03	0.0
1170	25	0.02	0.02	-0.22	-3.26e-04	1.06e-03	0.0
1170	37	0.01	-1.78e-03	-0.22	-2.96e-04	1.09e-03	0.0
1170	51	0.01	0.01	-0.21	-2.90e-04	1.03e-03	0.0
1170	57	0.01	0.01	-0.22	-2.99e-04	1.06e-03	0.0
1170	69	9.85e-03	-1.48e-03	-0.22	-2.95e-04	1.09e-03	0.0
1170	83	9.76e-03	0.01	-0.21	-2.88e-04	1.03e-03	0.0
1170	89	0.01	9.58e-03	-0.22	-2.97e-04	1.06e-03	0.0
1171	5	0.02	-4.46e-03	-0.28	-3.18e-04	8.00e-04	0.0
1171	19	0.02	0.03	-0.25	-3.02e-04	7.11e-04	0.0
1171	25	0.02	0.02	-0.27	-3.23e-04	7.47e-04	0.0
1171	37	0.01	-1.49e-03	-0.27	-2.92e-04	7.72e-04	0.0
1171	51	0.01	0.01	-0.26	-2.85e-04	7.30e-04	0.0
1171	57	0.01	9.48e-03	-0.26	-2.95e-04	7.47e-04	0.0
1171	69	9.58e-03	-1.26e-03	-0.26	-2.90e-04	7.70e-04	0.0
1171	83	9.52e-03	0.01	-0.26	-2.84e-04	7.32e-04	0.0
1171	89	0.01	8.79e-03	-0.26	-2.93e-04	7.47e-04	0.0
1172	5	0.02	-3.23e-03	-0.31	-3.09e-04	3.22e-04	0.0
1172	19	0.02	0.02	-0.28	-2.94e-04	3.93e-04	0.0

1172	25	0.02	0.02	-0.29	-3.15e-04	3.33e-04	0.0
1172	37	9.95e-03	-1.05e-03	-0.29	-2.84e-04	3.44e-04	0.0
1172	51	9.92e-03	0.01	-0.28	-2.76e-04	3.76e-04	0.0
1172	57	0.01	8.78e-03	-0.29	-2.86e-04	3.49e-04	0.0
1172	69	9.34e-03	-8.80e-04	-0.29	-2.82e-04	3.45e-04	0.0
1172	83	9.31e-03	0.01	-0.28	-2.75e-04	3.75e-04	0.0
1172	89	0.01	8.12e-03	-0.29	-2.84e-04	3.50e-04	0.0
1173	1	0.02	-1.71e-03	-0.31	-2.95e-04	-7.32e-05	0.0
1173	19	0.02	0.02	-0.29	-2.80e-04	-3.06e-05	0.0
1173	25	0.02	0.02	-0.30	-3.00e-04	-8.51e-05	0.0
1173	33	9.65e-03	-3.84e-04	-0.30	-2.69e-04	-6.52e-05	0.0
1173	51	9.75e-03	0.01	-0.29	-2.62e-04	-4.59e-05	0.0
1173	57	0.01	8.17e-03	-0.30	-2.71e-04	-7.06e-05	0.0
1173	65	9.05e-03	-2.79e-04	-0.30	-2.67e-04	-6.46e-05	0.0
1173	83	9.13e-03	0.01	-0.29	-2.60e-04	-4.70e-05	0.0
1173	89	0.01	7.56e-03	-0.30	-2.69e-04	-6.96e-05	0.0
1174	1	0.02	0.01	-0.30	-2.75e-04	-5.03e-04	0.0
1174	17	0.02	0.02	-0.29	-2.81e-04	-4.63e-04	0.0
1174	25	0.02	0.02	-0.29	-2.80e-04	-4.65e-04	0.0
1174	33	9.45e-03	6.38e-03	-0.29	-2.48e-04	-4.88e-04	0.0
1174	49	0.01	9.86e-03	-0.28	-2.51e-04	-4.69e-04	0.0
1174	57	0.01	9.46e-03	-0.28	-2.51e-04	-4.70e-04	0.0
1174	65	8.84e-03	5.92e-03	-0.29	-2.46e-04	-4.87e-04	0.0
1174	81	0.01	9.10e-03	-0.28	-2.49e-04	-4.69e-04	0.0
1174	89	0.01	8.74e-03	-0.28	-2.48e-04	-4.70e-04	0.0
1175	1	0.02	0.01	-0.27	-2.49e-04	-8.92e-04	0.0
1175	17	0.02	0.02	-0.26	-2.56e-04	-8.37e-04	0.0
1175	25	0.02	0.02	-0.26	-2.54e-04	-8.39e-04	0.0
1175	33	9.27e-03	5.58e-03	-0.26	-2.24e-04	-8.65e-04	0.0
1175	49	0.01	8.93e-03	-0.25	-2.27e-04	-8.39e-04	0.0
1175	57	0.01	8.52e-03	-0.25	-2.26e-04	-8.40e-04	0.0
1175	65	8.65e-03	5.20e-03	-0.26	-2.22e-04	-8.63e-04	0.0
1175	81	0.01	8.27e-03	-0.25	-2.24e-04	-8.39e-04	0.0
1175	89	0.01	7.89e-03	-0.25	-2.24e-04	-8.40e-04	0.0
1176	1	0.02	9.44e-03	-0.22	-2.23e-04	-1.19e-03	0.0
1176	17	0.02	0.02	-0.21	-2.30e-04	-1.12e-03	0.0
1176	25	0.02	0.01	-0.21	-2.28e-04	-1.12e-03	0.0
1176	33	9.10e-03	5.15e-03	-0.21	-1.98e-04	-1.15e-03	0.0
1176	49	0.01	8.12e-03	-0.20	-2.01e-04	-1.12e-03	0.0
1176	57	0.01	7.71e-03	-0.20	-2.00e-04	-1.12e-03	0.0
1176	65	8.47e-03	4.83e-03	-0.21	-1.96e-04	-1.15e-03	0.0
1176	81	0.01	7.56e-03	-0.20	-1.99e-04	-1.12e-03	0.0
1176	89	0.01	7.18e-03	-0.20	-1.98e-04	-1.12e-03	0.0
1177	1	0.02	9.15e-03	-0.16	-1.99e-04	-1.34e-03	0.0
1177	17	0.02	0.01	-0.15	-2.06e-04	-1.26e-03	0.0
1177	25	0.02	0.01	-0.15	-2.04e-04	-1.26e-03	0.0
1177	33	8.92e-03	5.24e-03	-0.15	-1.75e-04	-1.30e-03	0.0
1177	49	0.01	7.49e-03	-0.15	-1.78e-04	-1.26e-03	0.0
1177	57	0.01	7.09e-03	-0.15	-1.77e-04	-1.26e-03	0.0
1177	65	8.29e-03	4.95e-03	-0.15	-1.73e-04	-1.30e-03	0.0
1177	81	0.01	7.01e-03	-0.15	-1.76e-04	-1.26e-03	0.0
1177	89	0.01	6.64e-03	-0.15	-1.75e-04	-1.26e-03	0.0
1178	1	0.02	9.82e-03	-0.09	-1.78e-04	-1.31e-03	0.0
1178	17	0.02	0.01	-0.09	-1.86e-04	-1.23e-03	0.0
1178	25	0.02	0.01	-0.09	-1.83e-04	-1.23e-03	0.0
1178	33	8.70e-03	5.84e-03	-0.09	-1.55e-04	-1.27e-03	0.0
1178	49	0.01	7.03e-03	-0.09	-1.59e-04	-1.23e-03	0.0
1178	57	0.01	6.66e-03	-0.09	-1.58e-04	-1.24e-03	0.0
1178	65	8.07e-03	5.54e-03	-0.09	-1.54e-04	-1.27e-03	0.0
1178	81	0.01	6.63e-03	-0.09	-1.57e-04	-1.23e-03	0.0
1178	89	0.01	6.29e-03	-0.09	-1.56e-04	-1.24e-03	0.0
1179	17	0.02	0.01	-0.03	-1.49e-04	-1.05e-03	0.0
1179	25	0.02	0.01	-0.03	-1.46e-04	-1.05e-03	0.0
1179	33	8.39e-03	6.85e-03	-0.03	-1.20e-04	-1.10e-03	0.0
1179	49	0.01	6.84e-03	-0.03	-1.23e-04	-1.06e-03	0.0
1179	57	0.01	6.50e-03	-0.03	-1.22e-04	-1.06e-03	0.0
1179	65	7.76e-03	6.53e-03	-0.03	-1.18e-04	-1.09e-03	0.0
1179	81	0.01	6.51e-03	-0.03	-1.22e-04	-1.06e-03	0.0
1179	89	0.01	6.20e-03	-0.03	-1.20e-04	-1.06e-03	0.0
1180	1	0.02	0.02	0.05	-2.23e-05	-7.08e-04	0.0
1180	20	-0.02	8.17e-05	0.08	5.78e-05	-8.51e-04	0.0
1180	25	0.02	1.00e-02	0.05	-2.66e-05	-7.25e-04	0.0
1180	33	8.08e-03	9.93e-03	0.06	-2.64e-06	-7.49e-04	0.0
1180	52	-0.01	2.79e-03	0.07	3.41e-05	-8.17e-04	0.0
1180	57	0.01	7.46e-03	0.06	-4.62e-06	-7.58e-04	0.0
1180	65	7.45e-03	9.53e-03	0.06	-1.23e-06	-7.53e-04	0.0
1180	84	-9.21e-03	2.99e-03	0.07	3.24e-05	-8.14e-04	0.0

1180	89	0.01	7.27e-03	0.06	-3.04e-06	-7.60e-04	0.0
1181	1	0.02	0.01	4.75e-04	-9.58e-05	-8.34e-04	0.0
1181	20	-0.02	-3.29e-03	0.02	-1.14e-05	-9.84e-04	0.0
1181	25	0.02	9.96e-03	-9.24e-04	-1.00e-04	-8.57e-04	0.0
1181	33	8.19e-03	7.78e-03	4.38e-03	-7.50e-05	-8.79e-04	0.0
1181	52	-0.01	4.11e-04	0.01	-3.63e-05	-9.50e-04	0.0
1181	57	0.01	6.62e-03	3.74e-03	-7.72e-05	-8.91e-04	0.0
1181	65	7.56e-03	7.44e-03	4.66e-03	-7.35e-05	-8.82e-04	0.0
1181	84	-9.12e-03	6.87e-04	0.01	-3.81e-05	-9.47e-04	0.0
1181	89	0.01	6.37e-03	4.08e-03	-7.55e-05	-8.93e-04	0.0
1182	1	0.02	0.01	0.03	-4.62e-05	-7.37e-04	0.0
1182	20	-0.02	-1.42e-03	0.05	3.54e-05	-8.82e-04	0.0
1182	25	0.02	9.72e-03	0.03	-5.07e-05	-7.55e-04	0.0
1182	33	8.09e-03	8.84e-03	0.03	-2.62e-05	-7.79e-04	0.0
1182	52	-0.01	1.69e-03	0.04	1.13e-05	-8.48e-04	0.0
1182	57	0.01	6.93e-03	0.03	-2.82e-05	-7.88e-04	0.0
1182	65	7.46e-03	8.47e-03	0.03	-2.47e-05	-7.83e-04	0.0
1182	84	-9.21e-03	1.92e-03	0.04	9.52e-06	-8.45e-04	0.0
1182	89	0.01	6.72e-03	0.03	-2.66e-05	-7.91e-04	0.0
1183	19	0.02	0.04	-0.01	-2.33e-04	1.26e-03	0.0
1183	21	0.02	0.03	-0.01	-2.50e-04	1.32e-03	0.0
1183	25	0.02	0.02	-0.01	-2.50e-04	1.32e-03	0.0
1183	51	9.58e-03	0.02	-0.01	-2.17e-04	1.26e-03	0.0
1183	53	0.01	0.01	-0.01	-2.24e-04	1.29e-03	0.0
1183	57	0.01	0.01	-0.01	-2.25e-04	1.29e-03	0.0
1183	83	9.04e-03	0.02	-0.01	-2.16e-04	1.26e-03	0.0
1183	85	0.01	0.01	-0.01	-2.23e-04	1.29e-03	0.0
1183	89	0.01	0.01	-0.01	-2.23e-04	1.29e-03	0.0
1184	19	0.02	0.04	-0.02	-2.88e-04	1.30e-03	0.0
1184	21	0.02	0.03	-0.02	-3.06e-04	1.35e-03	0.0
1184	25	0.02	0.02	-0.02	-3.06e-04	1.36e-03	0.0
1184	51	0.01	0.02	-0.02	-2.72e-04	1.30e-03	0.0
1184	53	0.01	0.01	-0.02	-2.80e-04	1.33e-03	0.0
1184	57	0.01	0.01	-0.02	-2.80e-04	1.33e-03	0.0
1184	83	9.45e-03	0.02	-0.02	-2.70e-04	1.30e-03	0.0
1184	85	0.01	0.01	-0.02	-2.78e-04	1.33e-03	0.0
1184	89	0.01	0.01	-0.02	-2.78e-04	1.33e-03	0.0
1185	5	0.02	-7.76e-03	-0.07	-3.13e-04	1.42e-03	0.0
1185	19	0.02	0.04	-0.06	-3.01e-04	1.31e-03	0.0
1185	25	0.02	0.02	-0.07	-3.20e-04	1.36e-03	0.0
1185	37	0.01	-1.69e-03	-0.06	-2.90e-04	1.36e-03	0.0
1185	51	0.01	0.02	-0.06	-2.84e-04	1.31e-03	0.0
1185	57	0.01	0.01	-0.06	-2.93e-04	1.34e-03	0.0
1185	69	0.01	-1.21e-03	-0.06	-2.89e-04	1.36e-03	0.0
1185	83	0.01	0.02	-0.06	-2.83e-04	1.31e-03	0.0
1185	89	0.01	0.01	-0.06	-2.91e-04	1.33e-03	0.0
1186	5	0.02	-6.96e-03	-0.13	-3.21e-04	1.38e-03	0.0
1186	19	0.02	0.03	-0.13	-3.07e-04	1.28e-03	0.0
1186	25	0.02	0.02	-0.13	-3.26e-04	1.30e-03	0.0
1186	37	0.01	-1.81e-03	-0.13	-2.97e-04	1.33e-03	0.0
1186	51	0.01	0.02	-0.12	-2.91e-04	1.29e-03	0.0
1186	57	0.01	0.01	-0.13	-3.00e-04	1.29e-03	0.0
1186	69	0.01	-1.41e-03	-0.13	-2.96e-04	1.33e-03	0.0
1186	83	0.01	0.02	-0.12	-2.90e-04	1.29e-03	0.0
1186	89	0.01	0.01	-0.13	-2.98e-04	1.29e-03	0.0
1187	5	0.02	-6.09e-03	-0.20	-3.22e-04	1.25e-03	0.0
1187	19	0.02	0.03	-0.18	-3.07e-04	1.16e-03	0.0
1187	25	0.02	0.02	-0.19	-3.27e-04	1.17e-03	0.0
1187	37	0.01	-1.84e-03	-0.19	-2.97e-04	1.20e-03	0.0
1187	51	0.01	0.02	-0.18	-2.91e-04	1.16e-03	0.0
1187	57	0.01	0.01	-0.19	-3.00e-04	1.17e-03	0.0
1187	69	9.98e-03	-1.51e-03	-0.19	-2.96e-04	1.20e-03	0.0
1187	83	9.89e-03	0.01	-0.18	-2.90e-04	1.16e-03	0.0
1187	89	0.01	0.01	-0.19	-2.98e-04	1.17e-03	0.0
1188	5	0.02	-5.04e-03	-0.25	-3.20e-04	9.76e-04	0.0
1188	19	0.02	0.03	-0.23	-3.05e-04	8.74e-04	0.0
1188	25	0.02	0.02	-0.25	-3.25e-04	9.16e-04	0.0
1188	37	0.01	-1.66e-03	-0.24	-2.95e-04	9.43e-04	0.0
1188	51	0.01	0.01	-0.24	-2.88e-04	8.94e-04	0.0
1188	57	0.01	9.87e-03	-0.24	-2.97e-04	9.14e-04	0.0
1188	69	9.71e-03	-1.39e-03	-0.24	-2.93e-04	9.40e-04	0.0
1188	83	9.63e-03	0.01	-0.24	-2.87e-04	8.96e-04	0.0
1188	89	0.01	9.17e-03	-0.24	-2.95e-04	9.14e-04	0.0
1189	5	0.02	-3.86e-03	-0.29	-3.14e-04	6.03e-04	0.0
1189	19	0.02	0.03	-0.27	-2.99e-04	5.29e-04	0.0
1189	25	0.02	0.02	-0.28	-3.19e-04	5.58e-04	0.0
1189	37	0.01	-1.29e-03	-0.28	-2.89e-04	5.81e-04	0.0

1189	51	0.01	0.01	-0.27	-2.81e-04	5.47e-04	0.0
1189	57	0.01	9.12e-03	-0.28	-2.91e-04	5.60e-04	0.0
1189	69	9.46e-03	-1.09e-03	-0.28	-2.87e-04	5.80e-04	0.0
1189	83	9.41e-03	0.01	-0.27	-2.80e-04	5.48e-04	0.0
1189	89	0.01	8.44e-03	-0.28	-2.89e-04	5.60e-04	0.0
1190	5	0.02	-2.59e-03	-0.31	-3.03e-04	1.23e-04	0.0
1190	19	0.02	0.02	-0.29	-2.88e-04	1.82e-04	0.0
1190	25	0.02	0.02	-0.30	-3.08e-04	1.27e-04	0.0
1190	37	9.84e-03	-7.84e-04	-0.30	-2.77e-04	1.40e-04	0.0
1190	51	9.83e-03	0.01	-0.29	-2.70e-04	1.67e-04	0.0
1190	57	0.01	8.47e-03	-0.30	-2.79e-04	1.41e-04	0.0
1190	69	9.23e-03	-6.42e-04	-0.30	-2.75e-04	1.41e-04	0.0
1190	83	9.22e-03	0.01	-0.29	-2.68e-04	1.66e-04	0.0
1190	89	0.01	7.83e-03	-0.29	-2.77e-04	1.42e-04	0.0
1191	1	0.02	0.01	-0.31	-2.86e-04	-2.89e-04	0.0
1191	17	0.02	0.02	-0.30	-2.92e-04	-2.56e-04	0.0
1191	25	0.02	0.02	-0.30	-2.91e-04	-2.97e-04	0.0
1191	33	9.55e-03	6.88e-03	-0.30	-2.59e-04	-2.79e-04	0.0
1191	49	0.01	0.01	-0.29	-2.62e-04	-2.63e-04	0.0
1191	57	0.01	9.98e-03	-0.29	-2.61e-04	-2.82e-04	0.0
1191	65	8.94e-03	6.37e-03	-0.30	-2.57e-04	-2.78e-04	0.0
1191	81	0.01	9.55e-03	-0.29	-2.60e-04	-2.64e-04	0.0
1191	89	0.01	9.21e-03	-0.29	-2.59e-04	-2.81e-04	0.0
1192	1	0.02	0.01	-0.29	-2.62e-04	-7.07e-04	0.0
1192	17	0.02	0.02	-0.28	-2.69e-04	-6.59e-04	0.0
1192	25	0.02	0.02	-0.28	-2.67e-04	-6.61e-04	0.0
1192	33	9.36e-03	5.94e-03	-0.28	-2.36e-04	-6.85e-04	0.0
1192	49	0.01	9.38e-03	-0.27	-2.39e-04	-6.63e-04	0.0
1192	57	0.01	8.98e-03	-0.27	-2.39e-04	-6.64e-04	0.0
1192	65	8.74e-03	5.53e-03	-0.27	-2.34e-04	-6.84e-04	0.0
1192	81	0.01	8.67e-03	-0.27	-2.37e-04	-6.63e-04	0.0
1192	89	0.01	8.30e-03	-0.27	-2.36e-04	-6.64e-04	0.0
1193	1	0.02	9.97e-03	-0.25	-2.36e-04	-1.05e-03	0.0
1193	17	0.02	0.02	-0.24	-2.43e-04	-9.91e-04	0.0
1193	25	0.02	0.02	-0.24	-2.41e-04	-9.94e-04	0.0
1193	33	9.18e-03	5.31e-03	-0.23	-2.10e-04	-1.02e-03	0.0
1193	49	0.01	8.51e-03	-0.23	-2.14e-04	-9.92e-04	0.0
1193	57	0.01	8.10e-03	-0.23	-2.13e-04	-9.93e-04	0.0
1193	65	8.56e-03	4.96e-03	-0.23	-2.09e-04	-1.02e-03	0.0
1193	81	0.01	7.89e-03	-0.23	-2.11e-04	-9.93e-04	0.0
1193	89	0.01	7.52e-03	-0.23	-2.11e-04	-9.93e-04	0.0
1194	1	0.02	9.16e-03	-0.19	-2.10e-04	-1.28e-03	0.0
1194	17	0.02	0.01	-0.18	-2.17e-04	-1.21e-03	0.0
1194	25	0.02	0.01	-0.18	-2.15e-04	-1.21e-03	0.0
1194	33	9.01e-03	5.12e-03	-0.18	-1.86e-04	-1.24e-03	0.0
1194	49	0.01	7.78e-03	-0.18	-1.89e-04	-1.21e-03	0.0
1194	57	0.01	7.38e-03	-0.18	-1.88e-04	-1.21e-03	0.0
1194	65	8.38e-03	4.82e-03	-0.18	-1.84e-04	-1.24e-03	0.0
1194	81	0.01	7.26e-03	-0.18	-1.87e-04	-1.21e-03	0.0
1194	89	0.01	6.89e-03	-0.18	-1.86e-04	-1.21e-03	0.0
1195	1	0.02	9.39e-03	-0.12	-1.89e-04	-1.35e-03	0.0
1195	17	0.02	0.01	-0.12	-1.96e-04	-1.27e-03	0.0
1195	25	0.02	0.01	-0.12	-1.94e-04	-1.27e-03	0.0
1195	33	8.82e-03	5.49e-03	-0.12	-1.65e-04	-1.31e-03	0.0
1195	49	0.01	7.23e-03	-0.12	-1.69e-04	-1.27e-03	0.0
1195	57	0.01	6.85e-03	-0.12	-1.67e-04	-1.27e-03	0.0
1195	65	8.19e-03	5.20e-03	-0.12	-1.63e-04	-1.31e-03	0.0
1195	81	0.01	6.79e-03	-0.12	-1.67e-04	-1.27e-03	0.0
1195	89	0.01	6.44e-03	-0.12	-1.66e-04	-1.27e-03	0.0
1196	1	0.02	0.01	-0.06	-1.64e-04	-1.24e-03	0.0
1196	17	0.02	0.01	-0.06	-1.72e-04	-1.15e-03	0.0
1196	25	0.02	0.01	-0.06	-1.69e-04	-1.15e-03	0.0
1196	33	8.55e-03	6.30e-03	-0.06	-1.42e-04	-1.20e-03	0.0
1196	49	0.01	6.89e-03	-0.06	-1.45e-04	-1.16e-03	0.0
1196	57	0.01	6.53e-03	-0.06	-1.44e-04	-1.16e-03	0.0
1196	65	7.92e-03	5.99e-03	-0.06	-1.40e-04	-1.20e-03	0.0
1196	81	0.01	6.53e-03	-0.06	-1.43e-04	-1.16e-03	0.0
1196	89	0.01	6.20e-03	-0.06	-1.42e-04	-1.16e-03	0.0
1197	1	0.02	0.02	0.05	1.42e-06	-6.81e-04	0.0
1197	20	-0.02	8.80e-05	0.07	7.93e-05	-8.23e-04	0.0
1197	25	0.02	0.01	0.05	-2.59e-06	-6.97e-04	0.0
1197	33	8.06e-03	9.94e-03	0.06	2.05e-05	-7.22e-04	0.0
1197	52	-8.51e-03	2.80e-03	0.07	5.63e-05	-7.89e-04	0.0
1197	57	0.01	7.46e-03	0.06	1.87e-05	-7.30e-04	0.0
1197	65	7.49e-03	9.54e-03	0.06	2.19e-05	-7.25e-04	0.0
1197	84	-7.68e-03	3.00e-03	0.07	5.46e-05	-7.86e-04	0.0
1197	89	0.01	7.27e-03	0.06	2.02e-05	-7.32e-04	0.0

1198	1	0.01	0.02	0.05	7.46e-05	-6.16e-04	0.0
1198	20	-0.02	1.68e-04	0.07	1.46e-04	-7.52e-04	0.0
1198	25	0.02	0.01	0.05	7.15e-05	-6.27e-04	0.0
1198	33	8.03e-03	0.01	0.06	9.23e-05	-6.54e-04	0.0
1198	52	-6.94e-03	2.89e-03	0.06	1.25e-04	-7.18e-04	0.0
1198	57	0.01	7.56e-03	0.06	9.08e-05	-6.60e-04	0.0
1198	65	7.52e-03	9.62e-03	0.06	9.35e-05	-6.57e-04	0.0
1198	84	-6.19e-03	3.09e-03	0.06	1.24e-04	-7.16e-04	0.0
1198	89	0.01	7.37e-03	0.06	9.22e-05	-6.62e-04	0.0
1199	1	0.01	0.01	-0.04	-2.07e-04	-1.12e-03	3.11e-05
1199	17	0.02	0.01	-0.04	-2.15e-04	-1.15e-03	-3.47e-05
1199	25	0.02	0.01	-0.04	-2.12e-04	-1.16e-03	-3.33e-05
1199	33	7.77e-03	6.21e-03	-0.04	-1.86e-04	-1.17e-03	1.74e-05
1199	49	0.01	6.77e-03	-0.04	-1.89e-04	-1.19e-03	-1.36e-05
1199	57	0.01	6.43e-03	-0.04	-1.88e-04	-1.19e-03	-1.30e-05
1199	65	7.32e-03	5.90e-03	-0.04	-1.84e-04	-1.18e-03	1.63e-05
1199	81	9.77e-03	6.42e-03	-0.04	-1.87e-04	-1.19e-03	-1.21e-05
1199	89	9.97e-03	6.10e-03	-0.04	-1.86e-04	-1.19e-03	-1.15e-05
1200	1	0.01	9.41e-03	-0.11	-1.74e-04	-1.39e-03	3.66e-05
1200	17	0.02	0.01	-0.10	-1.82e-04	-1.30e-03	-2.82e-05
1200	25	0.02	0.01	-0.10	-1.80e-04	-1.30e-03	-2.72e-05
1200	33	7.77e-03	5.50e-03	-0.10	-1.52e-04	-1.34e-03	2.22e-05
1200	49	0.01	7.25e-03	-0.10	-1.56e-04	-1.30e-03	-8.26e-06
1200	57	0.01	6.86e-03	-0.10	-1.55e-04	-1.31e-03	-7.82e-06
1200	65	7.31e-03	5.21e-03	-0.10	-1.50e-04	-1.34e-03	2.11e-05
1200	81	9.77e-03	6.81e-03	-0.10	-1.54e-04	-1.30e-03	-6.81e-06
1200	89	9.96e-03	6.46e-03	-0.10	-1.53e-04	-1.31e-03	-6.41e-06
1201	1	0.01	9.16e-03	-0.17	-1.45e-04	-1.29e-03	3.77e-05
1201	17	0.02	0.01	-0.17	-1.54e-04	-1.21e-03	-2.57e-05
1201	29	0.02	0.01	-0.16	-1.51e-04	-1.21e-03	-2.93e-05
1201	33	7.76e-03	5.11e-03	-0.17	-1.22e-04	-1.25e-03	2.26e-05
1201	49	0.01	7.78e-03	-0.16	-1.26e-04	-1.21e-03	-7.31e-06
1201	57	0.01	7.37e-03	-0.16	-1.25e-04	-1.22e-03	-7.13e-06
1201	65	7.31e-03	4.81e-03	-0.16	-1.20e-04	-1.25e-03	2.14e-05
1201	81	9.76e-03	7.25e-03	-0.16	-1.24e-04	-1.21e-03	-5.97e-06
1201	89	9.95e-03	6.88e-03	-0.16	-1.24e-04	-1.21e-03	-5.80e-06
1202	1	0.01	9.95e-03	-0.23	-1.27e-04	-1.04e-03	3.72e-05
1202	17	0.02	0.02	-0.22	-1.36e-04	-9.76e-04	-2.44e-05
1202	29	0.02	0.02	-0.22	-1.34e-04	-9.76e-04	-2.86e-05
1202	33	7.74e-03	5.27e-03	-0.22	-1.04e-04	-1.01e-03	2.12e-05
1202	49	0.01	8.48e-03	-0.22	-1.08e-04	-9.77e-04	-7.79e-06
1202	61	0.01	7.95e-03	-0.22	-1.07e-04	-9.77e-04	-9.82e-06
1202	65	7.29e-03	4.93e-03	-0.22	-1.02e-04	-1.00e-03	2.00e-05
1202	81	9.76e-03	7.87e-03	-0.22	-1.06e-04	-9.77e-04	-6.59e-06
1202	93	9.95e-03	7.37e-03	-0.22	-1.05e-04	-9.77e-04	-8.45e-06
1203	1	0.01	0.01	-0.27	-1.21e-04	-6.75e-04	3.61e-05
1203	17	0.02	0.02	-0.26	-1.31e-04	-6.29e-04	-2.32e-05
1203	29	0.02	0.02	-0.26	-1.29e-04	-6.30e-04	-2.81e-05
1203	33	7.70e-03	5.91e-03	-0.26	-9.78e-05	-6.54e-04	1.93e-05
1203	49	0.01	9.35e-03	-0.26	-1.02e-04	-6.33e-04	-8.70e-06
1203	61	0.01	8.71e-03	-0.26	-1.01e-04	-6.33e-04	-1.10e-05
1203	65	7.25e-03	5.49e-03	-0.26	-9.61e-05	-6.53e-04	1.80e-05
1203	81	9.74e-03	8.64e-03	-0.26	-1.00e-04	-6.33e-04	-7.65e-06
1203	93	9.93e-03	8.05e-03	-0.25	-9.93e-05	-6.33e-04	-9.76e-06
1204	1	0.01	0.01	-0.29	-1.26e-04	-2.48e-04	3.46e-05
1204	17	0.02	0.02	-0.28	-1.36e-04	-2.18e-04	-2.23e-05
1204	29	0.02	0.02	-0.28	-1.34e-04	-2.19e-04	-2.77e-05
1204	33	7.65e-03	6.84e-03	-0.28	-1.03e-04	-2.39e-04	1.70e-05
1204	49	0.01	0.01	-0.28	-1.07e-04	-2.25e-04	-9.90e-06
1204	61	0.01	9.59e-03	-0.28	-1.06e-04	-2.26e-04	-1.24e-05
1204	65	7.21e-03	6.33e-03	-0.28	-1.01e-04	-2.38e-04	1.56e-05
1204	81	9.71e-03	9.52e-03	-0.28	-1.05e-04	-2.25e-04	-9.00e-06
1204	93	9.91e-03	8.85e-03	-0.28	-1.04e-04	-2.26e-04	-1.13e-05
1205	1	0.01	-2.42e-03	-0.29	-1.40e-04	1.78e-04	3.27e-05
1205	19	0.02	0.02	-0.27	-1.32e-04	2.23e-04	-4.90e-05
1205	29	0.02	0.02	-0.28	-1.48e-04	1.74e-04	-2.76e-05
1205	33	7.59e-03	-7.31e-04	-0.28	-1.17e-04	1.88e-04	1.43e-05
1205	51	8.45e-03	0.01	-0.27	-1.13e-04	2.09e-04	-2.44e-05
1205	61	0.01	8.88e-03	-0.28	-1.21e-04	1.86e-04	-1.42e-05
1205	65	7.14e-03	-5.98e-04	-0.28	-1.15e-04	1.89e-04	1.29e-05
1205	83	7.93e-03	0.01	-0.27	-1.12e-04	2.08e-04	-2.25e-05
1205	93	9.86e-03	8.21e-03	-0.28	-1.19e-04	1.87e-04	-1.32e-05
1206	1	0.01	-3.72e-03	-0.27	-1.61e-04	6.59e-04	3.03e-05
1206	19	0.02	0.03	-0.25	-1.53e-04	6.09e-04	-4.93e-05
1206	29	0.02	0.02	-0.26	-1.69e-04	6.02e-04	-2.80e-05
1206	33	7.51e-03	-1.25e-03	-0.26	-1.38e-04	6.32e-04	1.13e-05
1206	51	8.40e-03	0.01	-0.25	-1.35e-04	6.08e-04	-2.65e-05

1206	61	0.01	9.63e-03	-0.26	-1.42e-04	6.05e-04	-1.63e-05
1206	65	7.06e-03	-1.06e-03	-0.26	-1.37e-04	6.29e-04	9.81e-06
1206	83	7.88e-03	0.01	-0.25	-1.33e-04	6.08e-04	-2.48e-05
1206	93	9.80e-03	8.90e-03	-0.26	-1.40e-04	6.05e-04	-1.54e-05
1207	1	0.01	-4.95e-03	-0.23	-1.85e-04	1.03e-03	2.73e-05
1207	19	0.02	0.03	-0.21	-1.77e-04	9.55e-04	-5.07e-05
1207	29	0.02	0.02	-0.22	-1.93e-04	9.59e-04	-2.92e-05
1207	33	7.40e-03	-1.65e-03	-0.22	-1.63e-04	9.94e-04	7.77e-06
1207	51	8.32e-03	0.01	-0.21	-1.60e-04	9.56e-04	-2.93e-05
1207	61	0.01	0.01	-0.22	-1.67e-04	9.58e-04	-1.90e-05
1207	65	6.96e-03	-1.39e-03	-0.22	-1.62e-04	9.91e-04	6.26e-06
1207	83	7.80e-03	0.01	-0.21	-1.58e-04	9.56e-04	-2.77e-05
1207	93	9.72e-03	9.70e-03	-0.22	-1.65e-04	9.58e-04	-1.83e-05
1208	1	0.01	-6.07e-03	-0.17	-2.06e-04	1.31e-03	2.32e-05
1208	19	0.02	0.03	-0.16	-1.99e-04	1.21e-03	-5.39e-05
1208	29	0.02	0.02	-0.17	-2.14e-04	1.21e-03	-3.20e-05
1208	33	7.28e-03	-1.90e-03	-0.17	-1.85e-04	1.26e-03	3.26e-06
1208	51	8.23e-03	0.02	-0.16	-1.82e-04	1.21e-03	-3.34e-05
1208	61	0.01	0.01	-0.16	-1.89e-04	1.21e-03	-2.29e-05
1208	65	6.84e-03	-1.57e-03	-0.17	-1.84e-04	1.25e-03	1.72e-06
1208	83	7.71e-03	0.01	-0.16	-1.81e-04	1.21e-03	-3.18e-05
1208	93	9.62e-03	0.01	-0.16	-1.87e-04	1.21e-03	-2.22e-05
1209	1	0.01	-7.04e-03	-0.11	-2.09e-04	1.43e-03	1.59e-05
1209	19	0.02	0.03	-0.10	-2.03e-04	1.31e-03	-6.18e-05
1209	29	0.02	0.02	-0.10	-2.18e-04	1.37e-03	-3.91e-05
1209	33	7.12e-03	-1.95e-03	-0.10	-1.90e-04	1.37e-03	-4.58e-06
1209	51	8.10e-03	0.02	-0.10	-1.87e-04	1.32e-03	-4.14e-05
1209	61	0.01	0.01	-0.10	-1.94e-04	1.34e-03	-3.06e-05
1209	65	6.68e-03	-1.55e-03	-0.10	-1.89e-04	1.37e-03	-6.16e-06
1209	83	7.58e-03	0.02	-0.10	-1.86e-04	1.32e-03	-3.99e-05
1209	93	9.48e-03	0.01	-0.10	-1.92e-04	1.34e-03	-3.00e-05
1210	1	0.01	-7.59e-03	-0.04	-1.59e-04	1.32e-03	0.0
1210	19	0.01	0.04	-0.04	-1.57e-04	1.21e-03	-8.16e-05
1210	29	0.02	0.03	-0.04	-1.70e-04	1.26e-03	-5.74e-05
1210	33	6.90e-03	-1.55e-03	-0.04	-1.42e-04	1.26e-03	-2.14e-05
1210	51	7.89e-03	0.02	-0.04	-1.42e-04	1.21e-03	-6.00e-05
1210	61	9.96e-03	0.01	-0.04	-1.47e-04	1.23e-03	-4.85e-05
1210	65	6.46e-03	-1.08e-03	-0.04	-1.41e-04	1.26e-03	-2.30e-05
1210	83	7.37e-03	0.02	-0.04	-1.40e-04	1.21e-03	-5.84e-05
1210	93	9.26e-03	0.01	-0.04	-1.46e-04	1.23e-03	-4.78e-05
1211	5	0.02	-7.79e-03	-0.05	-2.65e-04	1.39e-03	0.0
1211	19	0.02	0.04	-0.04	-2.56e-04	1.28e-03	0.0
1211	25	0.02	0.02	-0.05	-2.73e-04	1.34e-03	0.0
1211	37	8.69e-03	-1.72e-03	-0.04	-2.44e-04	1.33e-03	0.0
1211	51	9.40e-03	0.02	-0.04	-2.40e-04	1.28e-03	0.0
1211	57	0.01	0.01	-0.04	-2.48e-04	1.31e-03	0.0
1211	69	8.20e-03	-1.24e-03	-0.04	-2.43e-04	1.33e-03	0.0
1211	83	8.86e-03	0.02	-0.04	-2.39e-04	1.28e-03	0.0
1211	89	0.01	0.01	-0.04	-2.46e-04	1.30e-03	0.0
1212	5	0.02	-7.42e-03	-0.08	-2.82e-04	1.42e-03	0.0
1212	19	0.02	0.03	-0.07	-2.71e-04	1.30e-03	0.0
1212	25	0.02	0.02	-0.08	-2.88e-04	1.36e-03	0.0
1212	37	8.46e-03	-1.82e-03	-0.08	-2.60e-04	1.36e-03	0.0
1212	51	9.17e-03	0.02	-0.07	-2.55e-04	1.31e-03	0.0
1212	57	0.01	0.01	-0.08	-2.63e-04	1.33e-03	0.0
1212	69	7.98e-03	-1.38e-03	-0.08	-2.59e-04	1.36e-03	0.0
1212	83	8.63e-03	0.02	-0.07	-2.54e-04	1.31e-03	0.0
1212	89	0.01	0.01	-0.08	-2.62e-04	1.33e-03	0.0
1213	5	0.01	-7.06e-03	-0.12	-2.77e-04	1.40e-03	0.0
1213	19	0.02	0.03	-0.11	-2.67e-04	1.30e-03	0.0
1213	25	0.02	0.02	-0.11	-2.84e-04	1.32e-03	0.0
1213	37	8.38e-03	-1.92e-03	-0.11	-2.56e-04	1.35e-03	0.0
1213	51	9.08e-03	0.02	-0.11	-2.51e-04	1.31e-03	0.0
1213	57	0.01	0.01	-0.11	-2.59e-04	1.31e-03	0.0
1213	69	7.90e-03	-1.51e-03	-0.11	-2.54e-04	1.35e-03	0.0
1213	83	8.54e-03	0.02	-0.11	-2.50e-04	1.31e-03	0.0
1213	89	0.01	0.01	-0.11	-2.57e-04	1.31e-03	0.0
1214	5	0.01	-6.64e-03	-0.15	-2.66e-04	1.36e-03	0.0
1214	19	0.02	0.03	-0.14	-2.55e-04	1.27e-03	0.0
1214	25	0.02	0.02	-0.14	-2.73e-04	1.28e-03	0.0
1214	37	8.35e-03	-1.95e-03	-0.14	-2.44e-04	1.31e-03	0.0
1214	51	9.04e-03	0.02	-0.14	-2.39e-04	1.27e-03	0.0
1214	57	0.01	0.01	-0.14	-2.47e-04	1.27e-03	0.0
1214	69	7.86e-03	-1.58e-03	-0.14	-2.42e-04	1.31e-03	0.0
1214	83	8.49e-03	0.01	-0.14	-2.38e-04	1.27e-03	0.0
1214	89	0.01	0.01	-0.14	-2.45e-04	1.27e-03	0.0
1215	1	0.01	-6.04e-03	-0.18	-2.53e-04	1.29e-03	0.0

1215	19	0.02	0.03	-0.17	-2.43e-04	1.19e-03	0.0
1215	25	0.02	0.02	-0.17	-2.60e-04	1.20e-03	0.0
1215	33	8.27e-03	-1.87e-03	-0.17	-2.31e-04	1.24e-03	0.0
1215	51	9.02e-03	0.02	-0.17	-2.26e-04	1.19e-03	0.0
1215	57	0.01	0.01	-0.17	-2.34e-04	1.20e-03	0.0
1215	65	7.79e-03	-1.54e-03	-0.17	-2.29e-04	1.23e-03	0.0
1215	83	8.47e-03	0.01	-0.17	-2.25e-04	1.19e-03	0.0
1215	89	0.01	9.97e-03	-0.17	-2.32e-04	1.20e-03	0.0
1216	1	0.01	-5.51e-03	-0.21	-2.40e-04	1.17e-03	0.0
1216	19	0.02	0.03	-0.19	-2.30e-04	1.08e-03	0.0
1216	25	0.02	0.02	-0.20	-2.48e-04	1.09e-03	0.0
1216	33	8.27e-03	-1.78e-03	-0.20	-2.18e-04	1.12e-03	0.0
1216	51	9.00e-03	0.01	-0.20	-2.13e-04	1.08e-03	0.0
1216	57	0.01	0.01	-0.20	-2.21e-04	1.08e-03	0.0
1216	65	7.78e-03	-1.48e-03	-0.20	-2.16e-04	1.12e-03	0.0
1216	83	8.46e-03	0.01	-0.20	-2.12e-04	1.08e-03	0.0
1216	89	0.01	9.52e-03	-0.20	-2.19e-04	1.08e-03	0.0
1217	1	0.01	-4.94e-03	-0.24	-2.29e-04	1.01e-03	0.0
1217	19	0.02	0.03	-0.22	-2.19e-04	9.02e-04	0.0
1217	25	0.02	0.02	-0.23	-2.36e-04	9.45e-04	0.0
1217	33	8.27e-03	-1.64e-03	-0.23	-2.06e-04	9.72e-04	0.0
1217	51	8.99e-03	0.01	-0.22	-2.01e-04	9.22e-04	0.0
1217	57	0.01	9.82e-03	-0.22	-2.09e-04	9.43e-04	0.0
1217	65	7.78e-03	-1.38e-03	-0.23	-2.04e-04	9.69e-04	0.0
1217	83	8.45e-03	0.01	-0.22	-2.00e-04	9.24e-04	0.0
1217	89	0.01	9.12e-03	-0.22	-2.07e-04	9.43e-04	0.0
1218	1	0.01	-4.34e-03	-0.26	-2.18e-04	8.39e-04	0.0
1218	19	0.02	0.03	-0.24	-2.08e-04	7.75e-04	0.0
1218	25	0.02	0.02	-0.25	-2.26e-04	7.77e-04	0.0
1218	33	8.26e-03	-1.47e-03	-0.25	-1.94e-04	8.06e-04	0.0
1218	51	8.98e-03	0.01	-0.24	-1.90e-04	7.75e-04	0.0
1218	57	0.01	9.44e-03	-0.25	-1.98e-04	7.76e-04	0.0
1218	65	7.78e-03	-1.24e-03	-0.25	-1.93e-04	8.03e-04	0.0
1218	83	8.44e-03	0.01	-0.24	-1.88e-04	7.75e-04	0.0
1218	89	0.01	8.74e-03	-0.24	-1.96e-04	7.76e-04	0.0
1219	1	0.01	-3.71e-03	-0.28	-2.08e-04	6.43e-04	0.0
1219	19	0.02	0.03	-0.26	-1.97e-04	5.94e-04	0.0
1219	25	0.02	0.02	-0.27	-2.16e-04	5.88e-04	0.0
1219	33	8.26e-03	-1.25e-03	-0.27	-1.84e-04	6.15e-04	0.0
1219	51	8.97e-03	0.01	-0.26	-1.79e-04	5.92e-04	0.0
1219	57	0.01	9.08e-03	-0.26	-1.87e-04	5.89e-04	0.0
1219	65	7.77e-03	-1.06e-03	-0.27	-1.82e-04	6.13e-04	0.0
1219	83	8.42e-03	0.01	-0.26	-1.78e-04	5.92e-04	0.0
1219	89	0.01	8.40e-03	-0.26	-1.85e-04	5.90e-04	0.0
1220	1	0.01	-3.07e-03	-0.29	-1.98e-04	3.62e-04	0.0
1220	19	0.02	0.02	-0.27	-1.88e-04	4.20e-04	0.0
1220	25	0.02	0.02	-0.28	-2.06e-04	3.63e-04	0.0
1220	33	8.25e-03	-1.00e-03	-0.28	-1.74e-04	3.77e-04	0.0
1220	51	8.96e-03	0.01	-0.27	-1.69e-04	4.04e-04	0.0
1220	57	0.01	8.75e-03	-0.27	-1.78e-04	3.78e-04	0.0
1220	65	7.76e-03	-8.42e-04	-0.28	-1.72e-04	3.78e-04	0.0
1220	83	8.41e-03	0.01	-0.27	-1.68e-04	4.03e-04	0.0
1220	89	0.01	8.09e-03	-0.27	-1.76e-04	3.79e-04	0.0
1221	1	0.01	-2.41e-03	-0.30	-1.89e-04	1.64e-04	0.0
1221	19	0.02	0.02	-0.27	-1.79e-04	2.09e-04	0.0
1221	25	0.02	0.02	-0.29	-1.97e-04	1.57e-04	0.0
1221	33	8.24e-03	-7.29e-04	-0.29	-1.65e-04	1.74e-04	0.0
1221	51	8.94e-03	0.01	-0.28	-1.60e-04	1.95e-04	0.0
1221	57	0.01	8.43e-03	-0.28	-1.69e-04	1.71e-04	0.0
1221	65	7.75e-03	-5.96e-04	-0.29	-1.63e-04	1.75e-04	0.0
1221	83	8.39e-03	0.01	-0.28	-1.59e-04	1.94e-04	0.0
1221	89	0.01	7.79e-03	-0.28	-1.67e-04	1.72e-04	0.0
1222	1	0.01	-1.75e-03	-0.30	-1.81e-04	-4.36e-05	0.0
1222	19	0.02	0.02	-0.28	-1.71e-04	-4.07e-06	0.0
1222	25	0.02	0.02	-0.29	-1.89e-04	-5.44e-05	0.0
1222	33	8.23e-03	-4.30e-04	-0.29	-1.57e-04	-3.61e-05	0.0
1222	51	8.93e-03	0.01	-0.28	-1.52e-04	-1.82e-05	0.0
1222	57	0.01	8.14e-03	-0.28	-1.60e-04	-4.10e-05	0.0
1222	65	7.74e-03	-3.25e-04	-0.29	-1.55e-04	-3.55e-05	0.0
1222	83	8.37e-03	1.00e-02	-0.28	-1.51e-04	-1.92e-05	0.0
1222	89	0.01	7.52e-03	-0.28	-1.58e-04	-4.01e-05	0.0
1223	1	0.01	0.01	-0.30	-1.74e-04	-2.60e-04	0.0
1223	17	0.02	0.02	-0.29	-1.83e-04	-2.29e-04	0.0
1223	25	0.02	0.02	-0.29	-1.82e-04	-2.30e-04	0.0
1223	33	8.22e-03	6.84e-03	-0.29	-1.50e-04	-2.50e-04	0.0
1223	49	0.01	0.01	-0.28	-1.54e-04	-2.36e-04	0.0
1223	57	0.01	9.95e-03	-0.28	-1.53e-04	-2.36e-04	0.0

1223	65	7.73e-03	6.33e-03	-0.28	-1.48e-04	-2.49e-04	0.0
1223	81	0.01	9.52e-03	-0.28	-1.52e-04	-2.36e-04	0.0
1223	89	0.01	9.18e-03	-0.28	-1.51e-04	-2.37e-04	0.0
1224	1	0.01	0.01	-0.29	-1.68e-04	-4.75e-04	0.0
1224	17	0.02	0.02	-0.28	-1.77e-04	-4.37e-04	0.0
1224	25	0.02	0.02	-0.28	-1.76e-04	-4.39e-04	0.0
1224	33	8.21e-03	6.34e-03	-0.28	-1.44e-04	-4.61e-04	0.0
1224	49	0.01	9.83e-03	-0.27	-1.48e-04	-4.43e-04	0.0
1224	57	0.01	9.43e-03	-0.27	-1.47e-04	-4.44e-04	0.0
1224	65	7.71e-03	5.88e-03	-0.28	-1.42e-04	-4.59e-04	0.0
1224	81	0.01	9.07e-03	-0.27	-1.46e-04	-4.43e-04	0.0
1224	89	0.01	8.71e-03	-0.27	-1.45e-04	-4.44e-04	0.0
1225	1	0.01	0.01	-0.27	-1.63e-04	-6.81e-04	0.0
1225	17	0.02	0.02	-0.26	-1.72e-04	-6.35e-04	0.0
1225	25	0.02	0.02	-0.26	-1.71e-04	-6.37e-04	0.0
1225	33	8.19e-03	5.91e-03	-0.26	-1.39e-04	-6.60e-04	0.0
1225	49	0.01	9.35e-03	-0.26	-1.43e-04	-6.39e-04	0.0
1225	57	0.01	8.95e-03	-0.26	-1.43e-04	-6.40e-04	0.0
1225	65	7.69e-03	5.49e-03	-0.26	-1.37e-04	-6.59e-04	0.0
1225	81	0.01	8.64e-03	-0.26	-1.41e-04	-6.39e-04	0.0
1225	89	0.01	8.27e-03	-0.26	-1.40e-04	-6.40e-04	0.0
1226	1	0.01	0.01	-0.26	-1.60e-04	-8.70e-04	0.0
1226	17	0.02	0.02	-0.25	-1.69e-04	-8.16e-04	0.0
1226	25	0.02	0.02	-0.25	-1.68e-04	-8.18e-04	0.0
1226	33	8.17e-03	5.55e-03	-0.25	-1.36e-04	-8.44e-04	0.0
1226	49	0.01	8.90e-03	-0.24	-1.40e-04	-8.18e-04	0.0
1226	57	0.01	8.49e-03	-0.24	-1.40e-04	-8.19e-04	0.0
1226	65	7.67e-03	5.17e-03	-0.25	-1.35e-04	-8.42e-04	0.0
1226	81	0.01	8.24e-03	-0.24	-1.38e-04	-8.19e-04	0.0
1226	89	0.01	7.86e-03	-0.24	-1.38e-04	-8.19e-04	0.0
1227	1	0.01	9.95e-03	-0.23	-1.59e-04	-1.04e-03	0.0
1227	17	0.02	0.02	-0.22	-1.68e-04	-9.75e-04	0.0
1227	25	0.02	0.02	-0.22	-1.67e-04	-9.77e-04	0.0
1227	33	8.16e-03	5.27e-03	-0.22	-1.36e-04	-1.01e-03	0.0
1227	49	0.01	8.49e-03	-0.22	-1.40e-04	-9.76e-04	0.0
1227	57	0.01	8.07e-03	-0.22	-1.39e-04	-9.77e-04	0.0
1227	65	7.65e-03	4.93e-03	-0.22	-1.34e-04	-1.00e-03	0.0
1227	81	0.01	7.87e-03	-0.22	-1.38e-04	-9.76e-04	0.0
1227	89	0.01	7.49e-03	-0.22	-1.37e-04	-9.77e-04	0.0
1228	1	0.01	9.43e-03	-0.21	-1.61e-04	-1.18e-03	0.0
1228	17	0.02	0.02	-0.20	-1.70e-04	-1.11e-03	0.0
1228	25	0.02	0.01	-0.20	-1.68e-04	-1.11e-03	0.0
1228	33	8.14e-03	5.12e-03	-0.20	-1.37e-04	-1.14e-03	0.0
1228	49	0.01	8.10e-03	-0.19	-1.41e-04	-1.11e-03	0.0
1228	57	0.01	7.69e-03	-0.19	-1.40e-04	-1.11e-03	0.0
1228	65	7.63e-03	4.80e-03	-0.20	-1.36e-04	-1.14e-03	0.0
1228	81	0.01	7.53e-03	-0.19	-1.39e-04	-1.11e-03	0.0
1228	89	0.01	7.16e-03	-0.19	-1.39e-04	-1.11e-03	0.0
1229	1	0.01	9.15e-03	-0.18	-1.65e-04	-1.28e-03	0.0
1229	17	0.02	0.01	-0.17	-1.73e-04	-1.21e-03	0.0
1229	25	0.02	0.01	-0.17	-1.71e-04	-1.21e-03	0.0
1229	33	8.10e-03	5.10e-03	-0.17	-1.41e-04	-1.24e-03	0.0
1229	49	0.01	7.77e-03	-0.17	-1.45e-04	-1.21e-03	0.0
1229	57	0.01	7.36e-03	-0.17	-1.44e-04	-1.21e-03	0.0
1229	65	7.60e-03	4.80e-03	-0.17	-1.40e-04	-1.24e-03	0.0
1229	81	0.01	7.24e-03	-0.17	-1.43e-04	-1.21e-03	0.0
1229	89	0.01	6.87e-03	-0.17	-1.42e-04	-1.21e-03	0.0
1230	1	0.01	9.15e-03	-0.14	-1.73e-04	-1.35e-03	0.0
1230	17	0.02	0.01	-0.14	-1.81e-04	-1.27e-03	0.0
1230	25	0.02	0.01	-0.14	-1.79e-04	-1.27e-03	0.0
1230	33	8.09e-03	5.23e-03	-0.14	-1.50e-04	-1.31e-03	0.0
1230	49	0.01	7.47e-03	-0.14	-1.54e-04	-1.27e-03	0.0
1230	57	0.01	7.08e-03	-0.14	-1.53e-04	-1.27e-03	0.0
1230	65	7.58e-03	4.94e-03	-0.14	-1.48e-04	-1.30e-03	0.0
1230	81	0.01	6.99e-03	-0.14	-1.52e-04	-1.27e-03	0.0
1230	89	0.01	6.63e-03	-0.14	-1.51e-04	-1.27e-03	0.0
1231	1	0.01	9.39e-03	-0.11	-1.86e-04	-1.37e-03	0.0
1231	17	0.02	0.01	-0.11	-1.94e-04	-1.28e-03	0.0
1231	25	0.02	0.01	-0.11	-1.92e-04	-1.29e-03	0.0
1231	33	8.08e-03	5.48e-03	-0.11	-1.63e-04	-1.33e-03	0.0
1231	49	0.01	7.22e-03	-0.10	-1.66e-04	-1.29e-03	0.0
1231	57	0.01	6.84e-03	-0.10	-1.65e-04	-1.29e-03	0.0
1231	65	7.57e-03	5.19e-03	-0.11	-1.61e-04	-1.32e-03	0.0
1231	81	0.01	6.78e-03	-0.10	-1.64e-04	-1.29e-03	0.0
1231	89	0.01	6.43e-03	-0.10	-1.64e-04	-1.29e-03	0.0
1232	1	0.01	9.81e-03	-0.08	-2.04e-04	-1.34e-03	0.0
1232	17	0.02	0.01	-0.08	-2.12e-04	-1.25e-03	0.0

1232	25	0.02	0.01	-0.08	-2.09e-04	-1.25e-03	0.0
1232	33	8.07e-03	5.82e-03	-0.08	-1.81e-04	-1.30e-03	0.0
1232	49	0.01	7.00e-03	-0.07	-1.85e-04	-1.26e-03	0.0
1232	57	0.01	6.63e-03	-0.07	-1.84e-04	-1.26e-03	0.0
1232	65	7.57e-03	5.52e-03	-0.07	-1.80e-04	-1.29e-03	0.0
1232	81	0.01	6.60e-03	-0.07	-1.83e-04	-1.26e-03	0.0
1232	89	0.01	6.26e-03	-0.07	-1.82e-04	-1.26e-03	0.0
1233	1	0.01	0.01	-0.05	-2.27e-04	-1.24e-03	0.0
1233	17	0.02	0.01	-0.05	-2.34e-04	-1.15e-03	0.0
1233	25	0.02	0.01	-0.05	-2.32e-04	-1.15e-03	0.0
1233	33	8.07e-03	6.24e-03	-0.04	-2.04e-04	-1.20e-03	0.0
1233	49	0.01	6.79e-03	-0.04	-2.08e-04	-1.16e-03	0.0
1233	57	0.01	6.44e-03	-0.04	-2.07e-04	-1.16e-03	0.0
1233	65	7.56e-03	5.93e-03	-0.04	-2.03e-04	-1.20e-03	0.0
1233	81	0.01	6.44e-03	-0.04	-2.06e-04	-1.16e-03	0.0
1233	89	0.01	6.12e-03	-0.04	-2.05e-04	-1.16e-03	0.0
1234	1	0.01	0.01	-0.02	-2.11e-04	-9.03e-04	0.0
1234	17	0.02	0.01	-0.02	-2.18e-04	-9.26e-04	0.0
1234	25	0.02	0.01	-0.02	-2.15e-04	-9.28e-04	0.0
1234	33	8.04e-03	6.80e-03	-0.02	-1.89e-04	-9.48e-04	0.0
1234	49	0.01	6.69e-03	-0.02	-1.92e-04	-9.60e-04	0.0
1234	57	0.01	6.36e-03	-0.02	-1.91e-04	-9.61e-04	0.0
1234	65	7.52e-03	6.47e-03	-0.02	-1.87e-04	-9.52e-04	0.0
1234	81	0.01	6.37e-03	-0.02	-1.90e-04	-9.62e-04	0.0
1234	89	0.01	6.07e-03	-0.02	-1.89e-04	-9.63e-04	0.0
1235	1	0.01	0.01	7.98e-03	-1.13e-04	-7.04e-04	0.0
1235	20	-0.02	-3.34e-03	0.02	-3.13e-05	-8.45e-04	0.0
1235	25	0.02	9.86e-03	6.95e-03	-1.18e-04	-7.20e-04	0.0
1235	33	8.00e-03	7.71e-03	0.01	-9.33e-05	-7.45e-04	0.0
1235	52	-6.97e-03	3.49e-04	0.02	-5.56e-05	-8.11e-04	0.0
1235	57	0.01	6.54e-03	0.01	-9.54e-05	-7.53e-04	0.0
1235	65	7.49e-03	7.36e-03	0.01	-9.19e-05	-7.48e-04	0.0
1235	84	-6.22e-03	6.23e-04	0.02	-5.73e-05	-8.09e-04	0.0
1235	89	0.01	6.29e-03	0.01	-9.38e-05	-7.55e-04	0.0
1236	1	0.01	0.01	0.03	8.73e-06	-6.19e-04	0.0
1236	20	-0.02	-1.38e-03	0.05	8.26e-05	-7.55e-04	0.0
1236	25	0.02	9.76e-03	0.03	4.72e-06	-6.31e-04	0.0
1236	33	8.01e-03	8.87e-03	0.03	2.67e-05	-6.58e-04	0.0
1236	52	-6.96e-03	1.73e-03	0.04	6.06e-05	-7.22e-04	0.0
1236	57	0.01	6.97e-03	0.03	2.48e-05	-6.64e-04	0.0
1236	65	7.49e-03	8.50e-03	0.03	2.80e-05	-6.61e-04	0.0
1236	84	-6.21e-03	1.97e-03	0.04	5.90e-05	-7.19e-04	0.0
1236	89	0.01	6.76e-03	0.03	2.63e-05	-6.66e-04	0.0
1237	5	0.02	-7.75e-03	-0.06	-3.06e-04	1.41e-03	0.0
1237	19	0.02	0.04	-0.05	-2.94e-04	1.30e-03	0.0
1237	25	0.02	0.02	-0.06	-3.12e-04	1.36e-03	0.0
1237	37	9.65e-03	-1.67e-03	-0.05	-2.83e-04	1.36e-03	0.0
1237	51	0.01	0.02	-0.05	-2.78e-04	1.30e-03	0.0
1237	57	0.01	0.01	-0.05	-2.86e-04	1.33e-03	0.0
1237	69	9.12e-03	-1.20e-03	-0.05	-2.82e-04	1.35e-03	0.0
1237	83	9.46e-03	0.02	-0.05	-2.76e-04	1.30e-03	0.0
1237	89	0.01	0.01	-0.05	-2.84e-04	1.33e-03	0.0
1238	5	0.02	-7.37e-03	-0.09	-3.11e-04	1.42e-03	0.0
1238	19	0.02	0.03	-0.08	-2.98e-04	1.30e-03	0.0
1238	25	0.02	0.02	-0.09	-3.17e-04	1.36e-03	0.0
1238	37	9.61e-03	-1.76e-03	-0.09	-2.88e-04	1.36e-03	0.0
1238	51	9.97e-03	0.02	-0.08	-2.82e-04	1.31e-03	0.0
1238	57	0.01	0.01	-0.09	-2.91e-04	1.33e-03	0.0
1238	69	9.08e-03	-1.32e-03	-0.09	-2.87e-04	1.36e-03	0.0
1238	83	9.41e-03	0.02	-0.08	-2.81e-04	1.31e-03	0.0
1238	89	0.01	0.01	-0.09	-2.89e-04	1.33e-03	0.0
1239	5	0.02	-7.00e-03	-0.12	-3.08e-04	1.39e-03	0.0
1239	19	0.02	0.03	-0.12	-2.95e-04	1.29e-03	0.0
1239	25	0.02	0.02	-0.12	-3.14e-04	1.30e-03	0.0
1239	37	9.55e-03	-1.85e-03	-0.12	-2.85e-04	1.34e-03	0.0
1239	51	9.91e-03	0.02	-0.12	-2.79e-04	1.29e-03	0.0
1239	57	0.01	0.01	-0.12	-2.88e-04	1.30e-03	0.0
1239	69	9.02e-03	-1.45e-03	-0.12	-2.84e-04	1.34e-03	0.0
1239	83	9.34e-03	0.02	-0.12	-2.78e-04	1.29e-03	0.0
1239	89	0.01	0.01	-0.12	-2.86e-04	1.30e-03	0.0
1240	5	0.02	-6.59e-03	-0.16	-3.00e-04	1.34e-03	0.0
1240	19	0.02	0.03	-0.15	-2.88e-04	1.25e-03	0.0
1240	25	0.02	0.02	-0.15	-3.06e-04	1.26e-03	0.0
1240	37	9.49e-03	-1.89e-03	-0.15	-2.77e-04	1.29e-03	0.0
1240	51	9.83e-03	0.02	-0.15	-2.71e-04	1.25e-03	0.0
1240	57	0.01	0.01	-0.15	-2.80e-04	1.26e-03	0.0
1240	69	8.95e-03	-1.53e-03	-0.15	-2.76e-04	1.29e-03	0.0

1240	83	9.27e-03	0.01	-0.15	-2.70e-04	1.25e-03	0.0
1240	89	0.01	0.01	-0.15	-2.78e-04	1.26e-03	0.0
1241	5	0.02	-6.13e-03	-0.19	-2.91e-04	1.26e-03	0.0
1241	19	0.02	0.03	-0.18	-2.79e-04	1.17e-03	0.0
1241	25	0.02	0.02	-0.18	-2.97e-04	1.18e-03	0.0
1241	37	9.42e-03	-1.88e-03	-0.18	-2.68e-04	1.21e-03	0.0
1241	51	9.76e-03	0.02	-0.18	-2.62e-04	1.17e-03	0.0
1241	57	0.01	0.01	-0.18	-2.71e-04	1.18e-03	0.0
1241	69	8.89e-03	-1.55e-03	-0.18	-2.66e-04	1.21e-03	0.0
1241	83	9.20e-03	0.01	-0.18	-2.61e-04	1.17e-03	0.0
1241	89	0.01	0.01	-0.18	-2.69e-04	1.18e-03	0.0
1242	5	0.02	-5.62e-03	-0.22	-2.82e-04	1.14e-03	0.0
1242	19	0.02	0.03	-0.20	-2.70e-04	1.06e-03	0.0
1242	25	0.02	0.02	-0.21	-2.89e-04	1.07e-03	0.0
1242	37	9.36e-03	-1.81e-03	-0.21	-2.59e-04	1.10e-03	0.0
1242	51	9.70e-03	0.01	-0.20	-2.53e-04	1.06e-03	0.0
1242	57	0.01	0.01	-0.21	-2.62e-04	1.07e-03	0.0
1242	69	8.82e-03	-1.52e-03	-0.21	-2.57e-04	1.10e-03	0.0
1242	83	9.13e-03	0.01	-0.20	-2.52e-04	1.06e-03	0.0
1242	89	0.01	9.55e-03	-0.21	-2.60e-04	1.07e-03	0.0
1243	5	0.02	-5.08e-03	-0.25	-2.74e-04	9.88e-04	0.0
1243	19	0.02	0.03	-0.23	-2.62e-04	8.85e-04	0.0
1243	25	0.02	0.02	-0.24	-2.81e-04	9.28e-04	0.0
1243	37	9.30e-03	-1.69e-03	-0.24	-2.50e-04	9.55e-04	0.0
1243	51	9.63e-03	0.01	-0.23	-2.45e-04	9.06e-04	0.0
1243	57	0.01	9.84e-03	-0.23	-2.53e-04	9.26e-04	0.0
1243	69	8.75e-03	-1.43e-03	-0.23	-2.49e-04	9.52e-04	0.0
1243	83	9.06e-03	0.01	-0.23	-2.43e-04	9.07e-04	0.0
1243	89	0.01	9.14e-03	-0.23	-2.51e-04	9.26e-04	0.0
1244	5	0.02	-4.49e-03	-0.27	-2.67e-04	8.13e-04	0.0
1244	19	0.02	0.03	-0.25	-2.54e-04	7.24e-04	0.0
1244	25	0.02	0.02	-0.26	-2.73e-04	7.60e-04	0.0
1244	37	9.23e-03	-1.53e-03	-0.26	-2.42e-04	7.85e-04	0.0
1244	51	9.57e-03	0.01	-0.25	-2.37e-04	7.43e-04	0.0
1244	57	0.01	9.45e-03	-0.25	-2.45e-04	7.60e-04	0.0
1244	69	8.69e-03	-1.29e-03	-0.26	-2.41e-04	7.83e-04	0.0
1244	83	9.00e-03	0.01	-0.25	-2.35e-04	7.44e-04	0.0
1244	89	0.01	8.76e-03	-0.25	-2.43e-04	7.60e-04	0.0
1245	5	0.02	-3.89e-03	-0.28	-2.59e-04	6.16e-04	0.0
1245	19	0.02	0.03	-0.26	-2.47e-04	5.79e-04	0.0
1245	25	0.02	0.02	-0.27	-2.66e-04	5.72e-04	0.0
1245	37	9.17e-03	-1.32e-03	-0.27	-2.34e-04	5.95e-04	0.0
1245	51	9.51e-03	0.01	-0.26	-2.29e-04	5.77e-04	0.0
1245	57	0.01	9.09e-03	-0.27	-2.38e-04	5.74e-04	0.0
1245	69	8.63e-03	-1.12e-03	-0.27	-2.33e-04	5.93e-04	0.0
1245	83	8.94e-03	0.01	-0.26	-2.27e-04	5.77e-04	0.0
1245	89	0.01	8.42e-03	-0.27	-2.36e-04	5.74e-04	0.0
1246	1	0.02	-3.05e-03	-0.30	-2.52e-04	3.47e-04	0.0
1246	19	0.02	0.02	-0.27	-2.39e-04	4.06e-04	0.0
1246	25	0.02	0.02	-0.29	-2.58e-04	3.48e-04	0.0
1246	33	9.04e-03	-9.88e-04	-0.29	-2.27e-04	3.63e-04	0.0
1246	51	9.46e-03	0.01	-0.27	-2.21e-04	3.90e-04	0.0
1246	57	0.01	8.76e-03	-0.28	-2.30e-04	3.63e-04	0.0
1246	65	8.50e-03	-8.25e-04	-0.29	-2.25e-04	3.64e-04	0.0
1246	83	8.88e-03	0.01	-0.27	-2.20e-04	3.89e-04	0.0
1246	89	0.01	8.10e-03	-0.28	-2.28e-04	3.64e-04	0.0
1247	1	0.02	-2.40e-03	-0.30	-2.44e-04	1.50e-04	0.0
1247	19	0.02	0.02	-0.28	-2.31e-04	1.96e-04	0.0
1247	25	0.02	0.02	-0.29	-2.50e-04	1.42e-04	0.0
1247	33	8.98e-03	-7.12e-04	-0.29	-2.19e-04	1.60e-04	0.0
1247	51	9.40e-03	0.01	-0.28	-2.13e-04	1.81e-04	0.0
1247	57	0.01	8.45e-03	-0.29	-2.22e-04	1.56e-04	0.0
1247	65	8.44e-03	-5.79e-04	-0.29	-2.17e-04	1.61e-04	0.0
1247	83	8.82e-03	0.01	-0.28	-2.11e-04	1.80e-04	0.0
1247	89	0.01	7.81e-03	-0.29	-2.19e-04	1.57e-04	0.0
1248	1	0.02	-1.74e-03	-0.31	-2.36e-04	-5.76e-05	0.0
1248	19	0.02	0.02	-0.28	-2.23e-04	-1.67e-05	0.0
1248	25	0.02	0.02	-0.29	-2.42e-04	-6.90e-05	0.0
1248	33	8.92e-03	-4.13e-04	-0.29	-2.10e-04	-4.99e-05	0.0
1248	51	9.35e-03	0.01	-0.28	-2.04e-04	-3.15e-05	0.0
1248	57	0.01	8.15e-03	-0.29	-2.13e-04	-5.51e-05	0.0
1248	65	8.38e-03	-3.09e-04	-0.29	-2.08e-04	-4.94e-05	0.0
1248	83	8.77e-03	0.01	-0.28	-2.03e-04	-3.25e-05	0.0
1248	89	0.01	7.53e-03	-0.29	-2.11e-04	-5.41e-05	0.0
1249	1	0.02	0.01	-0.30	-2.27e-04	-2.73e-04	0.0
1249	17	0.02	0.02	-0.29	-2.35e-04	-2.41e-04	0.0
1249	25	0.02	0.02	-0.29	-2.34e-04	-2.81e-04	0.0

1249	33	8.87e-03	6.85e-03	-0.29	-2.02e-04	-2.63e-04	0.0
1249	49	0.01	0.01	-0.29	-2.05e-04	-2.48e-04	0.0
1249	57	0.01	9.96e-03	-0.29	-2.05e-04	-2.67e-04	0.0
1249	65	8.32e-03	6.35e-03	-0.29	-2.00e-04	-2.62e-04	0.0
1249	81	0.01	9.53e-03	-0.29	-2.03e-04	-2.49e-04	0.0
1249	89	0.01	9.19e-03	-0.29	-2.03e-04	-2.66e-04	0.0
1250	1	0.02	0.01	-0.29	-2.19e-04	-4.87e-04	0.0
1250	17	0.02	0.02	-0.28	-2.26e-04	-4.48e-04	0.0
1250	25	0.02	0.02	-0.28	-2.25e-04	-4.50e-04	0.0
1250	33	8.81e-03	6.36e-03	-0.28	-1.93e-04	-4.72e-04	0.0
1250	49	0.01	9.84e-03	-0.28	-1.97e-04	-4.54e-04	0.0
1250	57	0.01	9.45e-03	-0.28	-1.96e-04	-4.55e-04	0.0
1250	65	8.26e-03	5.89e-03	-0.28	-1.92e-04	-4.71e-04	0.0
1250	81	0.01	9.08e-03	-0.28	-1.95e-04	-4.55e-04	0.0
1250	89	0.01	8.72e-03	-0.28	-1.94e-04	-4.55e-04	0.0
1251	1	0.02	0.01	-0.28	-2.11e-04	-6.92e-04	0.0
1251	17	0.02	0.02	-0.27	-2.18e-04	-6.45e-04	0.0
1251	25	0.02	0.02	-0.27	-2.17e-04	-6.47e-04	0.0
1251	33	8.76e-03	5.92e-03	-0.27	-1.85e-04	-6.71e-04	0.0
1251	49	0.01	9.36e-03	-0.26	-1.89e-04	-6.49e-04	0.0
1251	57	0.01	8.96e-03	-0.26	-1.88e-04	-6.49e-04	0.0
1251	65	8.20e-03	5.50e-03	-0.27	-1.84e-04	-6.69e-04	0.0
1251	81	0.01	8.65e-03	-0.26	-1.87e-04	-6.49e-04	0.0
1251	89	0.01	8.28e-03	-0.26	-1.86e-04	-6.50e-04	0.0
1252	1	0.02	0.01	-0.26	-2.03e-04	-8.78e-04	0.0
1252	17	0.02	0.02	-0.25	-2.11e-04	-8.24e-04	0.0
1252	25	0.02	0.02	-0.25	-2.09e-04	-8.26e-04	0.0
1252	33	8.70e-03	5.56e-03	-0.25	-1.78e-04	-8.52e-04	0.0
1252	49	0.01	8.91e-03	-0.25	-1.82e-04	-8.26e-04	0.0
1252	57	0.01	8.50e-03	-0.25	-1.81e-04	-8.27e-04	0.0
1252	65	8.14e-03	5.18e-03	-0.25	-1.76e-04	-8.50e-04	0.0
1252	81	0.01	8.25e-03	-0.25	-1.80e-04	-8.26e-04	0.0
1252	89	0.01	7.87e-03	-0.25	-1.79e-04	-8.27e-04	0.0
1253	1	0.02	9.96e-03	-0.24	-1.96e-04	-1.04e-03	0.0
1253	17	0.02	0.02	-0.23	-2.04e-04	-9.80e-04	0.0
1253	25	0.02	0.02	-0.23	-2.03e-04	-9.82e-04	0.0
1253	33	8.65e-03	5.28e-03	-0.23	-1.72e-04	-1.01e-03	0.0
1253	49	0.01	8.49e-03	-0.22	-1.75e-04	-9.81e-04	0.0
1253	57	0.01	8.08e-03	-0.22	-1.75e-04	-9.82e-04	0.0
1253	65	8.09e-03	4.94e-03	-0.23	-1.70e-04	-1.01e-03	0.0
1253	81	0.01	7.88e-03	-0.22	-1.73e-04	-9.81e-04	0.0
1253	89	0.01	7.50e-03	-0.22	-1.72e-04	-9.82e-04	0.0
1254	1	0.02	9.43e-03	-0.21	-1.91e-04	-1.18e-03	0.0
1254	17	0.02	0.02	-0.20	-1.99e-04	-1.11e-03	0.0
1254	25	0.02	0.01	-0.20	-1.97e-04	-1.11e-03	0.0
1254	33	8.60e-03	5.13e-03	-0.20	-1.67e-04	-1.14e-03	0.0
1254	49	0.01	8.11e-03	-0.20	-1.71e-04	-1.11e-03	0.0
1254	57	0.01	7.70e-03	-0.20	-1.70e-04	-1.11e-03	0.0
1254	65	8.03e-03	4.81e-03	-0.20	-1.65e-04	-1.14e-03	0.0
1254	81	0.01	7.54e-03	-0.20	-1.69e-04	-1.11e-03	0.0
1254	89	0.01	7.16e-03	-0.20	-1.68e-04	-1.11e-03	0.0
1255	1	0.02	9.15e-03	-0.18	-1.88e-04	-1.28e-03	0.0
1255	17	0.02	0.01	-0.18	-1.96e-04	-1.20e-03	0.0
1255	25	0.02	0.01	-0.18	-1.94e-04	-1.20e-03	0.0
1255	33	8.54e-03	5.10e-03	-0.17	-1.64e-04	-1.24e-03	0.0
1255	49	0.01	7.77e-03	-0.17	-1.68e-04	-1.20e-03	0.0
1255	57	0.01	7.36e-03	-0.17	-1.67e-04	-1.20e-03	0.0
1255	65	7.98e-03	4.81e-03	-0.17	-1.63e-04	-1.24e-03	0.0
1255	81	0.01	7.24e-03	-0.17	-1.66e-04	-1.20e-03	0.0
1255	89	0.01	6.87e-03	-0.17	-1.65e-04	-1.20e-03	0.0
1256	1	0.02	9.14e-03	-0.15	-1.88e-04	-1.34e-03	0.0
1256	17	0.02	0.01	-0.15	-1.96e-04	-1.26e-03	0.0
1256	25	0.02	0.01	-0.15	-1.94e-04	-1.26e-03	0.0
1256	33	8.49e-03	5.22e-03	-0.14	-1.65e-04	-1.30e-03	0.0
1256	49	0.01	7.47e-03	-0.14	-1.68e-04	-1.26e-03	0.0
1256	57	0.01	7.07e-03	-0.14	-1.67e-04	-1.26e-03	0.0
1256	65	7.93e-03	4.93e-03	-0.14	-1.63e-04	-1.29e-03	0.0
1256	81	0.01	6.99e-03	-0.14	-1.66e-04	-1.26e-03	0.0
1256	89	0.01	6.63e-03	-0.14	-1.65e-04	-1.26e-03	0.0
1257	1	0.02	9.38e-03	-0.12	-1.91e-04	-1.35e-03	0.0
1257	17	0.02	0.01	-0.11	-1.99e-04	-1.27e-03	0.0
1257	25	0.02	0.01	-0.11	-1.96e-04	-1.27e-03	0.0
1257	33	8.44e-03	5.47e-03	-0.11	-1.68e-04	-1.31e-03	0.0
1257	49	0.01	7.22e-03	-0.11	-1.71e-04	-1.27e-03	0.0
1257	57	0.01	6.83e-03	-0.11	-1.70e-04	-1.27e-03	0.0
1257	65	7.87e-03	5.18e-03	-0.11	-1.66e-04	-1.31e-03	0.0
1257	81	0.01	6.78e-03	-0.11	-1.69e-04	-1.27e-03	0.0

1257	89	0.01	6.42e-03	-0.11	-1.68e-04	-1.27e-03	0.0
1258	1	0.02	9.81e-03	-0.09	-1.96e-04	-1.32e-03	0.0
1258	17	0.02	0.01	-0.08	-2.03e-04	-1.23e-03	0.0
1258	25	0.02	0.01	-0.08	-2.01e-04	-1.23e-03	0.0
1258	33	8.38e-03	5.82e-03	-0.08	-1.73e-04	-1.28e-03	0.0
1258	49	0.01	7.00e-03	-0.08	-1.76e-04	-1.24e-03	0.0
1258	57	0.01	6.63e-03	-0.08	-1.75e-04	-1.24e-03	0.0
1258	65	7.81e-03	5.53e-03	-0.08	-1.71e-04	-1.27e-03	0.0
1258	81	0.01	6.60e-03	-0.08	-1.74e-04	-1.24e-03	0.0
1258	89	0.01	6.26e-03	-0.08	-1.73e-04	-1.24e-03	0.0
1259	1	0.02	0.01	-0.06	-1.96e-04	-1.23e-03	0.0
1259	17	0.02	0.01	-0.05	-2.03e-04	-1.14e-03	0.0
1259	25	0.02	0.01	-0.05	-2.01e-04	-1.14e-03	0.0
1259	33	8.30e-03	6.28e-03	-0.05	-1.73e-04	-1.19e-03	0.0
1259	49	0.01	6.85e-03	-0.05	-1.77e-04	-1.15e-03	0.0
1259	57	0.01	6.49e-03	-0.05	-1.75e-04	-1.15e-03	0.0
1259	65	7.73e-03	5.97e-03	-0.05	-1.71e-04	-1.19e-03	0.0
1259	81	0.01	6.49e-03	-0.05	-1.75e-04	-1.15e-03	0.0
1259	89	0.01	6.16e-03	-0.05	-1.73e-04	-1.15e-03	0.0
1260	1	0.02	0.01	-0.03	-1.76e-04	-9.41e-04	0.0
1260	17	0.02	0.01	-0.03	-1.83e-04	-9.66e-04	0.0
1260	25	0.02	0.01	-0.03	-1.81e-04	-9.69e-04	0.0
1260	33	8.22e-03	6.87e-03	-0.02	-1.54e-04	-9.88e-04	0.0
1260	49	0.01	6.79e-03	-0.02	-1.57e-04	-1.00e-03	0.0
1260	57	0.01	6.46e-03	-0.02	-1.56e-04	-1.00e-03	0.0
1260	65	7.64e-03	6.54e-03	-0.02	-1.52e-04	-9.91e-04	0.0
1260	81	0.01	6.47e-03	-0.02	-1.56e-04	-1.00e-03	0.0
1260	89	0.01	6.16e-03	-0.02	-1.54e-04	-1.00e-03	0.0
1261	1	0.02	0.01	3.99e-03	-1.18e-04	-7.93e-04	0.0
1261	20	-0.02	-3.31e-03	0.02	-3.35e-05	-9.40e-04	0.0
1261	25	0.02	9.93e-03	2.76e-03	-1.23e-04	-8.15e-04	0.0
1261	33	8.12e-03	7.76e-03	7.27e-03	-9.76e-05	-8.37e-04	0.0
1261	52	-8.46e-03	3.85e-04	0.01	-5.86e-05	-9.06e-04	0.0
1261	57	0.01	6.59e-03	6.72e-03	-9.98e-05	-8.47e-04	0.0
1261	65	7.55e-03	7.41e-03	7.52e-03	-9.61e-05	-8.40e-04	0.0
1261	84	-7.63e-03	6.60e-04	0.01	-6.04e-05	-9.04e-04	0.0
1261	89	0.01	6.34e-03	7.01e-03	-9.81e-05	-8.50e-04	0.0
1262	1	0.02	0.01	0.03	-4.34e-05	-6.99e-04	0.0
1262	20	-0.02	-1.42e-03	0.05	3.71e-05	-8.41e-04	0.0
1262	25	0.02	9.73e-03	0.03	-4.78e-05	-7.15e-04	0.0
1262	33	8.06e-03	8.84e-03	0.03	-2.37e-05	-7.40e-04	0.0
1262	52	-8.51e-03	1.69e-03	0.04	1.32e-05	-8.07e-04	0.0
1262	57	0.01	6.93e-03	0.03	-2.57e-05	-7.48e-04	0.0
1262	65	7.49e-03	8.47e-03	0.03	-2.23e-05	-7.43e-04	0.0
1262	84	-7.68e-03	1.93e-03	0.04	1.15e-05	-8.05e-04	0.0
1262	89	0.01	6.72e-03	0.03	-2.41e-05	-7.51e-04	0.0
1263	6	0.06	-0.02	-0.02	-2.16e-04	1.16e-03	-2.92e-05
1263	7	-0.07	0.01	-0.04	-2.28e-04	1.05e-03	-3.84e-05
1263	38	0.03	-7.75e-03	-0.03	-2.19e-04	1.13e-03	-3.16e-05
1263	39	-0.04	6.69e-03	-0.03	-2.25e-04	1.08e-03	-3.60e-05
1263	70	0.02	-7.15e-03	-0.03	-2.20e-04	1.13e-03	-3.18e-05
1263	71	-0.04	6.08e-03	-0.03	-2.25e-04	1.08e-03	-3.58e-05
1264	6	0.06	-0.02	-0.04	-2.68e-04	1.09e-03	-7.41e-05
1264	7	-0.08	0.01	-0.05	-2.36e-04	9.80e-04	-8.48e-05
1264	38	0.02	-0.01	-0.04	-2.59e-04	1.06e-03	-7.69e-05
1264	39	-0.04	3.34e-03	-0.05	-2.44e-04	1.01e-03	-8.20e-05
1264	70	0.02	-0.01	-0.04	-2.59e-04	1.06e-03	-7.71e-05
1264	71	-0.04	2.74e-03	-0.05	-2.45e-04	1.01e-03	-8.18e-05
1265	6	0.05	-0.02	-0.06	-2.21e-04	1.06e-03	-1.07e-04
1265	7	-0.08	8.04e-03	-0.07	-1.69e-04	9.44e-04	-1.19e-04
1265	38	0.02	-0.01	-0.06	-2.08e-04	1.03e-03	-1.10e-04
1265	39	-0.05	1.74e-04	-0.07	-1.83e-04	9.74e-04	-1.16e-04
1265	70	0.02	-0.01	-0.06	-2.07e-04	1.03e-03	-1.10e-04
1265	71	-0.04	-4.27e-04	-0.06	-1.84e-04	9.76e-04	-1.16e-04
1266	6	0.05	-0.02	-0.07	-1.10e-04	1.04e-03	-1.31e-04
1266	7	-0.08	5.73e-03	-0.08	-4.27e-05	9.17e-04	-1.46e-04
1266	27	-0.04	-5.96e-05	-0.08	-4.07e-05	9.44e-04	-1.24e-04
1266	38	0.02	-0.02	-0.07	-9.22e-05	1.01e-03	-1.35e-04
1266	39	-0.05	-2.17e-03	-0.08	-6.05e-05	9.49e-04	-1.42e-04
1266	59	-0.03	-4.98e-03	-0.08	-5.98e-05	9.62e-04	-1.32e-04
1266	70	0.01	-0.02	-0.07	-9.09e-05	1.00e-03	-1.35e-04
1266	71	-0.04	-2.77e-03	-0.08	-6.18e-05	9.51e-04	-1.42e-04
1266	91	-0.03	-5.35e-03	-0.08	-6.12e-05	9.63e-04	-1.32e-04
1267	6	0.05	-0.03	-0.08	4.00e-05	1.02e-03	-1.49e-04
1267	7	-0.08	4.71e-03	-0.08	1.15e-04	8.93e-04	-1.67e-04
1267	28	-0.03	-0.01	-0.08	5.85e-05	9.55e-04	-1.80e-04
1267	38	0.02	-0.02	-0.08	5.98e-05	9.85e-04	-1.53e-04

1267	39	-0.05	-3.25e-03	-0.08	9.51e-05	9.26e-04	-1.62e-04
1267	60	-0.02	-0.01	-0.08	6.89e-05	9.55e-04	-1.68e-04
1267	70	0.01	-0.02	-0.08	6.13e-05	9.83e-04	-1.54e-04
1267	71	-0.04	-3.86e-03	-0.08	9.36e-05	9.29e-04	-1.61e-04
1267	92	-0.02	-0.01	-0.08	6.96e-05	9.55e-04	-1.67e-04
1268	6	0.05	-0.03	-0.07	1.98e-04	1.00e-03	-1.60e-04
1268	7	-0.08	5.12e-03	-0.07	2.71e-04	8.72e-04	-1.82e-04
1268	32	-0.02	-0.01	-0.08	2.14e-04	9.40e-04	-1.93e-04
1268	38	0.02	-0.02	-0.07	2.17e-04	9.67e-04	-1.65e-04
1268	39	-0.04	-2.90e-03	-0.07	2.52e-04	9.06e-04	-1.76e-04
1268	64	-0.02	-0.01	-0.07	2.25e-04	9.38e-04	-1.81e-04
1268	70	0.01	-0.02	-0.07	2.19e-04	9.64e-04	-1.66e-04
1268	71	-0.04	-3.51e-03	-0.07	2.50e-04	9.08e-04	-1.75e-04
1268	96	-0.02	-0.01	-0.07	2.26e-04	9.37e-04	-1.80e-04
1269	6	0.05	-0.02	-0.06	3.31e-04	9.87e-04	-1.65e-04
1269	7	-0.07	6.83e-03	-0.06	3.94e-04	8.56e-04	-1.91e-04
1269	26	0.01	-0.02	-0.06	3.28e-04	9.58e-04	-1.91e-04
1269	38	0.02	-0.02	-0.06	3.48e-04	9.53e-04	-1.72e-04
1269	39	-0.04	-1.21e-03	-0.06	3.77e-04	8.91e-04	-1.84e-04
1269	58	-2.51e-05	-0.01	-0.06	3.47e-04	9.39e-04	-1.84e-04
1269	70	0.01	-0.02	-0.06	3.49e-04	9.50e-04	-1.72e-04
1269	71	-0.04	-1.83e-03	-0.06	3.76e-04	8.93e-04	-1.84e-04
1269	90	-1.05e-03	-0.01	-0.06	3.48e-04	9.37e-04	-1.84e-04
1270	6	0.05	-0.02	-0.04	4.04e-04	9.84e-04	-1.65e-04
1270	7	-0.07	9.43e-03	-0.04	4.49e-04	8.51e-04	-1.94e-04
1270	26	0.01	-0.02	-0.05	3.96e-04	9.54e-04	-1.92e-04
1270	38	0.02	-0.01	-0.04	4.16e-04	9.49e-04	-1.72e-04
1270	39	-0.04	1.40e-03	-0.04	4.37e-04	8.86e-04	-1.86e-04
1270	58	1.81e-03	-0.01	-0.04	4.12e-04	9.35e-04	-1.85e-04
1270	70	0.02	-0.01	-0.04	4.17e-04	9.47e-04	-1.73e-04
1270	71	-0.04	7.92e-04	-0.04	4.36e-04	8.89e-04	-1.86e-04
1270	90	8.04e-04	-0.01	-0.04	4.14e-04	9.33e-04	-1.85e-04
1271	6	0.05	-0.02	-0.03	3.97e-04	9.94e-04	-1.58e-04
1271	7	-0.07	0.01	-0.02	3.73e-04	8.84e-04	-1.87e-04
1271	38	0.02	-0.01	-0.02	3.91e-04	9.65e-04	-1.65e-04
1271	39	-0.04	4.25e-03	-0.02	3.80e-04	9.12e-04	-1.80e-04
1271	70	0.02	-9.59e-03	-0.02	3.90e-04	9.63e-04	-1.66e-04
1271	71	-0.03	3.64e-03	-0.02	3.80e-04	9.15e-04	-1.79e-04
1272	6	0.07	-0.02	0.06	1.72e-04	6.18e-04	-9.82e-05
1272	38	0.04	-0.01	0.06	1.80e-04	5.79e-04	-1.15e-04
1272	70	0.03	-9.71e-03	0.06	1.80e-04	5.76e-04	-1.16e-04
1273	7	-0.06	0.03	0.08	3.79e-04	8.50e-04	-1.34e-04
1273	13	0.04	7.16e-03	0.09	3.92e-04	9.51e-04	-1.50e-04
1273	39	-0.03	0.02	0.08	3.85e-04	8.73e-04	-1.37e-04
1273	45	0.02	0.01	0.09	3.91e-04	9.22e-04	-1.45e-04
1273	71	-0.03	0.02	0.08	3.86e-04	8.75e-04	-1.38e-04
1273	77	0.01	0.01	0.09	3.91e-04	9.19e-04	-1.45e-04
1274	6	0.06	-0.02	0.07	-2.21e-05	7.83e-04	-1.22e-04
1274	7	-0.07	0.02	0.04	-2.32e-05	6.68e-04	-1.03e-04
1274	38	0.03	-6.98e-03	0.06	-2.24e-05	7.53e-04	-1.17e-04
1274	39	-0.04	8.37e-03	0.05	-2.29e-05	6.98e-04	-1.08e-04
1274	70	0.03	-6.33e-03	0.06	-2.24e-05	7.51e-04	-1.17e-04
1274	71	-0.03	7.72e-03	0.05	-2.29e-05	7.00e-04	-1.09e-04
1275	6	0.06	-0.01	0.06	-1.84e-04	9.16e-04	-1.44e-04
1275	7	-0.08	0.02	0.03	-1.80e-04	8.04e-04	-1.26e-04
1275	38	0.02	-5.35e-03	0.05	-1.83e-04	8.86e-04	-1.39e-04
1275	39	-0.04	9.81e-03	0.04	-1.81e-04	8.33e-04	-1.31e-04
1275	70	0.02	-4.71e-03	0.05	-1.83e-04	8.84e-04	-1.39e-04
1275	71	-0.04	9.18e-03	0.04	-1.81e-04	8.36e-04	-1.31e-04
1276	6	0.05	-0.01	0.04	-2.18e-04	9.64e-04	-1.51e-04
1276	7	-0.08	0.02	0.02	-1.69e-04	8.48e-04	-1.34e-04
1276	38	0.02	-4.86e-03	0.04	-2.05e-04	9.34e-04	-1.47e-04
1276	39	-0.05	0.01	0.03	-1.82e-04	8.79e-04	-1.38e-04
1276	70	0.02	-4.23e-03	0.04	-2.04e-04	9.32e-04	-1.46e-04
1276	71	-0.04	9.69e-03	0.03	-1.83e-04	8.81e-04	-1.39e-04
1277	6	0.05	-0.01	0.03	-1.34e-04	9.68e-04	-1.52e-04
1277	7	-0.08	0.02	9.63e-03	-6.73e-05	8.48e-04	-1.33e-04
1277	38	0.02	-4.62e-03	0.03	-1.16e-04	9.36e-04	-1.47e-04
1277	39	-0.05	0.01	0.02	-8.50e-05	8.80e-04	-1.38e-04
1277	70	0.01	-3.97e-03	0.03	-1.15e-04	9.34e-04	-1.47e-04
1277	71	-0.04	0.01	0.02	-8.63e-05	8.82e-04	-1.39e-04
1278	5	0.04	-9.36e-03	0.02	2.82e-05	9.44e-04	-1.49e-04
1278	7	-0.08	0.02	9.78e-03	8.48e-05	8.35e-04	-1.31e-04
1278	37	0.01	-2.44e-03	0.02	3.77e-05	9.19e-04	-1.45e-04
1278	39	-0.05	0.01	0.01	6.46e-05	8.67e-04	-1.36e-04
1278	69	0.01	-1.90e-03	0.02	3.85e-05	9.17e-04	-1.44e-04
1278	71	-0.04	0.01	0.01	6.31e-05	8.69e-04	-1.37e-04

1279	7	-0.08	0.02	0.01	2.44e-04	8.22e-04	-1.29e-04
1279	25	-3.82e-03	6.56e-03	0.03	2.30e-04	8.79e-04	-1.38e-04
1279	39	-0.04	0.01	0.02	2.24e-04	8.55e-04	-1.34e-04
1279	57	-9.09e-03	6.00e-03	0.02	2.17e-04	8.82e-04	-1.39e-04
1279	71	-0.04	0.01	0.02	2.23e-04	8.57e-04	-1.35e-04
1279	89	-9.50e-03	5.97e-03	0.02	2.16e-04	8.82e-04	-1.39e-04
1280	7	-0.07	0.03	0.03	3.73e-04	8.15e-04	-1.28e-04
1280	29	-4.53e-03	0.01	0.04	3.64e-04	8.69e-04	-1.37e-04
1280	39	-0.04	0.02	0.03	3.55e-04	8.48e-04	-1.33e-04
1280	61	-8.58e-03	9.13e-03	0.03	3.51e-04	8.73e-04	-1.37e-04
1280	71	-0.04	0.02	0.03	3.54e-04	8.50e-04	-1.34e-04
1280	93	-8.90e-03	9.05e-03	0.03	3.50e-04	8.74e-04	-1.37e-04
1281	7	-0.07	0.03	0.05	4.36e-04	8.28e-04	-1.30e-04
1281	29	-2.74e-03	0.01	0.05	4.36e-04	9.13e-04	-1.44e-04
1281	39	-0.04	0.02	0.05	4.24e-04	8.53e-04	-1.34e-04
1281	61	-6.69e-03	0.01	0.05	4.24e-04	8.93e-04	-1.41e-04
1281	71	-0.04	0.02	0.05	4.23e-04	8.55e-04	-1.34e-04
1281	93	-7.00e-03	0.01	0.05	4.23e-04	8.92e-04	-1.40e-04
1282	7	-0.07	0.03	0.07	3.98e-04	8.36e-04	-1.34e-04
1282	29	-1.13e-03	0.02	0.07	3.90e-04	9.21e-04	-1.46e-04
1282	39	-0.04	0.02	0.07	4.05e-04	8.60e-04	-1.37e-04
1282	61	-4.90e-03	0.02	0.07	4.02e-04	9.00e-04	-1.43e-04
1282	71	-0.03	0.02	0.07	4.06e-04	8.62e-04	-1.37e-04
1282	93	-5.19e-03	0.01	0.07	4.02e-04	8.99e-04	-1.43e-04
1283	7	-0.06	0.03	0.06	3.67e-04	8.59e-04	-1.35e-04
1283	29	2.91e-04	0.01	0.06	3.60e-04	9.41e-04	-1.48e-04
1283	39	-0.03	0.02	0.06	3.74e-04	8.83e-04	-1.39e-04
1283	61	-3.22e-03	0.01	0.06	3.71e-04	9.21e-04	-1.45e-04
1283	71	-0.03	0.02	0.06	3.74e-04	8.84e-04	-1.39e-04
1283	93	-3.49e-03	0.01	0.06	3.72e-04	9.20e-04	-1.45e-04
1284	7	-0.06	0.02	0.02	3.22e-04	8.98e-04	-1.41e-04
1284	29	4.34e-05	7.02e-03	0.03	3.19e-04	9.77e-04	-1.54e-04
1284	39	-0.03	0.01	0.02	3.30e-04	9.21e-04	-1.45e-04
1284	61	-3.46e-03	5.64e-03	0.03	3.29e-04	9.58e-04	-1.51e-04
1284	71	-0.03	0.01	0.02	3.31e-04	9.23e-04	-1.45e-04
1284	93	-3.73e-03	5.54e-03	0.03	3.30e-04	9.57e-04	-1.51e-04
1285	6	0.05	-0.02	-0.02	3.20e-04	1.02e-03	-1.51e-04
1285	7	-0.07	0.01	-9.02e-03	2.84e-04	9.14e-04	-1.79e-04
1285	38	0.02	-8.89e-03	-0.02	3.10e-04	9.94e-04	-1.58e-04
1285	39	-0.03	5.43e-03	-0.01	2.94e-04	9.42e-04	-1.72e-04
1285	70	0.02	-8.29e-03	-0.02	3.10e-04	9.92e-04	-1.59e-04
1285	71	-0.03	4.83e-03	-0.01	2.94e-04	9.44e-04	-1.71e-04
1286	6	0.05	-0.02	-0.04	4.22e-04	9.90e-04	-1.62e-04
1286	7	-0.07	0.01	-0.03	4.23e-04	8.57e-04	-1.92e-04
1286	26	0.02	-0.01	-0.04	4.45e-04	9.60e-04	-1.90e-04
1286	38	0.02	-0.01	-0.03	4.22e-04	9.55e-04	-1.70e-04
1286	39	-0.04	2.86e-03	-0.03	4.23e-04	8.92e-04	-1.84e-04
1286	58	2.77e-03	-9.06e-03	-0.03	4.33e-04	9.41e-04	-1.83e-04
1286	70	0.02	-0.01	-0.03	4.22e-04	9.52e-04	-1.71e-04
1286	71	-0.04	2.24e-03	-0.03	4.23e-04	8.95e-04	-1.84e-04
1286	90	1.77e-03	-8.66e-03	-0.03	4.32e-04	9.39e-04	-1.82e-04
1287	6	0.05	-0.02	-0.05	3.77e-04	9.84e-04	-1.66e-04
1287	7	-0.07	8.06e-03	-0.05	4.32e-04	8.52e-04	-1.93e-04
1287	26	0.01	-0.02	-0.06	3.72e-04	9.54e-04	-1.92e-04
1287	38	0.02	-0.01	-0.05	3.92e-04	9.49e-04	-1.73e-04
1287	39	-0.04	1.68e-05	-0.05	4.17e-04	8.86e-04	-1.86e-04
1287	58	8.62e-04	-0.01	-0.05	3.90e-04	9.35e-04	-1.85e-04
1287	70	0.02	-0.01	-0.05	3.93e-04	9.47e-04	-1.73e-04
1287	71	-0.04	-5.97e-04	-0.05	4.16e-04	8.89e-04	-1.85e-04
1287	90	-1.55e-04	-0.01	-0.05	3.91e-04	9.33e-04	-1.85e-04
1288	6	0.05	-0.02	-0.07	2.70e-04	9.93e-04	-1.63e-04
1288	7	-0.08	5.83e-03	-0.06	3.39e-04	8.63e-04	-1.87e-04
1288	30	0.01	-0.02	-0.07	2.71e-04	9.61e-04	-1.90e-04
1288	38	0.02	-0.02	-0.07	2.88e-04	9.59e-04	-1.69e-04
1288	39	-0.04	-2.20e-03	-0.07	3.21e-04	8.97e-04	-1.81e-04
1288	62	-1.89e-03	-0.01	-0.07	2.89e-04	9.44e-04	-1.82e-04
1288	70	0.01	-0.02	-0.07	2.89e-04	9.57e-04	-1.70e-04
1288	71	-0.04	-2.82e-03	-0.07	3.19e-04	9.00e-04	-1.80e-04
1288	94	-2.84e-03	-0.01	-0.07	2.90e-04	9.42e-04	-1.81e-04
1289	6	0.05	-0.03	-0.08	1.20e-04	1.01e-03	-1.55e-04
1289	7	-0.08	4.74e-03	-0.08	1.95e-04	8.82e-04	-1.75e-04
1289	32	-0.02	-0.01	-0.08	1.37e-04	9.49e-04	-1.87e-04
1289	38	0.02	-0.02	-0.08	1.40e-04	9.76e-04	-1.60e-04
1289	39	-0.05	-3.25e-03	-0.08	1.75e-04	9.16e-04	-1.70e-04
1289	64	-0.02	-0.01	-0.08	1.48e-04	9.47e-04	-1.75e-04
1289	70	0.01	-0.02	-0.08	1.41e-04	9.73e-04	-1.60e-04
1289	71	-0.04	-3.86e-03	-0.08	1.74e-04	9.18e-04	-1.69e-04

1289	96	-0.02	-0.01	-0.08	1.49e-04	9.47e-04	-1.74e-04
1290	6	0.05	-0.03	-0.08	-3.80e-05	1.03e-03	-1.41e-04
1290	7	-0.08	5.04e-03	-0.08	3.42e-05	9.05e-04	-1.57e-04
1290	28	-0.03	-0.01	-0.08	-2.14e-05	9.66e-04	-1.71e-04
1290	38	0.02	-0.02	-0.08	-1.89e-05	9.95e-04	-1.45e-04
1290	39	-0.05	-2.89e-03	-0.08	1.51e-05	9.37e-04	-1.53e-04
1290	60	-0.02	-0.01	-0.08	-1.07e-05	9.66e-04	-1.59e-04
1290	70	0.01	-0.02	-0.08	-1.75e-05	9.93e-04	-1.45e-04
1290	71	-0.04	-3.49e-03	-0.08	1.37e-05	9.40e-04	-1.52e-04
1290	92	-0.02	-0.01	-0.08	-9.97e-06	9.66e-04	-1.58e-04
1291	6	0.05	-0.02	-0.06	-1.72e-04	1.05e-03	-1.20e-04
1291	7	-0.08	6.74e-03	-0.07	-1.12e-04	9.30e-04	-1.33e-04
1291	27	-0.04	9.00e-04	-0.07	-1.07e-04	9.56e-04	-1.12e-04
1291	38	0.02	-0.02	-0.07	-1.56e-04	1.02e-03	-1.23e-04
1291	39	-0.05	-1.13e-03	-0.07	-1.28e-04	9.61e-04	-1.30e-04
1291	59	-0.03	-3.97e-03	-0.07	-1.26e-04	9.74e-04	-1.20e-04
1291	70	0.01	-0.01	-0.07	-1.55e-04	1.01e-03	-1.24e-04
1291	71	-0.04	-1.74e-03	-0.07	-1.29e-04	9.63e-04	-1.30e-04
1291	91	-0.03	-4.33e-03	-0.07	-1.27e-04	9.75e-04	-1.20e-04
1292	6	0.06	-0.02	-0.05	-2.54e-04	1.07e-03	-9.16e-05
1292	7	-0.08	9.55e-03	-0.06	-2.12e-04	9.60e-04	-1.03e-04
1292	38	0.02	-0.01	-0.05	-2.43e-04	1.04e-03	-9.46e-05
1292	39	-0.04	1.69e-03	-0.06	-2.23e-04	9.89e-04	-1.00e-04
1292	70	0.02	-0.01	-0.05	-2.42e-04	1.04e-03	-9.48e-05
1292	71	-0.04	1.09e-03	-0.06	-2.24e-04	9.92e-04	-9.99e-05
1293	6	0.06	-0.02	-0.03	-2.50e-04	1.12e-03	-5.35e-05
1293	7	-0.08	0.01	-0.04	-2.48e-04	1.01e-03	-6.35e-05
1293	38	0.02	-9.32e-03	-0.03	-2.50e-04	1.09e-03	-5.61e-05
1293	39	-0.04	5.04e-03	-0.04	-2.49e-04	1.04e-03	-6.09e-05
1293	70	0.02	-8.72e-03	-0.03	-2.50e-04	1.09e-03	-5.63e-05
1293	71	-0.04	4.44e-03	-0.04	-2.49e-04	1.04e-03	-6.07e-05
1294	7	-0.07	0.02	-0.03	-1.96e-04	1.12e-03	-9.58e-06
1294	39	-0.03	8.17e-03	-0.02	-1.80e-04	1.15e-03	-7.43e-06
1294	71	-0.03	7.56e-03	-0.02	-1.79e-04	1.15e-03	-7.26e-06
1295	6	0.07	-0.01	0.02	3.26e-05	7.68e-04	-2.17e-04
1295	7	-0.07	0.02	7.39e-03	-1.61e-05	6.16e-04	-3.02e-04
1295	38	0.04	-6.21e-03	0.02	1.96e-05	7.28e-04	-2.39e-04
1295	39	-0.03	8.67e-03	0.01	-3.22e-06	6.56e-04	-2.80e-04
1295	70	0.03	-5.58e-03	0.02	1.87e-05	7.25e-04	-2.41e-04
1295	71	-0.03	8.05e-03	0.01	-2.25e-06	6.59e-04	-2.78e-04
1296	6	0.07	-0.02	0.04	1.01e-04	6.27e-04	-1.45e-04
1296	38	0.04	-8.29e-03	0.04	1.02e-04	5.87e-04	-1.60e-04
1296	70	0.03	-7.65e-03	0.04	1.03e-04	5.84e-04	-1.61e-04
1297	6	0.07	-0.02	0.07	9.52e-05	6.89e-04	-1.09e-04
1297	7	-0.07	0.02	0.04	9.73e-05	5.63e-04	-9.10e-05
1297	38	0.03	-8.46e-03	0.06	9.58e-05	6.56e-04	-1.04e-04
1297	39	-0.03	7.06e-03	0.05	9.67e-05	5.96e-04	-9.56e-05
1297	70	0.03	-7.81e-03	0.06	9.58e-05	6.54e-04	-1.04e-04
1297	71	-0.03	6.41e-03	0.05	9.67e-05	5.99e-04	-9.60e-05
1298	6	0.06	-0.01	0.07	-1.22e-04	8.62e-04	-1.36e-04
1298	7	-0.08	0.02	0.04	-1.20e-04	7.50e-04	-1.18e-04
1298	38	0.03	-5.97e-03	0.06	-1.22e-04	8.32e-04	-1.31e-04
1298	39	-0.04	9.26e-03	0.05	-1.21e-04	7.79e-04	-1.23e-04
1298	70	0.02	-5.33e-03	0.06	-1.22e-04	8.30e-04	-1.31e-04
1298	71	-0.04	8.62e-03	0.05	-1.21e-04	7.81e-04	-1.23e-04
1299	6	0.06	-0.01	0.05	-2.24e-04	9.48e-04	-1.50e-04
1299	7	-0.08	0.02	0.03	-1.84e-04	8.35e-04	-1.31e-04
1299	38	0.02	-5.02e-03	0.05	-2.13e-04	9.18e-04	-1.45e-04
1299	39	-0.04	0.01	0.03	-1.95e-04	8.64e-04	-1.36e-04
1299	70	0.02	-4.38e-03	0.05	-2.12e-04	9.16e-04	-1.44e-04
1299	71	-0.04	9.50e-03	0.03	-1.95e-04	8.67e-04	-1.37e-04
1300	6	0.05	-0.01	0.04	-1.86e-04	9.69e-04	-1.53e-04
1300	7	-0.08	0.02	0.01	-1.27e-04	8.51e-04	-1.34e-04
1300	38	0.02	-4.76e-03	0.03	-1.70e-04	9.38e-04	-1.48e-04
1300	39	-0.05	0.01	0.02	-1.43e-04	8.82e-04	-1.39e-04
1300	70	0.01	-4.12e-03	0.03	-1.69e-04	9.36e-04	-1.47e-04
1300	71	-0.04	9.86e-03	0.02	-1.44e-04	8.85e-04	-1.39e-04
1301	5	0.04	-9.80e-03	0.03	-4.76e-05	9.50e-04	-1.50e-04
1301	7	-0.08	0.02	0.01	5.23e-06	8.42e-04	-1.33e-04
1301	37	0.01	-2.92e-03	0.02	-3.90e-05	9.25e-04	-1.46e-04
1301	39	-0.05	0.01	0.01	-1.40e-05	8.74e-04	-1.38e-04
1301	69	0.01	-2.39e-03	0.02	-3.84e-05	9.23e-04	-1.45e-04
1301	71	-0.04	0.01	0.01	-1.54e-05	8.76e-04	-1.38e-04
1302	5	0.04	-8.70e-03	0.02	1.08e-04	9.38e-04	-1.47e-04
1302	7	-0.08	0.02	0.01	1.66e-04	8.28e-04	-1.30e-04
1302	37	0.01	-1.74e-03	0.02	1.18e-04	9.12e-04	-1.43e-04
1302	39	-0.04	0.01	0.01	1.46e-04	8.60e-04	-1.35e-04

1302	69	0.01	-1.20e-03	0.02	1.19e-04	9.10e-04	-1.43e-04
1302	71	-0.04	0.01	0.01	1.44e-04	8.63e-04	-1.36e-04
1303	7	-0.08	0.02	0.02	3.15e-04	8.18e-04	-1.29e-04
1303	25	-3.14e-03	7.78e-03	0.03	3.02e-04	8.74e-04	-1.38e-04
1303	39	-0.04	0.01	0.02	2.96e-04	8.50e-04	-1.34e-04
1303	57	-8.37e-03	7.19e-03	0.03	2.89e-04	8.77e-04	-1.38e-04
1303	71	-0.04	0.01	0.02	2.94e-04	8.53e-04	-1.34e-04
1303	89	-8.78e-03	7.15e-03	0.03	2.88e-04	8.78e-04	-1.38e-04
1304	7	-0.07	0.03	0.04	4.14e-04	8.14e-04	-1.28e-04
1304	29	-3.64e-03	0.01	0.05	4.10e-04	8.68e-04	-1.37e-04
1304	39	-0.04	0.02	0.04	3.99e-04	8.46e-04	-1.33e-04
1304	61	-7.65e-03	0.01	0.04	3.97e-04	8.72e-04	-1.37e-04
1304	71	-0.04	0.02	0.04	3.98e-04	8.49e-04	-1.34e-04
1304	93	-7.96e-03	0.01	0.04	3.96e-04	8.72e-04	-1.37e-04
1305	7	-0.07	0.03	0.06	4.38e-04	8.31e-04	-1.27e-04
1305	29	-1.90e-03	0.01	0.06	4.50e-04	9.16e-04	-1.36e-04
1305	39	-0.04	0.02	0.06	4.29e-04	8.55e-04	-1.33e-04
1305	61	-5.77e-03	0.01	0.06	4.34e-04	8.96e-04	-1.37e-04
1305	71	-0.04	0.02	0.06	4.28e-04	8.57e-04	-1.33e-04
1305	93	-6.07e-03	0.01	0.06	4.33e-04	8.94e-04	-1.37e-04
1306	7	-0.07	0.03	0.07	3.85e-04	8.44e-04	-1.33e-04
1306	13	0.04	5.79e-03	0.08	3.98e-04	9.47e-04	-1.49e-04
1306	39	-0.04	0.02	0.08	3.92e-04	8.68e-04	-1.37e-04
1306	45	0.02	0.01	0.08	3.98e-04	9.17e-04	-1.44e-04
1306	71	-0.03	0.02	0.08	3.92e-04	8.70e-04	-1.37e-04
1306	77	0.01	0.01	0.08	3.98e-04	9.15e-04	-1.44e-04
1307	7	-0.07	0.02	0.02	3.43e-04	8.67e-04	-1.36e-04
1307	29	-2.55e-04	6.11e-03	0.02	3.39e-04	9.50e-04	-1.50e-04
1307	39	-0.03	0.01	0.02	3.51e-04	8.92e-04	-1.40e-04
1307	61	-3.90e-03	4.71e-03	0.02	3.49e-04	9.31e-04	-1.46e-04
1307	71	-0.03	0.01	0.02	3.51e-04	8.94e-04	-1.41e-04
1307	93	-4.18e-03	4.61e-03	0.02	3.50e-04	9.30e-04	-1.46e-04
1308	7	-0.07	0.03	0.05	3.74e-04	8.47e-04	-1.33e-04
1308	29	-4.12e-04	0.01	0.05	3.66e-04	9.31e-04	-1.46e-04
1308	39	-0.04	0.02	0.05	3.81e-04	8.71e-04	-1.37e-04
1308	61	-4.06e-03	0.01	0.05	3.77e-04	9.10e-04	-1.43e-04
1308	71	-0.03	0.02	0.05	3.81e-04	8.73e-04	-1.37e-04
1308	93	-4.34e-03	0.01	0.05	3.78e-04	9.09e-04	-1.43e-04
1309	7	-0.07	0.02	8.25e-03	3.86e-04	8.31e-04	-1.36e-04
1309	29	-9.96e-04	5.14e-03	0.01	3.77e-04	8.88e-04	-1.49e-04
1309	39	-0.04	0.01	8.59e-03	3.92e-04	8.64e-04	-1.39e-04
1309	61	-4.76e-03	3.73e-03	0.01	3.88e-04	8.91e-04	-1.46e-04
1309	71	-0.03	9.44e-03	8.62e-03	3.93e-04	8.67e-04	-1.40e-04
1309	93	-5.05e-03	3.63e-03	0.01	3.89e-04	8.92e-04	-1.45e-04
1310	7	-0.07	0.02	0.04	3.94e-04	8.34e-04	-1.35e-04
1310	29	-1.11e-03	0.01	0.04	3.85e-04	9.20e-04	-1.47e-04
1310	39	-0.04	0.02	0.04	4.00e-04	8.59e-04	-1.38e-04
1310	61	-4.87e-03	9.33e-03	0.04	3.96e-04	8.99e-04	-1.44e-04
1310	71	-0.03	0.02	0.04	4.01e-04	8.61e-04	-1.38e-04
1310	93	-5.16e-03	9.24e-03	0.04	3.97e-04	8.98e-04	-1.43e-04
1311	7	-0.07	0.02	-1.09e-03	4.23e-04	8.28e-04	-1.30e-04
1311	32	-0.02	-1.36e-03	-5.23e-03	4.50e-04	8.97e-04	-1.43e-04
1311	39	-0.04	8.78e-03	-8.80e-04	4.23e-04	8.61e-04	-1.36e-04
1311	64	-0.01	5.25e-05	-2.77e-03	4.35e-04	8.93e-04	-1.42e-04
1311	71	-0.04	8.14e-03	-8.64e-04	4.23e-04	8.64e-04	-1.36e-04
1311	96	-0.01	1.52e-04	-2.59e-03	4.34e-04	8.93e-04	-1.42e-04
1312	7	-0.07	0.02	0.03	4.21e-04	8.31e-04	-1.28e-04
1312	29	-1.88e-03	9.26e-03	0.03	3.97e-04	9.17e-04	-1.37e-04
1312	39	-0.04	0.01	0.03	4.21e-04	8.56e-04	-1.33e-04
1312	61	-5.75e-03	7.93e-03	0.03	4.09e-04	8.97e-04	-1.38e-04
1312	71	-0.04	0.01	0.03	4.21e-04	8.58e-04	-1.34e-04
1312	93	-6.05e-03	7.84e-03	0.03	4.10e-04	8.95e-04	-1.38e-04
1313	6	0.05	-0.02	-0.01	4.00e-04	9.58e-04	-1.51e-04
1313	7	-0.07	0.02	-0.01	4.44e-04	8.32e-04	-1.31e-04
1313	32	-0.02	-2.80e-03	-0.02	3.99e-04	9.00e-04	-1.42e-04
1313	38	0.02	-7.80e-03	-0.01	4.12e-04	9.25e-04	-1.45e-04
1313	39	-0.04	7.35e-03	-0.01	4.32e-04	8.65e-04	-1.36e-04
1313	64	-0.01	-1.39e-03	-0.01	4.11e-04	8.97e-04	-1.41e-04
1313	70	0.02	-7.16e-03	-0.01	4.12e-04	9.22e-04	-1.45e-04
1313	71	-0.04	6.71e-03	-0.01	4.32e-04	8.67e-04	-1.36e-04
1313	96	-0.01	-1.29e-03	-0.01	4.12e-04	8.97e-04	-1.41e-04
1314	7	-0.07	0.02	0.02	4.38e-04	8.19e-04	-1.29e-04
1314	29	-2.74e-03	7.78e-03	0.02	4.39e-04	8.74e-04	-1.38e-04
1314	39	-0.04	0.01	0.02	4.26e-04	8.52e-04	-1.34e-04
1314	61	-6.69e-03	6.46e-03	0.02	4.26e-04	8.79e-04	-1.38e-04
1314	71	-0.04	0.01	0.02	4.25e-04	8.54e-04	-1.34e-04
1314	93	-6.99e-03	6.36e-03	0.02	4.25e-04	8.79e-04	-1.38e-04

1315	6	0.05	-0.02	-0.02	3.71e-04	9.63e-04	-1.51e-04
1315	7	-0.07	0.01	-0.02	4.26e-04	8.38e-04	-1.32e-04
1315	32	-0.02	-4.19e-03	-0.03	3.75e-04	9.06e-04	-1.42e-04
1315	38	0.02	-9.22e-03	-0.02	3.85e-04	9.30e-04	-1.46e-04
1315	39	-0.04	5.93e-03	-0.02	4.11e-04	8.71e-04	-1.37e-04
1315	64	-0.01	-2.80e-03	-0.02	3.88e-04	9.02e-04	-1.42e-04
1315	70	0.02	-8.59e-03	-0.02	3.86e-04	9.27e-04	-1.46e-04
1315	71	-0.04	5.29e-03	-0.02	4.10e-04	8.73e-04	-1.37e-04
1315	96	-0.01	-2.70e-03	-0.02	3.89e-04	9.02e-04	-1.42e-04
1316	7	-0.07	0.02	8.80e-03	4.18e-04	8.23e-04	-1.30e-04
1316	29	-3.65e-03	6.30e-03	0.02	4.14e-04	8.79e-04	-1.38e-04
1316	39	-0.04	0.01	9.11e-03	4.03e-04	8.56e-04	-1.35e-04
1316	61	-7.66e-03	4.98e-03	0.01	4.01e-04	8.83e-04	-1.39e-04
1316	71	-0.04	0.01	9.14e-03	4.02e-04	8.58e-04	-1.35e-04
1316	93	-7.97e-03	4.89e-03	0.01	4.00e-04	8.83e-04	-1.39e-04
1317	6	0.05	-0.02	-0.03	3.23e-04	9.68e-04	-1.52e-04
1317	7	-0.07	0.01	-0.03	3.86e-04	8.44e-04	-1.33e-04
1317	32	-0.02	-5.44e-03	-0.03	3.32e-04	9.12e-04	-1.43e-04
1317	38	0.02	-0.01	-0.03	3.40e-04	9.36e-04	-1.47e-04
1317	39	-0.04	4.62e-03	-0.03	3.69e-04	8.77e-04	-1.38e-04
1317	64	-0.02	-4.07e-03	-0.03	3.44e-04	9.08e-04	-1.43e-04
1317	70	0.01	-9.87e-03	-0.03	3.41e-04	9.33e-04	-1.47e-04
1317	71	-0.04	3.98e-03	-0.03	3.68e-04	8.79e-04	-1.38e-04
1317	96	-0.02	-3.98e-03	-0.03	3.45e-04	9.08e-04	-1.43e-04
1318	7	-0.07	0.02	8.02e-06	3.78e-04	8.28e-04	-1.30e-04
1318	29	-4.57e-03	4.89e-03	7.47e-03	3.70e-04	8.84e-04	-1.39e-04
1318	39	-0.04	0.01	5.24e-04	3.61e-04	8.61e-04	-1.35e-04
1318	61	-8.62e-03	3.60e-03	4.00e-03	3.57e-04	8.88e-04	-1.40e-04
1318	71	-0.04	9.71e-03	5.66e-04	3.60e-04	8.63e-04	-1.36e-04
1318	93	-8.93e-03	3.51e-03	3.75e-03	3.56e-04	8.88e-04	-1.40e-04
1319	6	0.05	-0.02	-0.04	2.60e-04	9.75e-04	-1.53e-04
1319	7	-0.08	0.01	-0.04	3.30e-04	8.51e-04	-1.34e-04
1319	32	-0.02	-6.47e-03	-0.04	2.73e-04	9.18e-04	-1.45e-04
1319	38	0.02	-0.01	-0.04	2.79e-04	9.42e-04	-1.48e-04
1319	39	-0.04	3.50e-03	-0.04	3.12e-04	8.84e-04	-1.39e-04
1319	64	-0.02	-5.14e-03	-0.04	2.85e-04	9.15e-04	-1.44e-04
1319	70	0.01	-0.01	-0.04	2.80e-04	9.40e-04	-1.48e-04
1319	71	-0.04	2.87e-03	-0.04	3.10e-04	8.86e-04	-1.40e-04
1319	96	-0.02	-5.04e-03	-0.04	2.86e-04	9.15e-04	-1.44e-04
1320	7	-0.08	0.02	-7.49e-03	3.21e-04	8.34e-04	-1.31e-04
1320	32	-0.02	-9.47e-04	-0.01	2.62e-04	9.02e-04	-1.42e-04
1320	39	-0.04	9.12e-03	-6.68e-03	3.03e-04	8.67e-04	-1.37e-04
1320	60	-0.02	8.73e-04	-9.02e-03	2.76e-04	8.97e-04	-1.41e-04
1320	71	-0.04	8.47e-03	-6.62e-03	3.01e-04	8.69e-04	-1.37e-04
1320	92	-0.02	9.13e-04	-8.75e-03	2.77e-04	8.97e-04	-1.41e-04
1321	6	0.05	-0.02	-0.04	1.87e-04	9.81e-04	-1.54e-04
1321	7	-0.08	0.01	-0.04	2.61e-04	8.59e-04	-1.35e-04
1321	32	-0.02	-7.23e-03	-0.05	2.02e-04	9.25e-04	-1.45e-04
1321	38	0.02	-0.01	-0.04	2.07e-04	9.49e-04	-1.49e-04
1321	39	-0.04	2.64e-03	-0.04	2.42e-04	8.91e-04	-1.40e-04
1321	64	-0.02	-5.93e-03	-0.04	2.14e-04	9.22e-04	-1.45e-04
1321	70	0.01	-0.01	-0.04	2.08e-04	9.47e-04	-1.49e-04
1321	71	-0.04	2.01e-03	-0.04	2.40e-04	8.94e-04	-1.40e-04
1321	96	-0.02	-5.84e-03	-0.04	2.15e-04	9.22e-04	-1.45e-04
1322	7	-0.08	0.02	-0.01	2.52e-04	8.41e-04	-1.32e-04
1322	28	-0.02	-7.09e-04	-0.02	1.93e-04	9.06e-04	-1.42e-04
1322	39	-0.04	8.08e-03	-0.01	2.32e-04	8.73e-04	-1.37e-04
1322	60	-0.02	-8.72e-05	-0.01	2.05e-04	9.03e-04	-1.42e-04
1322	71	-0.04	7.43e-03	-0.01	2.31e-04	8.75e-04	-1.38e-04
1322	92	-0.02	-4.89e-05	-0.01	2.06e-04	9.03e-04	-1.42e-04
1323	6	0.05	-0.02	-0.04	1.09e-04	9.88e-04	-1.55e-04
1323	7	-0.08	0.01	-0.05	1.84e-04	8.67e-04	-1.36e-04
1323	28	-0.02	-6.58e-03	-0.05	1.26e-04	9.30e-04	-1.46e-04
1323	38	0.02	-0.01	-0.04	1.29e-04	9.56e-04	-1.50e-04
1323	39	-0.05	2.07e-03	-0.05	1.64e-04	8.99e-04	-1.41e-04
1323	60	-0.02	-5.89e-03	-0.05	1.37e-04	9.28e-04	-1.46e-04
1323	70	0.01	-0.01	-0.04	1.30e-04	9.54e-04	-1.50e-04
1323	71	-0.04	1.45e-03	-0.05	1.63e-04	9.01e-04	-1.42e-04
1323	92	-0.02	-5.85e-03	-0.05	1.38e-04	9.28e-04	-1.46e-04
1324	6	0.05	-0.02	-0.01	9.83e-05	9.69e-04	-1.52e-04
1324	7	-0.08	0.02	-0.02	1.75e-04	8.48e-04	-1.33e-04
1324	28	-0.02	-1.37e-03	-0.02	1.14e-04	9.12e-04	-1.43e-04
1324	38	0.02	-8.07e-03	-0.01	1.18e-04	9.37e-04	-1.47e-04
1324	39	-0.05	7.29e-03	-0.02	1.54e-04	8.80e-04	-1.38e-04
1324	60	-0.02	-7.90e-04	-0.02	1.26e-04	9.10e-04	-1.43e-04
1324	70	0.01	-7.42e-03	-0.01	1.20e-04	9.35e-04	-1.47e-04
1324	71	-0.04	6.65e-03	-0.02	1.53e-04	8.82e-04	-1.39e-04

1324	92	-0.02	-7.55e-04	-0.02	1.27e-04	9.10e-04	-1.43e-04
1325	6	0.05	-0.02	-0.04	2.84e-05	9.95e-04	-1.57e-04
1325	7	-0.08	9.99e-03	-0.05	1.03e-04	8.76e-04	-1.38e-04
1325	28	-0.03	-6.71e-03	-0.05	4.53e-05	9.37e-04	-1.47e-04
1325	38	0.02	-0.01	-0.04	4.82e-05	9.64e-04	-1.52e-04
1325	39	-0.05	1.82e-03	-0.05	8.35e-05	9.07e-04	-1.43e-04
1325	60	-0.02	-6.07e-03	-0.05	5.66e-05	9.36e-04	-1.47e-04
1325	70	0.01	-0.01	-0.04	4.97e-05	9.61e-04	-1.51e-04
1325	71	-0.04	1.20e-03	-0.05	8.20e-05	9.09e-04	-1.43e-04
1325	92	-0.02	-6.03e-03	-0.05	5.74e-05	9.36e-04	-1.47e-04
1326	6	0.05	-0.02	-0.01	1.80e-05	9.75e-04	-1.53e-04
1326	7	-0.08	0.02	-0.02	9.33e-05	8.55e-04	-1.35e-04
1326	28	-0.03	-1.75e-03	-0.02	3.32e-05	9.19e-04	-1.45e-04
1326	38	0.02	-8.48e-03	-0.01	3.80e-05	9.44e-04	-1.48e-04
1326	39	-0.05	6.77e-03	-0.02	7.34e-05	8.87e-04	-1.40e-04
1326	60	-0.02	-1.22e-03	-0.02	4.55e-05	9.16e-04	-1.44e-04
1326	70	0.01	-7.84e-03	-0.01	3.95e-05	9.41e-04	-1.48e-04
1326	71	-0.04	6.13e-03	-0.02	7.19e-05	8.89e-04	-1.40e-04
1326	92	-0.02	-1.19e-03	-0.02	4.64e-05	9.16e-04	-1.44e-04
1327	6	0.05	-0.02	-0.04	-4.96e-05	1.00e-03	-1.58e-04
1327	7	-0.08	0.01	-0.05	2.23e-05	8.84e-04	-1.39e-04
1327	28	-0.03	-6.51e-03	-0.05	-3.48e-05	9.45e-04	-1.49e-04
1327	38	0.02	-0.01	-0.04	-3.06e-05	9.71e-04	-1.53e-04
1327	39	-0.05	1.89e-03	-0.05	3.33e-06	9.15e-04	-1.44e-04
1327	60	-0.02	-5.92e-03	-0.05	-2.32e-05	9.44e-04	-1.49e-04
1327	70	0.01	-0.01	-0.04	-2.91e-05	9.68e-04	-1.53e-04
1327	71	-0.04	1.27e-03	-0.05	1.91e-06	9.17e-04	-1.45e-04
1327	92	-0.02	-5.88e-03	-0.05	-2.24e-05	9.43e-04	-1.49e-04
1328	6	0.05	-0.02	-8.81e-03	-5.89e-05	9.81e-04	-1.54e-04
1328	7	-0.08	0.01	-0.02	1.30e-05	8.62e-04	-1.36e-04
1328	8	-0.08	0.01	-0.02	-5.63e-06	8.74e-04	-1.38e-04
1328	38	0.02	-8.63e-03	-0.01	-3.99e-05	9.50e-04	-1.50e-04
1328	39	-0.05	6.51e-03	-0.02	-6.03e-06	9.33e-04	-1.41e-04
1328	40	-0.04	5.09e-03	-0.02	-1.46e-05	8.99e-04	-1.42e-04
1328	70	0.01	-7.99e-03	-0.01	-3.84e-05	9.47e-04	-1.49e-04
1328	71	-0.04	5.88e-03	-0.02	-7.46e-06	8.96e-04	-1.41e-04
1328	72	-0.04	4.57e-03	-0.02	-1.53e-05	9.01e-04	-1.42e-04
1329	6	0.05	-0.02	-0.03	-1.21e-04	1.01e-03	-1.58e-04
1329	7	-0.08	0.01	-0.05	-5.44e-05	8.92e-04	-1.40e-04
1329	27	-0.04	4.16e-03	-0.05	-5.10e-05	9.16e-04	-1.44e-04
1329	38	0.02	-0.01	-0.04	-1.04e-04	9.77e-04	-1.54e-04
1329	39	-0.05	2.26e-03	-0.04	-7.20e-05	9.22e-04	-1.45e-04
1329	70	0.01	-0.01	-0.04	-1.02e-04	9.75e-04	-1.53e-04
1329	71	-0.04	1.64e-03	-0.04	-7.34e-05	9.25e-04	-1.45e-04
1330	6	0.05	-0.02	-9.39e-04	-1.28e-04	9.85e-04	-1.55e-04
1330	7	-0.08	0.01	-0.02	-6.18e-05	8.68e-04	-1.36e-04
1330	38	0.02	-8.53e-03	-5.70e-03	-1.11e-04	9.54e-04	-1.50e-04
1330	39	-0.05	6.51e-03	-0.01	-7.94e-05	8.98e-04	-1.41e-04
1330	70	0.01	-7.90e-03	-6.06e-03	-1.09e-04	9.52e-04	-1.50e-04
1330	71	-0.04	5.88e-03	-0.01	-8.07e-05	9.01e-04	-1.42e-04
1331	6	0.05	-0.02	-0.03	-1.82e-04	1.01e-03	-1.59e-04
1331	7	-0.08	0.01	-0.04	-1.23e-04	8.98e-04	-1.41e-04
1331	38	0.02	-0.01	-0.03	-1.67e-04	9.82e-04	-1.54e-04
1331	39	-0.05	2.90e-03	-0.04	-1.39e-04	9.28e-04	-1.46e-04
1331	70	0.01	-0.01	-0.03	-1.66e-04	9.79e-04	-1.54e-04
1331	71	-0.04	2.29e-03	-0.04	-1.40e-04	9.30e-04	-1.46e-04
1332	6	0.05	-0.02	5.01e-03	-1.85e-04	9.85e-04	-1.55e-04
1332	7	-0.08	0.01	-0.01	-1.26e-04	8.70e-04	-1.37e-04
1332	38	0.02	-8.23e-03	-7.56e-05	-1.69e-04	9.55e-04	-1.50e-04
1332	39	-0.05	6.72e-03	-9.22e-03	-1.42e-04	9.00e-04	-1.42e-04
1332	70	0.01	-7.61e-03	-4.60e-04	-1.68e-04	9.53e-04	-1.50e-04
1332	71	-0.04	6.09e-03	-8.83e-03	-1.43e-04	9.02e-04	-1.42e-04
1333	6	0.05	-0.02	-0.02	-2.30e-04	1.01e-03	-1.59e-04
1333	7	-0.08	0.01	-0.04	-1.79e-04	9.01e-04	-1.42e-04
1333	38	0.02	-0.01	-0.03	-2.16e-04	9.83e-04	-1.55e-04
1333	39	-0.05	3.77e-03	-0.03	-1.92e-04	9.30e-04	-1.46e-04
1333	70	0.02	-0.01	-0.03	-2.15e-04	9.81e-04	-1.54e-04
1333	71	-0.04	3.16e-03	-0.03	-1.93e-04	9.32e-04	-1.47e-04
1334	6	0.05	-0.02	0.01	-2.25e-04	9.79e-04	-1.54e-04
1334	7	-0.08	0.02	-7.99e-03	-1.75e-04	8.66e-04	-1.36e-04
1334	38	0.02	-7.81e-03	6.95e-03	-2.12e-04	9.49e-04	-1.49e-04
1334	39	-0.05	7.09e-03	-2.65e-03	-1.89e-04	8.96e-04	-1.41e-04
1334	70	0.02	-7.18e-03	6.55e-03	-2.11e-04	9.47e-04	-1.49e-04
1334	71	-0.04	6.47e-03	-2.25e-03	-1.89e-04	8.98e-04	-1.41e-04
1335	6	0.06	-0.02	-0.01	-2.60e-04	1.01e-03	-1.59e-04
1335	7	-0.08	0.01	-0.03	-2.19e-04	8.99e-04	-1.41e-04
1335	38	0.02	-9.78e-03	-0.02	-2.49e-04	9.78e-04	-1.54e-04

1335	39	-0.04	4.80e-03	-0.03	-2.30e-04	9.27e-04	-1.46e-04
1335	70	0.02	-9.17e-03	-0.02	-2.48e-04	9.76e-04	-1.54e-04
1335	71	-0.04	4.18e-03	-0.03	-2.30e-04	9.29e-04	-1.46e-04
1336	6	0.06	-0.02	0.02	-2.43e-04	9.62e-04	-1.52e-04
1336	7	-0.08	0.02	-5.70e-04	-2.03e-04	8.52e-04	-1.34e-04
1336	38	0.02	-7.33e-03	0.01	-2.32e-04	9.33e-04	-1.47e-04
1336	39	-0.04	7.54e-03	4.93e-03	-2.14e-04	8.81e-04	-1.39e-04
1336	70	0.02	-6.70e-03	0.01	-2.32e-04	9.31e-04	-1.47e-04
1336	71	-0.04	6.92e-03	5.34e-03	-2.15e-04	8.83e-04	-1.39e-04
1337	6	0.06	-0.02	-3.88e-03	-2.69e-04	9.92e-04	-1.56e-04
1337	7	-0.08	0.01	-0.02	-2.38e-04	8.87e-04	-1.40e-04
1337	38	0.02	-8.70e-03	-8.50e-03	-2.61e-04	9.65e-04	-1.52e-04
1337	39	-0.04	5.88e-03	-0.02	-2.46e-04	9.15e-04	-1.44e-04
1337	70	0.02	-8.09e-03	-8.85e-03	-2.60e-04	9.62e-04	-1.51e-04
1337	71	-0.04	5.27e-03	-0.02	-2.47e-04	9.17e-04	-1.44e-04
1338	6	0.06	-0.02	0.03	-2.35e-04	9.30e-04	-1.46e-04
1338	7	-0.08	0.02	7.27e-03	-2.03e-04	8.22e-04	-1.29e-04
1338	38	0.02	-6.91e-03	0.02	-2.26e-04	9.02e-04	-1.42e-04
1338	39	-0.04	7.97e-03	0.01	-2.12e-04	8.50e-04	-1.34e-04
1338	70	0.02	-6.29e-03	0.02	-2.25e-04	8.99e-04	-1.42e-04
1338	71	-0.04	7.35e-03	0.01	-2.12e-04	8.52e-04	-1.34e-04
1339	6	0.06	-0.02	4.94e-03	-2.45e-04	9.63e-04	-1.52e-04
1339	7	-0.08	0.01	-0.01	-2.42e-04	8.60e-04	-1.35e-04
1339	38	0.02	-7.72e-03	3.33e-04	-2.44e-04	9.36e-04	-1.47e-04
1339	39	-0.04	6.91e-03	-8.01e-03	-2.43e-04	8.87e-04	-1.40e-04
1339	70	0.02	-7.10e-03	-1.79e-05	-2.44e-04	9.34e-04	-1.47e-04
1339	71	-0.04	6.30e-03	-7.66e-03	-2.43e-04	8.89e-04	-1.40e-04
1340	6	0.06	-0.01	0.04	-1.82e-04	8.75e-04	-1.38e-04
1340	7	-0.08	0.02	0.01	-1.80e-04	7.67e-04	-1.21e-04
1340	38	0.02	-6.68e-03	0.03	-1.82e-04	8.47e-04	-1.33e-04
1340	39	-0.04	8.25e-03	0.02	-1.81e-04	7.96e-04	-1.25e-04
1340	70	0.02	-6.05e-03	0.03	-1.82e-04	8.45e-04	-1.33e-04
1340	71	-0.04	7.62e-03	0.02	-1.81e-04	7.98e-04	-1.26e-04
1341	6	0.06	-0.02	0.01	-1.99e-04	9.13e-04	-1.42e-04
1341	7	-0.07	0.02	-4.22e-03	-2.09e-04	8.09e-04	-1.26e-04
1341	38	0.03	-6.99e-03	8.42e-03	-2.02e-04	8.85e-04	-1.38e-04
1341	39	-0.04	7.70e-03	2.75e-04	-2.06e-04	8.36e-04	-1.30e-04
1341	70	0.03	-6.38e-03	8.08e-03	-2.02e-04	8.83e-04	-1.38e-04
1341	71	-0.04	7.08e-03	6.18e-04	-2.06e-04	8.38e-04	-1.31e-04
1342	6	0.06	-0.02	0.04	-1.04e-04	7.95e-04	-1.23e-04
1342	7	-0.07	0.02	0.02	-1.09e-04	6.83e-04	-1.05e-04
1342	38	0.03	-6.77e-03	0.04	-1.05e-04	7.66e-04	-1.18e-04
1342	39	-0.04	8.25e-03	0.03	-1.08e-04	7.13e-04	-1.10e-04
1342	70	0.03	-6.14e-03	0.04	-1.05e-04	7.63e-04	-1.18e-04
1342	71	-0.03	7.62e-03	0.03	-1.08e-04	7.15e-04	-1.10e-04
1343	6	0.07	-0.02	0.02	-1.03e-04	8.40e-04	-1.33e-04
1343	7	-0.07	0.02	2.83e-03	-1.52e-04	7.24e-04	-1.17e-04
1343	38	0.03	-6.90e-03	0.01	-1.16e-04	8.10e-04	-1.29e-04
1343	39	-0.03	7.89e-03	7.10e-03	-1.39e-04	7.54e-04	-1.21e-04
1343	70	0.03	-6.27e-03	0.01	-1.17e-04	8.07e-04	-1.28e-04
1343	71	-0.03	7.27e-03	7.42e-03	-1.38e-04	7.57e-04	-1.22e-04
1344	6	0.07	-0.02	0.04	0.0	6.94e-04	-1.11e-04
1344	7	-0.07	0.02	0.02	4.11e-06	5.69e-04	-9.36e-05
1344	38	0.03	-7.32e-03	0.04	0.0	6.62e-04	-1.06e-04
1344	39	-0.03	7.81e-03	0.03	2.91e-06	6.02e-04	-9.81e-05
1344	70	0.03	-6.68e-03	0.04	0.0	6.59e-04	-1.06e-04
1344	71	-0.03	7.18e-03	0.03	2.81e-06	6.04e-04	-9.84e-05
1345	5	0.07	-0.02	0.06	-7.71e-04	3.23e-03	-0.02
1345	6	0.06	-0.02	0.05	-7.39e-04	3.10e-03	-0.02
1345	8	-0.08	0.01	0.02	-8.58e-04	3.77e-03	-0.02
1345	37	0.03	-0.01	0.05	-7.94e-04	3.37e-03	-0.02
1345	38	0.03	-0.01	0.04	-7.78e-04	3.31e-03	-0.02
1345	40	-0.04	4.00e-03	0.03	-8.35e-04	3.63e-03	-0.02
1345	69	0.03	-9.56e-03	0.04	-7.95e-04	3.38e-03	-0.02
1345	70	0.02	-0.01	0.04	-7.81e-04	3.32e-03	-0.02
1345	72	-0.04	3.40e-03	0.03	-8.33e-04	3.62e-03	-0.02
1346	5	0.07	-0.02	0.05	-1.98e-04	3.90e-04	6.75e-05
1346	6	0.06	-0.02	0.04	-1.80e-04	3.65e-04	6.33e-05
1346	8	-0.08	0.01	7.94e-03	-2.82e-04	-6.19e-05	-1.01e-05
1346	37	0.03	-9.36e-03	0.04	-2.20e-04	2.72e-04	4.72e-05
1346	38	0.03	-0.01	0.03	-2.11e-04	2.60e-04	4.52e-05
1346	40	-0.04	4.83e-03	0.02	-2.60e-04	5.62e-05	1.02e-05
1346	69	0.03	-8.76e-03	0.04	-2.22e-04	2.63e-04	4.57e-05
1346	70	0.03	-9.77e-03	0.03	-2.14e-04	2.52e-04	4.39e-05
1346	72	-0.04	4.24e-03	0.02	-2.58e-04	6.53e-05	1.18e-05
1347	5	0.07	-0.02	0.04	-1.11e-04	3.93e-04	6.80e-05
1347	6	0.06	-0.02	0.04	-9.52e-05	3.70e-04	6.38e-05

1347	8	-0.08	0.01	1.61e-03	-1.96e-04	-5.04e-05	-8.57e-06
1347	37	0.03	-8.73e-03	0.03	-1.33e-04	2.77e-04	4.79e-05
1347	38	0.03	-9.84e-03	0.03	-1.26e-04	2.66e-04	4.60e-05
1347	40	-0.04	5.58e-03	0.01	-1.74e-04	6.55e-05	1.14e-05
1347	69	0.03	-8.13e-03	0.03	-1.35e-04	2.68e-04	4.64e-05
1347	70	0.03	-9.15e-03	0.03	-1.28e-04	2.58e-04	4.46e-05
1347	72	-0.04	4.98e-03	0.01	-1.72e-04	7.44e-05	1.30e-05
1348	1	0.07	-0.02	0.04	-6.60e-05	3.82e-04	6.62e-05
1348	6	0.06	-0.02	0.03	-5.48e-05	3.60e-04	6.22e-05
1348	8	-0.08	0.01	-3.15e-03	-1.43e-04	-5.85e-05	-1.01e-05
1348	33	0.03	-8.35e-03	0.03	-8.67e-05	2.67e-04	4.62e-05
1348	38	0.03	-9.36e-03	0.03	-8.15e-05	2.57e-04	4.44e-05
1348	40	-0.04	6.25e-03	7.40e-03	-1.24e-04	5.67e-05	9.80e-06
1348	65	0.03	-7.74e-03	0.03	-8.83e-05	2.58e-04	4.47e-05
1348	70	0.03	-8.65e-03	0.02	-8.35e-05	2.49e-04	4.30e-05
1348	72	-0.04	5.64e-03	8.21e-03	-1.22e-04	6.56e-05	1.13e-05
1349	5	0.07	-0.02	0.03	-3.58e-05	3.69e-04	6.41e-05
1349	6	0.06	-0.02	0.03	-2.46e-05	3.47e-04	6.03e-05
1349	8	-0.08	0.01	-6.57e-03	-9.67e-05	-7.32e-05	-1.24e-05
1349	37	0.03	-7.87e-03	0.02	-5.17e-05	2.53e-04	4.41e-05
1349	38	0.03	-9.02e-03	0.02	-4.64e-05	2.43e-04	4.23e-05
1349	40	-0.04	6.76e-03	4.25e-03	-8.08e-05	4.23e-05	7.59e-06
1349	69	0.03	-7.26e-03	0.02	-5.29e-05	2.44e-04	4.26e-05
1349	70	0.03	-8.31e-03	0.02	-4.81e-05	2.35e-04	4.09e-05
1349	72	-0.04	6.14e-03	5.08e-03	-7.96e-05	5.12e-05	9.12e-06
1350	5	0.06	-0.02	0.03	-9.59e-06	3.57e-04	6.16e-05
1350	6	0.07	-0.02	0.03	0.0	3.35e-04	5.79e-05
1350	7	-0.08	0.02	-6.49e-03	-6.40e-05	-6.34e-05	-1.10e-05
1350	37	0.03	-7.66e-03	0.02	-2.13e-05	2.42e-04	4.17e-05
1350	38	0.03	-8.82e-03	0.02	-1.68e-05	2.31e-04	3.99e-05
1350	39	-0.04	8.24e-03	3.33e-03	-4.72e-05	4.07e-05	6.94e-06
1350	69	0.03	-7.04e-03	0.02	-2.22e-05	2.33e-04	4.01e-05
1350	70	0.03	-8.10e-03	0.02	-1.81e-05	2.23e-04	3.85e-05
1350	71	-0.03	7.53e-03	4.08e-03	-4.60e-05	4.87e-05	8.32e-06
1351	5	0.06	-0.02	0.03	1.40e-05	3.50e-04	6.07e-05
1351	6	0.07	-0.02	0.03	2.26e-05	3.29e-04	5.70e-05
1351	7	-0.08	0.02	-7.42e-03	-2.45e-05	-6.73e-05	-1.17e-05
1351	37	0.03	-7.58e-03	0.02	6.19e-06	2.36e-04	4.08e-05
1351	38	0.03	-8.75e-03	0.02	1.02e-05	2.25e-04	3.91e-05
1351	39	-0.04	8.41e-03	2.49e-03	-1.21e-05	3.60e-05	6.23e-06
1351	69	0.03	-6.96e-03	0.02	5.59e-06	2.27e-04	3.93e-05
1351	70	0.03	-8.03e-03	0.02	9.29e-06	2.17e-04	3.77e-05
1351	71	-0.03	7.69e-03	3.25e-03	-1.12e-05	4.39e-05	7.61e-06
1352	5	0.06	-0.02	0.03	3.73e-05	3.50e-04	6.06e-05
1352	6	0.07	-0.02	0.03	4.55e-05	3.28e-04	5.69e-05
1352	7	-0.08	0.02	-7.15e-03	1.23e-05	-6.09e-05	-1.05e-05
1352	37	0.03	-7.60e-03	0.02	3.29e-05	2.37e-04	4.10e-05
1352	38	0.03	-8.78e-03	0.02	3.68e-05	2.27e-04	3.93e-05
1352	39	-0.04	8.43e-03	2.72e-03	2.11e-05	4.07e-05	7.05e-06
1352	69	0.03	-6.98e-03	0.02	3.26e-05	2.28e-04	3.95e-05
1352	70	0.03	-8.06e-03	0.02	3.61e-05	2.19e-04	3.80e-05
1352	71	-0.03	7.71e-03	3.48e-03	2.18e-05	4.85e-05	8.40e-06
1353	6	0.07	-0.02	0.03	5.50e-05	3.56e-04	6.16e-05
1353	7	-0.07	0.02	-7.64e-03	6.32e-05	-6.32e-05	-1.10e-05
1353	38	0.03	-8.90e-03	0.02	5.72e-05	2.46e-04	4.26e-05
1353	39	-0.04	8.32e-03	3.11e-03	6.10e-05	4.62e-05	8.01e-06
1353	70	0.03	-8.18e-03	0.02	5.73e-05	2.38e-04	4.12e-05
1353	71	-0.03	7.59e-03	3.94e-03	6.08e-05	5.46e-05	9.46e-06
1354	6	0.07	-0.02	0.04	8.58e-05	3.69e-04	6.39e-05
1354	7	-0.07	0.02	-4.94e-03	9.53e-05	-3.22e-05	-5.57e-06
1354	38	0.03	-9.12e-03	0.02	8.83e-05	2.64e-04	4.58e-05
1354	39	-0.04	8.08e-03	5.52e-03	9.28e-05	7.27e-05	1.26e-05
1354	70	0.03	-8.39e-03	0.02	8.85e-05	2.56e-04	4.44e-05
1354	71	-0.03	7.36e-03	6.32e-03	9.26e-05	8.07e-05	1.40e-05
1355	6	0.07	-0.02	0.04	1.14e-04	3.90e-04	6.75e-05
1355	7	-0.07	0.02	-1.05e-03	1.33e-04	1.17e-05	2.03e-06
1355	38	0.03	-9.40e-03	0.03	1.19e-04	2.91e-04	5.04e-05
1355	39	-0.04	7.73e-03	9.01e-03	1.28e-04	1.11e-04	1.92e-05
1355	70	0.03	-8.68e-03	0.03	1.19e-04	2.83e-04	4.91e-05
1355	71	-0.03	7.01e-03	9.78e-03	1.28e-04	1.18e-04	2.05e-05
1356	6	0.07	-0.02	0.04	1.42e-04	4.18e-04	7.37e-05
1356	7	-0.07	0.02	4.04e-03	1.72e-04	6.85e-05	9.58e-06
1356	38	0.03	-9.76e-03	0.03	1.50e-04	3.26e-04	5.69e-05
1356	39	-0.03	7.28e-03	0.01	1.65e-04	1.60e-04	2.63e-05
1356	70	0.03	-9.04e-03	0.03	1.51e-04	3.19e-04	5.56e-05
1356	71	-0.03	6.57e-03	0.01	1.64e-04	1.67e-04	2.76e-05
1357	6	0.07	-0.02	0.04	1.68e-04	4.52e-04	7.69e-05

1357	7	-0.07	0.02	0.01	2.10e-04	1.35e-04	2.61e-05
1357	38	0.03	-0.01	0.04	1.79e-04	3.69e-04	6.36e-05
1357	39	-0.03	6.74e-03	0.02	1.99e-04	2.18e-04	3.94e-05
1357	70	0.03	-9.45e-03	0.04	1.80e-04	3.63e-04	6.26e-05
1357	71	-0.03	6.03e-03	0.02	1.98e-04	2.25e-04	4.04e-05
1358	6	0.07	-0.02	0.05	1.86e-04	4.90e-04	8.48e-05
1358	38	0.03	-0.01	0.04	2.00e-04	4.17e-04	7.22e-05
1358	70	0.03	-9.84e-03	0.04	2.01e-04	4.11e-04	7.13e-05
1359	6	0.07	-0.02	0.05	1.88e-04	5.27e-04	9.13e-05
1359	38	0.03	-0.01	0.05	2.04e-04	4.65e-04	8.05e-05
1359	70	0.03	-0.01	0.05	2.05e-04	4.60e-04	7.97e-05
1360	6	0.07	-0.02	0.06	1.70e-04	5.58e-04	9.87e-05
1360	38	0.03	-0.01	0.05	1.85e-04	5.08e-04	8.90e-05
1360	70	0.03	-0.01	0.05	1.86e-04	5.04e-04	8.82e-05
1361	7	-0.07	0.02	-0.01	-7.50e-05	4.35e-04	9.87e-05
1361	39	-0.03	9.01e-03	-8.20e-03	-5.12e-05	4.90e-04	1.06e-04
1361	71	-0.03	8.41e-03	-8.04e-03	-4.94e-05	4.94e-04	1.06e-04
1362	6	0.07	-0.01	-1.05e-03	6.09e-05	4.85e-04	1.09e-04
1362	7	-0.07	0.02	-5.38e-03	-4.39e-06	1.77e-04	4.43e-05
1362	38	0.03	-5.63e-03	-2.19e-03	4.38e-05	4.05e-04	9.19e-05
1362	39	-0.03	8.00e-03	-4.24e-03	1.27e-05	2.58e-04	6.10e-05
1362	70	0.03	-5.06e-03	-2.27e-03	4.25e-05	3.98e-04	9.06e-05
1362	71	-0.03	7.42e-03	-4.16e-03	1.40e-05	2.64e-04	6.23e-05
1363	7	-0.07	0.01	-3.09e-03	-7.57e-06	2.52e-05	1.42e-05
1363	39	-0.04	7.59e-03	-2.63e-03	7.60e-06	1.23e-04	3.08e-05
1363	71	-0.03	7.03e-03	-2.59e-03	8.76e-06	1.30e-04	3.21e-05
1364	7	-0.07	0.01	-1.58e-03	-1.37e-05	-6.62e-05	-1.12e-05
1364	26	0.03	-6.71e-03	-1.72e-03	2.81e-05	2.36e-04	1.64e-05
1364	38	0.03	-5.45e-03	-1.68e-03	2.56e-05	2.44e-04	4.53e-05
1364	39	-0.04	7.25e-03	-1.61e-03	0.0	4.35e-05	8.68e-06
1364	70	0.03	-4.92e-03	-1.68e-03	2.46e-05	2.35e-04	4.38e-05
1364	71	-0.03	6.71e-03	-1.62e-03	1.33e-06	5.19e-05	1.02e-05
1365	6	0.07	-0.01	-2.14e-03	3.33e-05	3.40e-04	5.59e-05
1365	7	-0.08	0.01	-5.61e-04	-1.95e-05	-1.11e-04	-2.79e-05
1365	38	0.03	-5.42e-03	-1.72e-03	1.95e-05	2.22e-04	3.41e-05
1365	39	-0.04	6.98e-03	-9.73e-04	-5.67e-06	7.11e-06	-6.04e-06
1365	70	0.03	-4.90e-03	-1.69e-03	1.84e-05	2.13e-04	3.24e-05
1365	71	-0.03	6.46e-03	-1.00e-03	-4.62e-06	1.61e-05	-4.35e-06
1366	6	0.07	-0.01	-2.75e-03	3.03e-05	3.37e-04	4.81e-05
1366	7	-0.08	0.01	2.46e-04	-2.62e-05	-8.57e-05	-3.89e-05
1366	38	0.03	-5.41e-03	-1.96e-03	1.55e-05	2.27e-04	2.54e-05
1366	39	-0.04	6.81e-03	-5.38e-04	-1.14e-05	2.46e-05	-1.62e-05
1366	70	0.03	-4.89e-03	-1.90e-03	1.44e-05	2.18e-04	2.37e-05
1366	71	-0.03	6.30e-03	-5.98e-04	-1.03e-05	3.30e-05	-1.45e-05
1367	6	0.06	-0.01	-3.66e-03	2.58e-05	4.07e-04	3.82e-05
1367	7	-0.07	0.01	9.74e-04	-3.94e-05	-1.32e-05	-4.64e-05
1367	8	-0.08	0.01	3.35e-04	-3.47e-05	-3.44e-05	-6.25e-05
1367	38	0.03	-5.33e-03	-2.44e-03	8.75e-06	2.97e-04	1.62e-05
1367	39	-0.03	6.80e-03	-2.40e-04	-2.23e-05	9.62e-05	-2.44e-05
1367	40	-0.04	5.80e-03	-5.37e-04	-2.01e-05	8.63e-05	-3.19e-05
1367	70	0.03	-4.82e-03	-2.35e-03	7.44e-06	2.89e-04	1.45e-05
1367	71	-0.03	6.29e-03	-3.33e-04	-2.10e-05	1.05e-04	-2.27e-05
1367	72	-0.04	5.37e-03	-6.05e-04	-1.90e-05	9.56e-05	-2.96e-05
1368	6	0.06	-0.01	-5.07e-03	1.12e-05	6.77e-04	7.52e-05
1368	7	-0.07	0.01	1.80e-03	-8.00e-05	2.70e-04	-6.33e-06
1368	8	-0.08	0.01	8.40e-04	-7.20e-05	2.49e-04	-2.39e-05
1368	38	0.03	-4.90e-03	-3.27e-03	-1.27e-05	5.71e-04	5.40e-05
1368	39	-0.04	7.22e-03	-3.49e-06	-5.61e-05	3.76e-04	1.49e-05
1368	40	-0.04	6.23e-03	-4.48e-04	-5.24e-05	3.66e-04	6.67e-06
1368	70	0.03	-4.39e-03	-3.13e-03	-1.45e-05	5.62e-04	5.23e-05
1368	71	-0.03	6.71e-03	-1.41e-04	-5.43e-05	3.84e-04	1.65e-05
1368	72	-0.04	5.81e-03	-5.48e-04	-5.09e-05	3.75e-04	9.00e-06
1369	6	0.06	-0.02	0.02	-1.32e-04	6.10e-04	1.07e-04
1369	8	-0.08	9.24e-03	0.01	-2.60e-04	1.69e-04	2.91e-05
1369	13	0.06	-0.01	0.02	-1.61e-04	6.00e-04	1.05e-04
1369	38	0.03	-8.78e-03	0.02	-1.70e-04	5.01e-04	8.75e-05
1369	40	-0.04	3.20e-03	0.02	-2.31e-04	2.90e-04	5.05e-05
1369	45	0.03	-6.50e-03	0.02	-1.84e-04	4.96e-04	8.66e-05
1369	70	0.03	-8.24e-03	0.02	-1.73e-04	4.93e-04	8.60e-05
1369	72	-0.04	2.73e-03	0.02	-2.29e-04	3.00e-04	5.21e-05
1369	77	0.03	-6.15e-03	0.02	-1.86e-04	4.88e-04	8.52e-05
1370	5	0.07	-0.02	0.04	-2.36e-04	4.81e-04	8.42e-05
1370	6	0.06	-0.02	0.04	-2.18e-04	4.55e-04	7.96e-05
1370	8	-0.08	0.01	0.02	-3.30e-04	1.60e-05	2.11e-06
1370	37	0.03	-9.59e-03	0.03	-2.61e-04	3.59e-04	6.27e-05
1370	38	0.03	-0.01	0.03	-2.52e-04	3.47e-04	6.06e-05
1370	40	-0.04	3.10e-03	0.02	-3.06e-04	1.38e-04	2.36e-05

1370	69	0.03	-9.06e-03	0.03	-2.63e-04	3.50e-04	6.11e-05
1370	70	0.02	-9.94e-03	0.03	-2.55e-04	3.39e-04	5.91e-05
1370	72	-0.04	2.56e-03	0.02	-3.04e-04	1.47e-04	2.52e-05
1371	5	0.07	-0.02	0.03	-1.59e-04	4.49e-04	7.82e-05
1371	6	0.06	-0.02	0.03	-1.40e-04	4.25e-04	7.39e-05
1371	8	-0.08	0.01	8.77e-03	-2.49e-04	-4.90e-06	-1.43e-06
1371	37	0.03	-8.49e-03	0.03	-1.82e-04	3.31e-04	5.74e-05
1371	38	0.03	-9.47e-03	0.03	-1.74e-04	3.19e-04	5.54e-05
1371	40	-0.04	4.30e-03	0.01	-2.25e-04	1.14e-04	1.94e-05
1371	69	0.03	-7.95e-03	0.03	-1.84e-04	3.21e-04	5.58e-05
1371	70	0.03	-8.85e-03	0.02	-1.76e-04	3.11e-04	5.39e-05
1371	72	-0.04	3.76e-03	0.02	-2.24e-04	1.23e-04	2.10e-05
1372	6	0.06	-0.02	0.01	-8.28e-05	5.22e-04	8.78e-05
1372	8	-0.08	0.01	7.20e-03	-1.83e-04	1.28e-04	2.08e-05
1372	13	0.06	-0.01	0.02	-1.06e-04	5.16e-04	8.66e-05
1372	38	0.03	-7.82e-03	0.01	-1.12e-04	4.26e-04	7.14e-05
1372	40	-0.04	4.47e-03	9.63e-03	-1.60e-04	2.38e-04	3.94e-05
1372	45	0.03	-5.47e-03	0.01	-1.23e-04	4.22e-04	7.07e-05
1372	70	0.03	-7.27e-03	0.01	-1.15e-04	4.18e-04	7.01e-05
1372	72	-0.04	3.99e-03	9.81e-03	-1.59e-04	2.46e-04	4.08e-05
1372	77	0.03	-5.11e-03	0.01	-1.25e-04	4.15e-04	6.95e-05
1373	5	0.07	-0.01	0.03	-9.78e-05	4.16e-04	7.23e-05
1373	6	0.06	-0.02	0.03	-8.39e-05	3.93e-04	6.83e-05
1373	8	-0.08	0.01	2.74e-03	-1.82e-04	-2.02e-05	-2.73e-06
1373	37	0.03	-7.60e-03	0.02	-1.20e-04	3.02e-04	5.27e-05
1373	38	0.03	-8.61e-03	0.02	-1.13e-04	2.91e-04	5.08e-05
1373	40	-0.04	5.35e-03	9.19e-03	-1.60e-04	9.38e-05	1.69e-05
1373	69	0.03	-7.06e-03	0.02	-1.21e-04	2.93e-04	5.12e-05
1373	70	0.03	-7.98e-03	0.02	-1.15e-04	2.83e-04	4.95e-05
1373	72	-0.04	4.81e-03	9.68e-03	-1.58e-04	1.03e-04	1.84e-05
1374	5	0.07	-0.01	0.01	-5.12e-05	4.72e-04	8.27e-05
1374	6	0.06	-0.01	0.01	-4.14e-05	4.49e-04	7.87e-05
1374	8	-0.08	0.01	2.33e-03	-1.27e-04	3.66e-05	9.26e-06
1374	37	0.03	-6.10e-03	0.01	-7.10e-05	3.58e-04	6.35e-05
1374	38	0.03	-7.07e-03	9.50e-03	-6.63e-05	3.47e-04	6.16e-05
1374	40	-0.04	5.46e-03	5.08e-03	-1.07e-04	1.50e-04	2.85e-05
1374	69	0.03	-5.62e-03	9.87e-03	-7.25e-05	3.49e-04	6.20e-05
1374	70	0.03	-6.51e-03	9.34e-03	-6.82e-05	3.40e-04	6.03e-05
1374	72	-0.04	4.97e-03	5.29e-03	-1.06e-04	1.59e-04	2.99e-05
1375	5	0.07	-0.01	0.02	-5.37e-05	3.95e-04	6.87e-05
1375	6	0.06	-0.02	0.02	-4.26e-05	3.72e-04	6.47e-05
1375	8	-0.08	0.01	-1.59e-03	-1.25e-04	-4.38e-05	-6.81e-06
1375	37	0.03	-7.05e-03	0.02	-7.24e-05	2.80e-04	4.89e-05
1375	38	0.03	-8.08e-03	0.02	-6.71e-05	2.70e-04	4.71e-05
1375	40	-0.04	6.06e-03	5.19e-03	-1.06e-04	7.08e-05	1.29e-05
1375	69	0.03	-6.50e-03	0.02	-7.38e-05	2.71e-04	4.74e-05
1375	70	0.03	-7.44e-03	0.02	-6.90e-05	2.62e-04	4.57e-05
1375	72	-0.04	5.51e-03	5.71e-03	-1.05e-04	7.96e-05	1.44e-05
1376	5	0.07	-0.01	0.01	-1.86e-05	4.15e-04	7.27e-05
1376	7	-0.07	0.01	5.07e-04	-8.65e-05	-6.59e-06	0.0
1376	8	-0.08	0.01	-6.02e-04	-7.95e-05	-2.88e-05	-3.33e-06
1376	37	0.03	-5.74e-03	7.90e-03	-3.45e-05	2.99e-04	5.29e-05
1376	39	-0.03	6.94e-03	2.93e-03	-6.69e-05	9.76e-05	1.84e-05
1376	40	-0.04	5.94e-03	2.41e-03	-6.36e-05	8.73e-05	1.66e-05
1376	69	0.03	-5.25e-03	7.67e-03	-3.57e-05	2.90e-04	5.13e-05
1376	71	-0.03	6.36e-03	3.12e-03	-6.54e-05	1.06e-04	1.97e-05
1376	72	-0.04	5.45e-03	2.64e-03	-6.24e-05	9.62e-05	1.81e-05
1377	5	0.07	-0.01	0.02	-2.35e-05	3.75e-04	6.49e-05
1377	6	0.06	-0.02	0.02	-1.45e-05	3.53e-04	6.11e-05
1377	8	-0.08	0.01	-4.43e-03	-8.03e-05	-6.66e-05	-1.18e-05
1377	37	0.03	-6.72e-03	0.02	-3.83e-05	2.60e-04	4.49e-05
1377	38	0.03	-7.77e-03	0.01	-3.41e-05	2.49e-04	4.31e-05
1377	40	-0.04	6.51e-03	2.60e-03	-6.54e-05	4.88e-05	8.28e-06
1377	69	0.03	-6.16e-03	0.01	-3.95e-05	2.51e-04	4.33e-05
1377	70	0.03	-7.13e-03	0.01	-3.56e-05	2.41e-04	4.17e-05
1377	72	-0.04	5.96e-03	3.14e-03	-6.43e-05	5.76e-05	9.82e-06
1378	5	0.07	-0.01	9.93e-03	1.47e-06	3.80e-04	6.58e-05
1378	7	-0.07	0.01	-1.36e-03	-5.71e-05	-4.79e-05	-9.69e-06
1378	8	-0.08	0.01	-2.35e-03	-5.11e-05	-7.03e-05	-1.36e-05
1378	37	0.03	-5.55e-03	6.72e-03	-1.23e-05	2.63e-04	4.51e-05
1378	39	-0.03	7.22e-03	1.32e-03	-4.02e-05	5.79e-05	8.99e-06
1378	40	-0.04	6.21e-03	8.60e-04	-3.74e-05	4.75e-05	7.18e-06
1378	69	0.03	-5.05e-03	6.47e-03	-1.33e-05	2.54e-04	4.35e-05
1378	71	-0.03	6.64e-03	1.53e-03	-3.89e-05	6.61e-05	1.04e-05
1378	72	-0.04	5.72e-03	1.11e-03	-3.64e-05	5.65e-05	8.77e-06
1379	5	0.06	-0.01	0.02	-1.17e-06	3.60e-04	6.25e-05
1379	7	-0.08	0.02	-4.56e-03	-5.28e-05	-6.03e-05	-1.05e-05

1379	37	0.03	-6.53e-03	0.01	-1.26e-05	2.45e-04	4.24e-05
1379	39	-0.04	7.85e-03	1.81e-03	-3.72e-05	4.38e-05	7.55e-06
1379	69	0.03	-5.98e-03	0.01	-1.35e-05	2.36e-04	4.09e-05
1379	71	-0.03	7.20e-03	2.30e-03	-3.61e-05	5.18e-05	8.94e-06
1380	5	0.06	-0.01	9.45e-03	1.35e-05	3.59e-04	5.62e-05
1380	7	-0.08	0.02	-2.49e-03	-3.71e-05	-7.05e-05	-1.68e-05
1380	37	0.03	-5.45e-03	6.09e-03	1.69e-06	2.41e-04	3.82e-05
1380	39	-0.04	7.40e-03	3.92e-04	-2.25e-05	3.59e-05	3.34e-06
1380	69	0.03	-4.95e-03	5.84e-03	0.0	2.32e-04	3.68e-05
1380	71	-0.03	6.81e-03	6.13e-04	-2.14e-05	4.40e-05	4.88e-06
1381	5	0.06	-0.01	0.02	1.72e-05	3.53e-04	6.11e-05
1381	7	-0.08	0.02	-5.35e-03	-2.21e-05	-6.52e-05	-1.13e-05
1381	37	0.03	-6.45e-03	0.01	8.77e-06	2.38e-04	4.12e-05
1381	39	-0.04	8.01e-03	1.13e-03	-9.93e-06	3.82e-05	6.62e-06
1381	69	0.03	-5.89e-03	0.01	8.12e-06	2.29e-04	3.97e-05
1381	71	-0.03	7.36e-03	1.62e-03	-9.00e-06	4.61e-05	7.99e-06
1382	5	0.06	-0.01	9.30e-03	2.26e-05	3.49e-04	6.05e-05
1382	7	-0.08	0.02	-3.09e-03	-2.17e-05	-7.76e-05	-1.36e-05
1382	37	0.03	-5.39e-03	5.85e-03	1.24e-05	2.31e-04	4.02e-05
1382	39	-0.04	7.51e-03	-6.87e-05	-8.78e-06	2.78e-05	4.77e-06
1382	69	0.03	-4.89e-03	5.58e-03	1.16e-05	2.22e-04	3.86e-05
1382	71	-0.03	6.92e-03	1.64e-04	-7.80e-06	3.59e-05	6.18e-06
1383	5	0.06	-0.01	0.02	3.44e-05	3.52e-04	6.10e-05
1383	7	-0.08	0.02	-5.31e-03	5.82e-06	-5.82e-05	-1.01e-05
1383	37	0.03	-6.43e-03	0.01	2.87e-05	2.39e-04	4.14e-05
1383	39	-0.04	8.07e-03	1.20e-03	1.51e-05	4.32e-05	7.49e-06
1383	69	0.03	-5.87e-03	0.01	2.83e-05	2.31e-04	3.99e-05
1383	71	-0.03	7.42e-03	1.70e-03	1.58e-05	5.10e-05	8.84e-06
1384	5	0.06	-0.01	9.41e-03	3.10e-05	3.47e-04	5.38e-05
1384	7	-0.08	0.02	-3.28e-03	-8.23e-06	-7.21e-05	-1.16e-05
1384	37	0.03	-5.37e-03	5.90e-03	2.20e-05	2.32e-04	3.76e-05
1384	39	-0.04	7.60e-03	-1.61e-04	3.34e-06	3.16e-05	6.40e-06
1384	69	0.03	-4.87e-03	5.63e-03	2.14e-05	2.32e-04	3.64e-05
1384	71	-0.03	7.01e-03	7.85e-05	4.23e-06	3.96e-05	7.78e-06
1385	5	0.06	-0.01	0.02	5.22e-05	3.38e-04	5.86e-05
1385	7	-0.07	0.02	-4.49e-03	3.27e-05	-5.97e-05	-1.03e-05
1385	37	0.03	-6.48e-03	0.01	4.89e-05	2.40e-04	4.15e-05
1385	39	-0.04	8.06e-03	1.97e-03	3.97e-05	4.97e-05	8.61e-06
1385	69	0.03	-5.92e-03	0.01	4.87e-05	2.32e-04	4.02e-05
1385	71	-0.03	7.40e-03	2.47e-03	4.02e-05	5.80e-05	1.01e-05
1386	5	0.06	-0.01	9.75e-03	3.97e-05	3.32e-04	5.73e-05
1386	7	-0.07	0.02	-3.11e-03	4.66e-06	-7.35e-05	-1.28e-05
1386	37	0.03	-5.37e-03	6.21e-03	3.20e-05	2.32e-04	3.99e-05
1386	39	-0.04	7.66e-03	7.05e-05	1.52e-05	3.80e-05	6.45e-06
1386	69	0.03	-4.87e-03	5.94e-03	3.14e-05	2.24e-04	3.86e-05
1386	71	-0.03	7.06e-03	3.15e-04	1.60e-05	4.65e-05	7.93e-06
1387	6	0.07	-0.02	0.02	6.67e-05	3.73e-04	6.46e-05
1387	7	-0.07	0.02	-4.16e-03	7.23e-05	-2.72e-05	-4.71e-06
1387	38	0.03	-7.71e-03	0.02	6.82e-05	2.68e-04	4.65e-05
1387	39	-0.04	7.97e-03	2.86e-03	7.08e-05	7.74e-05	1.34e-05
1387	70	0.03	-7.05e-03	0.02	6.83e-05	2.60e-04	4.51e-05
1387	71	-0.03	7.32e-03	3.40e-03	7.07e-05	8.54e-05	1.48e-05
1388	6	0.07	-0.01	0.01	5.53e-05	3.68e-04	6.01e-05
1388	7	-0.07	0.02	-3.24e-03	1.79e-05	-4.29e-05	2.20e-06
1388	38	0.03	-6.51e-03	6.80e-03	4.55e-05	2.60e-04	4.50e-05
1388	39	-0.04	7.70e-03	3.13e-04	2.77e-05	6.44e-05	1.73e-05
1388	70	0.03	-5.91e-03	6.53e-03	4.48e-05	2.52e-04	4.38e-05
1388	71	-0.03	7.11e-03	5.86e-04	2.85e-05	7.26e-05	1.85e-05
1389	6	0.07	-0.02	0.02	9.27e-05	3.95e-04	6.85e-05
1389	7	-0.07	0.02	-1.76e-03	9.66e-05	1.82e-05	3.15e-06
1389	38	0.03	-7.87e-03	0.02	9.37e-05	2.97e-04	5.14e-05
1389	39	-0.04	7.83e-03	5.07e-03	9.55e-05	1.17e-04	2.02e-05
1389	70	0.03	-7.21e-03	0.02	9.38e-05	2.89e-04	5.01e-05
1389	71	-0.03	7.17e-03	5.59e-03	9.54e-05	1.24e-04	2.15e-05
1390	6	0.07	-0.01	0.01	6.74e-05	3.90e-04	6.68e-05
1390	7	-0.07	0.02	-2.38e-03	3.19e-05	4.32e-06	0.0
1390	38	0.03	-6.58e-03	7.68e-03	5.81e-05	2.89e-04	4.96e-05
1390	39	-0.04	7.72e-03	1.18e-03	4.12e-05	1.05e-04	1.80e-05
1390	70	0.03	-5.98e-03	7.41e-03	5.74e-05	2.81e-04	4.82e-05
1390	71	-0.03	7.12e-03	1.45e-03	4.19e-05	1.13e-04	1.93e-05
1391	6	0.07	-0.02	0.03	1.17e-04	4.24e-04	7.44e-05
1391	7	-0.07	0.02	1.41e-03	1.25e-04	7.71e-05	1.02e-05
1391	38	0.03	-8.07e-03	0.02	1.19e-04	3.34e-04	5.76e-05
1391	39	-0.03	7.62e-03	8.00e-03	1.23e-04	1.68e-04	2.70e-05
1391	70	0.03	-7.41e-03	0.02	1.19e-04	3.27e-04	5.63e-05
1391	71	-0.03	6.96e-03	8.51e-03	1.23e-04	1.75e-04	2.83e-05
1392	6	0.07	-0.01	0.01	8.15e-05	4.22e-04	6.94e-05

1392	7	-0.07	0.02	-1.21e-03	4.72e-05	6.15e-05	2.25e-05
1392	38	0.03	-6.69e-03	8.89e-03	7.24e-05	3.28e-04	5.72e-05
1392	39	-0.03	7.73e-03	2.36e-03	5.62e-05	1.56e-04	3.48e-05
1392	70	0.03	-6.08e-03	8.62e-03	7.18e-05	3.20e-04	5.62e-05
1392	71	-0.03	7.13e-03	2.64e-03	5.69e-05	1.63e-04	3.57e-05
1393	6	0.07	-0.02	0.03	1.39e-04	4.60e-04	7.88e-05
1393	7	-0.07	0.02	5.36e-03	1.55e-04	1.46e-04	2.89e-05
1393	38	0.03	-8.30e-03	0.02	1.43e-04	3.78e-04	6.58e-05
1393	39	-0.03	7.37e-03	0.01	1.51e-04	2.28e-04	4.19e-05
1393	70	0.03	-7.64e-03	0.02	1.44e-04	3.72e-04	6.48e-05
1393	71	-0.03	6.71e-03	0.01	1.50e-04	2.34e-04	4.29e-05
1394	6	0.07	-0.01	0.01	9.64e-05	4.61e-04	7.84e-05
1394	7	-0.07	0.02	2.80e-04	6.34e-05	1.38e-04	2.74e-05
1394	38	0.03	-6.80e-03	0.01	8.77e-05	3.77e-04	6.51e-05
1394	39	-0.03	7.72e-03	3.89e-03	7.21e-05	2.22e-04	4.07e-05
1394	70	0.03	-6.19e-03	0.01	8.70e-05	3.70e-04	6.41e-05
1394	71	-0.03	7.11e-03	4.16e-03	7.27e-05	2.29e-04	4.18e-05
1395	6	0.07	-0.02	0.03	1.57e-04	4.99e-04	8.65e-05
1395	38	0.03	-8.51e-03	0.03	1.63e-04	4.27e-04	7.40e-05
1395	70	0.03	-7.85e-03	0.03	1.63e-04	4.22e-04	7.31e-05
1396	6	0.07	-0.01	0.02	1.11e-04	5.12e-04	8.25e-05
1396	7	-0.07	0.02	2.13e-03	7.81e-05	2.22e-04	5.98e-05
1396	38	0.03	-6.88e-03	0.01	1.02e-04	4.36e-04	7.65e-05
1396	39	-0.03	7.77e-03	5.77e-03	8.67e-05	2.98e-04	6.57e-05
1396	70	0.03	-6.27e-03	0.01	1.01e-04	4.30e-04	7.61e-05
1396	71	-0.03	7.16e-03	6.04e-03	8.74e-05	3.04e-04	6.62e-05
1397	6	0.07	-0.02	0.04	1.62e-04	5.37e-04	9.34e-05
1397	38	0.03	-8.64e-03	0.03	1.69e-04	4.76e-04	8.27e-05
1397	70	0.03	-7.99e-03	0.03	1.70e-04	4.71e-04	8.18e-05
1398	6	0.07	-0.01	0.02	1.18e-04	5.69e-04	9.81e-05
1398	7	-0.07	0.02	4.19e-03	8.33e-05	3.30e-04	5.34e-05
1398	38	0.03	-6.86e-03	0.01	1.09e-04	5.06e-04	8.64e-05
1398	39	-0.03	7.87e-03	7.89e-03	9.26e-05	3.93e-04	6.51e-05
1398	70	0.03	-6.24e-03	0.01	1.08e-04	5.02e-04	8.55e-05
1398	71	-0.03	7.25e-03	8.18e-03	9.33e-05	3.97e-04	6.59e-05
1399	6	0.07	-0.02	0.04	1.46e-04	5.67e-04	9.89e-05
1399	38	0.03	-8.53e-03	0.04	1.52e-04	5.17e-04	8.98e-05
1399	70	0.03	-7.88e-03	0.03	1.52e-04	5.14e-04	8.91e-05
1400	6	0.07	-0.01	0.02	1.04e-04	6.39e-04	1.12e-04
1400	7	-0.07	0.02	6.31e-03	6.09e-05	4.51e-04	7.35e-05
1400	38	0.03	-5.83e-03	0.02	9.24e-05	5.90e-04	1.02e-04
1400	39	-0.03	8.98e-03	0.01	7.22e-05	5.00e-04	8.36e-05
1400	70	0.03	-5.21e-03	0.02	9.15e-05	5.86e-04	1.01e-04
1400	71	-0.03	8.35e-03	0.01	7.31e-05	5.04e-04	8.44e-05
1401	7	-5.59e-03	9.85e-03	-6.06e-03	-1.36e-04	-5.65e-06	-2.13e-05
1401	8	-5.09e-03	5.33e-03	-6.72e-03	-7.54e-05	-3.13e-06	-1.45e-05
1401	27	-2.74e-03	0.01	-1.36e-03	-1.51e-04	-6.25e-06	-2.04e-05
1401	39	-2.89e-03	5.62e-03	-3.30e-03	-7.78e-05	-3.22e-06	-1.30e-05
1401	40	-2.65e-03	3.52e-03	-3.60e-03	-4.94e-05	-2.05e-06	-9.82e-06
1401	59	-1.53e-03	6.16e-03	-1.06e-03	-8.40e-05	-1.25e-06	-5.41e-05
1401	71	-2.68e-03	5.30e-03	-3.08e-03	-7.33e-05	-3.04e-06	-1.23e-05
1401	72	-2.47e-03	3.37e-03	-3.37e-03	-4.74e-05	-1.96e-06	-9.46e-06
1401	91	-1.43e-03	5.79e-03	-1.03e-03	-7.90e-05	-3.28e-06	-1.19e-05
1402	7	-0.01	0.02	-9.05e-03	-1.50e-04	-6.21e-06	-5.41e-05
1402	8	-9.99e-03	0.01	-9.95e-03	-8.66e-05	-3.59e-06	-3.70e-05
1402	27	-5.12e-03	0.02	-2.12e-03	-1.63e-04	-6.76e-06	-5.33e-05
1402	39	-5.58e-03	0.01	-4.89e-03	-8.77e-05	-3.64e-06	-3.40e-05
1402	40	-5.17e-03	8.07e-03	-5.32e-03	-5.82e-05	-2.41e-06	-2.60e-05
1402	59	-2.83e-03	0.01	-1.59e-03	-9.33e-05	-3.87e-06	-3.34e-05
1402	71	-5.18e-03	0.01	-4.58e-03	-8.30e-05	-3.44e-06	-3.25e-05
1402	72	-4.80e-03	7.76e-03	-4.96e-03	-5.60e-05	-2.32e-06	-2.51e-05
1402	91	-2.66e-03	0.01	-1.55e-03	-8.81e-05	-3.65e-06	-3.19e-05
1403	8	-1.67e-03	6.74e-04	-2.81e-03	-3.42e-05	-1.42e-06	0.0
1403	27	-2.91e-04	1.46e-03	-5.34e-04	-7.00e-05	-2.90e-06	3.75e-06
1403	40	-8.82e-04	4.48e-04	-1.51e-03	-2.21e-05	0.0	0.0
1403	59	-2.25e-04	8.10e-04	-4.26e-04	-3.85e-05	-1.60e-06	1.78e-06
1403	72	-8.22e-04	4.30e-04	-1.41e-03	-2.12e-05	0.0	0.0
1403	91	-2.19e-04	7.61e-04	-4.18e-04	-3.62e-05	-1.50e-06	1.63e-06
1404	5	0.07	0.01	-0.09	-2.01e-03	1.21e-03	1.14e-04
1404	7	-0.07	0.05	-0.08	-1.70e-03	9.19e-04	7.87e-05
1404	8	-0.08	0.04	-0.08	-1.63e-03	8.88e-04	6.33e-05
1404	37	0.03	0.02	-0.09	-1.91e-03	1.12e-03	1.01e-04
1404	39	-0.04	0.04	-0.08	-1.76e-03	9.86e-04	8.39e-05
1404	40	-0.04	0.03	-0.08	-1.73e-03	9.72e-04	7.67e-05
1404	69	0.03	0.02	-0.09	-1.91e-03	1.12e-03	9.98e-05
1404	71	-0.03	0.03	-0.08	-1.77e-03	9.92e-04	8.43e-05
1404	72	-0.04	0.03	-0.08	-1.74e-03	9.78e-04	7.78e-05

1405	5	0.07	0.02	-0.19	-2.17e-03	1.17e-03	1.20e-04
1405	7	-0.07	0.05	-0.16	-1.85e-03	9.06e-04	9.10e-05
1405	8	-0.08	0.05	-0.15	-1.78e-03	8.75e-04	7.48e-05
1405	37	0.03	0.03	-0.18	-2.07e-03	1.10e-03	1.08e-04
1405	39	-0.04	0.05	-0.17	-1.92e-03	9.68e-04	9.45e-05
1405	40	-0.04	0.04	-0.16	-1.88e-03	9.53e-04	8.69e-05
1405	69	0.03	0.03	-0.18	-2.06e-03	1.09e-03	1.07e-04
1405	71	-0.03	0.04	-0.17	-1.92e-03	9.73e-04	9.47e-05
1405	72	-0.04	0.04	-0.16	-1.89e-03	9.59e-04	8.78e-05
1406	5	0.07	0.04	-0.30	-2.29e-03	1.30e-03	1.33e-04
1406	7	-0.07	0.07	-0.25	-2.01e-03	1.08e-03	1.76e-04
1406	8	-0.08	0.06	-0.25	-1.94e-03	1.04e-03	1.67e-04
1406	37	0.03	0.04	-0.28	-2.20e-03	1.23e-03	1.42e-04
1406	39	-0.04	0.06	-0.26	-2.06e-03	1.13e-03	1.62e-04
1406	40	-0.04	0.06	-0.26	-2.03e-03	1.11e-03	1.58e-04
1406	69	0.03	0.04	-0.28	-2.19e-03	1.23e-03	1.42e-04
1406	71	-0.03	0.06	-0.26	-2.07e-03	1.13e-03	1.61e-04
1406	72	-0.04	0.05	-0.26	-2.04e-03	1.11e-03	1.57e-04
1407	5	0.08	-0.03	0.18	-1.54e-03	1.44e-03	1.70e-04
1407	6	0.07	-0.03	0.17	-1.50e-03	1.40e-03	1.64e-04
1407	37	0.04	-0.02	0.17	-1.48e-03	1.36e-03	1.61e-04
1407	38	0.03	-0.02	0.16	-1.46e-03	1.34e-03	1.58e-04
1407	69	0.03	-0.02	0.17	-1.48e-03	1.36e-03	1.60e-04
1407	70	0.03	-0.02	0.16	-1.46e-03	1.34e-03	1.58e-04
1408	5	0.07	0.04	-0.33	-2.07e-03	1.34e-03	1.66e-04
1408	7	-0.07	0.07	-0.28	-1.82e-03	1.11e-03	1.34e-04
1408	8	-0.08	0.06	-0.27	-1.77e-03	1.08e-03	1.30e-04
1408	37	0.03	0.04	-0.31	-1.99e-03	1.27e-03	1.57e-04
1408	39	-0.04	0.06	-0.29	-1.87e-03	1.16e-03	1.41e-04
1408	40	-0.04	0.06	-0.29	-1.84e-03	1.15e-03	1.39e-04
1408	69	0.03	0.05	-0.31	-1.98e-03	1.27e-03	1.56e-04
1408	71	-0.04	0.06	-0.29	-1.88e-03	1.17e-03	1.42e-04
1408	72	-0.04	0.06	-0.29	-1.85e-03	1.15e-03	1.40e-04
1409	5	0.07	0.03	-0.26	-2.00e-03	1.37e-03	1.71e-04
1409	7	-0.07	0.06	-0.23	-1.76e-03	1.12e-03	1.38e-04
1409	8	-0.08	0.05	-0.22	-1.70e-03	1.08e-03	1.33e-04
1409	37	0.03	0.04	-0.25	-1.92e-03	1.29e-03	1.61e-04
1409	39	-0.04	0.05	-0.23	-1.81e-03	1.17e-03	1.45e-04
1409	40	-0.04	0.05	-0.23	-1.78e-03	1.15e-03	1.43e-04
1409	69	0.03	0.04	-0.25	-1.91e-03	1.29e-03	1.60e-04
1409	71	-0.04	0.05	-0.23	-1.81e-03	1.18e-03	1.46e-04
1409	72	-0.04	0.05	-0.23	-1.78e-03	1.16e-03	1.43e-04
1410	7	-0.07	0.05	-0.19	-1.65e-03	1.17e-03	1.39e-04
1410	8	-0.08	0.05	-0.19	-1.60e-03	1.13e-03	1.34e-04
1410	39	-0.04	0.04	-0.18	-1.70e-03	1.23e-03	1.46e-04
1410	40	-0.04	0.04	-0.18	-1.67e-03	1.21e-03	1.44e-04
1410	71	-0.04	0.04	-0.18	-1.70e-03	1.23e-03	1.47e-04
1410	72	-0.04	0.04	-0.18	-1.68e-03	1.21e-03	1.44e-04
1411	7	-0.07	0.04	-0.12	-1.53e-03	1.24e-03	1.51e-04
1411	8	-0.08	0.03	-0.12	-1.48e-03	1.19e-03	1.45e-04
1411	39	-0.04	0.03	-0.12	-1.57e-03	1.30e-03	1.58e-04
1411	40	-0.04	0.03	-0.11	-1.55e-03	1.28e-03	1.55e-04
1411	71	-0.04	0.03	-0.12	-1.57e-03	1.30e-03	1.58e-04
1411	72	-0.04	0.03	-0.11	-1.55e-03	1.28e-03	1.56e-04
1412	7	-0.07	0.03	-0.07	-1.43e-03	1.29e-03	1.48e-04
1412	8	-0.08	0.03	-0.08	-1.38e-03	1.24e-03	1.43e-04
1412	39	-0.04	0.02	-0.07	-1.46e-03	1.35e-03	1.54e-04
1412	40	-0.04	0.02	-0.07	-1.44e-03	1.33e-03	1.52e-04
1412	71	-0.04	0.02	-0.07	-1.47e-03	1.35e-03	1.55e-04
1412	72	-0.04	0.02	-0.07	-1.45e-03	1.33e-03	1.52e-04
1413	7	-0.07	0.02	-0.03	-1.27e-03	1.31e-03	1.84e-04
1413	8	-0.08	0.02	-0.03	-1.22e-03	1.26e-03	1.80e-04
1413	39	-0.04	0.01	-0.02	-1.30e-03	1.38e-03	1.89e-04
1413	40	-0.04	0.01	-0.02	-1.28e-03	1.35e-03	1.87e-04
1413	71	-0.04	0.01	-0.02	-1.30e-03	1.38e-03	1.90e-04
1413	72	-0.04	0.01	-0.02	-1.29e-03	1.36e-03	1.88e-04
1414	5	0.07	-0.02	0.09	-1.43e-03	1.49e-03	1.72e-04
1414	6	0.06	-0.02	0.09	-1.39e-03	1.44e-03	1.69e-04
1414	8	-0.08	7.89e-03	0.05	-1.22e-03	1.17e-03	1.57e-04
1414	37	0.03	-0.01	0.08	-1.38e-03	1.41e-03	1.68e-04
1414	38	0.03	-0.02	0.08	-1.36e-03	1.38e-03	1.67e-04
1414	40	-0.04	1.36e-04	0.06	-1.27e-03	1.26e-03	1.61e-04
1414	69	0.03	-0.01	0.08	-1.37e-03	1.40e-03	1.68e-04
1414	70	0.03	-0.01	0.08	-1.35e-03	1.38e-03	1.67e-04
1414	72	-0.04	-4.62e-04	0.06	-1.28e-03	1.26e-03	1.61e-04
1415	5	0.08	-0.03	0.14	-1.53e-03	1.45e-03	1.72e-04
1415	6	0.06	-0.03	0.13	-1.48e-03	1.41e-03	1.67e-04

1415	8	-0.08	3.44e-03	0.09	-1.30e-03	1.15e-03	1.37e-04
1415	37	0.04	-0.02	0.12	-1.47e-03	1.38e-03	1.63e-04
1415	38	0.03	-0.02	0.12	-1.45e-03	1.35e-03	1.60e-04
1415	40	-0.04	-4.38e-03	0.10	-1.36e-03	1.23e-03	1.46e-04
1415	69	0.03	-0.02	0.12	-1.46e-03	1.37e-03	1.62e-04
1415	70	0.03	-0.02	0.12	-1.44e-03	1.35e-03	1.60e-04
1415	72	-0.04	-4.98e-03	0.10	-1.36e-03	1.24e-03	1.47e-04
1416	5	0.08	-0.02	0.13	-1.56e-03	1.43e-03	1.68e-04
1416	6	0.07	-0.03	0.13	-1.52e-03	1.38e-03	1.63e-04
1416	37	0.04	-0.02	0.12	-1.50e-03	1.35e-03	1.59e-04
1416	38	0.03	-0.02	0.12	-1.48e-03	1.33e-03	1.57e-04
1416	69	0.03	-0.02	0.12	-1.50e-03	1.34e-03	1.58e-04
1416	70	0.03	-0.02	0.12	-1.48e-03	1.32e-03	1.56e-04
1417	5	0.08	-0.02	0.09	-1.62e-03	1.39e-03	1.64e-04
1417	6	0.07	-0.02	0.09	-1.57e-03	1.35e-03	1.60e-04
1417	37	0.04	-9.60e-03	0.08	-1.55e-03	1.32e-03	1.56e-04
1417	38	0.03	-0.01	0.08	-1.53e-03	1.29e-03	1.54e-04
1417	69	0.03	-9.00e-03	0.08	-1.55e-03	1.31e-03	1.55e-04
1417	70	0.03	-0.01	0.08	-1.53e-03	1.29e-03	1.53e-04
1418	5	0.08	-0.01	0.05	-1.69e-03	1.35e-03	1.60e-04
1418	7	-0.07	0.02	0.02	-1.49e-03	1.10e-03	1.29e-04
1418	37	0.04	-2.74e-03	0.04	-1.63e-03	1.27e-03	1.51e-04
1418	39	-0.03	0.01	0.03	-1.53e-03	1.15e-03	1.36e-04
1418	69	0.03	-2.16e-03	0.04	-1.62e-03	1.26e-03	1.50e-04
1418	71	-0.03	0.01	0.03	-1.53e-03	1.15e-03	1.36e-04
1419	7	-0.07	0.03	-0.01	-1.57e-03	1.05e-03	1.27e-04
1419	8	-0.08	0.03	-0.02	-1.52e-03	1.01e-03	1.22e-04
1419	39	-0.03	0.02	-8.70e-03	-1.61e-03	1.10e-03	1.33e-04
1419	40	-0.04	0.02	-9.93e-03	-1.58e-03	1.08e-03	1.30e-04
1419	71	-0.03	0.02	-8.34e-03	-1.61e-03	1.10e-03	1.33e-04
1419	72	-0.03	0.02	-9.46e-03	-1.59e-03	1.09e-03	1.31e-04
1420	7	-0.07	0.03	-0.05	-1.65e-03	1.00e-03	1.20e-04
1420	8	-0.08	0.03	-0.05	-1.59e-03	9.59e-04	1.16e-04
1420	39	-0.03	0.03	-0.05	-1.69e-03	1.05e-03	1.26e-04
1420	40	-0.04	0.02	-0.04	-1.67e-03	1.03e-03	1.24e-04
1420	71	-0.03	0.02	-0.05	-1.70e-03	1.06e-03	1.27e-04
1420	72	-0.03	0.02	-0.04	-1.67e-03	1.04e-03	1.25e-04
1421	7	-0.07	0.04	-0.09	-1.73e-03	9.58e-04	1.17e-04
1421	8	-0.08	0.04	-0.08	-1.68e-03	9.20e-04	1.13e-04
1421	39	-0.03	0.03	-0.08	-1.78e-03	1.01e-03	1.23e-04
1421	40	-0.04	0.03	-0.08	-1.76e-03	9.89e-04	1.21e-04
1421	71	-0.03	0.03	-0.08	-1.79e-03	1.01e-03	1.23e-04
1421	72	-0.04	0.03	-0.08	-1.76e-03	9.95e-04	1.21e-04
1422	7	-0.07	0.05	-0.12	-1.83e-03	9.30e-04	1.13e-04
1422	8	-0.08	0.04	-0.12	-1.77e-03	8.93e-04	1.09e-04
1422	39	-0.03	0.04	-0.11	-1.88e-03	9.77e-04	1.19e-04
1422	40	-0.04	0.03	-0.11	-1.86e-03	9.59e-04	1.17e-04
1422	71	-0.03	0.04	-0.11	-1.89e-03	9.80e-04	1.19e-04
1422	72	-0.04	0.03	-0.11	-1.86e-03	9.64e-04	1.17e-04
1423	5	0.07	0.02	-0.16	-2.21e-03	1.12e-03	1.40e-04
1423	7	-0.07	0.05	-0.13	-1.94e-03	9.23e-04	1.03e-04
1423	8	-0.08	0.05	-0.13	-1.87e-03	8.89e-04	9.80e-05
1423	37	0.03	0.03	-0.15	-2.12e-03	1.06e-03	1.29e-04
1423	39	-0.03	0.04	-0.14	-1.99e-03	9.67e-04	1.11e-04
1423	40	-0.04	0.04	-0.13	-1.96e-03	9.50e-04	1.09e-04
1423	69	0.03	0.03	-0.15	-2.12e-03	1.06e-03	1.28e-04
1423	71	-0.03	0.04	-0.14	-2.00e-03	9.70e-04	1.12e-04
1423	72	-0.04	0.04	-0.13	-1.97e-03	9.55e-04	1.10e-04
1424	5	0.07	0.03	-0.24	-2.34e-03	1.17e-03	1.47e-04
1424	7	-0.07	0.06	-0.21	-2.04e-03	9.59e-04	1.25e-04
1424	8	-0.08	0.06	-0.20	-1.97e-03	9.24e-04	1.22e-04
1424	37	0.03	0.04	-0.23	-2.24e-03	1.11e-03	1.40e-04
1424	39	-0.04	0.05	-0.22	-2.10e-03	1.01e-03	1.30e-04
1424	40	-0.04	0.05	-0.21	-2.07e-03	9.89e-04	1.28e-04
1424	69	0.03	0.04	-0.23	-2.24e-03	1.10e-03	1.40e-04
1424	71	-0.03	0.05	-0.22	-2.10e-03	1.01e-03	1.30e-04
1424	72	-0.04	0.05	-0.21	-2.07e-03	9.94e-04	1.29e-04
1425	5	0.07	0.04	-0.35	-2.09e-03	1.46e-03	1.49e-04
1425	7	-0.07	0.07	-0.30	-1.85e-03	1.24e-03	3.61e-05
1425	8	-0.08	0.07	-0.29	-1.79e-03	1.20e-03	1.07e-05
1425	37	0.03	0.05	-0.33	-2.01e-03	1.39e-03	1.13e-04
1425	39	-0.04	0.06	-0.31	-1.89e-03	1.29e-03	5.88e-05
1425	40	-0.04	0.06	-0.30	-1.87e-03	1.27e-03	4.68e-05
1425	69	0.03	0.05	-0.33	-2.01e-03	1.38e-03	1.10e-04
1425	71	-0.04	0.06	-0.31	-1.90e-03	1.29e-03	6.06e-05
1425	72	-0.04	0.06	-0.31	-1.87e-03	1.27e-03	4.95e-05
1426	5	0.07	0.04	-0.36	-1.97e-03	1.39e-03	-4.45e-06

1426	7	-0.07	0.07	-0.31	-1.73e-03	1.18e-03	1.15e-04
1426	8	-0.08	0.07	-0.30	-1.67e-03	1.14e-03	9.30e-05
1426	37	0.03	0.05	-0.34	-1.89e-03	1.32e-03	2.10e-05
1426	39	-0.04	0.06	-0.32	-1.78e-03	1.22e-03	7.79e-05
1426	40	-0.04	0.06	-0.32	-1.75e-03	1.20e-03	6.76e-05
1426	69	0.03	0.05	-0.34	-1.89e-03	1.32e-03	2.30e-05
1426	71	-0.04	0.06	-0.32	-1.78e-03	1.23e-03	7.51e-05
1426	72	-0.04	0.06	-0.32	-1.75e-03	1.21e-03	6.56e-05
1427	5	0.07	0.03	-0.29	-2.05e-03	1.35e-03	1.62e-04
1427	7	-0.07	0.06	-0.25	-1.80e-03	1.11e-03	1.34e-04
1427	8	-0.08	0.06	-0.25	-1.74e-03	1.07e-03	1.29e-04
1427	37	0.03	0.04	-0.28	-1.97e-03	1.28e-03	1.53e-04
1427	39	-0.04	0.05	-0.26	-1.85e-03	1.16e-03	1.40e-04
1427	40	-0.04	0.05	-0.26	-1.82e-03	1.14e-03	1.38e-04
1427	69	0.03	0.04	-0.28	-1.96e-03	1.27e-03	1.53e-04
1427	71	-0.04	0.05	-0.26	-1.85e-03	1.16e-03	1.40e-04
1427	72	-0.04	0.05	-0.26	-1.83e-03	1.15e-03	1.38e-04
1428	7	-0.07	0.05	-0.23	-1.71e-03	1.14e-03	1.32e-04
1428	8	-0.08	0.05	-0.22	-1.65e-03	1.10e-03	1.27e-04
1428	39	-0.04	0.04	-0.22	-1.75e-03	1.20e-03	1.38e-04
1428	40	-0.04	0.04	-0.21	-1.73e-03	1.18e-03	1.35e-04
1428	71	-0.04	0.04	-0.22	-1.76e-03	1.20e-03	1.38e-04
1428	72	-0.04	0.04	-0.21	-1.73e-03	1.18e-03	1.36e-04
1429	7	-0.07	0.04	-0.16	-1.59e-03	1.20e-03	1.44e-04
1429	8	-0.08	0.04	-0.15	-1.54e-03	1.16e-03	1.38e-04
1429	39	-0.04	0.03	-0.15	-1.64e-03	1.26e-03	1.51e-04
1429	40	-0.04	0.03	-0.15	-1.61e-03	1.24e-03	1.48e-04
1429	71	-0.04	0.03	-0.15	-1.64e-03	1.27e-03	1.51e-04
1429	72	-0.04	0.03	-0.15	-1.62e-03	1.25e-03	1.49e-04
1430	5	0.07	0.03	-0.26	-2.23e-03	1.27e-03	1.50e-04
1430	7	-0.07	0.06	-0.22	-1.96e-03	1.05e-03	1.28e-04
1430	8	-0.08	0.06	-0.21	-1.89e-03	1.01e-03	1.24e-04
1430	37	0.03	0.04	-0.25	-2.14e-03	1.20e-03	1.44e-04
1430	39	-0.04	0.05	-0.23	-2.01e-03	1.10e-03	1.33e-04
1430	40	-0.04	0.05	-0.23	-1.98e-03	1.08e-03	1.31e-04
1430	69	0.03	0.04	-0.25	-2.14e-03	1.20e-03	1.43e-04
1430	71	-0.03	0.05	-0.23	-2.02e-03	1.10e-03	1.33e-04
1430	72	-0.04	0.05	-0.23	-1.99e-03	1.08e-03	1.32e-04
1431	7	-0.07	0.03	-0.03	-1.51e-03	1.13e-03	1.35e-04
1431	8	-0.08	0.02	-0.03	-1.46e-03	1.09e-03	1.30e-04
1431	39	-0.03	0.02	-0.02	-1.55e-03	1.19e-03	1.42e-04
1431	40	-0.04	0.02	-0.02	-1.53e-03	1.17e-03	1.40e-04
1431	71	-0.03	0.02	-0.02	-1.55e-03	1.19e-03	1.43e-04
1431	72	-0.04	0.02	-0.02	-1.53e-03	1.17e-03	1.40e-04
1432	5	0.08	-0.01	0.04	-1.63e-03	1.43e-03	1.73e-04
1432	7	-0.07	0.02	0.01	-1.43e-03	1.17e-03	1.41e-04
1432	8	-0.08	0.02	0.01	-1.39e-03	1.12e-03	1.35e-04
1432	37	0.04	-4.16e-03	0.03	-1.56e-03	1.35e-03	1.63e-04
1432	39	-0.03	0.01	0.02	-1.47e-03	1.23e-03	1.48e-04
1432	40	-0.04	9.86e-03	0.02	-1.45e-03	1.20e-03	1.45e-04
1432	69	0.03	-3.57e-03	0.03	-1.56e-03	1.34e-03	1.62e-04
1432	71	-0.03	0.01	0.02	-1.47e-03	1.23e-03	1.48e-04
1432	72	-0.04	9.27e-03	0.02	-1.45e-03	1.21e-03	1.46e-04
1433	5	0.07	0.03	-0.28	-2.09e-03	1.33e-03	1.65e-04
1433	7	-0.07	0.06	-0.24	-1.84e-03	1.10e-03	1.29e-04
1433	8	-0.08	0.06	-0.23	-1.78e-03	1.06e-03	1.24e-04
1433	37	0.03	0.04	-0.27	-2.01e-03	1.26e-03	1.54e-04
1433	39	-0.04	0.05	-0.25	-1.89e-03	1.15e-03	1.37e-04
1433	40	-0.04	0.05	-0.25	-1.86e-03	1.13e-03	1.34e-04
1433	69	0.03	0.04	-0.27	-2.00e-03	1.25e-03	1.53e-04
1433	71	-0.04	0.05	-0.25	-1.89e-03	1.15e-03	1.38e-04
1433	72	-0.04	0.05	-0.25	-1.87e-03	1.13e-03	1.35e-04
1434	7	-0.07	0.03	-0.06	-1.58e-03	1.09e-03	1.29e-04
1434	8	-0.08	0.03	-0.06	-1.53e-03	1.05e-03	1.24e-04
1434	39	-0.03	0.02	-0.06	-1.62e-03	1.15e-03	1.35e-04
1434	40	-0.04	0.02	-0.06	-1.60e-03	1.13e-03	1.33e-04
1434	71	-0.03	0.02	-0.06	-1.62e-03	1.15e-03	1.36e-04
1434	72	-0.04	0.02	-0.06	-1.60e-03	1.13e-03	1.34e-04
1435	7	-0.07	0.03	-0.03	-1.43e-03	1.24e-03	1.44e-04
1435	8	-0.08	0.02	-0.03	-1.38e-03	1.19e-03	1.39e-04
1435	39	-0.04	0.02	-0.02	-1.46e-03	1.30e-03	1.50e-04
1435	40	-0.04	0.01	-0.02	-1.44e-03	1.27e-03	1.48e-04
1435	71	-0.03	0.02	-0.02	-1.47e-03	1.30e-03	1.51e-04
1435	72	-0.04	0.01	-0.02	-1.45e-03	1.28e-03	1.49e-04
1436	7	-0.07	0.04	-0.11	-1.58e-03	1.16e-03	1.38e-04
1436	8	-0.08	0.04	-0.11	-1.53e-03	1.12e-03	1.33e-04
1436	39	-0.04	0.03	-0.10	-1.63e-03	1.22e-03	1.44e-04

1436	40	-0.04	0.03	-0.10	-1.60e-03	1.20e-03	1.42e-04
1436	71	-0.03	0.03	-0.10	-1.63e-03	1.22e-03	1.44e-04
1436	72	-0.04	0.03	-0.10	-1.61e-03	1.20e-03	1.42e-04
1437	5	0.07	0.03	-0.24	-2.05e-03	1.32e-03	1.57e-04
1437	7	-0.07	0.06	-0.21	-1.81e-03	1.08e-03	1.29e-04
1437	8	-0.08	0.05	-0.20	-1.75e-03	1.04e-03	1.25e-04
1437	37	0.03	0.03	-0.23	-1.97e-03	1.24e-03	1.48e-04
1437	39	-0.04	0.05	-0.21	-1.86e-03	1.13e-03	1.35e-04
1437	40	-0.04	0.05	-0.21	-1.83e-03	1.11e-03	1.33e-04
1437	69	0.03	0.04	-0.23	-1.97e-03	1.24e-03	1.48e-04
1437	71	-0.03	0.05	-0.22	-1.86e-03	1.13e-03	1.36e-04
1437	72	-0.04	0.05	-0.21	-1.83e-03	1.12e-03	1.34e-04
1438	7	-0.07	0.05	-0.21	-1.76e-03	1.09e-03	1.32e-04
1438	8	-0.08	0.05	-0.21	-1.70e-03	1.05e-03	1.27e-04
1438	39	-0.04	0.05	-0.20	-1.80e-03	1.14e-03	1.38e-04
1438	40	-0.04	0.04	-0.20	-1.78e-03	1.12e-03	1.36e-04
1438	71	-0.03	0.04	-0.20	-1.81e-03	1.15e-03	1.39e-04
1438	72	-0.04	0.04	-0.20	-1.78e-03	1.13e-03	1.37e-04
1439	7	-0.07	0.05	-0.18	-1.71e-03	1.11e-03	1.30e-04
1439	8	-0.08	0.05	-0.18	-1.65e-03	1.06e-03	1.25e-04
1439	39	-0.04	0.04	-0.18	-1.75e-03	1.16e-03	1.35e-04
1439	40	-0.04	0.04	-0.17	-1.73e-03	1.14e-03	1.33e-04
1439	71	-0.03	0.04	-0.17	-1.76e-03	1.17e-03	1.35e-04
1439	72	-0.04	0.04	-0.17	-1.73e-03	1.15e-03	1.33e-04
1440	7	-0.07	0.04	-0.15	-1.65e-03	1.12e-03	1.33e-04
1440	8	-0.08	0.04	-0.14	-1.60e-03	1.08e-03	1.28e-04
1440	39	-0.04	0.04	-0.14	-1.69e-03	1.18e-03	1.38e-04
1440	40	-0.04	0.03	-0.14	-1.67e-03	1.16e-03	1.36e-04
1440	71	-0.03	0.03	-0.14	-1.70e-03	1.19e-03	1.38e-04
1440	72	-0.04	0.03	-0.14	-1.67e-03	1.17e-03	1.36e-04
1441	7	-0.07	0.05	-0.15	-1.74e-03	1.03e-03	1.24e-04
1441	8	-0.08	0.04	-0.15	-1.69e-03	9.88e-04	1.19e-04
1441	39	-0.04	0.04	-0.15	-1.79e-03	1.08e-03	1.30e-04
1441	40	-0.04	0.04	-0.14	-1.76e-03	1.06e-03	1.27e-04
1441	71	-0.03	0.04	-0.15	-1.79e-03	1.08e-03	1.30e-04
1441	72	-0.04	0.04	-0.14	-1.77e-03	1.07e-03	1.28e-04
1442	7	-0.07	0.04	-0.10	-1.66e-03	1.05e-03	1.28e-04
1442	8	-0.08	0.04	-0.10	-1.60e-03	1.01e-03	1.23e-04
1442	39	-0.03	0.03	-0.10	-1.70e-03	1.10e-03	1.35e-04
1442	40	-0.04	0.03	-0.09	-1.68e-03	1.08e-03	1.33e-04
1442	71	-0.03	0.03	-0.10	-1.70e-03	1.11e-03	1.36e-04
1442	72	-0.04	0.03	-0.09	-1.68e-03	1.09e-03	1.34e-04
1443	5	0.07	0.02	-0.19	-2.10e-03	1.23e-03	1.41e-04
1443	7	-0.07	0.05	-0.16	-1.84e-03	1.00e-03	1.18e-04
1443	8	-0.08	0.05	-0.16	-1.79e-03	9.64e-04	1.15e-04
1443	37	0.03	0.03	-0.18	-2.02e-03	1.16e-03	1.34e-04
1443	39	-0.04	0.04	-0.17	-1.90e-03	1.05e-03	1.23e-04
1443	40	-0.04	0.04	-0.17	-1.87e-03	1.03e-03	1.21e-04
1443	69	0.03	0.03	-0.18	-2.01e-03	1.15e-03	1.33e-04
1443	71	-0.03	0.04	-0.17	-1.90e-03	1.06e-03	1.24e-04
1443	72	-0.04	0.04	-0.17	-1.87e-03	1.04e-03	1.22e-04
1444	5	0.07	0.04	-0.31	-2.12e-03	1.35e-03	1.72e-04
1444	7	-0.07	0.07	-0.27	-1.87e-03	1.13e-03	1.28e-04
1444	8	-0.08	0.06	-0.26	-1.82e-03	1.10e-03	1.20e-04
1444	37	0.03	0.04	-0.30	-2.04e-03	1.28e-03	1.58e-04
1444	39	-0.04	0.06	-0.28	-1.92e-03	1.18e-03	1.37e-04
1444	40	-0.04	0.06	-0.27	-1.90e-03	1.16e-03	1.33e-04
1444	69	0.03	0.04	-0.30	-2.03e-03	1.28e-03	1.57e-04
1444	71	-0.04	0.06	-0.28	-1.93e-03	1.18e-03	1.38e-04
1444	72	-0.04	0.06	-0.28	-1.90e-03	1.17e-03	1.34e-04
1445	5	0.08	-0.02	0.09	-1.56e-03	1.45e-03	1.78e-04
1445	6	0.06	-0.02	0.08	-1.51e-03	1.41e-03	1.72e-04
1445	8	-0.08	0.01	0.05	-1.33e-03	1.15e-03	1.40e-04
1445	37	0.04	-0.01	0.08	-1.50e-03	1.38e-03	1.68e-04
1445	38	0.03	-0.01	0.08	-1.48e-03	1.35e-03	1.65e-04
1445	40	-0.04	2.68e-03	0.06	-1.39e-03	1.23e-03	1.50e-04
1445	69	0.03	-0.01	0.08	-1.49e-03	1.37e-03	1.67e-04
1445	70	0.03	-0.01	0.08	-1.47e-03	1.35e-03	1.65e-04
1445	72	-0.04	2.08e-03	0.06	-1.39e-03	1.24e-03	1.50e-04
1446	5	0.07	-0.01	0.04	-1.50e-03	1.53e-03	1.72e-04
1446	7	-0.07	0.02	0.01	-1.33e-03	1.26e-03	1.47e-04
1446	8	-0.08	0.02	0.01	-1.29e-03	1.21e-03	1.42e-04
1446	37	0.03	-6.70e-03	0.04	-1.45e-03	1.44e-03	1.64e-04
1446	39	-0.04	8.50e-03	0.02	-1.37e-03	1.32e-03	1.52e-04
1446	40	-0.04	7.40e-03	0.02	-1.34e-03	1.29e-03	1.50e-04
1446	69	0.03	-6.11e-03	0.03	-1.44e-03	1.44e-03	1.63e-04
1446	71	-0.03	7.82e-03	0.02	-1.37e-03	1.32e-03	1.52e-04

1446	72	-0.04	6.81e-03	0.02	-1.35e-03	1.30e-03	1.50e-04
1447	7	-0.07	0.03	-0.07	-1.52e-03	1.20e-03	1.46e-04
1447	8	-0.08	0.03	-0.08	-1.47e-03	1.15e-03	1.39e-04
1447	39	-0.04	0.02	-0.07	-1.56e-03	1.26e-03	1.54e-04
1447	40	-0.04	0.02	-0.07	-1.53e-03	1.23e-03	1.50e-04
1447	71	-0.03	0.02	-0.07	-1.56e-03	1.26e-03	1.54e-04
1447	72	-0.04	0.02	-0.07	-1.54e-03	1.24e-03	1.51e-04
1448	5	0.07	0.03	-0.21	-2.23e-03	1.18e-03	1.29e-04
1448	7	-0.07	0.06	-0.18	-1.96e-03	9.62e-04	9.93e-05
1448	8	-0.08	0.05	-0.17	-1.89e-03	9.26e-04	9.56e-05
1448	37	0.03	0.03	-0.20	-2.15e-03	1.11e-03	1.20e-04
1448	39	-0.04	0.05	-0.18	-2.01e-03	1.01e-03	1.06e-04
1448	40	-0.04	0.05	-0.18	-1.98e-03	9.92e-04	1.04e-04
1448	69	0.03	0.03	-0.20	-2.14e-03	1.11e-03	1.20e-04
1448	71	-0.03	0.05	-0.18	-2.02e-03	1.01e-03	1.07e-04
1448	72	-0.04	0.04	-0.18	-1.99e-03	9.97e-04	1.05e-04
1449	5	0.07	0.03	-0.24	-2.14e-03	1.28e-03	1.54e-04
1449	7	-0.07	0.06	-0.21	-1.88e-03	1.05e-03	1.30e-04
1449	8	-0.08	0.06	-0.20	-1.82e-03	1.01e-03	1.25e-04
1449	37	0.03	0.04	-0.23	-2.06e-03	1.21e-03	1.47e-04
1449	39	-0.04	0.05	-0.22	-1.93e-03	1.10e-03	1.35e-04
1449	40	-0.04	0.05	-0.21	-1.90e-03	1.08e-03	1.33e-04
1449	69	0.03	0.04	-0.23	-2.05e-03	1.20e-03	1.46e-04
1449	71	-0.03	0.05	-0.22	-1.94e-03	1.10e-03	1.35e-04
1449	72	-0.04	0.05	-0.21	-1.91e-03	1.09e-03	1.33e-04
1450	5	0.07	0.01	-0.09	2.39e-04	1.84e-03	2.57e-04
1450	7	-0.07	0.04	-0.08	5.65e-04	1.63e-03	2.28e-04
1450	8	-0.09	0.04	-0.07	6.04e-04	1.58e-03	2.21e-04
1450	37	0.03	0.02	-0.08	3.34e-04	1.77e-03	2.47e-04
1450	39	-0.04	0.03	-0.08	4.90e-04	1.67e-03	2.34e-04
1450	40	-0.05	0.03	-0.08	5.09e-04	1.65e-03	2.30e-04
1450	69	0.03	0.02	-0.08	3.42e-04	1.77e-03	2.47e-04
1450	71	-0.04	0.03	-0.08	4.85e-04	1.68e-03	2.34e-04
1450	72	-0.04	0.03	-0.08	5.01e-04	1.65e-03	2.31e-04
1451	5	0.07	0.02	-0.17	3.02e-04	1.74e-03	2.42e-04
1451	7	-0.07	0.05	-0.15	6.27e-04	1.55e-03	2.16e-04
1451	8	-0.09	0.05	-0.14	6.67e-04	1.50e-03	2.10e-04
1451	37	0.03	0.03	-0.16	3.97e-04	1.68e-03	2.34e-04
1451	39	-0.04	0.04	-0.15	5.53e-04	1.59e-03	2.21e-04
1451	40	-0.05	0.04	-0.15	5.72e-04	1.57e-03	2.18e-04
1451	69	0.03	0.03	-0.16	4.05e-04	1.67e-03	2.33e-04
1451	71	-0.04	0.04	-0.15	5.47e-04	1.59e-03	2.22e-04
1451	72	-0.04	0.04	-0.15	5.65e-04	1.57e-03	2.19e-04
1452	5	0.07	0.03	-0.24	3.10e-04	1.30e-03	1.80e-04
1452	7	-0.07	0.06	-0.21	6.30e-04	1.45e-03	2.01e-04
1452	8	-0.09	0.06	-0.21	6.72e-04	1.41e-03	1.95e-04
1452	37	0.03	0.04	-0.23	4.04e-04	1.32e-03	1.84e-04
1452	39	-0.04	0.05	-0.22	5.58e-04	1.40e-03	1.94e-04
1452	40	-0.05	0.05	-0.22	5.77e-04	1.38e-03	1.91e-04
1452	69	0.03	0.04	-0.23	4.12e-04	1.33e-03	1.85e-04
1452	71	-0.04	0.05	-0.22	5.52e-04	1.39e-03	1.94e-04
1452	72	-0.04	0.05	-0.22	5.70e-04	1.38e-03	1.91e-04
1453	5	0.07	0.04	-0.30	3.23e-04	9.26e-04	1.28e-04
1453	7	-0.08	0.07	-0.27	6.39e-04	1.03e-03	1.43e-04
1453	8	-0.09	0.06	-0.26	6.82e-04	1.00e-03	1.38e-04
1453	37	0.03	0.04	-0.29	4.17e-04	9.46e-04	1.31e-04
1453	39	-0.04	0.06	-0.27	5.68e-04	9.97e-04	1.38e-04
1453	40	-0.05	0.06	-0.27	5.88e-04	9.83e-04	1.36e-04
1453	69	0.03	0.04	-0.29	4.24e-04	9.47e-04	1.31e-04
1453	71	-0.04	0.06	-0.27	5.63e-04	9.94e-04	1.37e-04
1453	72	-0.04	0.05	-0.27	5.81e-04	9.81e-04	1.36e-04
1454	5	0.07	0.04	-0.33	3.55e-04	4.82e-04	6.51e-05
1454	7	-0.08	0.07	-0.30	6.67e-04	5.43e-04	7.50e-05
1454	8	-0.09	0.07	-0.29	7.10e-04	5.28e-04	7.30e-05
1454	37	0.03	0.05	-0.32	4.48e-04	4.94e-04	6.72e-05
1454	39	-0.04	0.06	-0.31	5.97e-04	5.23e-04	7.19e-05
1454	40	-0.05	0.06	-0.30	6.18e-04	5.16e-04	7.09e-05
1454	69	0.03	0.05	-0.32	4.55e-04	4.95e-04	6.73e-05
1454	71	-0.04	0.06	-0.31	5.92e-04	5.21e-04	7.16e-05
1454	72	-0.04	0.06	-0.30	6.10e-04	5.15e-04	7.08e-05
1455	5	0.07	0.04	-0.34	4.08e-04	-1.80e-05	-4.92e-06
1455	7	-0.08	0.08	-0.31	7.18e-04	3.16e-05	2.29e-06
1455	8	-0.09	0.07	-0.30	7.61e-04	3.78e-05	3.09e-06
1455	37	0.03	0.05	-0.33	5.00e-04	-3.39e-06	-2.82e-06
1455	39	-0.04	0.06	-0.32	6.49e-04	2.03e-05	0.0
1455	40	-0.05	0.06	-0.31	6.69e-04	2.32e-05	0.0
1455	69	0.03	0.05	-0.33	5.07e-04	-2.28e-06	-2.66e-06

1455	71	-0.04	0.06	-0.32	6.43e-04	1.94e-05	0.0
1455	72	-0.04	0.06	-0.31	6.62e-04	2.20e-05	0.0
1456	5	0.07	0.04	-0.33	7.93e-04	-5.36e-04	-7.82e-05
1456	7	-0.08	0.07	-0.30	4.82e-04	-4.50e-04	-6.54e-05
1456	8	-0.09	0.06	-0.29	5.24e-04	-4.31e-04	-6.29e-05
1456	37	0.03	0.04	-0.32	7.23e-04	-5.08e-04	-7.42e-05
1456	39	-0.04	0.06	-0.30	5.74e-04	-4.67e-04	-6.81e-05
1456	40	-0.05	0.06	-0.30	5.94e-04	-4.59e-04	-6.69e-05
1456	69	0.03	0.04	-0.32	7.17e-04	-5.06e-04	-7.39e-05
1456	71	-0.04	0.06	-0.30	5.81e-04	-4.69e-04	-6.83e-05
1456	72	-0.04	0.06	-0.30	5.99e-04	-4.61e-04	-6.72e-05
1457	7	-0.08	0.07	-0.29	5.78e-04	-8.90e-04	-1.28e-04
1457	8	-0.09	0.06	-0.29	6.18e-04	-8.59e-04	-1.23e-04
1457	39	-0.04	0.06	-0.28	6.70e-04	-9.15e-04	-1.31e-04
1457	40	-0.05	0.05	-0.28	6.89e-04	-9.00e-04	-1.29e-04
1457	71	-0.04	0.05	-0.28	6.77e-04	-9.17e-04	-1.32e-04
1457	72	-0.04	0.05	-0.28	6.94e-04	-9.04e-04	-1.30e-04
1458	7	-0.08	0.06	-0.24	6.93e-04	-1.26e-03	-1.80e-04
1458	8	-0.09	0.05	-0.23	7.31e-04	-1.22e-03	-1.74e-04
1458	39	-0.04	0.05	-0.23	7.85e-04	-1.29e-03	-1.84e-04
1458	40	-0.05	0.04	-0.23	8.03e-04	-1.27e-03	-1.82e-04
1458	71	-0.04	0.05	-0.23	7.92e-04	-1.29e-03	-1.85e-04
1458	72	-0.04	0.04	-0.23	8.08e-04	-1.27e-03	-1.82e-04
1459	7	-0.08	0.05	-0.16	8.21e-04	-1.51e-03	-2.16e-04
1459	8	-0.09	0.04	-0.16	8.59e-04	-1.47e-03	-2.10e-04
1459	39	-0.04	0.04	-0.16	9.13e-04	-1.55e-03	-2.21e-04
1459	40	-0.05	0.03	-0.15	9.30e-04	-1.52e-03	-2.18e-04
1459	71	-0.04	0.04	-0.16	9.20e-04	-1.55e-03	-2.21e-04
1459	72	-0.04	0.03	-0.15	9.36e-04	-1.53e-03	-2.18e-04
1460	7	-0.08	0.04	-0.08	9.36e-04	-1.75e-03	-2.50e-04
1460	8	-0.09	0.03	-0.08	9.71e-04	-1.70e-03	-2.44e-04
1460	39	-0.04	0.03	-0.08	1.02e-03	-1.69e-03	-2.43e-04
1460	40	-0.05	0.02	-0.08	1.04e-03	-1.67e-03	-2.40e-04
1460	71	-0.04	0.02	-0.08	1.03e-03	-1.69e-03	-2.42e-04
1460	72	-0.04	0.02	-0.08	1.05e-03	-1.67e-03	-2.39e-04
1461	7	-0.08	0.04	-0.07	8.15e-04	1.72e-03	2.39e-04
1461	8	-0.09	0.04	-0.07	8.54e-04	1.67e-03	2.32e-04
1461	39	-0.04	0.03	-0.06	7.37e-04	1.76e-03	2.46e-04
1461	40	-0.05	0.03	-0.06	7.55e-04	1.74e-03	2.42e-04
1461	71	-0.04	0.03	-0.06	7.31e-04	1.77e-03	2.46e-04
1461	72	-0.05	0.03	-0.06	7.47e-04	1.74e-03	2.43e-04
1462	6	0.05	-0.01	-0.13	1.37e-03	-1.43e-03	-2.06e-04
1462	7	-0.08	0.05	-0.10	1.01e-03	-1.64e-03	-2.37e-04
1462	8	-0.09	0.03	-0.10	1.05e-03	-1.60e-03	-2.31e-04
1462	38	0.02	2.69e-03	-0.12	1.28e-03	-1.49e-03	-2.15e-04
1462	39	-0.04	0.03	-0.11	1.11e-03	-1.59e-03	-2.29e-04
1462	40	-0.05	0.02	-0.11	1.12e-03	-1.57e-03	-2.26e-04
1462	70	0.02	3.87e-03	-0.12	1.27e-03	-1.49e-03	-2.15e-04
1462	71	-0.04	0.03	-0.11	1.11e-03	-1.59e-03	-2.29e-04
1462	72	-0.05	0.02	-0.11	1.13e-03	-1.57e-03	-2.26e-04
1463	6	0.05	0.02	-0.16	5.07e-04	1.86e-03	2.60e-04
1463	7	-0.08	0.05	-0.11	8.07e-04	1.69e-03	2.35e-04
1463	8	-0.09	0.05	-0.12	8.46e-04	1.64e-03	2.28e-04
1463	38	0.02	0.03	-0.14	5.85e-04	1.82e-03	2.54e-04
1463	39	-0.04	0.04	-0.12	7.29e-04	1.74e-03	2.41e-04
1463	40	-0.05	0.04	-0.13	7.47e-04	1.71e-03	2.38e-04
1463	70	0.02	0.03	-0.14	5.91e-04	1.81e-03	2.53e-04
1463	71	-0.04	0.04	-0.13	7.23e-04	1.74e-03	2.42e-04
1463	72	-0.05	0.04	-0.13	7.40e-04	1.72e-03	2.39e-04
1464	5	0.07	0.03	-0.24	4.67e-04	1.77e-03	2.46e-04
1464	7	-0.08	0.06	-0.19	8.03e-04	1.57e-03	2.20e-04
1464	8	-0.09	0.06	-0.19	8.43e-04	1.53e-03	2.13e-04
1464	37	0.03	0.04	-0.23	5.65e-04	1.71e-03	2.38e-04
1464	39	-0.04	0.05	-0.20	7.26e-04	1.61e-03	2.25e-04
1464	40	-0.05	0.05	-0.20	7.45e-04	1.59e-03	2.22e-04
1464	69	0.02	0.04	-0.22	5.73e-04	1.70e-03	2.37e-04
1464	71	-0.04	0.05	-0.20	7.20e-04	1.62e-03	2.25e-04
1464	72	-0.05	0.05	-0.20	7.37e-04	1.59e-03	2.22e-04
1465	5	0.07	0.04	-0.31	4.84e-04	1.49e-03	1.85e-04
1465	7	-0.08	0.07	-0.26	8.17e-04	1.34e-03	2.06e-04
1465	8	-0.09	0.06	-0.25	8.57e-04	1.29e-03	2.00e-04
1465	37	0.02	0.05	-0.30	5.81e-04	1.44e-03	1.89e-04
1465	39	-0.04	0.06	-0.27	7.41e-04	1.37e-03	1.99e-04
1465	40	-0.05	0.06	-0.27	7.60e-04	1.35e-03	1.96e-04
1465	69	0.02	0.05	-0.30	5.89e-04	1.44e-03	1.89e-04
1465	71	-0.04	0.06	-0.27	7.35e-04	1.37e-03	1.98e-04
1465	72	-0.05	0.06	-0.27	7.52e-04	1.35e-03	1.96e-04

1466	5	0.07	0.05	-0.37	5.18e-04	9.95e-04	1.37e-04
1466	7	-0.08	0.08	-0.31	8.49e-04	1.11e-03	1.51e-04
1466	8	-0.09	0.07	-0.31	8.89e-04	1.08e-03	1.47e-04
1466	37	0.02	0.05	-0.35	6.15e-04	1.02e-03	1.39e-04
1466	39	-0.04	0.07	-0.33	7.73e-04	1.07e-03	1.46e-04
1466	40	-0.05	0.06	-0.32	7.92e-04	1.05e-03	1.44e-04
1466	69	0.02	0.05	-0.35	6.22e-04	1.02e-03	1.39e-04
1466	71	-0.04	0.07	-0.33	7.67e-04	1.07e-03	1.46e-04
1466	72	-0.05	0.06	-0.32	7.85e-04	1.05e-03	1.44e-04
1467	5	0.07	0.05	-0.41	5.64e-04	5.83e-04	7.79e-05
1467	7	-0.08	0.08	-0.35	8.94e-04	6.44e-04	8.58e-05
1467	8	-0.09	0.07	-0.34	9.34e-04	6.26e-04	8.36e-05
1467	37	0.02	0.06	-0.39	6.61e-04	5.94e-04	7.94e-05
1467	39	-0.04	0.07	-0.36	8.18e-04	6.24e-04	8.31e-05
1467	40	-0.05	0.07	-0.36	8.38e-04	6.15e-04	8.21e-05
1467	69	0.02	0.06	-0.39	6.68e-04	5.95e-04	7.95e-05
1467	71	-0.04	0.07	-0.36	8.13e-04	6.22e-04	8.29e-05
1467	72	-0.05	0.07	-0.36	8.30e-04	6.14e-04	8.20e-05
1468	5	0.07	0.05	-0.43	6.20e-04	1.17e-04	1.11e-05
1468	7	-0.08	0.08	-0.37	9.49e-04	1.50e-04	1.74e-05
1468	8	-0.09	0.08	-0.36	9.89e-04	1.58e-04	1.82e-05
1468	37	0.02	0.06	-0.41	7.17e-04	1.28e-04	1.29e-05
1468	39	-0.04	0.07	-0.38	8.74e-04	1.44e-04	1.60e-05
1468	40	-0.05	0.07	-0.37	8.93e-04	1.47e-04	1.63e-05
1468	69	0.02	0.06	-0.41	7.24e-04	1.29e-04	1.31e-05
1468	71	-0.04	0.07	-0.38	8.68e-04	1.43e-04	1.58e-05
1468	72	-0.05	0.07	-0.38	8.85e-04	1.46e-04	1.62e-05
1469	5	0.07	0.05	-0.42	6.85e-04	-3.70e-04	-5.85e-05
1469	7	-0.08	0.08	-0.36	1.01e-03	-3.03e-04	-4.69e-05
1469	8	-0.09	0.07	-0.35	1.05e-03	-2.90e-04	-4.47e-05
1469	37	0.02	0.05	-0.40	7.81e-04	-3.49e-04	-5.49e-05
1469	39	-0.04	0.07	-0.37	9.37e-04	-3.17e-04	-4.93e-05
1469	40	-0.05	0.07	-0.37	9.56e-04	-3.11e-04	-4.83e-05
1469	69	0.02	0.05	-0.40	7.88e-04	-3.47e-04	-5.46e-05
1469	71	-0.04	0.07	-0.37	9.31e-04	-3.18e-04	-4.95e-05
1469	72	-0.05	0.07	-0.37	9.49e-04	-3.13e-04	-4.86e-05
1470	7	-0.08	0.08	-0.39	7.56e-04	-7.20e-04	-1.06e-04
1470	8	-0.09	0.07	-0.38	7.96e-04	-6.95e-04	-1.02e-04
1470	39	-0.04	0.07	-0.37	8.51e-04	-7.42e-04	-1.10e-04
1470	40	-0.05	0.06	-0.37	8.70e-04	-7.30e-04	-1.08e-04
1470	71	-0.04	0.07	-0.37	8.59e-04	-7.44e-04	-1.10e-04
1470	72	-0.05	0.06	-0.37	8.76e-04	-7.33e-04	-1.08e-04
1471	7	-0.08	0.07	-0.34	8.32e-04	-1.07e-03	-1.56e-04
1471	8	-0.09	0.06	-0.34	8.71e-04	-1.04e-03	-1.50e-04
1471	39	-0.04	0.06	-0.33	9.27e-04	-1.10e-03	-1.60e-04
1471	40	-0.05	0.06	-0.32	9.45e-04	-1.08e-03	-1.58e-04
1471	71	-0.04	0.06	-0.33	9.34e-04	-1.10e-03	-1.60e-04
1471	72	-0.05	0.05	-0.32	9.51e-04	-1.08e-03	-1.58e-04
1472	7	-0.08	0.07	-0.28	9.09e-04	-1.48e-03	-1.91e-04
1472	8	-0.09	0.05	-0.27	9.48e-04	-1.44e-03	-1.85e-04
1472	39	-0.04	0.05	-0.27	1.00e-03	-1.43e-03	-1.96e-04
1472	40	-0.05	0.05	-0.26	1.02e-03	-1.41e-03	-1.93e-04
1472	71	-0.04	0.05	-0.27	1.01e-03	-1.42e-03	-1.97e-04
1472	72	-0.05	0.05	-0.26	1.03e-03	-1.41e-03	-1.94e-04
1473	7	-0.08	0.06	-0.20	9.77e-04	-1.62e-03	-2.34e-04
1473	8	-0.09	0.04	-0.21	1.02e-03	-1.58e-03	-2.28e-04
1473	39	-0.04	0.04	-0.19	1.07e-03	-1.56e-03	-2.26e-04
1473	40	-0.05	0.04	-0.20	1.09e-03	-1.54e-03	-2.23e-04
1473	71	-0.04	0.04	-0.19	1.08e-03	-1.56e-03	-2.26e-04
1473	72	-0.05	0.04	-0.20	1.09e-03	-1.54e-03	-2.23e-04
1474	7	-0.07	0.04	-0.02	4.94e-04	1.69e-03	2.54e-04
1474	8	-0.09	0.03	-0.02	5.32e-04	1.64e-03	2.45e-04
1474	39	-0.04	0.03	-0.02	4.16e-04	1.74e-03	2.43e-04
1474	40	-0.05	0.02	-0.02	4.34e-04	1.72e-03	2.39e-04
1474	71	-0.04	0.03	-0.02	4.10e-04	1.75e-03	2.43e-04
1474	72	-0.04	0.02	-0.02	4.27e-04	1.73e-03	2.39e-04
1475	7	-0.08	0.04	-0.04	7.56e-04	1.72e-03	2.68e-04
1475	8	-0.09	0.03	-0.04	7.94e-04	1.67e-03	2.61e-04
1475	39	-0.04	0.03	-0.04	6.78e-04	1.77e-03	2.60e-04
1475	40	-0.05	0.03	-0.04	6.96e-04	1.75e-03	2.57e-04
1475	71	-0.04	0.03	-0.04	6.72e-04	1.78e-03	2.59e-04
1475	72	-0.04	0.03	-0.04	6.89e-04	1.75e-03	2.56e-04
1476	7	-0.08	0.05	-0.11	8.12e-04	1.71e-03	2.37e-04
1476	8	-0.09	0.04	-0.11	8.50e-04	1.66e-03	2.31e-04
1476	39	-0.04	0.04	-0.10	7.33e-04	1.76e-03	2.44e-04
1476	40	-0.05	0.03	-0.10	7.51e-04	1.73e-03	2.41e-04
1476	71	-0.04	0.04	-0.10	7.27e-04	1.76e-03	2.45e-04

1476	72	-0.05	0.03	-0.10	7.44e-04	1.74e-03	2.42e-04
1477	5	0.07	0.03	-0.20	4.66e-04	1.86e-03	2.59e-04
1477	7	-0.08	0.06	-0.16	8.03e-04	1.65e-03	2.29e-04
1477	8	-0.09	0.05	-0.15	8.43e-04	1.60e-03	2.22e-04
1477	37	0.03	0.03	-0.19	5.64e-04	1.79e-03	2.49e-04
1477	39	-0.04	0.05	-0.17	7.26e-04	1.69e-03	2.35e-04
1477	40	-0.05	0.04	-0.16	7.44e-04	1.67e-03	2.32e-04
1477	69	0.02	0.03	-0.18	5.72e-04	1.78e-03	2.49e-04
1477	71	-0.04	0.05	-0.17	7.20e-04	1.69e-03	2.36e-04
1477	72	-0.05	0.04	-0.16	7.37e-04	1.67e-03	2.33e-04
1478	5	0.07	0.04	-0.28	4.73e-04	1.65e-03	2.02e-04
1478	7	-0.08	0.07	-0.23	8.08e-04	1.47e-03	2.25e-04
1478	8	-0.09	0.06	-0.22	8.48e-04	1.42e-03	2.19e-04
1478	37	0.02	0.04	-0.26	5.71e-04	1.59e-03	2.07e-04
1478	39	-0.04	0.06	-0.24	7.31e-04	1.50e-03	2.18e-04
1478	40	-0.05	0.05	-0.24	7.50e-04	1.48e-03	2.15e-04
1478	69	0.02	0.04	-0.26	5.79e-04	1.58e-03	2.07e-04
1478	71	-0.04	0.06	-0.24	7.25e-04	1.51e-03	2.17e-04
1478	72	-0.05	0.05	-0.24	7.42e-04	1.49e-03	2.14e-04
1479	5	0.07	0.04	-0.34	4.99e-04	1.18e-03	1.62e-04
1479	7	-0.08	0.07	-0.29	8.31e-04	1.31e-03	1.80e-04
1479	8	-0.09	0.07	-0.28	8.71e-04	1.27e-03	1.75e-04
1479	37	0.02	0.05	-0.33	5.96e-04	1.20e-03	1.66e-04
1479	39	-0.04	0.06	-0.30	7.55e-04	1.27e-03	1.74e-04
1479	40	-0.05	0.06	-0.30	7.74e-04	1.25e-03	1.72e-04
1479	69	0.02	0.05	-0.33	6.04e-04	1.20e-03	1.66e-04
1479	71	-0.04	0.06	-0.30	7.49e-04	1.26e-03	1.73e-04
1479	72	-0.05	0.06	-0.30	7.67e-04	1.25e-03	1.71e-04
1480	5	0.07	0.05	-0.39	5.39e-04	7.96e-04	1.08e-04
1480	7	-0.08	0.08	-0.33	8.70e-04	8.82e-04	1.19e-04
1480	8	-0.09	0.07	-0.33	9.10e-04	8.57e-04	1.16e-04
1480	37	0.02	0.05	-0.37	6.36e-04	8.12e-04	1.10e-04
1480	39	-0.04	0.07	-0.35	7.94e-04	8.53e-04	1.15e-04
1480	40	-0.05	0.07	-0.34	8.14e-04	8.41e-04	1.14e-04
1480	69	0.02	0.05	-0.37	6.44e-04	8.13e-04	1.10e-04
1480	71	-0.04	0.07	-0.35	7.89e-04	8.51e-04	1.15e-04
1480	72	-0.05	0.07	-0.34	8.06e-04	8.40e-04	1.14e-04
1481	5	0.07	0.05	-0.42	5.91e-04	3.59e-04	4.54e-05
1481	7	-0.08	0.08	-0.36	9.20e-04	4.00e-04	5.15e-05
1481	8	-0.09	0.08	-0.35	9.61e-04	3.87e-04	5.02e-05
1481	37	0.02	0.06	-0.40	6.88e-04	3.67e-04	4.67e-05
1481	39	-0.04	0.07	-0.37	8.45e-04	3.86e-04	4.96e-05
1481	40	-0.05	0.07	-0.37	8.64e-04	3.80e-04	4.90e-05
1481	69	0.02	0.06	-0.40	6.95e-04	3.67e-04	4.68e-05
1481	71	-0.04	0.07	-0.37	8.39e-04	3.85e-04	4.94e-05
1481	72	-0.05	0.07	-0.37	8.57e-04	3.80e-04	4.89e-05
1482	5	0.07	0.05	-0.43	6.52e-04	-1.25e-04	-2.40e-05
1482	7	-0.08	0.08	-0.37	9.79e-04	-7.95e-05	-1.52e-05
1482	8	-0.09	0.08	-0.36	1.02e-03	-7.12e-05	-1.39e-05
1482	37	0.02	0.06	-0.41	7.48e-04	-1.11e-04	-2.14e-05
1482	39	-0.04	0.07	-0.38	9.04e-04	-8.93e-05	-1.72e-05
1482	40	-0.05	0.07	-0.37	9.23e-04	-8.55e-05	-1.66e-05
1482	69	0.02	0.06	-0.41	7.55e-04	-1.10e-04	-2.12e-05
1482	71	-0.04	0.07	-0.38	8.99e-04	-9.01e-05	-1.73e-05
1482	72	-0.05	0.07	-0.38	9.16e-04	-8.65e-05	-1.68e-05
1483	7	-0.08	0.08	-0.41	7.20e-04	-5.18e-04	-7.76e-05
1483	8	-0.09	0.07	-0.40	7.60e-04	-4.99e-04	-7.44e-05
1483	39	-0.04	0.07	-0.39	8.15e-04	-5.36e-04	-8.06e-05
1483	40	-0.05	0.07	-0.39	8.34e-04	-5.27e-04	-7.91e-05
1483	71	-0.04	0.07	-0.39	8.23e-04	-5.37e-04	-8.08e-05
1483	72	-0.05	0.06	-0.39	8.40e-04	-5.29e-04	-7.94e-05
1484	7	-0.08	0.08	-0.37	7.94e-04	-9.05e-04	-1.33e-04
1484	8	-0.09	0.07	-0.36	8.33e-04	-8.75e-04	-1.28e-04
1484	39	-0.04	0.06	-0.35	8.89e-04	-9.30e-04	-1.37e-04
1484	40	-0.05	0.06	-0.35	9.07e-04	-9.16e-04	-1.34e-04
1484	71	-0.04	0.06	-0.35	8.96e-04	-9.32e-04	-1.37e-04
1484	72	-0.05	0.06	-0.35	9.13e-04	-9.20e-04	-1.35e-04
1485	7	-0.08	0.07	-0.31	8.71e-04	-1.21e-03	-1.76e-04
1485	8	-0.09	0.06	-0.31	9.10e-04	-1.17e-03	-1.70e-04
1485	39	-0.04	0.06	-0.30	9.66e-04	-1.24e-03	-1.80e-04
1485	40	-0.05	0.05	-0.30	9.84e-04	-1.22e-03	-1.78e-04
1485	71	-0.04	0.06	-0.30	9.73e-04	-1.24e-03	-1.81e-04
1485	72	-0.05	0.05	-0.30	9.90e-04	-1.23e-03	-1.78e-04
1486	7	-0.08	0.06	-0.24	9.45e-04	-1.57e-03	-2.28e-04
1486	8	-0.09	0.05	-0.24	9.84e-04	-1.53e-03	-2.22e-04
1486	39	-0.04	0.05	-0.23	1.04e-03	-1.51e-03	-2.20e-04
1486	40	-0.05	0.04	-0.23	1.06e-03	-1.49e-03	-2.17e-04

1486	71	-0.04	0.05	-0.23	1.05e-03	-1.51e-03	-2.19e-04
1486	72	-0.05	0.04	-0.23	1.06e-03	-1.49e-03	-2.16e-04
1487	7	-0.08	0.05	-0.17	1.00e-03	-1.64e-03	-2.38e-04
1487	8	-0.09	0.04	-0.17	1.04e-03	-1.60e-03	-2.32e-04
1487	39	-0.04	0.04	-0.16	1.10e-03	-1.59e-03	-2.31e-04
1487	40	-0.05	0.03	-0.16	1.11e-03	-1.57e-03	-2.28e-04
1487	71	-0.04	0.03	-0.16	1.10e-03	-1.58e-03	-2.30e-04
1487	72	-0.05	0.03	-0.16	1.12e-03	-1.56e-03	-2.27e-04
1488	7	-0.08	0.04	-0.08	1.02e-03	-1.67e-03	-2.17e-04
1488	8	-0.09	0.03	-0.09	1.05e-03	-1.63e-03	-2.10e-04
1488	39	-0.04	0.03	-0.08	1.11e-03	-1.62e-03	-2.22e-04
1488	40	-0.05	0.02	-0.08	1.12e-03	-1.60e-03	-2.19e-04
1488	71	-0.04	0.02	-0.08	1.11e-03	-1.61e-03	-2.23e-04
1488	72	-0.04	0.02	-0.08	1.13e-03	-1.59e-03	-2.20e-04
1489	7	-0.08	0.04	-0.04	9.18e-04	-1.63e-03	-2.34e-04
1489	8	-0.09	0.02	-0.04	9.56e-04	-1.59e-03	-2.28e-04
1489	39	-0.04	0.02	-0.04	1.01e-03	-1.57e-03	-2.26e-04
1489	40	-0.05	0.01	-0.04	1.02e-03	-1.55e-03	-2.23e-04
1489	71	-0.04	0.02	-0.04	1.01e-03	-1.57e-03	-2.25e-04
1489	72	-0.04	0.01	-0.04	1.03e-03	-1.55e-03	-2.22e-04
1490	7	-0.07	0.04	-0.04	9.18e-04	-1.61e-03	-2.30e-04
1490	8	-0.09	0.02	-0.04	9.53e-04	-1.56e-03	-2.24e-04
1490	39	-0.04	0.02	-0.04	1.00e-03	-1.56e-03	-2.23e-04
1490	40	-0.05	0.01	-0.04	1.02e-03	-1.54e-03	-2.20e-04
1490	71	-0.04	0.02	-0.04	1.01e-03	-1.55e-03	-2.23e-04
1490	72	-0.04	0.01	-0.04	1.02e-03	-1.54e-03	-2.20e-04
1491	7	-0.08	0.05	-0.12	8.85e-04	-1.75e-03	-2.51e-04
1491	8	-0.09	0.03	-0.12	9.22e-04	-1.70e-03	-2.44e-04
1491	39	-0.04	0.03	-0.12	9.76e-04	-1.69e-03	-2.43e-04
1491	40	-0.05	0.03	-0.12	9.93e-04	-1.67e-03	-2.39e-04
1491	71	-0.04	0.03	-0.12	9.83e-04	-1.69e-03	-2.42e-04
1491	72	-0.04	0.03	-0.12	9.98e-04	-1.67e-03	-2.39e-04
1492	7	-0.08	0.06	-0.20	7.56e-04	-1.40e-03	-2.00e-04
1492	8	-0.09	0.05	-0.20	7.94e-04	-1.36e-03	-1.94e-04
1492	39	-0.04	0.04	-0.19	8.48e-04	-1.43e-03	-2.05e-04
1492	40	-0.05	0.04	-0.19	8.66e-04	-1.41e-03	-2.02e-04
1492	71	-0.04	0.04	-0.19	8.55e-04	-1.44e-03	-2.06e-04
1492	72	-0.04	0.04	-0.19	8.71e-04	-1.42e-03	-2.03e-04
1493	7	-0.08	0.07	-0.27	6.33e-04	-1.09e-03	-1.55e-04
1493	8	-0.09	0.05	-0.26	6.73e-04	-1.05e-03	-1.50e-04
1493	39	-0.04	0.05	-0.26	7.25e-04	-1.11e-03	-1.60e-04
1493	40	-0.05	0.05	-0.26	7.44e-04	-1.10e-03	-1.57e-04
1493	71	-0.04	0.05	-0.26	7.32e-04	-1.12e-03	-1.60e-04
1493	72	-0.04	0.05	-0.25	7.49e-04	-1.10e-03	-1.58e-04
1494	7	-0.08	0.07	-0.32	5.28e-04	-6.77e-04	-9.76e-05
1494	8	-0.09	0.06	-0.31	5.69e-04	-6.52e-04	-9.40e-05
1494	39	-0.04	0.06	-0.30	6.19e-04	-6.98e-04	-1.01e-04
1494	40	-0.05	0.05	-0.30	6.39e-04	-6.86e-04	-9.92e-05
1494	71	-0.04	0.06	-0.30	6.27e-04	-7.00e-04	-1.01e-04
1494	72	-0.04	0.05	-0.30	6.44e-04	-6.89e-04	-9.96e-05
1495	5	0.07	0.04	-0.34	4.42e-04	-2.78e-04	-4.20e-05
1495	7	-0.08	0.08	-0.31	7.53e-04	-2.12e-04	-3.21e-05
1495	8	-0.09	0.07	-0.30	7.95e-04	-2.01e-04	-3.05e-05
1495	37	0.03	0.05	-0.33	5.34e-04	-2.57e-04	-3.90e-05
1495	39	-0.04	0.06	-0.31	6.83e-04	-2.26e-04	-3.42e-05
1495	40	-0.05	0.06	-0.31	7.03e-04	-2.21e-04	-3.35e-05
1495	69	0.03	0.05	-0.33	5.42e-04	-2.56e-04	-3.87e-05
1495	71	-0.04	0.06	-0.31	6.77e-04	-2.27e-04	-3.44e-05
1495	72	-0.04	0.06	-0.31	6.96e-04	-2.23e-04	-3.37e-05
1496	5	0.07	0.04	-0.34	3.79e-04	2.40e-04	3.14e-05
1496	7	-0.08	0.08	-0.31	6.90e-04	2.87e-04	3.80e-05
1496	8	-0.09	0.07	-0.30	7.33e-04	2.79e-04	3.68e-05
1496	37	0.03	0.05	-0.33	4.71e-04	2.50e-04	3.28e-05
1496	39	-0.04	0.06	-0.31	6.20e-04	2.73e-04	3.60e-05
1496	40	-0.05	0.06	-0.31	6.40e-04	2.69e-04	3.54e-05
1496	69	0.03	0.05	-0.33	4.78e-04	2.51e-04	3.29e-05
1496	71	-0.04	0.06	-0.31	6.15e-04	2.72e-04	3.58e-05
1496	72	-0.04	0.06	-0.31	6.33e-04	2.68e-04	3.53e-05
1497	5	0.07	0.04	-0.32	3.36e-04	7.11e-04	9.82e-05
1497	7	-0.08	0.07	-0.28	6.50e-04	7.94e-04	1.09e-04
1497	8	-0.09	0.06	-0.28	6.94e-04	7.72e-04	1.06e-04
1497	37	0.03	0.05	-0.31	4.30e-04	7.27e-04	1.00e-04
1497	39	-0.04	0.06	-0.29	5.80e-04	7.66e-04	1.05e-04
1497	40	-0.05	0.06	-0.29	6.00e-04	7.56e-04	1.04e-04
1497	69	0.03	0.05	-0.31	4.37e-04	7.28e-04	1.00e-04
1497	71	-0.04	0.06	-0.29	5.75e-04	7.64e-04	1.05e-04
1497	72	-0.04	0.06	-0.29	5.93e-04	7.55e-04	1.03e-04

1498	5	0.07	0.03	-0.27	3.15e-04	1.12e-03	1.56e-04
1498	7	-0.08	0.07	-0.24	6.33e-04	1.25e-03	1.73e-04
1498	8	-0.09	0.06	-0.24	6.75e-04	1.22e-03	1.68e-04
1498	37	0.03	0.04	-0.26	4.09e-04	1.15e-03	1.59e-04
1498	39	-0.04	0.06	-0.25	5.61e-04	1.21e-03	1.68e-04
1498	40	-0.05	0.05	-0.25	5.81e-04	1.19e-03	1.65e-04
1498	69	0.03	0.04	-0.26	4.16e-04	1.15e-03	1.59e-04
1498	71	-0.04	0.06	-0.25	5.55e-04	1.21e-03	1.67e-04
1498	72	-0.04	0.05	-0.25	5.74e-04	1.19e-03	1.65e-04
1499	5	0.07	0.03	-0.21	3.07e-04	1.61e-03	2.24e-04
1499	7	-0.07	0.06	-0.18	6.29e-04	1.44e-03	2.01e-04
1499	8	-0.09	0.05	-0.18	6.71e-04	1.40e-03	1.94e-04
1499	37	0.03	0.03	-0.20	4.02e-04	1.56e-03	2.16e-04
1499	39	-0.04	0.05	-0.19	5.56e-04	1.47e-03	2.05e-04
1499	40	-0.05	0.05	-0.19	5.76e-04	1.45e-03	2.02e-04
1499	69	0.03	0.03	-0.20	4.09e-04	1.55e-03	2.16e-04
1499	71	-0.04	0.05	-0.19	5.51e-04	1.48e-03	2.06e-04
1499	72	-0.04	0.04	-0.19	5.68e-04	1.46e-03	2.03e-04
1500	5	0.07	0.02	-0.13	2.87e-04	1.82e-03	2.54e-04
1500	7	-0.07	0.05	-0.11	6.13e-04	1.62e-03	2.26e-04
1500	8	-0.09	0.04	-0.11	6.53e-04	1.57e-03	2.19e-04
1500	37	0.03	0.02	-0.12	3.83e-04	1.76e-03	2.45e-04
1500	39	-0.04	0.04	-0.12	5.39e-04	1.66e-03	2.31e-04
1500	40	-0.05	0.04	-0.11	5.58e-04	1.64e-03	2.28e-04
1500	69	0.03	0.03	-0.12	3.90e-04	1.75e-03	2.44e-04
1500	71	-0.04	0.04	-0.12	5.33e-04	1.66e-03	2.32e-04
1500	72	-0.04	0.04	-0.12	5.50e-04	1.64e-03	2.29e-04
1501	5	0.07	9.15e-03	-0.05	3.40e-05	1.75e-03	2.44e-04
1501	7	-0.07	0.04	-0.04	3.57e-04	1.53e-03	2.13e-04
1501	8	-0.09	0.03	-0.04	3.96e-04	1.48e-03	2.06e-04
1501	37	0.03	0.02	-0.05	1.28e-04	1.68e-03	2.34e-04
1501	39	-0.04	0.03	-0.04	2.83e-04	1.57e-03	2.19e-04
1501	40	-0.05	0.03	-0.04	3.01e-04	1.55e-03	2.16e-04
1501	69	0.03	0.02	-0.05	1.36e-04	1.68e-03	2.34e-04
1501	71	-0.04	0.03	-0.04	2.77e-04	1.58e-03	2.20e-04
1501	72	-0.04	0.03	-0.04	2.94e-04	1.56e-03	2.17e-04
1502	6	0.05	8.21e-03	-0.09	4.52e-04	1.89e-03	2.62e-04
1502	7	-0.08	0.04	-0.06	7.53e-04	1.71e-03	2.43e-04
1502	8	-0.09	0.04	-0.06	7.91e-04	1.66e-03	2.37e-04
1502	38	0.02	0.02	-0.08	5.30e-04	1.84e-03	2.57e-04
1502	39	-0.04	0.03	-0.07	6.74e-04	1.76e-03	2.48e-04
1502	40	-0.05	0.03	-0.07	6.93e-04	1.73e-03	2.45e-04
1502	70	0.02	0.02	-0.08	5.37e-04	1.84e-03	2.57e-04
1502	71	-0.04	0.03	-0.07	6.68e-04	1.76e-03	2.48e-04
1502	72	-0.04	0.03	-0.07	6.85e-04	1.74e-03	2.46e-04
1503	5	0.07	0.01	-0.06	2.48e-04	1.91e-03	2.48e-04
1503	7	-0.07	0.04	-0.05	5.72e-04	1.67e-03	2.18e-04
1503	8	-0.09	0.04	-0.05	6.11e-04	1.62e-03	2.13e-04
1503	37	0.03	0.02	-0.06	3.43e-04	1.83e-03	2.39e-04
1503	39	-0.04	0.03	-0.05	4.98e-04	1.72e-03	2.24e-04
1503	40	-0.05	0.03	-0.05	5.16e-04	1.70e-03	2.22e-04
1503	69	0.02	0.02	-0.06	3.50e-04	1.83e-03	2.38e-04
1503	71	-0.04	0.03	-0.05	4.92e-04	1.72e-03	2.25e-04
1503	72	-0.04	0.03	-0.05	5.09e-04	1.70e-03	2.23e-04
1504	5	0.07	0.02	-0.13	4.17e-04	1.92e-03	2.66e-04
1504	7	-0.08	0.05	-0.10	7.52e-04	1.70e-03	2.37e-04
1504	8	-0.09	0.04	-0.10	7.91e-04	1.65e-03	2.30e-04
1504	37	0.03	0.02	-0.12	5.15e-04	1.85e-03	2.56e-04
1504	39	-0.04	0.04	-0.11	6.75e-04	1.74e-03	2.42e-04
1504	40	-0.05	0.04	-0.11	6.94e-04	1.72e-03	2.39e-04
1504	69	0.02	0.03	-0.12	5.22e-04	1.84e-03	2.56e-04
1504	71	-0.04	0.04	-0.11	6.69e-04	1.74e-03	2.43e-04
1504	72	-0.05	0.04	-0.11	6.86e-04	1.72e-03	2.40e-04
1505	5	0.07	0.02	-0.11	3.10e-04	1.90e-03	2.60e-04
1505	7	-0.07	0.05	-0.09	6.39e-04	1.68e-03	2.32e-04
1505	8	-0.09	0.04	-0.09	6.78e-04	1.63e-03	2.26e-04
1505	37	0.03	0.02	-0.10	4.06e-04	1.83e-03	2.51e-04
1505	39	-0.04	0.04	-0.09	5.64e-04	1.73e-03	2.38e-04
1505	40	-0.05	0.03	-0.09	5.82e-04	1.70e-03	2.35e-04
1505	69	0.02	0.02	-0.10	4.14e-04	1.83e-03	2.50e-04
1505	71	-0.04	0.04	-0.09	5.58e-04	1.73e-03	2.38e-04
1505	72	-0.04	0.03	-0.09	5.75e-04	1.71e-03	2.35e-04
1506	5	0.07	0.02	-0.17	4.15e-04	1.86e-03	2.58e-04
1506	7	-0.08	0.05	-0.14	7.49e-04	1.65e-03	2.30e-04
1506	8	-0.09	0.05	-0.14	7.88e-04	1.60e-03	2.23e-04
1506	37	0.03	0.03	-0.16	5.13e-04	1.79e-03	2.49e-04
1506	39	-0.04	0.04	-0.15	6.72e-04	1.69e-03	2.35e-04

1506	40	-0.05	0.04	-0.15	6.91e-04	1.67e-03	2.32e-04
1506	69	0.02	0.03	-0.16	5.20e-04	1.79e-03	2.48e-04
1506	71	-0.04	0.04	-0.15	6.66e-04	1.70e-03	2.36e-04
1506	72	-0.05	0.04	-0.15	6.83e-04	1.67e-03	2.33e-04
1507	5	0.07	0.02	-0.15	3.36e-04	1.85e-03	2.55e-04
1507	7	-0.07	0.05	-0.13	6.65e-04	1.64e-03	2.29e-04
1507	8	-0.09	0.05	-0.12	7.04e-04	1.59e-03	2.22e-04
1507	37	0.03	0.03	-0.14	4.32e-04	1.78e-03	2.46e-04
1507	39	-0.04	0.04	-0.13	5.90e-04	1.68e-03	2.34e-04
1507	40	-0.05	0.04	-0.13	6.08e-04	1.66e-03	2.30e-04
1507	69	0.02	0.03	-0.14	4.40e-04	1.78e-03	2.45e-04
1507	71	-0.04	0.04	-0.13	5.84e-04	1.69e-03	2.34e-04
1507	72	-0.04	0.04	-0.13	6.01e-04	1.67e-03	2.31e-04
1508	5	0.07	0.03	-0.21	4.15e-04	1.77e-03	2.45e-04
1508	7	-0.08	0.06	-0.18	7.47e-04	1.57e-03	2.18e-04
1508	8	-0.09	0.05	-0.17	7.87e-04	1.52e-03	2.12e-04
1508	37	0.03	0.03	-0.20	5.12e-04	1.70e-03	2.36e-04
1508	39	-0.04	0.05	-0.18	6.71e-04	1.61e-03	2.24e-04
1508	40	-0.05	0.05	-0.18	6.90e-04	1.59e-03	2.20e-04
1508	69	0.02	0.03	-0.20	5.20e-04	1.70e-03	2.36e-04
1508	71	-0.04	0.05	-0.19	6.65e-04	1.61e-03	2.24e-04
1508	72	-0.05	0.05	-0.18	6.83e-04	1.59e-03	2.21e-04
1509	5	0.07	0.03	-0.19	3.49e-04	1.75e-03	2.43e-04
1509	7	-0.08	0.06	-0.16	6.77e-04	1.56e-03	2.18e-04
1509	8	-0.09	0.05	-0.16	7.17e-04	1.52e-03	2.11e-04
1509	37	0.03	0.03	-0.18	4.45e-04	1.69e-03	2.35e-04
1509	39	-0.04	0.05	-0.17	6.02e-04	1.60e-03	2.23e-04
1509	40	-0.05	0.04	-0.17	6.21e-04	1.58e-03	2.19e-04
1509	69	0.02	0.03	-0.18	4.53e-04	1.69e-03	2.34e-04
1509	71	-0.04	0.05	-0.17	5.96e-04	1.60e-03	2.23e-04
1509	72	-0.04	0.04	-0.17	6.14e-04	1.58e-03	2.20e-04
1510	5	0.07	0.03	-0.25	4.19e-04	1.64e-03	2.27e-04
1510	7	-0.08	0.06	-0.21	7.50e-04	1.46e-03	2.03e-04
1510	8	-0.09	0.06	-0.21	7.90e-04	1.42e-03	1.96e-04
1510	37	0.03	0.04	-0.24	5.16e-04	1.58e-03	2.19e-04
1510	39	-0.04	0.05	-0.22	6.74e-04	1.49e-03	2.08e-04
1510	40	-0.05	0.05	-0.22	6.93e-04	1.47e-03	2.04e-04
1510	69	0.02	0.04	-0.24	5.24e-04	1.57e-03	2.19e-04
1510	71	-0.04	0.05	-0.22	6.68e-04	1.50e-03	2.08e-04
1510	72	-0.05	0.05	-0.22	6.86e-04	1.48e-03	2.05e-04
1511	5	0.07	0.03	-0.23	3.58e-04	1.62e-03	2.02e-04
1511	7	-0.08	0.06	-0.20	6.84e-04	1.45e-03	2.25e-04
1511	8	-0.09	0.05	-0.19	7.24e-04	1.41e-03	2.19e-04
1511	37	0.03	0.04	-0.22	4.53e-04	1.57e-03	2.06e-04
1511	39	-0.04	0.05	-0.20	6.09e-04	1.48e-03	2.17e-04
1511	40	-0.05	0.05	-0.20	6.29e-04	1.46e-03	2.14e-04
1511	69	0.02	0.04	-0.22	4.61e-04	1.56e-03	2.07e-04
1511	71	-0.04	0.05	-0.20	6.04e-04	1.49e-03	2.17e-04
1511	72	-0.04	0.05	-0.20	6.21e-04	1.47e-03	2.14e-04
1512	5	0.07	0.04	-0.29	4.27e-04	1.47e-03	2.04e-04
1512	7	-0.08	0.07	-0.24	7.56e-04	1.32e-03	1.83e-04
1512	8	-0.09	0.06	-0.24	7.97e-04	1.28e-03	1.78e-04
1512	37	0.03	0.04	-0.27	5.24e-04	1.42e-03	1.97e-04
1512	39	-0.04	0.06	-0.25	6.81e-04	1.35e-03	1.87e-04
1512	40	-0.05	0.05	-0.25	7.00e-04	1.33e-03	1.85e-04
1512	69	0.02	0.04	-0.27	5.31e-04	1.42e-03	1.97e-04
1512	71	-0.04	0.06	-0.25	6.75e-04	1.35e-03	1.88e-04
1512	72	-0.05	0.05	-0.25	6.93e-04	1.33e-03	1.85e-04
1513	5	0.07	0.03	-0.26	3.66e-04	1.31e-03	1.81e-04
1513	7	-0.08	0.07	-0.23	6.90e-04	1.46e-03	2.02e-04
1513	8	-0.09	0.06	-0.22	7.31e-04	1.42e-03	1.96e-04
1513	37	0.03	0.04	-0.25	4.61e-04	1.34e-03	1.85e-04
1513	39	-0.04	0.05	-0.24	6.16e-04	1.41e-03	1.95e-04
1513	40	-0.05	0.05	-0.23	6.36e-04	1.39e-03	1.92e-04
1513	69	0.02	0.04	-0.25	4.68e-04	1.34e-03	1.86e-04
1513	71	-0.04	0.05	-0.24	6.11e-04	1.40e-03	1.95e-04
1513	72	-0.04	0.05	-0.23	6.28e-04	1.39e-03	1.92e-04
1514	5	0.07	0.04	-0.32	4.39e-04	1.15e-03	1.60e-04
1514	7	-0.08	0.07	-0.27	7.66e-04	1.29e-03	1.78e-04
1514	8	-0.09	0.06	-0.26	8.07e-04	1.25e-03	1.73e-04
1514	37	0.03	0.05	-0.30	5.35e-04	1.18e-03	1.63e-04
1514	39	-0.04	0.06	-0.28	6.92e-04	1.24e-03	1.72e-04
1514	40	-0.05	0.06	-0.28	7.11e-04	1.23e-03	1.69e-04
1514	69	0.02	0.05	-0.30	5.43e-04	1.18e-03	1.64e-04
1514	71	-0.04	0.06	-0.28	6.86e-04	1.24e-03	1.71e-04
1514	72	-0.05	0.06	-0.28	7.04e-04	1.22e-03	1.69e-04
1515	5	0.07	0.04	-0.29	3.76e-04	1.14e-03	1.57e-04

1515	7	-0.08	0.07	-0.26	6.98e-04	1.27e-03	1.75e-04
1515	8	-0.09	0.06	-0.25	7.40e-04	1.23e-03	1.70e-04
1515	37	0.03	0.04	-0.28	4.71e-04	1.16e-03	1.60e-04
1515	39	-0.04	0.06	-0.26	6.25e-04	1.22e-03	1.69e-04
1515	40	-0.05	0.05	-0.26	6.45e-04	1.21e-03	1.67e-04
1515	69	0.02	0.04	-0.28	4.78e-04	1.16e-03	1.61e-04
1515	71	-0.04	0.06	-0.26	6.19e-04	1.22e-03	1.68e-04
1515	72	-0.04	0.05	-0.26	6.37e-04	1.20e-03	1.66e-04
1516	5	0.07	0.04	-0.34	4.55e-04	9.68e-04	1.34e-04
1516	7	-0.08	0.07	-0.30	7.81e-04	1.08e-03	1.48e-04
1516	8	-0.09	0.07	-0.29	8.22e-04	1.05e-03	1.44e-04
1516	37	0.03	0.05	-0.33	5.51e-04	9.88e-04	1.36e-04
1516	39	-0.04	0.06	-0.31	7.07e-04	1.04e-03	1.43e-04
1516	40	-0.05	0.06	-0.30	7.26e-04	1.03e-03	1.41e-04
1516	69	0.02	0.05	-0.33	5.58e-04	9.90e-04	1.37e-04
1516	71	-0.04	0.06	-0.31	7.01e-04	1.04e-03	1.43e-04
1516	72	-0.05	0.06	-0.30	7.19e-04	1.02e-03	1.41e-04
1517	5	0.07	0.04	-0.32	3.89e-04	9.44e-04	1.30e-04
1517	7	-0.08	0.07	-0.28	7.10e-04	1.05e-03	1.45e-04
1517	8	-0.09	0.06	-0.27	7.52e-04	1.02e-03	1.40e-04
1517	37	0.03	0.05	-0.31	4.83e-04	9.64e-04	1.32e-04
1517	39	-0.04	0.06	-0.29	6.37e-04	1.01e-03	1.40e-04
1517	40	-0.05	0.06	-0.28	6.57e-04	1.00e-03	1.38e-04
1517	69	0.02	0.05	-0.31	4.91e-04	9.65e-04	1.33e-04
1517	71	-0.04	0.06	-0.29	6.31e-04	1.01e-03	1.39e-04
1517	72	-0.04	0.06	-0.29	6.49e-04	1.00e-03	1.37e-04
1518	5	0.07	0.04	-0.36	4.74e-04	7.64e-04	1.05e-04
1518	7	-0.08	0.08	-0.32	7.99e-04	8.47e-04	1.16e-04
1518	8	-0.09	0.07	-0.31	8.40e-04	8.23e-04	1.13e-04
1518	37	0.03	0.05	-0.35	5.69e-04	7.79e-04	1.07e-04
1518	39	-0.04	0.07	-0.33	7.25e-04	8.19e-04	1.12e-04
1518	40	-0.05	0.06	-0.32	7.44e-04	8.08e-04	1.11e-04
1518	69	0.02	0.05	-0.35	5.77e-04	7.80e-04	1.07e-04
1518	71	-0.04	0.07	-0.33	7.19e-04	8.17e-04	1.12e-04
1518	72	-0.05	0.06	-0.32	7.37e-04	8.07e-04	1.11e-04
1519	5	0.07	0.04	-0.34	4.05e-04	7.33e-04	1.04e-04
1519	7	-0.08	0.07	-0.30	7.25e-04	8.16e-04	1.16e-04
1519	8	-0.09	0.07	-0.29	7.67e-04	7.93e-04	1.12e-04
1519	37	0.03	0.05	-0.33	5.00e-04	7.49e-04	1.06e-04
1519	39	-0.04	0.06	-0.31	6.53e-04	7.88e-04	1.12e-04
1519	40	-0.05	0.06	-0.30	6.73e-04	7.78e-04	1.10e-04
1519	69	0.02	0.05	-0.33	5.07e-04	7.50e-04	1.06e-04
1519	71	-0.04	0.06	-0.31	6.47e-04	7.86e-04	1.11e-04
1519	72	-0.04	0.06	-0.30	6.65e-04	7.76e-04	1.10e-04
1520	5	0.07	0.05	-0.38	4.96e-04	5.46e-04	7.20e-05
1520	7	-0.08	0.08	-0.33	8.20e-04	6.06e-04	8.05e-05
1520	8	-0.09	0.07	-0.32	8.62e-04	5.89e-04	7.86e-05
1520	37	0.03	0.05	-0.37	5.92e-04	5.57e-04	7.37e-05
1520	39	-0.04	0.07	-0.34	7.47e-04	5.86e-04	7.78e-05
1520	40	-0.05	0.06	-0.34	7.66e-04	5.78e-04	7.69e-05
1520	69	0.02	0.05	-0.36	5.99e-04	5.58e-04	7.39e-05
1520	71	-0.04	0.07	-0.34	7.41e-04	5.84e-04	7.76e-05
1520	72	-0.05	0.06	-0.34	7.59e-04	5.77e-04	7.68e-05
1521	5	0.07	0.04	-0.36	4.26e-04	5.10e-04	6.54e-05
1521	7	-0.08	0.08	-0.31	7.44e-04	5.70e-04	7.36e-05
1521	8	-0.09	0.07	-0.30	7.87e-04	5.54e-04	7.17e-05
1521	37	0.03	0.05	-0.34	5.20e-04	5.22e-04	6.70e-05
1521	39	-0.04	0.07	-0.32	6.73e-04	5.50e-04	7.09e-05
1521	40	-0.05	0.06	-0.32	6.92e-04	5.43e-04	7.00e-05
1521	69	0.02	0.05	-0.34	5.28e-04	5.23e-04	6.72e-05
1521	71	-0.04	0.06	-0.32	6.67e-04	5.49e-04	7.07e-05
1521	72	-0.04	0.06	-0.32	6.85e-04	5.42e-04	6.99e-05
1522	5	0.07	0.05	-0.39	5.22e-04	3.17e-04	3.85e-05
1522	7	-0.08	0.08	-0.34	8.45e-04	3.58e-04	4.58e-05
1522	8	-0.09	0.07	-0.33	8.87e-04	3.47e-04	4.47e-05
1522	37	0.03	0.05	-0.38	6.18e-04	3.25e-04	4.02e-05
1522	39	-0.04	0.07	-0.35	7.72e-04	3.44e-04	4.36e-05
1522	40	-0.05	0.07	-0.35	7.92e-04	3.39e-04	4.31e-05
1522	69	0.02	0.05	-0.37	6.25e-04	3.26e-04	4.03e-05
1522	71	-0.04	0.07	-0.35	7.66e-04	3.43e-04	4.35e-05
1522	72	-0.05	0.06	-0.35	7.84e-04	3.39e-04	4.30e-05
1523	5	0.07	0.04	-0.37	4.51e-04	2.73e-04	3.83e-05
1523	7	-0.08	0.08	-0.32	7.68e-04	3.18e-04	4.38e-05
1523	8	-0.09	0.07	-0.31	8.11e-04	3.08e-04	4.19e-05
1523	37	0.03	0.05	-0.35	5.45e-04	2.83e-04	3.92e-05
1523	39	-0.04	0.07	-0.33	6.97e-04	3.04e-04	4.18e-05
1523	40	-0.05	0.06	-0.33	7.17e-04	2.99e-04	4.09e-05

1523	69	0.02	0.05	-0.35	5.52e-04	2.83e-04	3.93e-05
1523	71	-0.04	0.07	-0.33	6.91e-04	3.03e-04	4.17e-05
1523	72	-0.04	0.06	-0.33	7.10e-04	2.99e-04	4.09e-05
1524	5	0.07	0.05	-0.40	5.52e-04	7.08e-05	3.42e-06
1524	7	-0.08	0.08	-0.34	8.74e-04	1.08e-04	1.13e-05
1524	8	-0.09	0.07	-0.34	9.15e-04	1.14e-04	1.21e-05
1524	37	0.03	0.05	-0.38	6.47e-04	8.23e-05	5.69e-06
1524	39	-0.04	0.07	-0.36	8.01e-04	9.98e-05	9.45e-06
1524	40	-0.05	0.07	-0.35	8.20e-04	1.03e-04	9.81e-06
1524	69	0.02	0.05	-0.38	6.54e-04	8.31e-05	5.86e-06
1524	71	-0.04	0.07	-0.36	7.95e-04	9.92e-05	9.31e-06
1524	72	-0.05	0.06	-0.35	8.13e-04	1.02e-04	9.64e-06
1525	5	0.07	0.04	-0.37	4.81e-04	2.09e-05	4.28e-06
1525	7	-0.08	0.08	-0.33	7.97e-04	6.50e-05	9.27e-06
1525	8	-0.09	0.07	-0.32	8.39e-04	7.10e-05	8.02e-06
1525	37	0.03	0.05	-0.36	5.74e-04	3.40e-05	5.26e-06
1525	39	-0.04	0.07	-0.33	7.26e-04	5.51e-05	7.63e-06
1525	40	-0.05	0.06	-0.33	7.45e-04	5.79e-05	7.04e-06
1525	69	0.02	0.05	-0.35	5.81e-04	3.50e-05	5.33e-06
1525	71	-0.04	0.07	-0.34	7.20e-04	5.43e-05	7.50e-06
1525	72	-0.04	0.06	-0.33	7.38e-04	5.69e-05	6.97e-06
1526	5	0.07	0.04	-0.39	5.84e-04	-1.77e-04	-3.26e-05
1526	7	-0.08	0.08	-0.34	9.06e-04	-1.26e-04	-2.21e-05
1526	8	-0.09	0.07	-0.34	9.47e-04	-1.17e-04	-2.05e-05
1526	37	0.03	0.05	-0.38	6.79e-04	-1.61e-04	-2.94e-05
1526	39	-0.04	0.07	-0.35	8.33e-04	-1.37e-04	-2.44e-05
1526	40	-0.05	0.06	-0.35	8.52e-04	-1.33e-04	-2.37e-05
1526	69	0.02	0.05	-0.38	6.86e-04	-1.60e-04	-2.92e-05
1526	71	-0.04	0.07	-0.36	8.27e-04	-1.38e-04	-2.46e-05
1526	72	-0.05	0.06	-0.35	8.45e-04	-1.34e-04	-2.39e-05
1527	5	0.07	0.04	-0.37	5.14e-04	-2.33e-04	-3.21e-05
1527	7	-0.08	0.08	-0.32	8.30e-04	-1.74e-04	-2.53e-05
1527	8	-0.09	0.07	-0.32	8.72e-04	-1.64e-04	-2.42e-05
1527	37	0.03	0.05	-0.35	6.08e-04	-2.15e-04	-3.00e-05
1527	39	-0.04	0.07	-0.33	7.59e-04	-1.87e-04	-2.68e-05
1527	40	-0.05	0.06	-0.33	7.78e-04	-1.82e-04	-2.63e-05
1527	69	0.02	0.05	-0.35	6.15e-04	-2.14e-04	-2.99e-05
1527	71	-0.04	0.06	-0.33	7.53e-04	-1.88e-04	-2.69e-05
1527	72	-0.04	0.06	-0.33	7.71e-04	-1.84e-04	-2.64e-05
1528	5	0.07	0.04	-0.39	9.41e-04	-4.25e-04	-6.77e-05
1528	7	-0.08	0.08	-0.34	6.19e-04	-3.53e-04	-5.45e-05
1528	8	-0.09	0.07	-0.33	6.60e-04	-3.39e-04	-5.19e-05
1528	37	0.03	0.05	-0.37	8.68e-04	-4.02e-04	-6.36e-05
1528	39	-0.04	0.07	-0.35	7.14e-04	-3.68e-04	-5.73e-05
1528	40	-0.05	0.06	-0.34	7.33e-04	-3.61e-04	-5.60e-05
1528	69	0.02	0.05	-0.37	8.62e-04	-4.01e-04	-6.33e-05
1528	71	-0.04	0.07	-0.35	7.21e-04	-3.69e-04	-5.75e-05
1528	72	-0.05	0.06	-0.35	7.39e-04	-3.63e-04	-5.63e-05
1529	5	0.07	0.04	-0.36	8.68e-04	-4.87e-04	-6.69e-05
1529	7	-0.08	0.08	-0.32	5.52e-04	-4.07e-04	-5.74e-05
1529	8	-0.09	0.07	-0.31	5.93e-04	-3.90e-04	-5.59e-05
1529	37	0.03	0.05	-0.34	7.96e-04	-4.62e-04	-6.40e-05
1529	39	-0.04	0.06	-0.33	6.45e-04	-4.24e-04	-5.95e-05
1529	40	-0.05	0.06	-0.32	6.64e-04	-4.16e-04	-5.88e-05
1529	69	0.02	0.05	-0.34	7.91e-04	-4.60e-04	-6.38e-05
1529	71	-0.04	0.06	-0.33	6.52e-04	-4.25e-04	-5.96e-05
1529	72	-0.04	0.06	-0.32	6.70e-04	-4.18e-04	-5.90e-05
1530	7	-0.08	0.08	-0.37	6.58e-04	-5.71e-04	-8.58e-05
1530	8	-0.09	0.07	-0.37	6.98e-04	-5.50e-04	-8.22e-05
1530	39	-0.04	0.07	-0.36	7.52e-04	-5.90e-04	-8.91e-05
1530	40	-0.05	0.06	-0.36	7.71e-04	-5.80e-04	-8.74e-05
1530	71	-0.04	0.06	-0.36	7.59e-04	-5.92e-04	-8.94e-05
1530	72	-0.05	0.06	-0.35	7.76e-04	-5.83e-04	-8.78e-05
1531	7	-0.08	0.08	-0.34	5.94e-04	-6.30e-04	-8.86e-05
1531	8	-0.09	0.06	-0.34	6.34e-04	-6.07e-04	-8.64e-05
1531	39	-0.04	0.06	-0.33	6.87e-04	-6.51e-04	-9.13e-05
1531	40	-0.05	0.06	-0.33	7.06e-04	-6.40e-04	-9.03e-05
1531	71	-0.04	0.06	-0.33	6.94e-04	-6.52e-04	-9.15e-05
1531	72	-0.04	0.06	-0.33	7.11e-04	-6.42e-04	-9.06e-05
1532	7	-0.08	0.08	-0.36	6.99e-04	-7.76e-04	-1.15e-04
1532	8	-0.09	0.07	-0.35	7.38e-04	-7.10e-04	-1.10e-04
1532	39	-0.04	0.06	-0.34	7.93e-04	-7.99e-04	-1.19e-04
1532	40	-0.05	0.06	-0.34	8.11e-04	-7.86e-04	-1.17e-04
1532	71	-0.04	0.06	-0.34	8.00e-04	-8.01e-04	-1.19e-04
1532	72	-0.05	0.06	-0.34	8.17e-04	-7.89e-04	-1.17e-04
1533	7	-0.08	0.07	-0.32	6.39e-04	-8.40e-04	-1.18e-04
1533	8	-0.09	0.06	-0.32	6.79e-04	-8.11e-04	-1.15e-04

1533	39	-0.04	0.06	-0.31	7.32e-04	-8.64e-04	-1.21e-04
1533	40	-0.05	0.05	-0.31	7.51e-04	-8.50e-04	-1.19e-04
1533	71	-0.04	0.06	-0.31	7.39e-04	-8.66e-04	-1.21e-04
1533	72	-0.04	0.05	-0.31	7.56e-04	-8.53e-04	-1.20e-04
1534	7	-0.08	0.07	-0.33	7.42e-04	-9.64e-04	-1.42e-04
1534	8	-0.09	0.06	-0.33	7.81e-04	-9.32e-04	-1.37e-04
1534	39	-0.04	0.06	-0.32	8.36e-04	-9.90e-04	-1.46e-04
1534	40	-0.05	0.05	-0.32	8.54e-04	-9.75e-04	-1.44e-04
1534	71	-0.04	0.06	-0.32	8.43e-04	-9.92e-04	-1.47e-04
1534	72	-0.05	0.05	-0.32	8.60e-04	-9.78e-04	-1.44e-04
1535	7	-0.08	0.07	-0.30	6.88e-04	-1.03e-03	-1.45e-04
1535	8	-0.09	0.06	-0.29	7.28e-04	-9.97e-04	-1.41e-04
1535	39	-0.04	0.06	-0.29	7.81e-04	-1.06e-03	-1.48e-04
1535	40	-0.05	0.05	-0.28	8.00e-04	-1.04e-03	-1.47e-04
1535	71	-0.04	0.05	-0.29	7.88e-04	-1.06e-03	-1.49e-04
1535	72	-0.04	0.05	-0.28	8.05e-04	-1.05e-03	-1.47e-04
1536	7	-0.08	0.07	-0.30	7.88e-04	-1.13e-03	-1.66e-04
1536	8	-0.09	0.06	-0.30	8.27e-04	-1.09e-03	-1.60e-04
1536	39	-0.04	0.06	-0.29	8.82e-04	-1.16e-03	-1.70e-04
1536	40	-0.05	0.05	-0.29	9.00e-04	-1.14e-03	-1.68e-04
1536	71	-0.04	0.05	-0.29	8.89e-04	-1.16e-03	-1.71e-04
1536	72	-0.05	0.05	-0.29	9.06e-04	-1.15e-03	-1.68e-04
1537	7	-0.08	0.07	-0.27	7.41e-04	-1.20e-03	-1.88e-04
1537	8	-0.09	0.05	-0.26	7.80e-04	-1.16e-03	-1.84e-04
1537	39	-0.04	0.05	-0.26	8.34e-04	-1.23e-03	-1.81e-04
1537	40	-0.05	0.05	-0.26	8.52e-04	-1.21e-03	-1.80e-04
1537	71	-0.04	0.05	-0.26	8.41e-04	-1.23e-03	-1.81e-04
1537	72	-0.04	0.05	-0.26	8.57e-04	-1.22e-03	-1.79e-04
1538	7	-0.08	0.07	-0.27	8.35e-04	-1.27e-03	-1.86e-04
1538	8	-0.09	0.05	-0.27	8.74e-04	-1.23e-03	-1.80e-04
1538	39	-0.04	0.05	-0.26	9.29e-04	-1.30e-03	-1.91e-04
1538	40	-0.05	0.05	-0.26	9.47e-04	-1.28e-03	-1.88e-04
1538	71	-0.04	0.05	-0.26	9.36e-04	-1.30e-03	-1.91e-04
1538	72	-0.05	0.05	-0.26	9.53e-04	-1.29e-03	-1.89e-04
1539	7	-0.08	0.06	-0.24	7.96e-04	-1.34e-03	-2.10e-04
1539	8	-0.09	0.05	-0.23	8.34e-04	-1.30e-03	-2.05e-04
1539	39	-0.04	0.05	-0.23	8.88e-04	-1.38e-03	-2.03e-04
1539	40	-0.05	0.04	-0.22	9.06e-04	-1.36e-03	-2.01e-04
1539	71	-0.04	0.05	-0.23	8.96e-04	-1.38e-03	-2.02e-04
1539	72	-0.04	0.04	-0.22	9.12e-04	-1.36e-03	-2.01e-04
1540	7	-0.08	0.06	-0.24	8.84e-04	-1.55e-03	-2.02e-04
1540	8	-0.09	0.05	-0.23	9.22e-04	-1.50e-03	-1.95e-04
1540	39	-0.04	0.05	-0.23	9.77e-04	-1.49e-03	-2.07e-04
1540	40	-0.05	0.04	-0.23	9.95e-04	-1.47e-03	-2.04e-04
1540	71	-0.04	0.05	-0.23	9.84e-04	-1.49e-03	-2.07e-04
1540	72	-0.05	0.04	-0.23	1.00e-03	-1.47e-03	-2.04e-04
1541	7	-0.08	0.06	-0.20	8.53e-04	-1.46e-03	-2.26e-04
1541	8	-0.09	0.04	-0.19	8.90e-04	-1.41e-03	-2.22e-04
1541	39	-0.04	0.04	-0.19	9.45e-04	-1.49e-03	-2.19e-04
1541	40	-0.05	0.04	-0.19	9.62e-04	-1.47e-03	-2.17e-04
1541	71	-0.04	0.04	-0.19	9.52e-04	-1.49e-03	-2.18e-04
1541	72	-0.04	0.04	-0.19	9.68e-04	-1.47e-03	-2.16e-04
1542	7	-0.08	0.06	-0.20	9.31e-04	-1.62e-03	-2.39e-04
1542	8	-0.09	0.04	-0.20	9.69e-04	-1.58e-03	-2.32e-04
1542	39	-0.04	0.04	-0.19	1.02e-03	-1.57e-03	-2.30e-04
1542	40	-0.05	0.04	-0.19	1.04e-03	-1.55e-03	-2.27e-04
1542	71	-0.04	0.04	-0.19	1.03e-03	-1.57e-03	-2.30e-04
1542	72	-0.04	0.04	-0.19	1.05e-03	-1.55e-03	-2.27e-04
1543	7	-0.08	0.05	-0.16	9.08e-04	-1.70e-03	-2.38e-04
1543	8	-0.09	0.04	-0.16	9.45e-04	-1.65e-03	-2.33e-04
1543	39	-0.04	0.04	-0.15	9.99e-04	-1.64e-03	-2.31e-04
1543	40	-0.05	0.03	-0.15	1.02e-03	-1.62e-03	-2.28e-04
1543	71	-0.04	0.04	-0.15	1.01e-03	-1.64e-03	-2.30e-04
1543	72	-0.04	0.03	-0.15	1.02e-03	-1.62e-03	-2.28e-04
1544	7	-0.08	0.05	-0.16	9.74e-04	-1.67e-03	-2.36e-04
1544	8	-0.09	0.04	-0.16	1.01e-03	-1.62e-03	-2.30e-04
1544	39	-0.04	0.04	-0.15	1.07e-03	-1.61e-03	-2.27e-04
1544	40	-0.05	0.03	-0.16	1.08e-03	-1.59e-03	-2.25e-04
1544	71	-0.04	0.04	-0.15	1.07e-03	-1.61e-03	-2.27e-04
1544	72	-0.04	0.03	-0.16	1.09e-03	-1.59e-03	-2.24e-04
1545	7	-0.08	0.05	-0.12	9.55e-04	-1.72e-03	-2.44e-04
1545	8	-0.09	0.03	-0.12	9.91e-04	-1.68e-03	-2.39e-04
1545	39	-0.04	0.03	-0.12	1.04e-03	-1.66e-03	-2.36e-04
1545	40	-0.05	0.03	-0.11	1.06e-03	-1.64e-03	-2.33e-04
1545	71	-0.04	0.03	-0.12	1.05e-03	-1.66e-03	-2.35e-04
1545	72	-0.04	0.02	-0.11	1.07e-03	-1.64e-03	-2.33e-04
1546	7	-0.08	0.05	-0.12	1.00e-03	-1.67e-03	-2.43e-04

1546	8	-0.09	0.03	-0.12	1.04e-03	-1.63e-03	-2.37e-04
1546	39	-0.04	0.03	-0.12	1.09e-03	-1.62e-03	-2.35e-04
1546	40	-0.05	0.02	-0.12	1.11e-03	-1.60e-03	-2.32e-04
1546	71	-0.04	0.03	-0.12	1.10e-03	-1.61e-03	-2.34e-04
1546	72	-0.04	0.02	-0.12	1.12e-03	-1.60e-03	-2.32e-04
1547	7	-0.08	0.04	-0.08	9.73e-04	-1.68e-03	-2.39e-04
1547	8	-0.09	0.03	-0.08	1.01e-03	-1.64e-03	-2.34e-04
1547	39	-0.04	0.03	-0.08	1.06e-03	-1.63e-03	-2.33e-04
1547	40	-0.05	0.02	-0.08	1.07e-03	-1.61e-03	-2.30e-04
1547	71	-0.04	0.02	-0.08	1.06e-03	-1.63e-03	-2.32e-04
1547	72	-0.04	0.02	-0.08	1.08e-03	-1.61e-03	-2.30e-04
1548	7	-0.09	0.04	-0.08	2.19e-03	1.91e-03	3.23e-04
1548	27	-0.05	0.04	-0.09	2.26e-03	2.08e-03	3.51e-04
1548	29	-2.85e-04	0.03	-0.09	2.19e-03	2.12e-03	3.59e-04
1548	39	-0.05	0.02	-0.08	2.09e-03	1.92e-03	3.27e-04
1548	59	-0.02	0.02	-0.09	2.12e-03	2.00e-03	3.40e-04
1548	61	-1.16e-03	0.02	-0.09	2.09e-03	2.02e-03	3.44e-04
1548	71	-0.04	0.02	-0.08	2.08e-03	1.92e-03	3.28e-04
1548	91	-0.02	0.02	-0.09	2.11e-03	1.99e-03	3.40e-04
1548	93	-1.25e-03	0.02	-0.09	2.08e-03	2.01e-03	3.43e-04
1549	7	-0.09	0.05	-0.16	2.15e-03	1.81e-03	2.94e-04
1549	27	-0.05	0.05	-0.18	2.24e-03	1.97e-03	3.15e-04
1549	29	1.99e-03	0.04	-0.18	2.17e-03	2.01e-03	3.21e-04
1549	39	-0.04	0.03	-0.16	2.04e-03	1.82e-03	2.98e-04
1549	59	-0.02	0.03	-0.17	2.08e-03	1.89e-03	3.07e-04
1549	61	1.04e-03	0.03	-0.17	2.05e-03	1.91e-03	3.10e-04
1549	71	-0.04	0.03	-0.16	2.04e-03	1.82e-03	2.98e-04
1549	91	-0.02	0.03	-0.17	2.07e-03	1.89e-03	3.07e-04
1549	93	9.50e-04	0.03	-0.17	2.04e-03	1.90e-03	3.09e-04
1550	6	0.09	-9.81e-04	-0.24	1.89e-03	1.53e-03	2.64e-04
1550	27	-0.04	0.06	-0.26	2.08e-03	1.63e-03	2.67e-04
1550	29	3.95e-03	0.05	-0.26	2.08e-03	1.66e-03	2.72e-04
1550	38	0.05	0.01	-0.24	1.87e-03	1.52e-03	2.61e-04
1550	59	-0.02	0.04	-0.25	1.95e-03	1.57e-03	2.62e-04
1550	61	2.96e-03	0.04	-0.25	1.96e-03	1.58e-03	2.65e-04
1550	70	0.04	0.02	-0.24	1.86e-03	1.52e-03	2.61e-04
1550	91	-0.02	0.04	-0.25	1.94e-03	1.56e-03	2.62e-04
1550	93	2.87e-03	0.04	-0.25	1.95e-03	1.58e-03	2.64e-04
1551	6	0.09	6.31e-03	-0.29	1.80e-03	9.96e-04	1.84e-04
1551	27	-0.04	0.07	-0.32	2.01e-03	1.18e-03	2.14e-04
1551	29	5.40e-03	0.06	-0.33	2.08e-03	1.16e-03	2.09e-04
1551	38	0.05	0.02	-0.29	1.78e-03	1.04e-03	1.92e-04
1551	59	-0.02	0.05	-0.30	1.87e-03	1.13e-03	2.06e-04
1551	61	4.39e-03	0.05	-0.31	1.91e-03	1.11e-03	2.03e-04
1551	70	0.04	0.02	-0.29	1.78e-03	1.04e-03	1.92e-04
1551	91	-0.02	0.05	-0.30	1.86e-03	1.12e-03	2.05e-04
1551	93	4.29e-03	0.05	-0.31	1.90e-03	1.11e-03	2.03e-04
1552	6	0.10	0.01	-0.33	1.74e-03	5.20e-04	1.30e-04
1552	27	-0.04	0.07	-0.36	1.96e-03	6.24e-04	1.33e-04
1552	29	6.22e-03	0.06	-0.36	2.03e-03	6.05e-04	1.36e-04
1552	38	0.05	0.03	-0.33	1.72e-03	5.45e-04	1.29e-04
1552	59	-0.02	0.06	-0.34	1.82e-03	5.94e-04	1.30e-04
1552	61	5.18e-03	0.05	-0.34	1.86e-03	5.86e-04	1.31e-04
1552	70	0.04	0.03	-0.33	1.72e-03	5.47e-04	1.29e-04
1552	91	-0.02	0.06	-0.34	1.81e-03	5.92e-04	1.30e-04
1552	93	5.08e-03	0.05	-0.34	1.84e-03	5.84e-04	1.31e-04
1553	6	0.10	0.01	-0.34	1.72e-03	2.01e-05	4.69e-05
1553	19	-4.84e-03	0.08	-0.36	1.90e-03	2.08e-05	6.20e-05
1553	25	0.01	0.06	-0.37	2.00e-03	4.75e-06	6.01e-05
1553	38	0.05	0.03	-0.33	1.70e-03	2.83e-05	5.04e-05
1553	51	-3.64e-04	0.06	-0.35	1.79e-03	2.88e-05	5.75e-05
1553	57	7.36e-03	0.05	-0.35	1.83e-03	2.12e-05	5.66e-05
1553	70	0.04	0.03	-0.33	1.70e-03	2.89e-05	5.07e-05
1553	83	4.55e-06	0.06	-0.35	1.78e-03	2.94e-05	5.72e-05
1553	89	7.09e-03	0.05	-0.35	1.82e-03	2.24e-05	5.64e-05
1554	6	0.10	9.55e-03	-0.32	1.73e-03	-4.86e-04	-2.15e-05
1554	19	-5.42e-03	0.07	-0.35	1.90e-03	-5.42e-04	-3.83e-05
1554	25	0.01	0.06	-0.36	2.00e-03	-5.66e-04	-4.49e-05
1554	38	0.05	0.03	-0.32	1.71e-03	-4.84e-04	-2.14e-05
1554	51	-9.44e-04	0.06	-0.33	1.79e-03	-5.10e-04	-2.93e-05
1554	57	6.78e-03	0.05	-0.34	1.84e-03	-5.22e-04	-3.24e-05
1554	70	0.04	0.03	-0.32	1.71e-03	-4.84e-04	-2.14e-05
1554	83	-5.76e-04	0.05	-0.33	1.78e-03	-5.08e-04	-2.86e-05
1554	89	6.50e-03	0.05	-0.34	1.83e-03	-5.18e-04	-3.14e-05
1555	6	0.09	4.30e-03	-0.28	1.77e-03	-9.50e-04	-7.59e-05
1555	19	-6.63e-03	0.07	-0.31	1.92e-03	-1.05e-03	-9.09e-05
1555	25	8.79e-03	0.05	-0.31	2.02e-03	-1.09e-03	-9.01e-05

1555	38	0.05	0.02	-0.28	1.75e-03	-9.49e-04	-7.89e-05
1555	51	-2.16e-03	0.05	-0.29	1.82e-03	-9.96e-04	-8.60e-05
1555	57	5.54e-03	0.04	-0.30	1.87e-03	-1.01e-03	-8.56e-05
1555	70	0.04	0.02	-0.28	1.75e-03	-9.49e-04	-7.91e-05
1555	83	-1.79e-03	0.05	-0.29	1.81e-03	-9.92e-04	-8.56e-05
1555	89	5.27e-03	0.04	-0.30	1.85e-03	-1.01e-03	-8.52e-05
1556	6	0.09	-3.53e-03	-0.23	1.82e-03	-1.32e-03	-1.31e-04
1556	19	-8.39e-03	0.06	-0.24	1.96e-03	-1.45e-03	-1.48e-04
1556	25	6.99e-03	0.05	-0.25	2.04e-03	-1.50e-03	-1.54e-04
1556	38	0.04	0.01	-0.22	1.80e-03	-1.32e-03	-1.32e-04
1556	51	-3.92e-03	0.04	-0.23	1.87e-03	-1.38e-03	-1.40e-04
1556	57	3.76e-03	0.04	-0.24	1.91e-03	-1.40e-03	-1.42e-04
1556	70	0.04	0.01	-0.22	1.80e-03	-1.32e-03	-1.32e-04
1556	83	-3.55e-03	0.04	-0.23	1.86e-03	-1.37e-03	-1.39e-04
1556	89	3.49e-03	0.04	-0.24	1.89e-03	-1.39e-03	-1.41e-04
1557	7	-0.09	0.05	-0.16	1.79e-03	-1.52e-03	-1.75e-04
1557	19	-0.01	0.05	-0.17	1.98e-03	-1.68e-03	-1.81e-04
1557	27	-0.05	0.05	-0.17	1.99e-03	-1.70e-03	-1.83e-04
1557	39	-0.05	0.03	-0.16	1.81e-03	-1.52e-03	-1.69e-04
1557	51	-6.05e-03	0.03	-0.16	1.90e-03	-1.72e-03	-1.72e-04
1557	59	-0.02	0.03	-0.16	1.91e-03	-1.61e-03	-1.72e-04
1557	71	-0.04	0.03	-0.16	1.81e-03	-1.52e-03	-1.68e-04
1557	83	-5.68e-03	0.03	-0.16	1.89e-03	-1.59e-03	-1.71e-04
1557	91	-0.02	0.03	-0.16	1.90e-03	-1.72e-03	-1.72e-04
1558	7	-0.10	0.04	-0.08	1.76e-03	-1.61e-03	-1.69e-04
1558	19	-0.05	0.04	-0.09	1.91e-03	-1.68e-03	-1.88e-04
1558	27	-0.05	0.04	-0.09	1.92e-03	-1.70e-03	-1.89e-04
1558	39	-0.05	0.02	-0.08	1.78e-03	-1.55e-03	-1.71e-04
1558	51	-0.02	0.02	-0.08	1.85e-03	-1.58e-03	-1.80e-04
1558	59	-0.03	0.02	-0.08	1.86e-03	-1.59e-03	-1.80e-04
1558	71	-0.04	0.02	-0.08	1.78e-03	-1.54e-03	-1.71e-04
1558	83	-0.02	0.02	-0.08	1.85e-03	-1.57e-03	-1.79e-04
1558	91	-0.02	0.02	-0.08	1.85e-03	-1.58e-03	-1.80e-04
1559	7	-0.09	0.05	-0.19	1.96e-03	-1.64e-03	-1.66e-04
1559	19	-7.95e-03	0.06	-0.20	2.15e-03	-1.68e-03	-1.76e-04
1559	25	5.18e-03	0.04	-0.21	2.22e-03	-1.65e-03	-1.74e-04
1559	39	-0.04	0.04	-0.19	1.99e-03	-1.56e-03	-1.56e-04
1559	51	-4.12e-03	0.04	-0.20	2.07e-03	-1.60e-03	-1.61e-04
1559	57	2.52e-03	0.03	-0.20	2.11e-03	-1.59e-03	-1.60e-04
1559	71	-0.04	0.04	-0.19	1.99e-03	-1.58e-03	-1.55e-04
1559	83	-3.80e-03	0.04	-0.19	2.07e-03	-1.60e-03	-1.60e-04
1559	89	2.29e-03	0.03	-0.20	2.10e-03	-1.58e-03	-1.59e-04
1560	6	0.09	-2.74e-03	-0.23	2.45e-03	1.83e-03	3.33e-04
1560	25	5.59e-03	0.05	-0.25	2.69e-03	1.96e-03	3.52e-04
1560	27	-0.05	0.06	-0.24	2.61e-03	1.93e-03	3.45e-04
1560	38	0.04	0.01	-0.23	2.42e-03	1.82e-03	3.30e-04
1560	39	-0.04	0.04	-0.22	2.37e-03	1.80e-03	3.25e-04
1560	57	3.16e-03	0.04	-0.24	2.53e-03	1.88e-03	3.39e-04
1560	70	0.04	0.02	-0.23	2.42e-03	1.82e-03	3.30e-04
1560	71	-0.04	0.04	-0.22	2.37e-03	1.80e-03	3.25e-04
1560	89	2.95e-03	0.04	-0.24	2.52e-03	1.88e-03	3.38e-04
1561	6	0.10	7.59e-03	-0.31	2.37e-03	1.80e-03	3.33e-04
1561	25	7.79e-03	0.06	-0.32	2.60e-03	1.93e-03	3.50e-04
1561	27	-0.04	0.07	-0.31	2.52e-03	1.89e-03	3.41e-04
1561	38	0.05	0.02	-0.30	2.34e-03	1.79e-03	3.29e-04
1561	57	5.29e-03	0.05	-0.31	2.45e-03	1.85e-03	3.37e-04
1561	59	-0.02	0.05	-0.31	2.41e-03	1.83e-03	3.33e-04
1561	70	0.04	0.03	-0.30	2.33e-03	1.79e-03	3.29e-04
1561	89	5.08e-03	0.05	-0.31	2.44e-03	1.84e-03	3.36e-04
1561	91	-0.02	0.05	-0.31	2.40e-03	1.83e-03	3.32e-04
1562	6	0.10	0.02	-0.38	2.25e-03	1.65e-03	3.02e-04
1562	17	0.05	0.07	-0.39	2.47e-03	1.77e-03	3.16e-04
1562	27	-0.04	0.08	-0.38	2.41e-03	1.74e-03	3.09e-04
1562	38	0.05	0.03	-0.37	2.22e-03	1.64e-03	2.99e-04
1562	49	0.03	0.06	-0.38	2.32e-03	1.70e-03	3.05e-04
1562	59	-0.02	0.06	-0.38	2.30e-03	1.69e-03	3.02e-04
1562	70	0.05	0.03	-0.37	2.22e-03	1.64e-03	2.98e-04
1562	81	0.02	0.06	-0.38	2.31e-03	1.69e-03	3.04e-04
1562	91	-0.02	0.06	-0.38	2.29e-03	1.68e-03	3.01e-04
1563	6	0.10	0.03	-0.44	2.15e-03	1.37e-03	2.71e-04
1563	17	0.05	0.07	-0.46	2.38e-03	1.47e-03	2.89e-04
1563	27	-0.04	0.09	-0.44	2.32e-03	1.45e-03	2.82e-04
1563	38	0.05	0.04	-0.44	2.12e-03	1.36e-03	2.67e-04
1563	49	0.03	0.07	-0.44	2.23e-03	1.41e-03	2.76e-04
1563	59	-0.02	0.07	-0.44	2.20e-03	1.40e-03	2.72e-04
1563	70	0.05	0.04	-0.44	2.12e-03	1.36e-03	2.67e-04
1563	81	0.03	0.06	-0.44	2.22e-03	1.40e-03	2.75e-04

1563	91	-0.01	0.07	-0.44	2.19e-03	1.39e-03	2.72e-04
1564	6	0.10	0.03	-0.49	2.07e-03	9.83e-04	1.88e-04
1564	17	0.05	0.08	-0.50	2.31e-03	1.06e-03	2.18e-04
1564	19	1.18e-04	0.10	-0.49	2.23e-03	1.03e-03	2.26e-04
1564	38	0.05	0.05	-0.48	2.04e-03	9.75e-04	1.98e-04
1564	49	0.03	0.07	-0.49	2.16e-03	1.01e-03	2.12e-04
1564	51	3.89e-03	0.08	-0.49	2.12e-03	9.99e-04	2.16e-04
1564	70	0.05	0.05	-0.48	2.04e-03	9.75e-04	1.98e-04
1564	81	0.03	0.07	-0.49	2.14e-03	1.01e-03	2.11e-04
1564	83	4.21e-03	0.08	-0.49	2.11e-03	9.96e-04	2.15e-04
1565	6	0.10	0.04	-0.52	2.02e-03	4.78e-04	1.23e-04
1565	17	0.05	0.09	-0.53	2.26e-03	5.56e-04	1.39e-04
1565	19	8.35e-04	0.10	-0.52	2.18e-03	5.72e-04	1.44e-04
1565	38	0.05	0.05	-0.51	2.00e-03	4.99e-04	1.29e-04
1565	49	0.03	0.08	-0.52	2.11e-03	5.36e-04	1.37e-04
1565	51	4.65e-03	0.08	-0.51	2.07e-03	5.44e-04	1.39e-04
1565	70	0.05	0.05	-0.51	1.99e-03	5.01e-04	1.29e-04
1565	81	0.03	0.07	-0.52	2.10e-03	5.35e-04	1.36e-04
1565	83	4.97e-03	0.08	-0.51	2.06e-03	5.42e-04	1.38e-04
1566	6	0.10	0.04	-0.53	1.99e-03	1.65e-05	5.34e-05
1566	17	0.05	0.09	-0.54	2.23e-03	5.46e-05	7.13e-05
1566	19	9.76e-04	0.10	-0.53	2.15e-03	6.33e-05	7.57e-05
1566	38	0.05	0.05	-0.52	1.97e-03	2.80e-05	5.89e-05
1566	49	0.03	0.08	-0.53	2.08e-03	4.56e-05	6.74e-05
1566	51	4.82e-03	0.08	-0.52	2.05e-03	4.97e-05	6.95e-05
1566	70	0.05	0.05	-0.52	1.97e-03	2.88e-05	5.93e-05
1566	81	0.03	0.08	-0.53	2.07e-03	4.49e-05	6.71e-05
1566	83	5.14e-03	0.08	-0.52	2.04e-03	4.87e-05	6.90e-05
1567	6	0.10	0.03	-0.51	1.99e-03	-4.42e-04	-7.10e-06
1567	17	0.05	0.09	-0.53	2.22e-03	-4.85e-04	-3.00e-05
1567	19	5.27e-04	0.10	-0.52	2.14e-03	-4.74e-04	-2.45e-05
1567	38	0.05	0.05	-0.50	1.97e-03	-4.39e-04	-6.20e-06
1567	49	0.03	0.07	-0.51	2.07e-03	-4.60e-04	-1.70e-05
1567	51	4.39e-03	0.08	-0.51	2.04e-03	-4.54e-04	-1.43e-05
1567	70	0.05	0.05	-0.50	1.96e-03	-4.39e-04	-6.13e-06
1567	81	0.03	0.07	-0.51	2.06e-03	-4.58e-04	-1.60e-05
1567	83	4.71e-03	0.08	-0.51	2.03e-03	-4.53e-04	-1.36e-05
1568	6	0.10	0.03	-0.48	2.00e-03	-8.78e-04	-6.29e-05
1568	17	0.05	0.08	-0.49	2.22e-03	-9.56e-04	-8.20e-05
1568	19	-4.87e-04	0.09	-0.48	2.15e-03	-9.36e-04	-7.89e-05
1568	38	0.05	0.05	-0.47	1.98e-03	-8.74e-04	-6.31e-05
1568	49	0.03	0.07	-0.48	2.08e-03	-9.11e-04	-7.21e-05
1568	51	3.39e-03	0.08	-0.47	2.05e-03	-9.01e-04	-7.06e-05
1568	70	0.05	0.05	-0.47	1.98e-03	-8.73e-04	-6.32e-05
1568	81	0.03	0.07	-0.47	2.07e-03	-9.07e-04	-7.14e-05
1568	83	3.72e-03	0.07	-0.47	2.04e-03	-8.98e-04	-7.00e-05
1569	6	0.10	0.02	-0.42	2.03e-03	-1.24e-03	-1.16e-04
1569	17	0.05	0.07	-0.43	2.23e-03	-1.34e-03	-1.49e-04
1569	19	-1.99e-03	0.09	-0.42	2.16e-03	-1.31e-03	-1.44e-04
1569	38	0.05	0.04	-0.41	2.01e-03	-1.23e-03	-1.17e-04
1569	49	0.03	0.06	-0.42	2.10e-03	-1.28e-03	-1.33e-04
1569	51	1.89e-03	0.07	-0.42	2.07e-03	-1.26e-03	-1.30e-04
1569	70	0.05	0.04	-0.41	2.01e-03	-1.23e-03	-1.17e-04
1569	81	0.02	0.06	-0.42	2.09e-03	-1.27e-03	-1.31e-04
1569	83	2.22e-03	0.07	-0.42	2.06e-03	-1.26e-03	-1.29e-04
1570	6	0.10	0.01	-0.35	2.07e-03	-1.48e-03	-1.54e-04
1570	17	0.05	0.06	-0.36	2.25e-03	-1.60e-03	-1.95e-04
1570	19	-3.86e-03	0.08	-0.35	2.18e-03	-1.56e-03	-1.89e-04
1570	38	0.05	0.03	-0.35	2.04e-03	-1.47e-03	-1.55e-04
1570	49	0.02	0.05	-0.35	2.13e-03	-1.53e-03	-1.74e-04
1570	51	2.49e-05	0.06	-0.35	2.10e-03	-1.51e-03	-1.71e-04
1570	70	0.04	0.03	-0.35	2.04e-03	-1.47e-03	-1.55e-04
1570	81	0.02	0.05	-0.35	2.12e-03	-1.52e-03	-1.73e-04
1570	83	3.50e-04	0.06	-0.35	2.09e-03	-1.51e-03	-1.70e-04
1571	6	0.09	2.93e-03	-0.27	2.09e-03	-1.46e-03	-1.42e-04
1571	19	-5.90e-03	0.07	-0.28	2.19e-03	-1.71e-03	-2.00e-04
1571	25	7.36e-03	0.05	-0.28	2.27e-03	-1.68e-03	-1.98e-04
1571	38	0.05	0.02	-0.27	2.07e-03	-1.51e-03	-1.53e-04
1571	51	-2.04e-03	0.05	-0.27	2.11e-03	-1.63e-03	-1.81e-04
1571	57	4.66e-03	0.04	-0.27	2.15e-03	-1.62e-03	-1.80e-04
1571	70	0.04	0.02	-0.27	2.06e-03	-1.54e-03	-1.54e-04
1571	83	-1.72e-03	0.05	-0.27	2.11e-03	-1.62e-03	-1.79e-04
1571	89	4.43e-03	0.04	-0.27	2.14e-03	-1.61e-03	-1.78e-04
1572	7	-0.09	0.05	-0.14	2.27e-03	1.87e-03	3.21e-04
1572	25	4.11e-03	0.04	-0.16	2.60e-03	2.06e-03	3.52e-04
1572	27	-0.05	0.05	-0.16	2.53e-03	2.02e-03	3.44e-04
1572	39	-0.05	0.03	-0.14	2.29e-03	1.89e-03	3.25e-04

1572	57	1.46e-03	0.03	-0.15	2.45e-03	1.97e-03	3.39e-04
1572	71	-0.04	0.03	-0.14	2.30e-03	1.89e-03	3.25e-04
1572	89	1.23e-03	0.03	-0.15	2.44e-03	1.97e-03	3.38e-04
1573	7	-0.09	0.04	-0.06	1.97e-03	1.92e-03	2.57e-04
1573	26	0.04	-0.02	-0.08	1.82e-03	1.81e-03	2.44e-04
1573	27	-0.05	0.04	-0.06	2.21e-03	2.08e-03	3.03e-04
1573	39	-0.05	0.02	-0.07	1.99e-03	1.93e-03	2.66e-04
1573	58	0.02	-7.46e-03	-0.07	1.93e-03	1.88e-03	2.60e-04
1573	71	-0.04	0.02	-0.07	2.00e-03	1.93e-03	2.67e-04
1573	90	0.02	-6.20e-03	-0.07	1.93e-03	1.89e-03	2.61e-04
1574	7	-0.09	0.03	-0.04	2.02e-03	1.80e-03	2.24e-04
1574	27	-0.05	0.04	-0.05	2.08e-03	1.96e-03	2.52e-04
1574	29	-1.47e-03	0.02	-0.05	2.02e-03	2.00e-03	2.66e-04
1574	39	-0.05	0.02	-0.04	1.93e-03	1.81e-03	2.35e-04
1574	59	-0.02	0.02	-0.05	1.96e-03	1.88e-03	2.49e-04
1574	61	-2.29e-03	0.01	-0.05	1.93e-03	1.90e-03	2.55e-04
1574	71	-0.04	0.02	-0.04	1.92e-03	1.81e-03	2.36e-04
1574	91	-0.02	0.02	-0.05	1.95e-03	1.88e-03	2.48e-04
1574	93	-2.37e-03	0.01	-0.05	1.92e-03	1.90e-03	2.55e-04
1575	7	-0.09	0.04	-0.12	2.19e-03	1.89e-03	3.29e-04
1575	27	-0.05	0.05	-0.14	2.27e-03	2.06e-03	3.65e-04
1575	29	8.75e-04	0.03	-0.14	2.20e-03	2.10e-03	3.73e-04
1575	39	-0.04	0.03	-0.12	2.09e-03	1.90e-03	3.29e-04
1575	59	-0.02	0.03	-0.13	2.12e-03	1.98e-03	3.46e-04
1575	61	-4.18e-05	0.02	-0.13	2.09e-03	2.00e-03	3.50e-04
1575	71	-0.04	0.03	-0.12	2.08e-03	1.90e-03	3.29e-04
1575	91	-0.02	0.03	-0.13	2.11e-03	1.97e-03	3.45e-04
1575	93	-1.32e-04	0.02	-0.13	2.08e-03	1.99e-03	3.48e-04
1576	6	0.09	-5.57e-03	-0.20	1.94e-03	1.70e-03	2.70e-04
1576	27	-0.04	0.06	-0.22	2.12e-03	1.82e-03	3.28e-04
1576	29	3.02e-03	0.05	-0.23	2.13e-03	1.85e-03	3.20e-04
1576	38	0.04	0.01	-0.20	1.92e-03	1.69e-03	2.82e-04
1576	59	-0.02	0.04	-0.21	2.00e-03	1.75e-03	3.09e-04
1576	61	2.05e-03	0.03	-0.21	2.00e-03	1.76e-03	3.06e-04
1576	70	0.04	0.01	-0.20	1.92e-03	1.69e-03	2.83e-04
1576	91	-0.02	0.04	-0.21	1.99e-03	1.74e-03	3.08e-04
1576	93	1.96e-03	0.03	-0.21	1.99e-03	1.76e-03	3.05e-04
1577	6	0.09	3.01e-03	-0.27	1.84e-03	1.32e-03	2.24e-04
1577	27	-0.04	0.07	-0.29	2.04e-03	1.40e-03	2.51e-04
1577	29	4.75e-03	0.05	-0.30	2.11e-03	1.41e-03	2.47e-04
1577	38	0.05	0.02	-0.27	1.82e-03	1.31e-03	2.30e-04
1577	59	-0.02	0.05	-0.28	1.91e-03	1.35e-03	2.44e-04
1577	61	3.75e-03	0.04	-0.28	1.95e-03	1.35e-03	2.41e-04
1577	70	0.04	0.02	-0.27	1.82e-03	1.31e-03	2.31e-04
1577	91	-0.02	0.05	-0.28	1.90e-03	1.35e-03	2.43e-04
1577	93	3.65e-03	0.04	-0.28	1.93e-03	1.35e-03	2.41e-04
1578	6	0.10	8.87e-03	-0.31	1.76e-03	7.64e-04	1.53e-04
1578	27	-0.04	0.07	-0.34	1.98e-03	9.10e-04	1.74e-04
1578	29	5.89e-03	0.06	-0.35	2.05e-03	8.89e-04	1.70e-04
1578	38	0.05	0.02	-0.31	1.74e-03	7.97e-04	1.59e-04
1578	59	-0.02	0.05	-0.32	1.84e-03	8.66e-04	1.68e-04
1578	61	4.87e-03	0.05	-0.33	1.88e-03	8.56e-04	1.67e-04
1578	70	0.04	0.03	-0.31	1.74e-03	7.99e-04	1.59e-04
1578	91	-0.02	0.05	-0.32	1.83e-03	8.63e-04	1.68e-04
1578	93	4.77e-03	0.05	-0.33	1.87e-03	8.53e-04	1.66e-04
1579	6	0.10	0.01	-0.33	1.72e-03	2.70e-04	8.21e-05
1579	25	0.01	0.06	-0.37	2.01e-03	3.17e-04	7.33e-05
1579	27	-0.04	0.08	-0.36	1.94e-03	3.33e-04	7.88e-05
1579	38	0.05	0.03	-0.33	1.71e-03	2.87e-04	8.51e-05
1579	57	7.40e-03	0.05	-0.35	1.84e-03	3.10e-04	8.09e-05
1579	59	-0.02	0.06	-0.35	1.81e-03	3.17e-04	8.36e-05
1579	70	0.04	0.03	-0.33	1.70e-03	2.89e-04	8.53e-05
1579	89	7.13e-03	0.05	-0.35	1.83e-03	3.09e-04	8.15e-05
1579	91	-0.02	0.06	-0.35	1.80e-03	3.16e-04	8.39e-05
1580	6	0.10	0.01	-0.33	1.72e-03	-2.35e-04	1.08e-05
1580	19	-5.05e-03	0.07	-0.36	1.90e-03	-2.63e-04	0.0
1580	25	0.01	0.06	-0.37	2.00e-03	-2.82e-04	-6.03e-06
1580	38	0.05	0.03	-0.33	1.70e-03	-2.31e-04	1.14e-05
1580	51	-5.71e-04	0.06	-0.34	1.79e-03	-2.44e-04	6.04e-06
1580	57	7.15e-03	0.05	-0.35	1.83e-03	-2.53e-04	3.47e-06
1580	70	0.04	0.03	-0.33	1.70e-03	-2.31e-04	1.14e-05
1580	83	-2.02e-04	0.06	-0.34	1.78e-03	-2.43e-04	6.54e-06
1580	89	6.88e-03	0.05	-0.35	1.82e-03	-2.51e-04	4.19e-06
1581	6	0.09	7.29e-03	-0.30	1.75e-03	-7.27e-04	-5.26e-05
1581	19	-5.95e-03	0.07	-0.33	1.91e-03	-8.05e-04	-6.94e-05
1581	25	9.49e-03	0.06	-0.34	2.01e-03	-8.36e-04	-7.51e-05
1581	38	0.05	0.02	-0.30	1.73e-03	-7.26e-04	-5.29e-05

1581	51	-1.48e-03	0.05	-0.32	1.80e-03	-7.63e-04	-6.08e-05
1581	57	6.23e-03	0.05	-0.32	1.85e-03	-7.77e-04	-6.35e-05
1581	70	0.04	0.02	-0.30	1.73e-03	-7.26e-04	-5.29e-05
1581	83	-1.11e-03	0.05	-0.31	1.80e-03	-7.59e-04	-6.01e-05
1581	89	5.96e-03	0.05	-0.32	1.84e-03	-7.73e-04	-6.26e-05
1582	6	0.09	6.70e-04	-0.26	1.79e-03	-1.15e-03	-1.14e-04
1582	19	-7.45e-03	0.06	-0.28	1.94e-03	-1.26e-03	-1.51e-04
1582	25	7.95e-03	0.05	-0.29	2.03e-03	-1.30e-03	-1.63e-04
1582	38	0.05	0.02	-0.26	1.78e-03	-1.15e-03	-1.15e-04
1582	51	-2.98e-03	0.05	-0.27	1.84e-03	-1.20e-03	-1.32e-04
1582	57	4.71e-03	0.04	-0.27	1.88e-03	-1.22e-03	-1.38e-04
1582	70	0.04	0.02	-0.26	1.77e-03	-1.15e-03	-1.15e-04
1582	83	-2.61e-03	0.05	-0.26	1.84e-03	-1.19e-03	-1.31e-04
1582	89	4.44e-03	0.04	-0.27	1.87e-03	-1.21e-03	-1.36e-04
1583	7	-0.09	0.05	-0.19	1.77e-03	-1.44e-03	-1.58e-04
1583	19	-9.42e-03	0.06	-0.21	1.97e-03	-1.58e-03	-1.87e-04
1583	25	5.93e-03	0.04	-0.21	2.05e-03	-1.64e-03	-1.98e-04
1583	39	-0.04	0.04	-0.19	1.79e-03	-1.44e-03	-1.57e-04
1583	51	-4.95e-03	0.04	-0.20	1.89e-03	-1.51e-03	-1.71e-04
1583	57	2.72e-03	0.03	-0.20	1.92e-03	-1.53e-03	-1.76e-04
1583	71	-0.04	0.03	-0.19	1.79e-03	-1.44e-03	-1.57e-04
1583	83	-4.58e-03	0.04	-0.20	1.88e-03	-1.50e-03	-1.70e-04
1583	89	2.45e-03	0.03	-0.20	1.91e-03	-1.53e-03	-1.74e-04
1584	7	-0.09	0.04	-0.12	1.79e-03	-1.54e-03	-1.68e-04
1584	19	-0.01	0.05	-0.13	1.96e-03	-1.70e-03	-1.99e-04
1584	27	-0.05	0.05	-0.13	1.98e-03	-1.72e-03	-2.04e-04
1584	39	-0.05	0.03	-0.12	1.81e-03	-1.55e-03	-1.67e-04
1584	51	-7.19e-03	0.03	-0.12	1.89e-03	-1.62e-03	-1.82e-04
1584	59	-0.02	0.03	-0.12	1.90e-03	-1.63e-03	-1.84e-04
1584	71	-0.04	0.02	-0.12	1.81e-03	-1.55e-03	-1.67e-04
1584	83	-6.82e-03	0.03	-0.12	1.89e-03	-1.61e-03	-1.80e-04
1584	91	-0.02	0.03	-0.12	1.89e-03	-1.62e-03	-1.82e-04
1585	7	-0.10	0.03	-0.05	1.60e-03	-1.44e-03	-1.06e-04
1585	19	-0.05	0.04	-0.05	1.73e-03	-1.50e-03	-8.14e-05
1585	27	-0.05	0.04	-0.05	1.74e-03	-1.51e-03	-1.06e-04
1585	39	-0.05	0.02	-0.05	1.62e-03	-1.38e-03	-9.72e-05
1585	51	-0.03	0.02	-0.05	1.69e-03	-1.40e-03	-8.58e-05
1585	59	-0.03	0.02	-0.05	1.69e-03	-1.41e-03	-9.71e-05
1585	71	-0.04	0.01	-0.05	1.62e-03	-1.37e-03	-9.66e-05
1585	83	-0.02	0.02	-0.05	1.68e-03	-1.40e-03	-8.61e-05
1585	91	-0.02	0.02	-0.05	1.68e-03	-1.40e-03	-9.65e-05
1586	7	-0.10	0.03	-0.06	1.57e-03	-1.39e-03	-1.27e-04
1586	19	-0.01	0.04	-0.07	1.72e-03	-1.44e-03	-1.25e-04
1586	25	2.02e-03	0.03	-0.07	1.78e-03	-1.41e-03	-1.18e-04
1586	39	-0.05	0.02	-0.07	1.59e-03	-1.34e-03	-1.18e-04
1586	51	-8.38e-03	0.02	-0.07	1.66e-03	-1.36e-03	-1.17e-04
1586	57	-1.02e-03	0.01	-0.07	1.69e-03	-1.35e-03	-1.13e-04
1586	71	-0.04	0.02	-0.07	1.59e-03	-1.34e-03	-1.17e-04
1586	83	-8.02e-03	0.02	-0.07	1.66e-03	-1.35e-03	-1.16e-04
1586	89	-1.27e-03	0.01	-0.07	1.68e-03	-1.34e-03	-1.13e-04
1587	7	-0.09	0.04	-0.12	1.84e-03	-1.56e-03	-1.78e-04
1587	19	-0.01	0.05	-0.13	2.01e-03	-1.60e-03	-1.84e-04
1587	25	3.56e-03	0.03	-0.14	2.07e-03	-1.57e-03	-1.81e-04
1587	39	-0.05	0.03	-0.12	1.86e-03	-1.51e-03	-1.70e-04
1587	51	-6.27e-03	0.03	-0.13	1.94e-03	-1.53e-03	-1.73e-04
1587	57	7.16e-04	0.02	-0.13	1.97e-03	-1.51e-03	-1.71e-04
1587	71	-0.04	0.03	-0.12	1.86e-03	-1.50e-03	-1.69e-04
1587	83	-5.94e-03	0.03	-0.13	1.93e-03	-1.52e-03	-1.72e-04
1587	89	4.75e-04	0.02	-0.13	1.96e-03	-1.51e-03	-1.71e-04
1588	6	0.09	-2.21e-03	-0.23	2.08e-03	-1.46e-03	-1.44e-04
1588	19	-6.93e-03	0.06	-0.24	2.18e-03	-1.70e-03	-1.87e-04
1588	25	6.26e-03	0.05	-0.25	2.26e-03	-1.67e-03	-1.85e-04
1588	38	0.04	0.01	-0.23	2.06e-03	-1.51e-03	-1.53e-04
1588	51	-3.09e-03	0.04	-0.23	2.10e-03	-1.63e-03	-1.73e-04
1588	57	3.59e-03	0.04	-0.24	2.14e-03	-1.61e-03	-1.72e-04
1588	70	0.04	0.01	-0.23	2.06e-03	-1.52e-03	-1.53e-04
1588	83	-2.76e-03	0.04	-0.23	2.10e-03	-1.62e-03	-1.72e-04
1588	89	3.36e-03	0.04	-0.24	2.13e-03	-1.61e-03	-1.71e-04
1589	6	0.10	8.04e-03	-0.31	2.08e-03	-1.56e-03	-1.41e-04
1589	17	0.05	0.06	-0.32	2.25e-03	-1.67e-03	-1.84e-04
1589	19	-4.87e-03	0.07	-0.32	2.19e-03	-1.64e-03	-1.89e-04
1589	38	0.05	0.02	-0.31	2.06e-03	-1.54e-03	-1.51e-04
1589	49	0.02	0.05	-0.31	2.14e-03	-1.60e-03	-1.71e-04
1589	51	-9.96e-04	0.05	-0.31	2.11e-03	-1.58e-03	-1.73e-04
1589	70	0.04	0.03	-0.31	2.06e-03	-1.54e-03	-1.52e-04
1589	81	0.02	0.05	-0.31	2.13e-03	-1.59e-03	-1.70e-04
1589	83	-6.71e-04	0.05	-0.31	2.10e-03	-1.58e-03	-1.72e-04

1590	6	0.10	0.02	-0.39	2.05e-03	-1.38e-03	-1.31e-04
1590	17	0.05	0.07	-0.40	2.24e-03	-1.49e-03	-1.58e-04
1590	19	-2.89e-03	0.08	-0.39	2.17e-03	-1.46e-03	-1.53e-04
1590	38	0.05	0.03	-0.38	2.03e-03	-1.37e-03	-1.32e-04
1590	49	0.03	0.06	-0.39	2.11e-03	-1.42e-03	-1.44e-04
1590	51	9.96e-04	0.06	-0.38	2.08e-03	-1.41e-03	-1.42e-04
1590	70	0.05	0.03	-0.38	2.02e-03	-1.37e-03	-1.32e-04
1590	81	0.02	0.06	-0.39	2.10e-03	-1.42e-03	-1.43e-04
1590	83	1.32e-03	0.06	-0.38	2.08e-03	-1.40e-03	-1.41e-04
1591	6	0.10	0.03	-0.45	2.02e-03	-1.07e-03	-9.71e-05
1591	17	0.05	0.08	-0.46	2.22e-03	-1.16e-03	-1.40e-04
1591	19	-1.18e-03	0.09	-0.45	2.15e-03	-1.13e-03	-1.33e-04
1591	38	0.05	0.04	-0.44	1.99e-03	-1.06e-03	-9.77e-05
1591	49	0.03	0.07	-0.45	2.09e-03	-1.11e-03	-1.18e-04
1591	51	2.70e-03	0.07	-0.45	2.06e-03	-1.09e-03	-1.15e-04
1591	70	0.05	0.04	-0.44	1.99e-03	-1.06e-03	-9.78e-05
1591	81	0.03	0.07	-0.45	2.08e-03	-1.10e-03	-1.16e-04
1591	83	3.02e-03	0.07	-0.44	2.05e-03	-1.09e-03	-1.13e-04
1592	6	0.10	0.03	-0.50	2.00e-03	-6.67e-04	-3.80e-05
1592	17	0.05	0.08	-0.51	2.22e-03	-7.28e-04	-6.07e-05
1592	19	8.69e-05	0.10	-0.50	2.14e-03	-7.12e-04	-5.64e-05
1592	38	0.05	0.05	-0.49	1.97e-03	-6.64e-04	-3.79e-05
1592	49	0.03	0.07	-0.50	2.08e-03	-6.92e-04	-4.86e-05
1592	51	3.96e-03	0.08	-0.49	2.04e-03	-6.85e-04	-4.66e-05
1592	70	0.05	0.05	-0.49	1.97e-03	-6.63e-04	-3.79e-05
1592	81	0.03	0.07	-0.50	2.06e-03	-6.90e-04	-4.77e-05
1592	83	4.28e-03	0.08	-0.49	2.03e-03	-6.83e-04	-4.58e-05
1593	6	0.10	0.04	-0.52	1.99e-03	-2.08e-04	2.81e-05
1593	17	0.05	0.09	-0.54	2.22e-03	-2.35e-04	1.77e-05
1593	19	8.25e-04	0.10	-0.53	2.15e-03	-2.26e-04	2.15e-05
1593	38	0.05	0.05	-0.52	1.97e-03	-2.05e-04	2.95e-05
1593	49	0.03	0.08	-0.52	2.08e-03	-2.18e-04	2.46e-05
1593	51	4.68e-03	0.08	-0.52	2.04e-03	-2.14e-04	2.64e-05
1593	70	0.05	0.05	-0.51	1.96e-03	-2.05e-04	2.96e-05
1593	81	0.03	0.07	-0.52	2.06e-03	-2.16e-04	2.51e-05
1593	83	5.00e-03	0.08	-0.52	2.03e-03	-2.13e-04	2.68e-05
1594	6	0.10	0.04	-0.53	2.00e-03	2.51e-04	8.68e-05
1594	17	0.05	0.09	-0.54	2.24e-03	3.04e-04	1.09e-04
1594	19	9.80e-04	0.10	-0.53	2.16e-03	3.16e-04	1.16e-04
1594	38	0.05	0.05	-0.52	1.98e-03	2.66e-04	9.43e-05
1594	49	0.03	0.08	-0.53	2.09e-03	2.91e-04	1.05e-04
1594	51	4.81e-03	0.08	-0.52	2.06e-03	2.96e-04	1.08e-04
1594	70	0.05	0.05	-0.52	1.98e-03	2.67e-04	9.49e-05
1594	81	0.03	0.08	-0.53	2.08e-03	2.90e-04	1.05e-04
1594	83	5.13e-03	0.08	-0.52	2.05e-03	2.95e-04	1.07e-04
1595	6	0.10	0.03	-0.51	2.04e-03	7.63e-04	1.57e-04
1595	17	0.05	0.08	-0.52	2.28e-03	8.22e-04	1.79e-04
1595	19	5.46e-04	0.10	-0.51	2.20e-03	8.02e-04	1.86e-04
1595	38	0.05	0.05	-0.50	2.02e-03	7.56e-04	1.64e-04
1595	49	0.03	0.07	-0.51	2.13e-03	7.84e-04	1.75e-04
1595	51	4.34e-03	0.08	-0.50	2.09e-03	7.74e-04	1.78e-04
1595	70	0.05	0.05	-0.50	2.01e-03	7.55e-04	1.65e-04
1595	81	0.03	0.07	-0.51	2.12e-03	7.81e-04	1.75e-04
1595	83	4.66e-03	0.08	-0.50	2.08e-03	7.72e-04	1.78e-04
1596	6	0.10	0.03	-0.47	2.10e-03	1.19e-03	2.34e-04
1596	17	0.05	0.08	-0.48	2.34e-03	1.28e-03	2.45e-04
1596	27	-0.04	0.09	-0.47	2.28e-03	1.26e-03	2.39e-04
1596	38	0.05	0.05	-0.46	2.08e-03	1.18e-03	2.31e-04
1596	49	0.03	0.07	-0.47	2.19e-03	1.22e-03	2.36e-04
1596	59	-0.01	0.08	-0.46	2.16e-03	1.21e-03	2.33e-04
1596	70	0.05	0.05	-0.46	2.08e-03	1.18e-03	2.31e-04
1596	81	0.03	0.07	-0.47	2.18e-03	1.22e-03	2.35e-04
1596	91	-0.01	0.07	-0.46	2.15e-03	1.21e-03	2.33e-04
1597	6	0.10	0.02	-0.41	2.19e-03	1.52e-03	2.99e-04
1597	17	0.05	0.07	-0.42	2.42e-03	1.63e-03	3.21e-04
1597	27	-0.04	0.09	-0.41	2.36e-03	1.61e-03	3.14e-04
1597	38	0.05	0.04	-0.41	2.17e-03	1.51e-03	2.96e-04
1597	49	0.03	0.06	-0.41	2.27e-03	1.57e-03	3.06e-04
1597	59	-0.02	0.07	-0.41	2.24e-03	1.56e-03	3.02e-04
1597	70	0.05	0.04	-0.41	2.16e-03	1.51e-03	2.95e-04
1597	81	0.02	0.06	-0.41	2.26e-03	1.56e-03	3.05e-04
1597	91	-0.01	0.07	-0.41	2.24e-03	1.55e-03	3.01e-04
1598	6	0.10	0.01	-0.34	2.31e-03	1.74e-03	3.30e-04
1598	25	8.86e-03	0.06	-0.36	2.55e-03	1.87e-03	3.51e-04
1598	27	-0.04	0.08	-0.35	2.47e-03	1.84e-03	3.43e-04
1598	38	0.05	0.03	-0.34	2.28e-03	1.73e-03	3.26e-04
1598	57	6.34e-03	0.05	-0.35	2.39e-03	1.79e-03	3.36e-04

1598	59	-0.02	0.06	-0.34	2.35e-03	1.78e-03	3.32e-04
1598	70	0.04	0.03	-0.34	2.27e-03	1.73e-03	3.26e-04
1598	89	6.12e-03	0.05	-0.34	2.38e-03	1.79e-03	3.35e-04
1598	91	-0.02	0.06	-0.34	2.34e-03	1.77e-03	3.32e-04
1599	6	0.09	2.44e-03	-0.27	2.42e-03	1.82e-03	3.43e-04
1599	25	6.69e-03	0.05	-0.29	2.66e-03	1.96e-03	3.61e-04
1599	27	-0.05	0.07	-0.28	2.58e-03	1.92e-03	3.53e-04
1599	38	0.05	0.02	-0.26	2.39e-03	1.81e-03	3.40e-04
1599	39	-0.04	0.05	-0.26	2.34e-03	1.79e-03	3.33e-04
1599	57	4.23e-03	0.04	-0.27	2.50e-03	1.87e-03	3.48e-04
1599	70	0.04	0.02	-0.26	2.39e-03	1.81e-03	3.39e-04
1599	71	-0.04	0.05	-0.26	2.34e-03	1.79e-03	3.33e-04
1599	89	4.01e-03	0.04	-0.27	2.49e-03	1.87e-03	3.47e-04
1600	7	-0.09	0.05	-0.18	2.23e-03	1.86e-03	3.18e-04
1600	25	5.26e-03	0.04	-0.20	2.57e-03	2.04e-03	3.48e-04
1600	27	-0.05	0.05	-0.19	2.49e-03	2.00e-03	3.40e-04
1600	39	-0.04	0.04	-0.18	2.26e-03	1.87e-03	3.22e-04
1600	57	2.57e-03	0.03	-0.19	2.42e-03	1.96e-03	3.36e-04
1600	59	-0.02	0.04	-0.19	2.38e-03	1.94e-03	3.32e-04
1600	71	-0.04	0.04	-0.18	2.26e-03	1.87e-03	3.22e-04
1600	89	2.34e-03	0.03	-0.19	2.41e-03	1.95e-03	3.35e-04
1600	91	-0.02	0.04	-0.19	2.38e-03	1.93e-03	3.32e-04
1601	6	0.09	-2.68e-03	-0.23	2.29e-03	1.89e-03	3.25e-04
1601	25	6.40e-03	0.05	-0.24	2.52e-03	2.03e-03	3.38e-04
1601	27	-0.05	0.06	-0.23	2.44e-03	1.99e-03	3.31e-04
1601	38	0.04	0.01	-0.23	2.26e-03	1.88e-03	3.22e-04
1601	57	3.69e-03	0.04	-0.23	2.37e-03	1.94e-03	3.28e-04
1601	59	-0.02	0.04	-0.23	2.33e-03	1.92e-03	3.25e-04
1601	70	0.04	0.01	-0.23	2.26e-03	1.88e-03	3.22e-04
1601	89	3.45e-03	0.04	-0.23	2.36e-03	1.94e-03	3.27e-04
1601	91	-0.02	0.04	-0.23	2.32e-03	1.92e-03	3.24e-04
1602	6	0.09	2.64e-03	-0.27	2.23e-03	1.83e-03	3.24e-04
1602	17	0.05	0.05	-0.28	2.44e-03	1.96e-03	3.41e-04
1602	27	-0.04	0.07	-0.27	2.38e-03	1.93e-03	3.35e-04
1602	38	0.05	0.02	-0.26	2.20e-03	1.82e-03	3.21e-04
1602	49	0.02	0.04	-0.27	2.30e-03	1.88e-03	3.29e-04
1602	59	-0.02	0.05	-0.27	2.27e-03	1.87e-03	3.27e-04
1602	70	0.04	0.02	-0.26	2.20e-03	1.82e-03	3.21e-04
1602	81	0.02	0.04	-0.27	2.29e-03	1.87e-03	3.28e-04
1602	91	-0.02	0.05	-0.27	2.26e-03	1.86e-03	3.26e-04
1603	6	0.10	7.66e-03	-0.31	2.17e-03	1.73e-03	2.98e-04
1603	17	0.05	0.06	-0.31	2.38e-03	1.86e-03	3.07e-04
1603	27	-0.04	0.07	-0.31	2.33e-03	1.83e-03	3.01e-04
1603	38	0.05	0.02	-0.30	2.14e-03	1.72e-03	2.95e-04
1603	49	0.02	0.05	-0.31	2.24e-03	1.78e-03	2.99e-04
1603	59	-0.02	0.05	-0.30	2.21e-03	1.77e-03	2.96e-04
1603	70	0.04	0.03	-0.30	2.14e-03	1.72e-03	2.95e-04
1603	81	0.02	0.05	-0.31	2.23e-03	1.78e-03	2.98e-04
1603	91	-0.02	0.05	-0.30	2.20e-03	1.77e-03	2.96e-04
1604	6	0.10	0.01	-0.34	2.11e-03	1.60e-03	2.81e-04
1604	17	0.05	0.06	-0.35	2.33e-03	1.72e-03	2.92e-04
1604	27	-0.04	0.08	-0.34	2.28e-03	1.69e-03	2.86e-04
1604	38	0.05	0.03	-0.34	2.08e-03	1.59e-03	2.78e-04
1604	49	0.02	0.05	-0.34	2.19e-03	1.64e-03	2.83e-04
1604	59	-0.02	0.06	-0.34	2.16e-03	1.63e-03	2.80e-04
1604	70	0.04	0.03	-0.34	2.08e-03	1.59e-03	2.78e-04
1604	81	0.02	0.05	-0.34	2.18e-03	1.64e-03	2.83e-04
1604	91	-0.02	0.06	-0.34	2.15e-03	1.63e-03	2.80e-04
1605	6	0.10	0.02	-0.37	2.06e-03	1.43e-03	2.63e-04
1605	17	0.05	0.07	-0.38	2.29e-03	1.54e-03	2.75e-04
1605	27	-0.04	0.08	-0.38	2.24e-03	1.52e-03	2.69e-04
1605	38	0.05	0.03	-0.37	2.03e-03	1.42e-03	2.60e-04
1605	49	0.03	0.06	-0.37	2.14e-03	1.47e-03	2.65e-04
1605	59	-0.02	0.06	-0.37	2.12e-03	1.46e-03	2.63e-04
1605	70	0.05	0.03	-0.37	2.03e-03	1.42e-03	2.60e-04
1605	81	0.02	0.05	-0.37	2.13e-03	1.47e-03	2.65e-04
1605	91	-0.02	0.06	-0.37	2.11e-03	1.46e-03	2.62e-04
1606	6	0.10	0.02	-0.40	2.02e-03	1.24e-03	2.26e-04
1606	25	0.01	0.07	-0.41	2.28e-03	1.35e-03	2.33e-04
1606	27	-0.04	0.08	-0.40	2.20e-03	1.32e-03	2.28e-04
1606	38	0.05	0.04	-0.40	1.99e-03	1.23e-03	2.23e-04
1606	57	8.43e-03	0.06	-0.40	2.11e-03	1.28e-03	2.27e-04
1606	59	-0.02	0.07	-0.40	2.08e-03	1.27e-03	2.24e-04
1606	70	0.05	0.04	-0.39	1.99e-03	1.23e-03	2.23e-04
1606	89	8.19e-03	0.06	-0.40	2.10e-03	1.28e-03	2.26e-04
1606	91	-0.01	0.06	-0.40	2.07e-03	1.26e-03	2.24e-04
1607	6	0.10	0.02	-0.42	1.98e-03	1.03e-03	2.00e-04

1607	25	0.01	0.07	-0.44	2.25e-03	1.11e-03	2.06e-04
1607	27	-0.04	0.09	-0.43	2.17e-03	1.09e-03	2.01e-04
1607	38	0.05	0.04	-0.42	1.96e-03	1.02e-03	1.97e-04
1607	57	9.06e-03	0.06	-0.42	2.08e-03	1.06e-03	2.00e-04
1607	59	-0.02	0.07	-0.42	2.04e-03	1.05e-03	1.98e-04
1607	70	0.05	0.04	-0.42	1.95e-03	1.02e-03	1.97e-04
1607	89	8.82e-03	0.06	-0.42	2.07e-03	1.05e-03	2.00e-04
1607	91	-0.01	0.07	-0.42	2.03e-03	1.04e-03	1.97e-04
1608	6	0.10	0.03	-0.44	1.95e-03	7.26e-04	1.53e-04
1608	19	-1.47e-03	0.09	-0.45	2.12e-03	8.56e-04	1.73e-04
1608	25	0.01	0.07	-0.46	2.22e-03	8.40e-04	1.68e-04
1608	38	0.05	0.04	-0.44	1.93e-03	7.55e-04	1.58e-04
1608	51	2.55e-03	0.07	-0.44	2.00e-03	8.17e-04	1.68e-04
1608	57	9.55e-03	0.06	-0.44	2.05e-03	8.09e-04	1.65e-04
1608	70	0.05	0.04	-0.43	1.92e-03	7.58e-04	1.59e-04
1608	83	2.89e-03	0.07	-0.44	2.00e-03	8.14e-04	1.67e-04
1608	89	9.30e-03	0.06	-0.44	2.04e-03	8.07e-04	1.65e-04
1609	6	0.10	0.03	-0.45	1.93e-03	4.99e-04	1.28e-04
1609	19	-1.18e-03	0.09	-0.46	2.10e-03	5.94e-04	1.31e-04
1609	25	0.01	0.08	-0.47	2.20e-03	5.81e-04	1.34e-04
1609	38	0.05	0.04	-0.45	1.90e-03	5.22e-04	1.27e-04
1609	51	2.86e-03	0.07	-0.45	1.98e-03	5.67e-04	1.28e-04
1609	57	9.88e-03	0.07	-0.46	2.03e-03	5.60e-04	1.29e-04
1609	70	0.05	0.04	-0.45	1.90e-03	5.23e-04	1.26e-04
1609	83	3.19e-03	0.07	-0.45	1.97e-03	5.65e-04	1.28e-04
1609	89	9.64e-03	0.07	-0.46	2.02e-03	5.59e-04	1.29e-04
1610	6	0.10	0.03	-0.46	1.91e-03	2.63e-04	8.56e-05
1610	19	-1.04e-03	0.09	-0.47	2.08e-03	3.26e-04	1.06e-04
1610	25	0.01	0.08	-0.48	2.18e-03	3.15e-04	1.02e-04
1610	38	0.05	0.04	-0.45	1.89e-03	2.79e-04	9.09e-05
1610	51	3.01e-03	0.07	-0.46	1.97e-03	3.09e-04	1.01e-04
1610	57	0.01	0.07	-0.46	2.02e-03	3.03e-04	9.87e-05
1610	70	0.05	0.05	-0.45	1.89e-03	2.80e-04	9.14e-05
1610	83	3.35e-03	0.07	-0.46	1.96e-03	3.07e-04	1.00e-04
1610	89	9.81e-03	0.07	-0.46	2.00e-03	3.03e-04	9.85e-05
1611	6	0.10	0.03	-0.46	1.90e-03	2.01e-05	5.26e-05
1611	19	-1.05e-03	0.09	-0.47	2.07e-03	6.62e-05	6.73e-05
1611	25	0.01	0.08	-0.48	2.17e-03	5.79e-05	6.52e-05
1611	38	0.05	0.04	-0.46	1.88e-03	3.23e-05	5.60e-05
1611	51	3.01e-03	0.07	-0.46	1.96e-03	5.38e-05	6.30e-05
1611	57	0.01	0.07	-0.46	2.01e-03	4.99e-05	6.20e-05
1611	70	0.05	0.05	-0.45	1.88e-03	3.32e-05	5.63e-05
1611	83	3.34e-03	0.07	-0.46	1.95e-03	5.29e-05	6.26e-05
1611	89	9.82e-03	0.07	-0.46	1.99e-03	4.93e-05	6.17e-05
1612	6	0.10	0.03	-0.46	1.90e-03	-2.11e-04	1.96e-05
1612	19	-1.22e-03	0.09	-0.46	2.06e-03	-2.31e-04	1.07e-05
1612	25	0.01	0.08	-0.48	2.16e-03	-2.44e-04	6.27e-06
1612	38	0.05	0.04	-0.45	1.88e-03	-2.08e-04	2.01e-05
1612	51	2.85e-03	0.07	-0.45	1.95e-03	-2.17e-04	1.60e-05
1612	57	9.92e-03	0.07	-0.46	2.00e-03	-2.23e-04	1.39e-05
1612	70	0.05	0.04	-0.45	1.88e-03	-2.07e-04	2.02e-05
1612	83	3.18e-03	0.07	-0.45	1.95e-03	-2.16e-04	1.64e-05
1612	89	9.67e-03	0.07	-0.46	1.99e-03	-2.22e-04	1.45e-05
1613	6	0.10	0.03	-0.44	1.90e-03	-4.51e-04	-1.11e-05
1613	19	-1.54e-03	0.09	-0.45	2.06e-03	-4.90e-04	-2.58e-05
1613	25	0.01	0.08	-0.46	2.16e-03	-5.08e-04	-3.19e-05
1613	38	0.05	0.04	-0.44	1.88e-03	-4.49e-04	-1.09e-05
1613	51	2.53e-03	0.07	-0.44	1.96e-03	-4.76e-04	-1.77e-05
1613	57	9.62e-03	0.07	-0.45	2.00e-03	-4.76e-04	-2.06e-05
1613	70	0.05	0.04	-0.44	1.88e-03	-4.49e-04	-1.08e-05
1613	83	2.87e-03	0.07	-0.44	1.95e-03	-4.65e-04	-1.71e-05
1613	89	9.37e-03	0.06	-0.45	1.99e-03	-4.73e-04	-1.98e-05
1614	6	0.10	0.02	-0.43	1.91e-03	-6.82e-04	-3.91e-05
1614	19	-2.01e-03	0.09	-0.44	2.06e-03	-7.39e-04	-4.90e-05
1614	25	0.01	0.07	-0.45	2.16e-03	-7.63e-04	-5.23e-05
1614	38	0.05	0.04	-0.42	1.89e-03	-6.80e-04	-3.93e-05
1614	51	2.07e-03	0.07	-0.43	1.96e-03	-7.06e-04	-4.40e-05
1614	57	9.16e-03	0.06	-0.43	2.01e-03	-7.18e-04	-4.55e-05
1614	70	0.05	0.04	-0.42	1.89e-03	-6.79e-04	-3.93e-05
1614	83	2.41e-03	0.07	-0.43	1.95e-03	-7.04e-04	-4.36e-05
1614	89	8.91e-03	0.06	-0.43	1.99e-03	-7.14e-04	-4.50e-05
1615	6	0.10	0.02	-0.41	1.92e-03	-8.97e-04	-7.63e-05
1615	19	-2.62e-03	0.09	-0.42	2.07e-03	-9.67e-04	-9.51e-05
1615	25	0.01	0.07	-0.43	2.16e-03	-9.97e-04	-1.01e-04
1615	38	0.05	0.04	-0.40	1.90e-03	-8.94e-04	-7.68e-05
1615	51	1.47e-03	0.07	-0.41	1.97e-03	-9.27e-04	-8.56e-05
1615	57	8.56e-03	0.06	-0.41	2.01e-03	-9.41e-04	-8.85e-05

1615	70	0.05	0.04	-0.40	1.90e-03	-8.93e-04	-7.68e-05
1615	83	1.81e-03	0.07	-0.41	1.96e-03	-9.23e-04	-8.49e-05
1615	89	8.31e-03	0.06	-0.41	2.00e-03	-9.37e-04	-8.75e-05
1616	6	0.10	0.02	-0.38	1.94e-03	-1.09e-03	-9.78e-05
1616	19	-3.36e-03	0.08	-0.39	2.08e-03	-1.17e-03	-1.23e-04
1616	25	0.01	0.07	-0.40	2.17e-03	-1.21e-03	-1.31e-04
1616	38	0.05	0.03	-0.38	1.92e-03	-1.09e-03	-9.84e-05
1616	51	7.33e-04	0.06	-0.38	1.98e-03	-1.13e-03	-1.10e-04
1616	57	7.82e-03	0.06	-0.39	2.02e-03	-1.14e-03	-1.14e-04
1616	70	0.05	0.03	-0.38	1.92e-03	-1.09e-03	-9.85e-05
1616	83	1.07e-03	0.06	-0.38	1.97e-03	-1.12e-03	-1.09e-04
1616	89	7.58e-03	0.06	-0.38	2.01e-03	-1.14e-03	-1.13e-04
1617	6	0.10	0.01	-0.35	1.96e-03	-1.26e-03	-1.20e-04
1617	19	-4.21e-03	0.08	-0.36	2.09e-03	-1.35e-03	-1.34e-04
1617	25	9.89e-03	0.06	-0.37	2.17e-03	-1.40e-03	-1.39e-04
1617	38	0.05	0.03	-0.35	1.94e-03	-1.26e-03	-1.20e-04
1617	51	-1.14e-04	0.06	-0.35	2.00e-03	-1.30e-03	-1.26e-04
1617	57	6.98e-03	0.05	-0.36	2.04e-03	-1.32e-03	-1.29e-04
1617	70	0.04	0.03	-0.35	1.93e-03	-1.26e-03	-1.20e-04
1617	83	2.26e-04	0.06	-0.35	1.99e-03	-1.26e-03	-1.20e-04
1617	89	6.73e-03	0.05	-0.35	2.03e-03	-1.31e-03	-1.28e-04
1618	6	0.10	8.80e-03	-0.32	1.98e-03	-1.40e-03	-1.45e-04
1618	19	-5.15e-03	0.07	-0.32	2.10e-03	-1.50e-03	-1.67e-04
1618	25	8.94e-03	0.06	-0.33	2.18e-03	-1.54e-03	-1.75e-04
1618	38	0.05	0.02	-0.32	1.95e-03	-1.40e-03	-1.45e-04
1618	51	-1.06e-03	0.06	-0.32	2.01e-03	-1.44e-03	-1.56e-04
1618	57	6.03e-03	0.05	-0.32	2.05e-03	-1.46e-03	-1.59e-04
1618	70	0.04	0.03	-0.32	1.95e-03	-1.40e-03	-1.45e-04
1618	83	-7.17e-04	0.05	-0.32	2.00e-03	-1.44e-03	-1.55e-04
1618	89	5.78e-03	0.05	-0.32	2.04e-03	-1.46e-03	-1.58e-04
1619	6	0.09	3.99e-03	-0.28	2.00e-03	-1.51e-03	-1.55e-04
1619	17	0.05	0.06	-0.29	2.17e-03	-1.64e-03	-1.77e-04
1619	19	-6.17e-03	0.07	-0.29	2.10e-03	-1.72e-03	-1.72e-04
1619	38	0.05	0.02	-0.28	1.97e-03	-1.50e-03	-1.54e-04
1619	49	0.02	0.04	-0.28	2.05e-03	-1.56e-03	-1.65e-04
1619	51	-2.08e-03	0.05	-0.28	2.02e-03	-1.55e-03	-1.63e-04
1619	70	0.04	0.02	-0.28	1.97e-03	-1.50e-03	-1.54e-04
1619	81	0.02	0.04	-0.28	2.04e-03	-1.56e-03	-1.64e-04
1619	83	-1.74e-03	0.05	-0.28	2.02e-03	-1.54e-03	-1.62e-04
1620	6	0.09	-1.06e-03	-0.25	2.01e-03	-1.57e-03	-1.49e-04
1620	17	0.04	0.05	-0.25	2.17e-03	-1.71e-03	-1.78e-04
1620	19	-7.24e-03	0.06	-0.25	2.11e-03	-1.67e-03	-1.82e-04
1620	38	0.04	0.01	-0.24	1.98e-03	-1.56e-03	-1.56e-04
1620	49	0.02	0.04	-0.25	2.06e-03	-1.62e-03	-1.70e-04
1620	51	-3.14e-03	0.05	-0.24	2.03e-03	-1.61e-03	-1.72e-04
1620	70	0.04	0.02	-0.24	1.98e-03	-1.56e-03	-1.57e-04
1620	81	0.02	0.04	-0.24	2.05e-03	-1.62e-03	-1.69e-04
1620	83	-2.80e-03	0.04	-0.24	2.02e-03	-1.60e-03	-1.71e-04
1621	7	-0.09	0.05	-0.20	1.92e-03	-1.67e-03	-1.82e-04
1621	17	0.04	0.05	-0.21	2.16e-03	-1.68e-03	-1.88e-04
1621	19	-8.30e-03	0.06	-0.21	2.10e-03	-1.72e-03	-1.93e-04
1621	39	-0.04	0.04	-0.20	1.94e-03	-1.62e-03	-1.73e-04
1621	49	0.02	0.03	-0.21	2.05e-03	-1.62e-03	-1.76e-04
1621	51	-4.22e-03	0.04	-0.20	2.03e-03	-1.64e-03	-1.78e-04
1621	71	-0.04	0.04	-0.20	1.94e-03	-1.61e-03	-1.73e-04
1621	81	0.02	0.03	-0.21	2.05e-03	-1.61e-03	-1.75e-04
1621	83	-3.88e-03	0.04	-0.20	2.02e-03	-1.63e-03	-1.77e-04
1622	7	-0.09	0.05	-0.16	1.89e-03	-1.64e-03	-1.78e-04
1622	19	-9.34e-03	0.05	-0.17	2.07e-03	-1.68e-03	-1.83e-04
1622	25	4.62e-03	0.04	-0.17	2.14e-03	-1.65e-03	-1.80e-04
1622	39	-0.05	0.03	-0.16	1.92e-03	-1.58e-03	-1.71e-04
1622	51	-5.27e-03	0.03	-0.17	2.00e-03	-1.60e-03	-1.73e-04
1622	57	1.76e-03	0.03	-0.17	2.03e-03	-1.59e-03	-1.72e-04
1622	71	-0.04	0.03	-0.16	1.92e-03	-1.58e-03	-1.70e-04
1622	83	-4.93e-03	0.03	-0.17	1.99e-03	-1.59e-03	-1.73e-04
1622	89	1.51e-03	0.03	-0.17	2.03e-03	-1.58e-03	-1.71e-04
1623	7	-0.09	0.04	-0.11	2.03e-03	1.89e-03	3.30e-04
1623	17	0.04	0.03	-0.12	2.31e-03	2.07e-03	3.54e-04
1623	27	-0.05	0.04	-0.11	2.26e-03	2.04e-03	3.48e-04
1623	39	-0.05	0.03	-0.11	2.05e-03	1.90e-03	3.34e-04
1623	49	0.02	0.02	-0.11	2.19e-03	1.99e-03	3.45e-04
1623	59	-0.02	0.03	-0.11	2.16e-03	1.97e-03	3.42e-04
1623	71	-0.04	0.03	-0.11	2.06e-03	1.90e-03	3.34e-04
1623	81	0.02	0.02	-0.11	2.18e-03	1.98e-03	3.44e-04
1623	91	-0.02	0.03	-0.11	2.15e-03	1.97e-03	3.42e-04
1624	7	-0.09	0.05	-0.15	2.28e-03	1.91e-03	3.24e-04
1624	17	0.04	0.04	-0.16	2.26e-03	2.09e-03	3.53e-04

1624	27	-0.05	0.05	-0.16	2.36e-03	2.06e-03	3.48e-04
1624	39	-0.04	0.03	-0.15	2.18e-03	1.92e-03	3.26e-04
1624	49	0.02	0.03	-0.15	2.17e-03	2.00e-03	3.40e-04
1624	59	-0.02	0.03	-0.15	2.22e-03	1.99e-03	3.37e-04
1624	71	-0.04	0.03	-0.15	2.18e-03	1.92e-03	3.26e-04
1624	81	0.02	0.03	-0.15	2.17e-03	2.00e-03	3.39e-04
1624	91	-0.02	0.03	-0.15	2.21e-03	1.99e-03	3.37e-04
1625	6	0.09	-6.91e-03	-0.20	1.86e-03	1.90e-03	3.28e-04
1625	25	6.27e-03	0.04	-0.20	2.26e-03	2.06e-03	3.59e-04
1625	27	-0.05	0.06	-0.20	2.34e-03	2.02e-03	3.52e-04
1625	38	0.04	9.16e-03	-0.19	1.97e-03	1.89e-03	3.26e-04
1625	57	3.33e-03	0.03	-0.20	2.16e-03	1.96e-03	3.41e-04
1625	59	-0.02	0.04	-0.19	2.19e-03	1.94e-03	3.38e-04
1625	70	0.04	0.01	-0.19	1.97e-03	1.89e-03	3.26e-04
1625	89	3.09e-03	0.03	-0.20	2.15e-03	1.96e-03	3.40e-04
1625	91	-0.02	0.04	-0.19	2.18e-03	1.94e-03	3.37e-04
1626	6	0.09	-1.67e-03	-0.23	2.07e-03	1.80e-03	3.02e-04
1626	25	7.38e-03	0.05	-0.24	2.31e-03	1.96e-03	3.13e-04
1626	27	-0.04	0.06	-0.24	2.23e-03	1.92e-03	3.06e-04
1626	38	0.05	0.01	-0.23	2.04e-03	1.79e-03	2.98e-04
1626	57	4.42e-03	0.04	-0.24	2.15e-03	1.87e-03	3.04e-04
1626	59	-0.02	0.04	-0.23	2.12e-03	1.85e-03	3.00e-04
1626	70	0.04	0.02	-0.23	2.04e-03	1.79e-03	2.98e-04
1626	89	4.16e-03	0.04	-0.24	2.14e-03	1.86e-03	3.03e-04
1626	91	-0.02	0.04	-0.23	2.11e-03	1.84e-03	3.00e-04
1627	6	0.09	3.19e-03	-0.27	2.02e-03	1.66e-03	2.96e-04
1627	25	8.40e-03	0.05	-0.28	2.27e-03	1.81e-03	3.12e-04
1627	27	-0.04	0.07	-0.28	2.19e-03	1.77e-03	3.06e-04
1627	38	0.05	0.02	-0.27	1.99e-03	1.65e-03	2.93e-04
1627	57	5.42e-03	0.04	-0.27	2.11e-03	1.72e-03	3.01e-04
1627	59	-0.02	0.05	-0.27	2.07e-03	1.70e-03	2.98e-04
1627	70	0.04	0.02	-0.27	1.99e-03	1.65e-03	2.93e-04
1627	89	5.16e-03	0.04	-0.27	2.10e-03	1.71e-03	3.00e-04
1627	91	-0.02	0.05	-0.27	2.06e-03	1.70e-03	2.97e-04
1628	6	0.10	7.56e-03	-0.30	1.97e-03	1.49e-03	2.65e-04
1628	25	9.32e-03	0.06	-0.32	2.23e-03	1.62e-03	2.77e-04
1628	27	-0.04	0.07	-0.31	2.15e-03	1.59e-03	2.71e-04
1628	38	0.05	0.02	-0.30	1.94e-03	1.48e-03	2.62e-04
1628	57	6.31e-03	0.05	-0.31	2.07e-03	1.54e-03	2.68e-04
1628	59	-0.02	0.05	-0.31	2.03e-03	1.53e-03	2.65e-04
1628	70	0.04	0.02	-0.30	1.94e-03	1.48e-03	2.62e-04
1628	89	6.06e-03	0.05	-0.31	2.05e-03	1.54e-03	2.67e-04
1628	91	-0.02	0.05	-0.31	2.02e-03	1.52e-03	2.64e-04
1629	6	0.10	0.01	-0.33	1.92e-03	1.29e-03	2.34e-04
1629	25	0.01	0.06	-0.35	2.19e-03	1.40e-03	2.42e-04
1629	27	-0.04	0.07	-0.35	2.12e-03	1.37e-03	2.36e-04
1629	38	0.05	0.03	-0.33	1.90e-03	1.28e-03	2.31e-04
1629	57	7.08e-03	0.05	-0.34	2.03e-03	1.34e-03	2.34e-04
1629	59	-0.02	0.06	-0.34	1.99e-03	1.32e-03	2.32e-04
1629	70	0.04	0.03	-0.33	1.90e-03	1.28e-03	2.30e-04
1629	89	6.83e-03	0.05	-0.34	2.01e-03	1.33e-03	2.34e-04
1629	91	-0.02	0.06	-0.34	1.98e-03	1.32e-03	2.31e-04
1630	6	0.10	0.01	-0.36	1.89e-03	9.78e-04	1.89e-04
1630	25	0.01	0.06	-0.38	2.16e-03	1.13e-03	2.08e-04
1630	27	-0.04	0.08	-0.37	2.08e-03	1.16e-03	2.14e-04
1630	38	0.05	0.03	-0.35	1.86e-03	1.02e-03	1.95e-04
1630	57	7.72e-03	0.05	-0.36	1.99e-03	1.09e-03	2.04e-04
1630	59	-0.02	0.06	-0.36	1.96e-03	1.10e-03	2.07e-04
1630	70	0.04	0.03	-0.35	1.86e-03	1.02e-03	1.96e-04
1630	89	7.46e-03	0.05	-0.36	1.98e-03	1.09e-03	2.04e-04
1630	91	-0.02	0.06	-0.36	1.95e-03	1.10e-03	2.06e-04
1631	6	0.10	0.02	-0.37	1.86e-03	7.53e-04	1.54e-04
1631	25	0.01	0.07	-0.40	2.13e-03	8.72e-04	1.69e-04
1631	27	-0.04	0.08	-0.39	2.06e-03	8.95e-04	1.74e-04
1631	38	0.05	0.03	-0.37	1.83e-03	7.85e-04	1.59e-04
1631	57	8.20e-03	0.06	-0.38	1.96e-03	8.41e-04	1.67e-04
1631	59	-0.02	0.06	-0.38	1.93e-03	8.52e-04	1.69e-04
1631	70	0.05	0.03	-0.37	1.83e-03	7.87e-04	1.60e-04
1631	89	7.94e-03	0.06	-0.38	1.95e-03	8.39e-04	1.66e-04
1631	91	-0.01	0.06	-0.38	1.92e-03	8.49e-04	1.68e-04
1632	6	0.10	0.02	-0.39	1.83e-03	5.18e-04	1.27e-04
1632	19	-3.10e-03	0.08	-0.40	2.01e-03	6.16e-04	1.31e-04
1632	25	0.01	0.07	-0.41	2.11e-03	6.00e-04	1.34e-04
1632	38	0.05	0.03	-0.38	1.81e-03	5.42e-04	1.26e-04
1632	57	8.53e-03	0.06	-0.40	1.94e-03	5.81e-04	1.29e-04
1632	59	-0.02	0.06	-0.39	1.91e-03	5.90e-04	1.28e-04
1632	70	0.05	0.04	-0.38	1.81e-03	5.43e-04	1.26e-04

1632	89	8.27e-03	0.06	-0.40	1.93e-03	5.79e-04	1.29e-04
1632	91	-0.01	0.06	-0.39	1.90e-03	5.87e-04	1.27e-04
1633	6	0.10	0.02	-0.39	1.82e-03	2.73e-04	8.20e-05
1633	19	-2.97e-03	0.08	-0.41	1.99e-03	3.36e-04	1.02e-04
1633	25	0.01	0.07	-0.42	2.10e-03	3.22e-04	9.88e-05
1633	38	0.05	0.04	-0.39	1.80e-03	2.90e-04	8.69e-05
1633	51	1.30e-03	0.07	-0.40	1.88e-03	3.20e-04	9.65e-05
1633	57	8.69e-03	0.06	-0.41	1.93e-03	3.13e-04	9.49e-05
1633	70	0.05	0.04	-0.39	1.79e-03	2.91e-04	8.73e-05
1633	83	1.65e-03	0.06	-0.40	1.87e-03	3.18e-04	9.60e-05
1633	89	8.43e-03	0.06	-0.40	1.91e-03	3.12e-04	9.46e-05
1634	6	0.10	0.02	-0.40	1.81e-03	3.16e-05	5.44e-05
1634	19	-3.00e-03	0.08	-0.41	1.98e-03	3.33e-05	5.98e-05
1634	25	0.01	0.07	-0.42	2.09e-03	1.91e-05	6.28e-05
1634	38	0.05	0.04	-0.39	1.79e-03	3.90e-05	5.38e-05
1634	51	1.28e-03	0.07	-0.40	1.87e-03	4.00e-05	5.64e-05
1634	57	8.68e-03	0.06	-0.41	1.92e-03	3.33e-05	5.78e-05
1634	70	0.05	0.04	-0.39	1.79e-03	3.95e-05	5.38e-05
1634	83	1.63e-03	0.06	-0.40	1.86e-03	4.05e-05	5.61e-05
1634	89	8.42e-03	0.06	-0.41	1.91e-03	3.44e-05	5.74e-05
1635	6	0.10	0.02	-0.39	1.81e-03	-2.19e-04	2.05e-05
1635	19	-3.18e-03	0.08	-0.41	1.98e-03	-2.43e-04	1.28e-05
1635	25	0.01	0.07	-0.42	2.08e-03	-2.59e-04	8.68e-06
1635	38	0.05	0.03	-0.39	1.79e-03	-2.15e-04	2.11e-05
1635	51	1.10e-03	0.07	-0.40	1.87e-03	-2.26e-04	1.75e-05
1635	57	8.50e-03	0.06	-0.40	1.92e-03	-2.34e-04	1.56e-05
1635	70	0.05	0.04	-0.39	1.79e-03	-2.15e-04	2.12e-05
1635	83	1.45e-03	0.06	-0.40	1.86e-03	-2.25e-04	1.78e-05
1635	89	8.24e-03	0.06	-0.40	1.90e-03	-2.32e-04	1.61e-05
1636	6	0.10	0.02	-0.38	1.81e-03	-4.64e-04	-1.81e-05
1636	19	-3.53e-03	0.08	-0.40	1.98e-03	-5.12e-04	-3.25e-05
1636	25	0.01	0.07	-0.41	2.08e-03	-5.33e-04	-3.80e-05
1636	38	0.05	0.03	-0.38	1.79e-03	-4.63e-04	-1.80e-05
1636	51	7.53e-04	0.06	-0.39	1.87e-03	-4.85e-04	-2.48e-05
1636	57	8.16e-03	0.06	-0.39	1.92e-03	-4.95e-04	-2.74e-05
1636	70	0.05	0.03	-0.38	1.79e-03	-4.62e-04	-1.80e-05
1636	83	1.11e-03	0.06	-0.39	1.86e-03	-4.83e-04	-2.42e-05
1636	89	7.90e-03	0.06	-0.39	1.91e-03	-4.92e-04	-2.66e-05
1637	6	0.10	0.02	-0.37	1.82e-03	-7.01e-04	-4.93e-05
1637	19	-4.03e-03	0.08	-0.38	1.99e-03	-7.70e-04	-6.02e-05
1637	25	0.01	0.07	-0.39	2.08e-03	-7.98e-04	-6.36e-05
1637	38	0.05	0.03	-0.36	1.80e-03	-7.00e-04	-4.96e-05
1637	51	2.57e-04	0.06	-0.37	1.88e-03	-7.32e-04	-5.47e-05
1637	57	7.67e-03	0.05	-0.37	1.92e-03	-7.45e-04	-5.63e-05
1637	70	0.04	0.03	-0.36	1.80e-03	-6.99e-04	-4.96e-05
1637	83	6.11e-04	0.06	-0.37	1.87e-03	-7.29e-04	-5.42e-05
1637	89	7.41e-03	0.05	-0.37	1.91e-03	-7.41e-04	-5.57e-05
1638	6	0.10	0.01	-0.34	1.84e-03	-9.22e-04	-6.72e-05
1638	19	-4.67e-03	0.08	-0.36	1.99e-03	-1.01e-03	-8.26e-05
1638	25	0.01	0.06	-0.37	2.08e-03	-1.04e-03	-8.14e-05
1638	38	0.05	0.03	-0.34	1.82e-03	-9.20e-04	-7.05e-05
1638	51	-3.85e-04	0.06	-0.35	1.89e-03	-9.61e-04	-7.77e-05
1638	57	7.02e-03	0.05	-0.35	1.94e-03	-9.78e-04	-7.71e-05
1638	70	0.04	0.03	-0.34	1.82e-03	-9.20e-04	-7.07e-05
1638	83	-3.03e-05	0.06	-0.35	1.88e-03	-9.58e-04	-7.73e-05
1638	89	6.76e-03	0.05	-0.35	1.92e-03	-9.73e-04	-7.68e-05
1639	6	0.09	8.81e-03	-0.32	1.86e-03	-1.12e-03	-1.10e-04
1639	19	-5.45e-03	0.07	-0.33	2.00e-03	-1.22e-03	-1.37e-04
1639	25	9.33e-03	0.06	-0.34	2.09e-03	-1.26e-03	-1.45e-04
1639	38	0.05	0.02	-0.32	1.84e-03	-1.12e-03	-1.11e-04
1639	51	-1.16e-03	0.05	-0.32	1.91e-03	-1.16e-03	-1.23e-04
1639	57	6.24e-03	0.05	-0.33	1.95e-03	-1.18e-03	-1.27e-04
1639	70	0.04	0.03	-0.32	1.84e-03	-1.12e-03	-1.11e-04
1639	83	-8.04e-04	0.05	-0.32	1.90e-03	-1.16e-03	-1.22e-04
1639	89	5.98e-03	0.05	-0.32	1.94e-03	-1.18e-03	-1.26e-04
1640	6	0.09	4.72e-03	-0.29	1.88e-03	-1.29e-03	-1.29e-04
1640	19	-6.34e-03	0.07	-0.30	2.01e-03	-1.40e-03	-1.42e-04
1640	25	8.42e-03	0.06	-0.31	2.10e-03	-1.45e-03	-1.47e-04
1640	38	0.05	0.02	-0.29	1.86e-03	-1.29e-03	-1.29e-04
1640	51	-2.05e-03	0.05	-0.29	1.92e-03	-1.34e-03	-1.35e-04
1640	57	5.35e-03	0.04	-0.29	1.96e-03	-1.37e-03	-1.37e-04
1640	70	0.04	0.02	-0.29	1.86e-03	-1.29e-03	-1.29e-04
1640	83	-1.70e-03	0.05	-0.29	1.92e-03	-1.34e-03	-1.34e-04
1640	89	5.09e-03	0.04	-0.29	1.95e-03	-1.36e-03	-1.37e-04
1641	6	0.09	1.73e-04	-0.25	1.90e-03	-1.46e-03	-1.46e-04
1641	19	-7.33e-03	0.06	-0.26	2.02e-03	-1.54e-03	-1.81e-04
1641	25	7.43e-03	0.05	-0.27	2.10e-03	-1.59e-03	-1.92e-04

1641	38	0.05	0.02	-0.25	1.88e-03	-1.42e-03	-1.47e-04
1641	51	-3.04e-03	0.05	-0.26	1.94e-03	-1.48e-03	-1.63e-04
1641	57	4.35e-03	0.04	-0.26	1.97e-03	-1.50e-03	-1.68e-04
1641	70	0.04	0.02	-0.25	1.88e-03	-1.42e-03	-1.47e-04
1641	83	-2.69e-03	0.04	-0.26	1.93e-03	-1.47e-03	-1.62e-04
1641	89	4.09e-03	0.04	-0.26	1.96e-03	-1.49e-03	-1.67e-04
1642	6	0.09	-4.72e-03	-0.22	1.92e-03	-1.52e-03	-1.59e-04
1642	19	-8.41e-03	0.06	-0.22	2.02e-03	-1.65e-03	-1.76e-04
1642	25	6.35e-03	0.05	-0.23	2.10e-03	-1.70e-03	-1.82e-04
1642	38	0.04	0.01	-0.22	1.89e-03	-1.52e-03	-1.59e-04
1642	51	-4.11e-03	0.04	-0.22	1.94e-03	-1.58e-03	-1.67e-04
1642	57	3.29e-03	0.03	-0.22	1.98e-03	-1.60e-03	-1.70e-04
1642	70	0.04	0.01	-0.22	1.89e-03	-1.52e-03	-1.59e-04
1642	83	-3.75e-03	0.04	-0.22	1.94e-03	-1.57e-03	-1.66e-04
1642	89	3.03e-03	0.03	-0.22	1.97e-03	-1.59e-03	-1.69e-04
1643	7	-0.09	0.05	-0.17	1.83e-03	-1.55e-03	-1.85e-04
1643	19	-9.53e-03	0.05	-0.18	2.01e-03	-1.69e-03	-1.97e-04
1643	25	5.24e-03	0.04	-0.19	2.08e-03	-1.75e-03	-1.95e-04
1643	39	-0.04	0.03	-0.17	1.85e-03	-1.55e-03	-1.75e-04
1643	51	-5.22e-03	0.04	-0.18	1.94e-03	-1.62e-03	-1.81e-04
1643	57	2.18e-03	0.03	-0.18	1.97e-03	-1.65e-03	-1.80e-04
1643	71	-0.04	0.03	-0.17	1.86e-03	-1.55e-03	-1.74e-04
1643	83	-4.87e-03	0.03	-0.18	1.93e-03	-1.62e-03	-1.80e-04
1643	89	1.92e-03	0.03	-0.18	1.96e-03	-1.64e-03	-1.79e-04
1644	7	-0.09	0.04	-0.13	1.81e-03	-1.66e-03	-1.81e-04
1644	19	-0.01	0.05	-0.14	1.97e-03	-1.71e-03	-1.90e-04
1644	25	4.12e-03	0.04	-0.15	2.04e-03	-1.69e-03	-1.87e-04
1644	39	-0.05	0.03	-0.14	1.83e-03	-1.60e-03	-1.72e-04
1644	51	-6.34e-03	0.03	-0.14	1.91e-03	-1.62e-03	-1.76e-04
1644	57	1.06e-03	0.02	-0.14	1.94e-03	-1.61e-03	-1.75e-04
1644	71	-0.04	0.03	-0.14	1.83e-03	-1.59e-03	-1.71e-04
1644	83	-5.99e-03	0.03	-0.14	1.91e-03	-1.62e-03	-1.75e-04
1644	89	7.99e-04	0.02	-0.14	1.93e-03	-1.61e-03	-1.74e-04
1645	7	-0.09	0.04	-0.10	1.74e-03	-1.56e-03	-1.86e-04
1645	17	0.04	0.03	-0.11	1.94e-03	-1.57e-03	-1.83e-04
1645	19	-0.01	0.04	-0.10	1.89e-03	-1.61e-03	-1.88e-04
1645	39	-0.05	0.02	-0.10	1.76e-03	-1.50e-03	-1.78e-04
1645	49	0.02	0.02	-0.10	1.86e-03	-1.50e-03	-1.77e-04
1645	51	-7.38e-03	0.03	-0.10	1.83e-03	-1.52e-03	-1.80e-04
1645	71	-0.04	0.02	-0.10	1.76e-03	-1.50e-03	-1.78e-04
1645	81	0.02	0.02	-0.10	1.85e-03	-1.50e-03	-1.76e-04
1645	83	-7.03e-03	0.02	-0.10	1.83e-03	-1.52e-03	-1.79e-04
1646	7	-0.08	0.04	-0.10	8.24e-04	1.71e-03	2.38e-04
1646	8	-0.09	0.04	-0.10	8.63e-04	1.66e-03	2.31e-04
1646	39	-0.04	0.04	-0.08	7.45e-04	1.76e-03	2.44e-04
1646	40	-0.05	0.03	-0.09	7.63e-04	1.73e-03	2.41e-04
1646	71	-0.04	0.03	-0.08	7.39e-04	1.76e-03	2.45e-04
1646	72	-0.05	0.03	-0.09	7.56e-04	1.74e-03	2.42e-04
1647	6	0.05	-6.95e-03	-0.18	1.36e-03	-1.42e-03	-2.04e-04
1647	7	-0.08	0.05	-0.13	1.01e-03	-1.63e-03	-2.34e-04
1647	8	-0.09	0.04	-0.14	1.05e-03	-1.59e-03	-2.28e-04
1647	38	0.02	8.38e-03	-0.17	1.27e-03	-1.47e-03	-2.12e-04
1647	39	-0.04	0.04	-0.15	1.10e-03	-1.57e-03	-2.26e-04
1647	40	-0.05	0.03	-0.15	1.12e-03	-1.55e-03	-2.23e-04
1647	70	0.02	9.55e-03	-0.17	1.26e-03	-1.48e-03	-2.12e-04
1647	71	-0.04	0.03	-0.15	1.11e-03	-1.57e-03	-2.26e-04
1647	72	-0.05	0.03	-0.15	1.12e-03	-1.55e-03	-2.23e-04
1648	6	0.05	0.02	-0.18	5.24e-04	1.86e-03	2.58e-04
1648	7	-0.08	0.05	-0.13	8.25e-04	1.69e-03	2.35e-04
1648	8	-0.09	0.05	-0.13	8.64e-04	1.64e-03	2.28e-04
1648	38	0.02	0.03	-0.17	6.02e-04	1.82e-03	2.52e-04
1648	39	-0.04	0.05	-0.14	7.47e-04	1.74e-03	2.41e-04
1648	40	-0.05	0.04	-0.15	7.65e-04	1.71e-03	2.38e-04
1648	70	0.01	0.03	-0.17	6.08e-04	1.81e-03	2.52e-04
1648	71	-0.04	0.04	-0.15	7.41e-04	1.74e-03	2.42e-04
1648	72	-0.05	0.04	-0.15	7.58e-04	1.72e-03	2.39e-04
1649	5	0.06	0.03	-0.27	5.00e-04	1.78e-03	2.49e-04
1649	7	-0.08	0.06	-0.21	8.38e-04	1.58e-03	2.21e-04
1649	8	-0.09	0.06	-0.20	8.78e-04	1.53e-03	2.13e-04
1649	37	0.02	0.04	-0.25	5.98e-04	1.71e-03	2.40e-04
1649	39	-0.04	0.05	-0.22	7.60e-04	1.62e-03	2.26e-04
1649	40	-0.05	0.05	-0.22	7.79e-04	1.60e-03	2.23e-04
1649	69	0.02	0.04	-0.25	6.06e-04	1.71e-03	2.39e-04
1649	71	-0.04	0.05	-0.22	7.54e-04	1.62e-03	2.27e-04
1649	72	-0.05	0.05	-0.22	7.71e-04	1.60e-03	2.23e-04
1650	5	0.06	0.04	-0.34	5.31e-04	1.51e-03	2.09e-04
1650	7	-0.08	0.07	-0.28	8.68e-04	1.35e-03	1.87e-04

1650	8	-0.09	0.07	-0.27	9.08e-04	1.31e-03	1.81e-04
1650	37	0.02	0.05	-0.32	6.29e-04	1.46e-03	2.02e-04
1650	39	-0.04	0.06	-0.29	7.91e-04	1.38e-03	1.91e-04
1650	40	-0.05	0.06	-0.29	8.09e-04	1.36e-03	1.89e-04
1650	69	0.02	0.05	-0.32	6.37e-04	1.45e-03	2.01e-04
1650	71	-0.04	0.06	-0.29	7.85e-04	1.38e-03	1.92e-04
1650	72	-0.05	0.06	-0.29	8.02e-04	1.37e-03	1.89e-04
1651	5	0.06	0.05	-0.40	5.75e-04	1.02e-03	1.40e-04
1651	7	-0.08	0.08	-0.33	9.12e-04	1.13e-03	1.56e-04
1651	8	-0.09	0.07	-0.32	9.52e-04	1.10e-03	1.51e-04
1651	37	0.02	0.06	-0.38	6.73e-04	1.04e-03	1.43e-04
1651	39	-0.04	0.07	-0.35	8.34e-04	1.09e-03	1.51e-04
1651	40	-0.05	0.07	-0.34	8.53e-04	1.08e-03	1.48e-04
1651	69	0.02	0.06	-0.38	6.81e-04	1.04e-03	1.43e-04
1651	71	-0.04	0.07	-0.35	8.28e-04	1.09e-03	1.50e-04
1651	72	-0.05	0.07	-0.35	8.46e-04	1.08e-03	1.48e-04
1652	5	0.06	0.05	-0.44	6.28e-04	6.13e-04	8.31e-05
1652	7	-0.08	0.09	-0.37	9.64e-04	6.77e-04	9.16e-05
1652	8	-0.09	0.08	-0.36	1.00e-03	6.57e-04	8.88e-05
1652	37	0.02	0.06	-0.42	7.26e-04	6.25e-04	8.46e-05
1652	39	-0.04	0.08	-0.39	8.87e-04	6.55e-04	8.86e-05
1652	40	-0.05	0.07	-0.38	9.06e-04	6.46e-04	8.73e-05
1652	69	0.02	0.06	-0.42	7.34e-04	6.25e-04	8.47e-05
1652	71	-0.04	0.07	-0.39	8.81e-04	6.53e-04	8.84e-05
1652	72	-0.05	0.07	-0.38	8.98e-04	6.45e-04	8.72e-05
1653	5	0.06	0.05	-0.46	6.87e-04	1.60e-04	1.87e-05
1653	7	-0.08	0.09	-0.39	1.02e-03	1.93e-04	2.39e-05
1653	8	-0.09	0.08	-0.38	1.06e-03	1.84e-04	2.27e-05
1653	37	0.02	0.06	-0.44	7.85e-04	1.67e-04	1.97e-05
1653	39	-0.04	0.08	-0.40	9.45e-04	1.82e-04	2.22e-05
1653	40	-0.05	0.07	-0.40	9.63e-04	1.78e-04	2.16e-05
1653	69	0.02	0.06	-0.44	7.92e-04	1.67e-04	1.98e-05
1653	71	-0.04	0.08	-0.41	9.39e-04	1.81e-04	2.20e-05
1653	72	-0.05	0.07	-0.40	9.56e-04	1.77e-04	2.15e-05
1654	5	0.06	0.05	-0.45	7.49e-04	-3.31e-04	-5.08e-05
1654	7	-0.08	0.09	-0.39	1.08e-03	-2.67e-04	-4.07e-05
1654	8	-0.09	0.08	-0.38	1.12e-03	-2.55e-04	-3.90e-05
1654	37	0.02	0.06	-0.43	8.46e-04	-3.11e-04	-4.77e-05
1654	39	-0.04	0.08	-0.40	1.00e-03	-2.80e-04	-4.29e-05
1654	40	-0.05	0.07	-0.40	1.02e-03	-2.75e-04	-4.21e-05
1654	69	0.02	0.06	-0.43	8.54e-04	-3.09e-04	-4.75e-05
1654	71	-0.04	0.07	-0.40	9.99e-04	-2.81e-04	-4.30e-05
1654	72	-0.05	0.07	-0.40	1.02e-03	-2.76e-04	-4.23e-05
1655	7	-0.08	0.08	-0.43	8.12e-04	-6.82e-04	-9.92e-05
1655	8	-0.09	0.07	-0.42	8.52e-04	-6.58e-04	-9.60e-05
1655	39	-0.04	0.07	-0.41	9.09e-04	-7.04e-04	-1.03e-04
1655	40	-0.05	0.07	-0.40	9.28e-04	-6.92e-04	-1.01e-04
1655	71	-0.04	0.07	-0.41	9.16e-04	-7.05e-04	-1.03e-04
1655	72	-0.05	0.07	-0.40	9.33e-04	-6.95e-04	-1.01e-04
1656	7	-0.08	0.08	-0.38	8.76e-04	-1.03e-03	-1.49e-04
1656	8	-0.09	0.07	-0.37	9.15e-04	-9.98e-04	-1.44e-04
1656	39	-0.04	0.07	-0.36	9.71e-04	-1.06e-03	-1.53e-04
1656	40	-0.05	0.06	-0.36	9.90e-04	-1.04e-03	-1.51e-04
1656	71	-0.04	0.06	-0.36	9.79e-04	-1.06e-03	-1.53e-04
1656	72	-0.05	0.06	-0.36	9.96e-04	-1.05e-03	-1.51e-04
1657	7	-0.08	0.07	-0.32	9.36e-04	-1.44e-03	-2.08e-04
1657	8	-0.09	0.06	-0.32	9.75e-04	-1.41e-03	-2.03e-04
1657	39	-0.04	0.06	-0.31	1.03e-03	-1.39e-03	-2.00e-04
1657	40	-0.05	0.05	-0.30	1.05e-03	-1.37e-03	-1.98e-04
1657	71	-0.04	0.06	-0.31	1.04e-03	-1.39e-03	-2.00e-04
1657	72	-0.05	0.05	-0.30	1.05e-03	-1.37e-03	-1.97e-04
1658	7	-0.08	0.06	-0.25	9.84e-04	-1.59e-03	-2.29e-04
1658	8	-0.09	0.05	-0.25	1.02e-03	-1.55e-03	-2.23e-04
1658	39	-0.04	0.05	-0.24	1.08e-03	-1.54e-03	-2.21e-04
1658	40	-0.05	0.04	-0.24	1.10e-03	-1.52e-03	-2.18e-04
1658	71	-0.04	0.05	-0.23	1.09e-03	-1.53e-03	-2.20e-04
1658	72	-0.05	0.04	-0.24	1.10e-03	-1.52e-03	-2.18e-04
1659	7	-0.08	0.05	-0.14	8.24e-04	1.71e-03	2.38e-04
1659	8	-0.09	0.04	-0.14	8.63e-04	1.66e-03	2.31e-04
1659	39	-0.04	0.04	-0.13	7.45e-04	1.75e-03	2.44e-04
1659	40	-0.05	0.04	-0.13	7.64e-04	1.73e-03	2.40e-04
1659	71	-0.04	0.04	-0.13	7.39e-04	1.76e-03	2.44e-04
1659	72	-0.05	0.04	-0.13	7.56e-04	1.74e-03	2.41e-04
1660	6	0.05	0.02	-0.23	5.29e-04	1.81e-03	2.51e-04
1660	7	-0.08	0.06	-0.17	8.30e-04	1.65e-03	2.29e-04
1660	8	-0.09	0.05	-0.17	8.69e-04	1.60e-03	2.23e-04
1660	38	0.02	0.03	-0.21	6.08e-04	1.77e-03	2.45e-04

1660	39	-0.04	0.05	-0.18	7.52e-04	1.69e-03	2.35e-04
1660	40	-0.05	0.05	-0.19	7.70e-04	1.67e-03	2.32e-04
1660	70	0.01	0.03	-0.21	6.14e-04	1.77e-03	2.45e-04
1660	71	-0.04	0.05	-0.18	7.46e-04	1.70e-03	2.36e-04
1660	72	-0.05	0.05	-0.19	7.63e-04	1.67e-03	2.33e-04
1661	5	0.06	0.04	-0.30	5.13e-04	1.66e-03	2.26e-04
1661	7	-0.08	0.07	-0.24	8.51e-04	1.48e-03	2.04e-04
1661	8	-0.09	0.06	-0.24	8.91e-04	1.44e-03	1.98e-04
1661	37	0.02	0.04	-0.29	6.12e-04	1.60e-03	2.19e-04
1661	39	-0.04	0.06	-0.26	7.74e-04	1.52e-03	2.08e-04
1661	40	-0.05	0.06	-0.26	7.92e-04	1.49e-03	2.06e-04
1661	69	0.02	0.05	-0.29	6.19e-04	1.60e-03	2.19e-04
1661	71	-0.04	0.06	-0.26	7.68e-04	1.52e-03	2.09e-04
1661	72	-0.05	0.06	-0.26	7.85e-04	1.50e-03	2.06e-04
1662	5	0.06	0.05	-0.37	5.51e-04	1.20e-03	1.84e-04
1662	7	-0.08	0.08	-0.31	8.89e-04	1.33e-03	1.65e-04
1662	8	-0.09	0.07	-0.30	9.28e-04	1.30e-03	1.60e-04
1662	37	0.02	0.05	-0.35	6.50e-04	1.22e-03	1.78e-04
1662	39	-0.04	0.07	-0.32	8.11e-04	1.29e-03	1.69e-04
1662	40	-0.05	0.06	-0.32	8.30e-04	1.27e-03	1.66e-04
1662	69	0.02	0.05	-0.35	6.57e-04	1.22e-03	1.77e-04
1662	71	-0.04	0.07	-0.32	8.05e-04	1.29e-03	1.69e-04
1662	72	-0.05	0.06	-0.32	8.22e-04	1.27e-03	1.67e-04
1663	5	0.06	0.05	-0.42	6.01e-04	8.23e-04	1.13e-04
1663	7	-0.08	0.08	-0.35	9.37e-04	9.12e-04	1.24e-04
1663	8	-0.09	0.08	-0.35	9.77e-04	8.86e-04	1.21e-04
1663	37	0.02	0.06	-0.40	6.99e-04	8.40e-04	1.15e-04
1663	39	-0.04	0.07	-0.37	8.60e-04	8.82e-04	1.20e-04
1663	40	-0.05	0.07	-0.37	8.79e-04	8.70e-04	1.19e-04
1663	69	0.02	0.06	-0.40	7.07e-04	8.41e-04	1.15e-04
1663	71	-0.04	0.07	-0.37	8.54e-04	8.80e-04	1.20e-04
1663	72	-0.05	0.07	-0.37	8.71e-04	8.68e-04	1.19e-04
1664	5	0.06	0.05	-0.45	6.57e-04	3.92e-04	5.16e-05
1664	7	-0.08	0.09	-0.38	9.92e-04	4.34e-04	5.74e-05
1664	8	-0.09	0.08	-0.37	1.03e-03	4.20e-04	5.55e-05
1664	37	0.02	0.06	-0.43	7.55e-04	3.99e-04	5.26e-05
1664	39	-0.04	0.08	-0.40	9.15e-04	4.19e-04	5.54e-05
1664	40	-0.05	0.07	-0.39	9.34e-04	4.13e-04	5.45e-05
1664	69	0.02	0.06	-0.43	7.63e-04	4.00e-04	5.27e-05
1664	71	-0.04	0.08	-0.40	9.09e-04	4.18e-04	5.52e-05
1664	72	-0.05	0.07	-0.39	9.27e-04	4.12e-04	5.44e-05
1665	5	0.06	0.05	-0.46	7.18e-04	-8.81e-05	-1.67e-05
1665	7	-0.08	0.09	-0.39	1.05e-03	-4.47e-05	-9.46e-06
1665	8	-0.09	0.08	-0.38	1.09e-03	-3.66e-05	-8.37e-06
1665	37	0.02	0.06	-0.44	8.15e-04	-7.45e-05	-1.45e-05
1665	39	-0.04	0.08	-0.41	9.75e-04	-5.39e-05	-1.11e-05
1665	40	-0.05	0.07	-0.40	9.93e-04	-5.01e-05	-1.05e-05
1665	69	0.02	0.06	-0.44	8.23e-04	-7.35e-05	-1.43e-05
1665	71	-0.04	0.08	-0.41	9.69e-04	-5.46e-05	-1.12e-05
1665	72	-0.05	0.07	-0.40	9.86e-04	-5.12e-05	-1.07e-05
1666	7	-0.08	0.09	-0.44	7.80e-04	-4.81e-04	-7.09e-05
1666	8	-0.09	0.08	-0.43	8.20e-04	-4.63e-04	-6.84e-05
1666	39	-0.04	0.07	-0.42	8.77e-04	-4.98e-04	-7.37e-05
1666	40	-0.05	0.07	-0.42	8.96e-04	-4.90e-04	-7.26e-05
1666	71	-0.04	0.07	-0.42	8.85e-04	-5.00e-04	-7.39e-05
1666	72	-0.05	0.07	-0.42	9.02e-04	-4.92e-04	-7.29e-05
1667	7	-0.08	0.08	-0.41	8.44e-04	-8.66e-04	-1.25e-04
1667	8	-0.09	0.07	-0.40	8.84e-04	-8.38e-04	-1.21e-04
1667	39	-0.04	0.07	-0.39	9.40e-04	-8.92e-04	-1.29e-04
1667	40	-0.05	0.06	-0.39	9.59e-04	-8.78e-04	-1.27e-04
1667	71	-0.04	0.07	-0.39	9.48e-04	-8.94e-04	-1.30e-04
1667	72	-0.05	0.06	-0.38	9.65e-04	-8.81e-04	-1.28e-04
1668	7	-0.08	0.07	-0.35	9.06e-04	-1.17e-03	-1.68e-04
1668	8	-0.09	0.06	-0.35	9.46e-04	-1.13e-03	-1.63e-04
1668	39	-0.04	0.06	-0.34	1.00e-03	-1.20e-03	-1.73e-04
1668	40	-0.05	0.06	-0.33	1.02e-03	-1.18e-03	-1.71e-04
1668	71	-0.04	0.06	-0.34	1.01e-03	-1.20e-03	-1.73e-04
1668	72	-0.05	0.06	-0.33	1.03e-03	-1.19e-03	-1.71e-04
1669	7	-0.08	0.07	-0.28	9.62e-04	-1.53e-03	-2.21e-04
1669	8	-0.09	0.05	-0.29	1.00e-03	-1.49e-03	-2.15e-04
1669	39	-0.04	0.05	-0.27	1.06e-03	-1.48e-03	-2.13e-04
1669	40	-0.05	0.05	-0.27	1.07e-03	-1.46e-03	-2.10e-04
1669	71	-0.04	0.05	-0.27	1.06e-03	-1.48e-03	-2.12e-04
1669	72	-0.05	0.05	-0.27	1.08e-03	-1.46e-03	-2.10e-04
1670	7	-0.08	0.06	-0.21	1.00e-03	-1.62e-03	-2.33e-04
1670	8	-0.09	0.04	-0.21	1.04e-03	-1.58e-03	-2.27e-04
1670	39	-0.04	0.04	-0.20	1.09e-03	-1.57e-03	-2.25e-04

1670	40	-0.05	0.04	-0.20	1.11e-03	-1.55e-03	-2.23e-04
1670	71	-0.04	0.04	-0.20	1.10e-03	-1.56e-03	-2.25e-04
1670	72	-0.05	0.03	-0.20	1.12e-03	-1.55e-03	-2.22e-04
1671	7	-0.08	0.03	-0.01	-2.79e-04	4.31e-04	1.31e-04
1671	25	4.44e-03	0.02	-0.01	-2.96e-04	8.11e-04	-3.92e-05
1671	39	-0.04	0.02	-0.01	-2.62e-04	4.29e-04	4.48e-04
1671	57	1.43e-03	7.22e-03	-0.01	-2.70e-04	6.07e-04	3.71e-04
1671	71	-0.04	0.01	-0.01	-2.61e-04	4.28e-04	4.72e-04
1671	89	1.18e-03	6.63e-03	-0.01	-2.68e-04	5.92e-04	4.01e-04
1672	6	0.08	-0.03	-3.18e-03	-1.45e-04	5.67e-04	7.21e-04
1672	7	-0.08	0.03	-2.71e-03	-2.12e-04	5.71e-04	-9.99e-05
1672	25	3.41e-03	0.01	-4.98e-03	-2.30e-04	8.97e-04	-2.19e-04
1672	38	0.04	-0.01	-3.06e-03	-1.62e-04	5.68e-04	5.04e-04
1672	39	-0.04	0.01	-2.83e-03	-1.94e-04	5.69e-04	1.17e-04
1672	57	6.92e-04	6.85e-03	-3.90e-03	-2.02e-04	7.23e-04	6.32e-05
1672	70	0.03	-0.01	-3.05e-03	-1.64e-04	5.68e-04	4.88e-04
1672	71	-0.04	0.01	-2.84e-03	-1.93e-04	5.69e-04	1.34e-04
1672	89	4.64e-04	6.26e-03	-3.82e-03	-2.00e-04	7.10e-04	8.41e-05
1673	6	0.07	-0.03	3.01e-03	-7.67e-05	5.25e-04	6.56e-04
1673	8	-0.08	0.02	1.08e-03	-1.08e-04	3.69e-04	3.40e-04
1673	26	2.25e-03	-0.03	3.36e-03	-4.93e-05	2.89e-04	8.38e-04
1673	38	0.03	-0.02	2.27e-03	-9.39e-05	5.25e-04	5.06e-04
1673	40	-0.04	8.21e-03	1.35e-03	-1.09e-04	4.51e-04	3.57e-04
1673	58	-1.12e-04	-0.01	2.43e-03	-8.11e-05	4.14e-04	5.90e-04
1673	70	0.03	-0.01	2.21e-03	-9.52e-05	5.25e-04	4.94e-04
1673	72	-0.04	7.50e-03	1.37e-03	-1.09e-04	4.57e-04	3.58e-04
1673	90	-3.13e-04	-0.01	2.36e-03	-8.35e-05	4.23e-04	5.72e-04
1674	6	0.07	-0.03	5.01e-03	-7.33e-06	4.38e-04	6.36e-04
1674	8	-0.08	0.02	2.86e-03	-6.53e-05	2.92e-04	-5.19e-05
1674	26	6.97e-04	-0.03	5.05e-03	2.66e-05	2.12e-04	8.50e-04
1674	38	0.03	-0.02	4.26e-03	-3.49e-05	4.40e-04	3.52e-04
1674	40	-0.04	8.15e-03	3.24e-03	-6.24e-05	3.71e-04	2.52e-05
1674	58	-1.25e-03	-0.01	4.28e-03	-1.91e-05	3.33e-04	4.51e-04
1674	70	0.03	-0.01	4.21e-03	-3.70e-05	4.40e-04	3.31e-04
1674	72	-0.04	7.44e-03	3.27e-03	-6.22e-05	3.77e-04	3.12e-05
1674	90	-1.43e-03	-0.01	4.22e-03	-2.25e-05	3.42e-04	4.21e-04
1675	6	0.06	-0.03	3.49e-03	2.33e-04	1.03e-05	1.74e-03
1675	8	-0.08	0.02	1.68e-03	6.90e-05	1.86e-04	1.96e-04
1675	38	0.03	-0.01	2.89e-03	1.70e-04	9.91e-05	1.16e-03
1675	40	-0.04	8.30e-03	2.03e-03	9.18e-05	1.82e-04	4.21e-04
1675	70	0.03	-0.01	2.84e-03	1.65e-04	1.06e-04	1.11e-03
1675	72	-0.04	7.58e-03	2.05e-03	9.36e-05	1.82e-04	4.39e-04
1676	7	-0.08	0.05	-0.12	-6.19e-04	1.17e-03	1.75e-04
1676	29	-1.13e-03	0.03	-0.17	-6.49e-04	1.47e-03	1.89e-04
1676	39	-0.04	0.03	-0.12	-5.85e-04	1.17e-03	1.60e-04
1676	61	-2.37e-03	0.02	-0.14	-6.00e-04	1.31e-03	1.67e-04
1676	71	-0.04	0.03	-0.12	-5.83e-04	1.17e-03	1.59e-04
1676	93	-2.48e-03	0.02	-0.14	-5.96e-04	1.30e-03	1.65e-04
1677	7	-0.08	0.04	-0.11	-6.18e-04	9.30e-04	1.19e-04
1677	29	-2.06e-03	0.03	-0.14	-6.54e-04	1.21e-03	1.48e-04
1677	39	-0.04	0.03	-0.11	-5.79e-04	9.31e-04	1.19e-04
1677	61	-2.90e-03	0.02	-0.12	-5.96e-04	1.06e-03	1.33e-04
1677	71	-0.04	0.02	-0.11	-5.77e-04	9.31e-04	1.19e-04
1677	93	-2.98e-03	0.02	-0.12	-5.92e-04	1.05e-03	1.32e-04
1678	8	-0.08	0.03	-0.07	-5.18e-04	6.19e-04	7.85e-05
1678	27	-8.97e-03	0.04	-0.12	-6.57e-04	9.68e-04	1.22e-04
1678	29	0.03	0.03	-0.12	-6.34e-04	1.01e-03	1.27e-04
1678	39	-0.04	0.02	-0.09	-5.54e-04	7.58e-04	9.58e-05
1678	40	-0.04	0.02	-0.08	-5.18e-04	6.94e-04	8.78e-05
1678	61	0.01	0.02	-0.10	-5.72e-04	8.79e-04	1.11e-04
1678	71	-0.03	0.02	-0.09	-5.51e-04	7.58e-04	9.58e-05
1678	72	-0.04	0.02	-0.08	-5.18e-04	6.99e-04	8.85e-05
1678	93	0.01	0.02	-0.10	-5.68e-04	8.69e-04	1.09e-04
1679	8	-0.08	0.02	-0.05	-4.88e-04	5.07e-04	6.07e-05
1679	27	-8.83e-03	0.04	-0.10	-6.33e-04	8.14e-04	1.12e-04
1679	29	0.03	0.03	-0.10	-6.09e-04	8.55e-04	1.18e-04
1679	39	-0.04	0.02	-0.07	-5.25e-04	6.31e-04	8.10e-05
1679	40	-0.04	0.01	-0.06	-4.88e-04	5.74e-04	7.15e-05
1679	61	0.01	0.02	-0.09	-5.45e-04	7.38e-04	9.83e-05
1679	71	-0.04	0.02	-0.07	-5.22e-04	6.31e-04	8.10e-05
1679	72	-0.04	0.01	-0.06	-4.88e-04	5.79e-04	7.24e-05
1679	93	0.01	0.01	-0.08	-5.40e-04	7.29e-04	9.69e-05
1680	8	-0.09	0.02	-0.04	-3.70e-04	4.58e-04	6.51e-05
1680	27	-8.77e-03	0.04	-0.08	-5.78e-04	7.30e-04	8.97e-05
1680	29	0.03	0.02	-0.08	-6.03e-04	7.67e-04	9.34e-05
1680	39	-0.04	0.02	-0.06	-4.53e-04	5.68e-04	7.52e-05
1680	40	-0.04	0.01	-0.05	-4.14e-04	5.18e-04	7.07e-05

1680	61	0.01	0.01	-0.07	-5.23e-04	6.63e-04	8.41e-05
1680	71	-0.04	0.02	-0.06	-4.53e-04	5.68e-04	7.52e-05
1680	72	-0.04	0.01	-0.05	-4.17e-04	5.22e-04	7.12e-05
1680	93	0.01	0.01	-0.07	-5.17e-04	6.56e-04	8.34e-05
1681	8	-0.09	0.02	-0.03	-3.57e-04	7.25e-04	6.87e-05
1681	27	-8.88e-03	0.04	-0.06	-5.88e-04	9.28e-04	7.73e-05
1681	29	0.03	0.02	-0.06	-6.21e-04	9.81e-04	1.04e-04
1681	39	-0.04	0.02	-0.04	-4.51e-04	8.19e-04	8.58e-05
1681	40	-0.04	0.01	-0.04	-4.09e-04	7.89e-04	9.14e-05
1681	61	0.01	0.01	-0.05	-5.33e-04	9.10e-04	1.09e-04
1681	71	-0.04	0.02	-0.04	-4.51e-04	8.22e-04	8.81e-05
1681	72	-0.04	0.01	-0.04	-4.13e-04	7.94e-04	9.32e-05
1681	93	0.01	0.01	-0.05	-5.27e-04	9.05e-04	1.09e-04
1682	8	-0.09	0.02	-0.02	-3.15e-04	7.60e-04	5.83e-05
1682	27	-9.18e-03	0.03	-0.04	-5.51e-04	9.62e-04	6.66e-05
1682	29	0.03	0.02	-0.05	-5.85e-04	1.02e-03	1.04e-04
1682	39	-0.04	0.02	-0.03	-4.11e-04	8.57e-04	8.11e-05
1682	40	-0.04	9.73e-03	-0.03	-3.69e-04	8.28e-04	8.97e-05
1682	61	0.01	0.01	-0.04	-4.96e-04	9.50e-04	1.12e-04
1682	71	-0.04	0.02	-0.03	-4.12e-04	8.59e-04	8.42e-05
1682	72	-0.04	9.04e-03	-0.03	-3.73e-04	8.33e-04	9.21e-05
1682	93	0.01	9.99e-03	-0.04	-4.89e-04	9.45e-04	1.12e-04
1683	6	0.10	0.02	-0.41	2.16e-03	-1.49e-03	-1.50e-04
1683	19	-5.66e-04	0.09	-0.42	2.26e-03	-1.86e-03	-1.86e-04
1683	25	0.01	0.07	-0.44	2.35e-03	-1.70e-03	-1.83e-04
1683	38	0.05	0.04	-0.40	2.13e-03	-1.55e-03	-1.58e-04
1683	51	2.61e-03	0.07	-0.41	2.18e-03	-1.66e-03	-1.75e-04
1683	57	8.23e-03	0.06	-0.41	2.22e-03	-1.65e-03	-1.73e-04
1683	70	0.05	0.04	-0.40	2.13e-03	-1.55e-03	-1.59e-04
1683	83	2.88e-03	0.07	-0.41	2.18e-03	-1.66e-03	-1.74e-04
1683	89	8.04e-03	0.06	-0.41	2.21e-03	-1.64e-03	-1.73e-04
1684	6	0.10	0.03	-0.48	2.44e-03	1.69e-03	3.06e-04
1684	7	-0.09	0.10	-0.45	2.32e-03	1.64e-03	2.94e-04
1684	25	0.01	0.08	-0.52	2.69e-03	1.81e-03	3.18e-04
1684	38	0.05	0.05	-0.47	2.41e-03	1.67e-03	3.03e-04
1684	39	-0.04	0.08	-0.46	2.36e-03	1.65e-03	2.97e-04
1684	57	8.35e-03	0.07	-0.49	2.53e-03	1.73e-03	3.09e-04
1684	70	0.05	0.05	-0.47	2.41e-03	1.67e-03	3.03e-04
1684	71	-0.03	0.08	-0.46	2.36e-03	1.65e-03	2.97e-04
1684	89	8.19e-03	0.07	-0.49	2.52e-03	1.73e-03	3.08e-04
1685	6	0.10	0.04	-0.55	2.42e-03	1.65e-03	3.00e-04
1685	25	0.01	0.09	-0.58	2.67e-03	1.77e-03	3.13e-04
1685	27	-0.04	0.10	-0.57	2.58e-03	1.74e-03	3.06e-04
1685	38	0.05	0.06	-0.54	2.39e-03	1.64e-03	2.97e-04
1685	39	-0.04	0.09	-0.53	2.33e-03	1.62e-03	2.91e-04
1685	57	0.01	0.08	-0.56	2.51e-03	1.70e-03	3.03e-04
1685	70	0.05	0.06	-0.54	2.39e-03	1.64e-03	2.97e-04
1685	71	-0.03	0.09	-0.53	2.34e-03	1.62e-03	2.91e-04
1685	89	0.01	0.08	-0.55	2.49e-03	1.69e-03	3.02e-04
1686	6	0.10	0.05	-0.61	2.38e-03	1.50e-03	2.75e-04
1686	25	0.01	0.10	-0.64	2.63e-03	1.62e-03	2.86e-04
1686	27	-0.04	0.11	-0.63	2.54e-03	1.59e-03	2.80e-04
1686	38	0.05	0.06	-0.60	2.35e-03	1.49e-03	2.73e-04
1686	57	0.01	0.09	-0.62	2.46e-03	1.55e-03	2.78e-04
1686	59	-0.01	0.10	-0.61	2.42e-03	1.53e-03	2.75e-04
1686	70	0.05	0.07	-0.60	2.35e-03	1.49e-03	2.72e-04
1686	89	0.01	0.09	-0.62	2.45e-03	1.54e-03	2.77e-04
1686	91	-0.01	0.09	-0.61	2.42e-03	1.53e-03	2.74e-04
1687	6	0.11	0.06	-0.67	2.33e-03	1.25e-03	2.42e-04
1687	19	5.46e-03	0.12	-0.68	2.48e-03	1.32e-03	2.45e-04
1687	25	0.02	0.11	-0.70	2.58e-03	1.36e-03	2.51e-04
1687	38	0.06	0.07	-0.66	2.30e-03	1.24e-03	2.39e-04
1687	57	0.01	0.10	-0.67	2.42e-03	1.29e-03	2.43e-04
1687	59	-0.01	0.10	-0.66	2.38e-03	1.28e-03	2.40e-04
1687	70	0.05	0.07	-0.66	2.30e-03	1.24e-03	2.38e-04
1687	89	0.01	0.10	-0.67	2.41e-03	1.29e-03	2.42e-04
1687	91	-9.25e-03	0.10	-0.66	2.37e-03	1.27e-03	2.40e-04
1688	6	0.11	0.06	-0.71	2.29e-03	9.00e-04	1.93e-04
1688	19	6.60e-03	0.13	-0.72	2.44e-03	9.57e-04	1.95e-04
1688	25	0.02	0.11	-0.74	2.54e-03	9.87e-04	2.00e-04
1688	38	0.06	0.08	-0.70	2.26e-03	8.95e-04	1.90e-04
1688	51	9.67e-03	0.11	-0.70	2.33e-03	9.21e-04	1.91e-04
1688	57	0.02	0.10	-0.71	2.38e-03	9.35e-04	1.94e-04
1688	70	0.05	0.08	-0.70	2.26e-03	8.94e-04	1.90e-04
1688	83	9.94e-03	0.11	-0.70	2.32e-03	9.18e-04	1.91e-04
1688	89	0.01	0.10	-0.71	2.37e-03	9.31e-04	1.93e-04
1689	6	0.11	0.06	-0.73	2.26e-03	4.82e-04	1.31e-04

1689	17	0.06	0.11	-0.76	2.48e-03	5.38e-04	1.38e-04
1689	19	7.30e-03	0.13	-0.74	2.40e-03	5.23e-04	1.35e-04
1689	38	0.06	0.08	-0.72	2.23e-03	4.79e-04	1.29e-04
1689	49	0.04	0.10	-0.74	2.34e-03	5.05e-04	1.33e-04
1689	51	0.01	0.11	-0.73	2.30e-03	4.98e-04	1.31e-04
1689	70	0.05	0.08	-0.72	2.23e-03	4.79e-04	1.29e-04
1689	81	0.03	0.10	-0.73	2.33e-03	5.02e-04	1.32e-04
1689	83	0.01	0.11	-0.73	2.29e-03	4.96e-04	1.31e-04
1690	6	0.11	0.06	-0.74	2.24e-03	1.69e-06	6.61e-05
1690	17	0.06	0.12	-0.76	2.46e-03	5.74e-05	7.33e-05
1690	19	7.48e-03	0.13	-0.74	2.38e-03	6.57e-05	7.10e-05
1690	38	0.06	0.08	-0.73	2.21e-03	1.53e-05	6.53e-05
1690	49	0.04	0.11	-0.74	2.31e-03	4.10e-05	6.87e-05
1690	51	0.01	0.11	-0.73	2.28e-03	4.48e-05	6.76e-05
1690	70	0.05	0.08	-0.73	2.21e-03	1.63e-05	6.53e-05
1690	81	0.03	0.10	-0.74	2.30e-03	3.98e-05	6.83e-05
1690	83	0.01	0.11	-0.73	2.27e-03	4.33e-05	6.73e-05
1691	6	0.11	0.06	-0.72	2.23e-03	-4.29e-04	0.0
1691	17	0.06	0.11	-0.75	2.44e-03	-4.67e-04	-1.12e-05
1691	19	7.14e-03	0.13	-0.73	2.36e-03	-4.55e-04	-9.03e-06
1691	38	0.06	0.08	-0.71	2.20e-03	-4.25e-04	0.0
1691	49	0.04	0.10	-0.72	2.30e-03	-4.43e-04	-5.12e-06
1691	51	0.01	0.11	-0.71	2.26e-03	-4.37e-04	-4.10e-06
1691	70	0.05	0.08	-0.71	2.20e-03	-4.25e-04	0.0
1691	81	0.03	0.10	-0.72	2.29e-03	-4.41e-04	-4.67e-06
1691	83	0.01	0.11	-0.71	2.25e-03	-4.36e-04	-3.73e-06
1692	6	0.11	0.06	-0.69	2.21e-03	-8.49e-04	-4.94e-05
1692	17	0.06	0.11	-0.71	2.42e-03	-9.06e-04	-6.52e-05
1692	19	6.28e-03	0.12	-0.69	2.34e-03	-8.86e-04	-6.71e-05
1692	38	0.06	0.07	-0.68	2.19e-03	-8.42e-04	-5.29e-05
1692	49	0.03	0.10	-0.69	2.28e-03	-8.68e-04	-6.03e-05
1692	51	9.53e-03	0.10	-0.68	2.25e-03	-8.59e-04	-6.12e-05
1692	70	0.05	0.08	-0.68	2.18e-03	-8.41e-04	-5.32e-05
1692	81	0.03	0.10	-0.69	2.27e-03	-8.65e-04	-6.00e-05
1692	83	9.81e-03	0.10	-0.68	2.24e-03	-8.57e-04	-6.08e-05
1693	6	0.11	0.05	-0.63	2.21e-03	-1.20e-03	-1.06e-04
1693	19	4.98e-03	0.12	-0.64	2.33e-03	-1.25e-03	-1.18e-04
1693	25	0.02	0.10	-0.66	2.42e-03	-1.28e-03	-1.23e-04
1693	38	0.06	0.07	-0.62	2.18e-03	-1.19e-03	-1.06e-04
1693	51	8.24e-03	0.10	-0.63	2.24e-03	-1.21e-03	-1.11e-04
1693	57	0.01	0.09	-0.63	2.28e-03	-1.23e-03	-1.14e-04
1693	70	0.05	0.07	-0.62	2.18e-03	-1.19e-03	-1.06e-04
1693	83	8.52e-03	0.10	-0.63	2.23e-03	-1.21e-03	-1.11e-04
1693	89	0.01	0.09	-0.63	2.27e-03	-1.22e-03	-1.13e-04
1694	6	0.10	0.04	-0.56	2.20e-03	-1.45e-03	-1.41e-04
1694	19	3.34e-03	0.11	-0.57	2.31e-03	-1.50e-03	-1.59e-04
1694	25	0.01	0.09	-0.59	2.40e-03	-1.55e-03	-1.66e-04
1694	38	0.05	0.06	-0.56	2.17e-03	-1.44e-03	-1.41e-04
1694	51	6.58e-03	0.09	-0.56	2.22e-03	-1.46e-03	-1.49e-04
1694	57	0.01	0.08	-0.57	2.27e-03	-1.48e-03	-1.53e-04
1694	70	0.05	0.06	-0.56	2.17e-03	-1.43e-03	-1.41e-04
1694	83	6.86e-03	0.09	-0.56	2.22e-03	-1.46e-03	-1.49e-04
1694	89	0.01	0.08	-0.57	2.25e-03	-1.48e-03	-1.52e-04
1695	6	0.10	0.03	-0.49	2.18e-03	-1.46e-03	-1.45e-04
1695	19	1.46e-03	0.10	-0.50	2.29e-03	-1.69e-03	-1.82e-04
1695	25	0.01	0.08	-0.51	2.38e-03	-1.66e-03	-1.80e-04
1695	38	0.05	0.05	-0.48	2.16e-03	-1.51e-03	-1.53e-04
1695	51	4.67e-03	0.08	-0.49	2.21e-03	-1.62e-03	-1.70e-04
1695	57	0.01	0.07	-0.49	2.25e-03	-1.60e-03	-1.69e-04
1695	70	0.05	0.05	-0.48	2.15e-03	-1.51e-03	-1.53e-04
1695	83	4.95e-03	0.08	-0.48	2.20e-03	-1.61e-03	-1.69e-04
1695	89	0.01	0.07	-0.49	2.24e-03	-1.60e-03	-1.68e-04
1696	6	0.10	0.02	-0.39	2.45e-03	1.70e-03	3.08e-04
1696	7	-0.09	0.08	-0.38	2.33e-03	1.66e-03	2.95e-04
1696	25	8.65e-03	0.07	-0.43	2.69e-03	1.83e-03	3.20e-04
1696	38	0.05	0.04	-0.39	2.42e-03	1.69e-03	3.04e-04
1696	39	-0.04	0.07	-0.38	2.36e-03	1.67e-03	2.98e-04
1696	57	6.65e-03	0.06	-0.41	2.53e-03	1.75e-03	3.10e-04
1696	70	0.05	0.04	-0.39	2.42e-03	1.69e-03	3.04e-04
1696	71	-0.04	0.07	-0.38	2.36e-03	1.67e-03	2.99e-04
1696	89	6.47e-03	0.06	-0.40	2.52e-03	1.75e-03	3.09e-04
1697	6	0.10	8.26e-03	-0.31	2.46e-03	1.76e-03	3.12e-04
1697	25	7.13e-03	0.06	-0.34	2.71e-03	1.89e-03	3.25e-04
1697	27	-0.05	0.07	-0.33	2.62e-03	1.85e-03	3.18e-04
1697	38	0.05	0.03	-0.31	2.43e-03	1.74e-03	3.09e-04
1697	39	-0.04	0.06	-0.30	2.37e-03	1.72e-03	3.03e-04
1697	57	4.92e-03	0.05	-0.32	2.55e-03	1.81e-03	3.15e-04

1697	70	0.04	0.03	-0.31	2.43e-03	1.74e-03	3.09e-04
1697	71	-0.04	0.05	-0.30	2.38e-03	1.72e-03	3.03e-04
1697	89	4.72e-03	0.05	-0.32	2.53e-03	1.80e-03	3.14e-04
1698	7	-0.09	0.03	-0.02	-3.12e-04	8.56e-04	3.25e-05
1698	27	-0.05	0.03	-0.03	-4.54e-04	1.00e-03	6.28e-05
1698	29	-3.72e-03	0.02	-0.03	-4.88e-04	1.06e-03	1.05e-04
1698	39	-0.05	0.02	-0.02	-3.17e-04	8.96e-04	8.05e-05
1698	61	-4.11e-03	9.50e-03	-0.02	-4.00e-04	9.95e-04	1.16e-04
1698	71	-0.04	0.01	-0.02	-3.18e-04	9.00e-04	8.42e-05
1698	93	-4.16e-03	8.71e-03	-0.02	-3.94e-04	9.90e-04	1.16e-04
1699	7	-0.09	0.03	-0.01	-1.59e-04	8.92e-04	3.53e-05
1699	26	0.04	-0.03	-7.73e-03	-4.18e-05	9.24e-04	1.90e-04
1699	29	-2.94e-03	0.02	-0.02	-3.26e-04	1.11e-03	1.11e-04
1699	38	0.04	-0.02	-0.01	-1.73e-04	1.03e-03	1.73e-04
1699	39	-0.05	0.01	-0.01	-1.64e-04	9.39e-04	8.42e-05
1699	61	-3.57e-03	8.71e-03	-0.01	-2.43e-04	1.04e-03	1.21e-04
1699	70	0.03	-0.01	-0.01	-1.72e-04	1.02e-03	1.69e-04
1699	71	-0.04	0.01	-0.01	-1.64e-04	9.43e-04	8.80e-05
1699	93	-3.64e-03	7.93e-03	-0.01	-2.36e-04	1.04e-03	1.21e-04
1700	7	-0.08	0.03	-0.03	-2.58e-04	5.44e-04	6.29e-05
1700	29	7.58e-04	0.02	-0.05	-2.69e-04	8.60e-04	1.08e-04
1700	39	-0.04	0.02	-0.03	-2.46e-04	5.48e-04	6.38e-05
1700	61	-6.12e-04	0.01	-0.04	-2.51e-04	6.96e-04	8.50e-05
1700	71	-0.04	0.02	-0.03	-2.45e-04	5.48e-04	6.39e-05
1700	93	-7.32e-04	0.01	-0.04	-2.49e-04	6.84e-04	8.33e-05
1701	7	-0.08	0.04	-0.06	-3.09e-04	9.82e-04	1.09e-04
1701	29	6.73e-04	0.02	-0.08	-3.25e-04	1.32e-03	1.56e-04
1701	39	-0.04	0.02	-0.06	-2.92e-04	9.83e-04	1.10e-04
1701	61	-7.62e-04	0.01	-0.07	-2.99e-04	1.14e-03	1.33e-04
1701	71	-0.04	0.02	-0.06	-2.90e-04	9.83e-04	1.10e-04
1701	93	-8.86e-04	0.01	-0.07	-2.97e-04	1.13e-03	1.31e-04
1702	7	-0.08	0.04	-0.10	-3.85e-04	1.30e-03	1.35e-04
1702	29	5.60e-04	0.03	-0.13	-4.04e-04	1.62e-03	1.83e-04
1702	39	-0.04	0.03	-0.10	-3.64e-04	1.30e-03	1.37e-04
1702	61	-9.39e-04	0.02	-0.11	-3.73e-04	1.45e-03	1.59e-04
1702	71	-0.04	0.02	-0.10	-3.62e-04	1.30e-03	1.37e-04
1702	93	-1.07e-03	0.02	-0.11	-3.71e-04	1.44e-03	1.58e-04
1703	7	-0.08	0.03	-0.03	-1.65e-04	4.46e-04	1.70e-03
1703	29	1.27e-04	0.02	-0.04	-2.10e-04	7.72e-04	1.68e-03
1703	39	-0.04	0.02	-0.03	-1.66e-04	4.52e-04	1.62e-03
1703	61	-1.02e-03	0.01	-0.03	-1.88e-04	6.06e-04	1.60e-03
1703	71	-0.04	0.02	-0.03	-1.67e-04	4.52e-04	1.61e-03
1703	93	-1.12e-03	9.73e-03	-0.03	-1.86e-04	5.93e-04	1.60e-03
1704	7	-0.08	0.04	-0.05	-2.42e-04	8.97e-04	1.22e-04
1704	29	-2.07e-04	0.02	-0.08	-2.99e-04	1.21e-03	1.78e-04
1704	39	-0.04	0.02	-0.05	-2.43e-04	8.98e-04	1.22e-04
1704	61	-1.38e-03	0.01	-0.06	-2.70e-04	1.04e-03	1.49e-04
1704	71	-0.04	0.02	-0.05	-2.43e-04	8.98e-04	1.22e-04
1704	93	-1.48e-03	0.01	-0.06	-2.67e-04	1.03e-03	1.46e-04
1705	7	-0.08	0.04	-0.09	-4.61e-04	1.10e-03	1.55e-04
1705	29	-7.65e-04	0.03	-0.12	-4.88e-04	1.40e-03	2.04e-04
1705	39	-0.04	0.02	-0.09	-4.32e-04	1.10e-03	1.55e-04
1705	61	-1.97e-03	0.02	-0.10	-4.44e-04	1.24e-03	1.78e-04
1705	71	-0.04	0.02	-0.09	-4.30e-04	1.10e-03	1.55e-04
1705	93	-2.08e-03	0.02	-0.10	-4.41e-04	1.23e-03	1.76e-04
1706	7	-0.08	0.03	-0.02	-2.15e-04	7.10e-04	-6.61e-04
1706	29	-1.12e-03	0.02	-0.04	-2.75e-04	1.03e-03	-7.68e-04
1706	39	-0.04	0.02	-0.02	-2.16e-04	7.12e-04	-5.49e-04
1706	61	-1.97e-03	9.99e-03	-0.03	-2.44e-04	8.64e-04	-5.99e-04
1706	71	-0.04	0.02	-0.02	-2.16e-04	7.12e-04	-5.41e-04
1706	93	-2.05e-03	9.28e-03	-0.03	-2.42e-04	8.51e-04	-5.86e-04
1707	7	-0.08	0.04	-0.05	-2.76e-04	7.84e-04	8.44e-05
1707	29	-1.37e-03	0.02	-0.07	-3.40e-04	1.07e-03	1.06e-04
1707	39	-0.04	0.02	-0.05	-2.76e-04	7.86e-04	8.55e-05
1707	61	-2.22e-03	0.01	-0.06	-3.07e-04	9.19e-04	9.55e-05
1707	71	-0.04	0.02	-0.05	-2.76e-04	7.86e-04	8.56e-05
1707	93	-2.30e-03	0.01	-0.06	-3.04e-04	9.08e-04	9.47e-05
1708	7	-0.08	0.04	-0.08	-4.84e-04	9.01e-04	9.81e-05
1708	29	-1.72e-03	0.03	-0.10	-5.15e-04	1.18e-03	1.23e-04
1708	39	-0.04	0.02	-0.08	-4.52e-04	9.02e-04	9.88e-05
1708	61	-2.57e-03	0.02	-0.09	-4.66e-04	1.03e-03	1.11e-04
1708	71	-0.04	0.02	-0.08	-4.50e-04	9.02e-04	9.89e-05
1708	93	-2.65e-03	0.02	-0.09	-4.63e-04	1.02e-03	1.10e-04
1709	7	-0.07	0.03	-0.02	-2.37e-04	7.12e-04	-1.14e-03
1709	8	-0.08	0.02	-0.01	-2.01e-04	5.61e-04	-9.85e-04
1709	29	0.03	0.02	-0.03	-3.04e-04	9.94e-04	-1.21e-03
1709	39	-0.04	0.02	-0.02	-2.37e-04	7.15e-04	-1.05e-03

1709	40	-0.04	9.56e-03	-0.02	-2.20e-04	6.44e-04	-9.84e-04
1709	61	0.01	9.47e-03	-0.02	-2.69e-04	8.48e-04	-1.09e-03
1709	71	-0.03	0.01	-0.02	-2.37e-04	7.15e-04	-1.05e-03
1709	72	-0.04	8.85e-03	-0.02	-2.22e-04	6.50e-04	-9.84e-04
1709	93	0.01	8.76e-03	-0.02	-2.66e-04	8.37e-04	-1.08e-03
1710	6	0.09	2.01e-03	-0.26	2.13e-03	-1.46e-03	-1.51e-04
1710	19	-5.54e-03	0.07	-0.27	2.22e-03	-1.71e-03	-1.84e-04
1710	25	6.86e-03	0.05	-0.28	2.30e-03	-1.68e-03	-1.81e-04
1710	38	0.05	0.02	-0.26	2.10e-03	-1.52e-03	-1.58e-04
1710	51	-1.92e-03	0.05	-0.27	2.15e-03	-1.63e-03	-1.73e-04
1710	57	4.38e-03	0.04	-0.27	2.18e-03	-1.62e-03	-1.72e-04
1710	70	0.04	0.02	-0.26	2.10e-03	-1.52e-03	-1.58e-04
1710	83	-1.62e-03	0.05	-0.26	2.14e-03	-1.63e-03	-1.73e-04
1710	89	4.17e-03	0.04	-0.27	2.17e-03	-1.61e-03	-1.71e-04
1711	6	0.10	0.01	-0.33	2.15e-03	-1.48e-03	-1.52e-04
1711	19	-3.08e-03	0.08	-0.35	2.26e-03	-1.72e-03	-1.87e-04
1711	25	8.58e-03	0.06	-0.36	2.34e-03	-1.69e-03	-1.84e-04
1711	38	0.05	0.03	-0.33	2.13e-03	-1.54e-03	-1.60e-04
1711	51	3.15e-04	0.06	-0.34	2.17e-03	-1.65e-03	-1.76e-04
1711	57	6.29e-03	0.05	-0.34	2.21e-03	-1.74e-03	-1.84e-04
1711	70	0.04	0.03	-0.33	2.12e-03	-1.54e-03	-1.60e-04
1711	83	6.05e-04	0.06	-0.34	2.17e-03	-1.65e-03	-1.75e-04
1711	89	6.08e-03	0.05	-0.34	2.20e-03	-1.63e-03	-1.74e-04
1712	6	0.10	0.03	-0.45	2.17e-03	-1.48e-03	-1.52e-04
1712	19	4.64e-04	0.09	-0.46	2.28e-03	-1.72e-03	-1.84e-04
1712	25	0.01	0.08	-0.47	2.36e-03	-1.69e-03	-1.81e-04
1712	38	0.05	0.04	-0.44	2.15e-03	-1.54e-03	-1.59e-04
1712	51	3.65e-03	0.07	-0.45	2.20e-03	-1.65e-03	-1.74e-04
1712	57	9.31e-03	0.07	-0.45	2.24e-03	-1.63e-03	-1.72e-04
1712	70	0.05	0.04	-0.44	2.14e-03	-1.54e-03	-1.59e-04
1712	83	3.93e-03	0.07	-0.45	2.19e-03	-1.64e-03	-1.73e-04
1712	89	9.12e-03	0.07	-0.45	2.23e-03	-1.63e-03	-1.72e-04
1713	6	0.10	0.04	-0.53	2.19e-03	-1.53e-03	-1.39e-04
1713	19	2.42e-03	0.10	-0.54	2.30e-03	-1.59e-03	-1.70e-04
1713	25	0.01	0.09	-0.55	2.39e-03	-1.64e-03	-1.67e-04
1713	38	0.05	0.05	-0.52	2.16e-03	-1.52e-03	-1.46e-04
1713	51	5.65e-03	0.08	-0.52	2.22e-03	-1.54e-03	-1.60e-04
1713	57	0.01	0.08	-0.53	2.26e-03	-1.57e-03	-1.59e-04
1713	70	0.05	0.05	-0.52	2.16e-03	-1.52e-03	-1.46e-04
1713	83	5.93e-03	0.08	-0.52	2.21e-03	-1.54e-03	-1.60e-04
1713	89	0.01	0.08	-0.53	2.25e-03	-1.56e-03	-1.58e-04
1714	6	0.10	0.05	-0.60	2.20e-03	-1.34e-03	-1.14e-04
1714	19	4.19e-03	0.11	-0.61	2.32e-03	-1.39e-03	-1.39e-04
1714	25	0.02	0.10	-0.62	2.41e-03	-1.43e-03	-1.37e-04
1714	38	0.06	0.06	-0.59	2.18e-03	-1.32e-03	-1.19e-04
1714	51	7.45e-03	0.09	-0.59	2.23e-03	-1.35e-03	-1.31e-04
1714	57	0.01	0.09	-0.60	2.27e-03	-1.37e-03	-1.30e-04
1714	70	0.05	0.06	-0.59	2.17e-03	-1.32e-03	-1.20e-04
1714	83	7.73e-03	0.09	-0.59	2.22e-03	-1.35e-03	-1.30e-04
1714	89	0.01	0.09	-0.60	2.26e-03	-1.36e-03	-1.29e-04
1715	6	0.11	0.05	-0.66	2.21e-03	-1.03e-03	-8.35e-05
1715	19	5.68e-03	0.12	-0.67	2.33e-03	-1.08e-03	-9.98e-05
1715	25	0.02	0.11	-0.68	2.43e-03	-1.11e-03	-1.05e-04
1715	38	0.06	0.07	-0.65	2.18e-03	-1.02e-03	-8.38e-05
1715	51	8.94e-03	0.10	-0.65	2.24e-03	-1.04e-03	-9.15e-05
1715	57	0.01	0.09	-0.66	2.29e-03	-1.06e-03	-9.40e-05
1715	70	0.05	0.07	-0.65	2.18e-03	-1.02e-03	-8.38e-05
1715	83	9.22e-03	0.10	-0.65	2.23e-03	-1.04e-03	-9.09e-05
1715	89	0.01	0.09	-0.66	2.27e-03	-1.05e-03	-9.32e-05
1716	6	0.11	0.06	-0.71	2.22e-03	-6.45e-04	-2.91e-05
1716	17	0.06	0.11	-0.73	2.43e-03	-6.92e-04	-4.02e-05
1716	19	6.77e-03	0.13	-0.71	2.35e-03	-6.76e-04	-3.83e-05
1716	38	0.06	0.08	-0.70	2.19e-03	-6.40e-04	-2.92e-05
1716	49	0.03	0.10	-0.71	2.29e-03	-6.62e-04	-3.44e-05
1716	51	0.01	0.11	-0.70	2.25e-03	-6.54e-04	-3.35e-05
1716	70	0.05	0.08	-0.70	2.19e-03	-6.39e-04	-2.92e-05
1716	81	0.03	0.10	-0.71	2.28e-03	-6.59e-04	-3.39e-05
1716	83	0.01	0.11	-0.70	2.25e-03	-6.52e-04	-3.31e-05
1717	6	0.11	0.06	-0.73	2.23e-03	-2.03e-04	3.37e-05
1717	17	0.06	0.12	-0.76	2.45e-03	-2.37e-04	4.11e-05
1717	19	7.38e-03	0.13	-0.74	2.37e-03	-2.29e-04	3.91e-05
1717	38	0.06	0.08	-0.72	2.20e-03	-2.02e-04	3.32e-05
1717	49	0.04	0.10	-0.73	2.31e-03	-2.17e-04	3.67e-05
1717	51	0.01	0.11	-0.73	2.27e-03	-2.13e-04	3.57e-05
1717	70	0.05	0.08	-0.72	2.20e-03	-2.01e-04	3.31e-05
1717	81	0.03	0.10	-0.73	2.29e-03	-2.16e-04	3.63e-05
1717	83	0.01	0.11	-0.72	2.26e-03	-2.12e-04	3.55e-05

1718	6	0.11	0.06	-0.74	2.25e-03	2.21e-04	8.82e-05
1718	17	0.06	0.12	-0.76	2.47e-03	2.92e-04	1.01e-04
1718	19	7.46e-03	0.13	-0.75	2.39e-03	3.03e-04	1.04e-04
1718	38	0.06	0.08	-0.73	2.22e-03	2.39e-04	9.22e-05
1718	49	0.04	0.11	-0.74	2.33e-03	2.72e-04	9.83e-05
1718	51	0.01	0.11	-0.73	2.29e-03	2.77e-04	9.99e-05
1718	70	0.05	0.08	-0.73	2.22e-03	2.40e-04	9.25e-05
1718	81	0.03	0.10	-0.74	2.31e-03	2.70e-04	9.80e-05
1718	83	0.01	0.11	-0.73	2.28e-03	2.75e-04	9.95e-05
1719	6	0.11	0.06	-0.72	2.28e-03	6.98e-04	1.63e-04
1719	19	7.01e-03	0.13	-0.73	2.42e-03	7.47e-04	1.64e-04
1719	25	0.02	0.11	-0.75	2.52e-03	7.73e-04	1.68e-04
1719	38	0.06	0.08	-0.71	2.25e-03	6.93e-04	1.60e-04
1719	51	0.01	0.11	-0.72	2.31e-03	7.16e-04	1.60e-04
1719	57	0.02	0.10	-0.73	2.36e-03	7.28e-04	1.62e-04
1719	70	0.05	0.08	-0.71	2.25e-03	6.93e-04	1.60e-04
1719	83	0.01	0.11	-0.72	2.31e-03	7.14e-04	1.60e-04
1719	89	0.02	0.10	-0.72	2.35e-03	7.25e-04	1.62e-04
1720	6	0.11	0.06	-0.69	2.31e-03	1.09e-03	2.16e-04
1720	19	6.08e-03	0.12	-0.70	2.45e-03	1.15e-03	2.20e-04
1720	25	0.02	0.11	-0.72	2.56e-03	1.18e-03	2.25e-04
1720	38	0.06	0.08	-0.68	2.28e-03	1.08e-03	2.14e-04
1720	51	9.12e-03	0.11	-0.69	2.35e-03	1.11e-03	2.16e-04
1720	57	0.01	0.10	-0.69	2.40e-03	1.12e-03	2.18e-04
1720	70	0.05	0.08	-0.68	2.28e-03	1.08e-03	2.13e-04
1720	83	9.38e-03	0.10	-0.68	2.34e-03	1.11e-03	2.15e-04
1720	89	0.01	0.10	-0.69	2.39e-03	1.12e-03	2.17e-04
1721	6	0.10	0.05	-0.64	2.36e-03	1.39e-03	2.65e-04
1721	25	0.01	0.10	-0.67	2.60e-03	1.50e-03	2.76e-04
1721	27	-0.04	0.12	-0.65	2.52e-03	1.47e-03	2.70e-04
1721	38	0.06	0.07	-0.63	2.33e-03	1.38e-03	2.61e-04
1721	57	0.01	0.09	-0.65	2.44e-03	1.43e-03	2.67e-04
1721	59	-0.01	0.10	-0.64	2.40e-03	1.42e-03	2.64e-04
1721	70	0.05	0.07	-0.63	2.32e-03	1.38e-03	2.61e-04
1721	89	0.01	0.09	-0.64	2.43e-03	1.43e-03	2.66e-04
1721	91	-0.01	0.10	-0.64	2.39e-03	1.41e-03	2.63e-04
1722	6	0.10	0.04	-0.58	2.40e-03	1.59e-03	2.91e-04
1722	25	0.01	0.09	-0.61	2.65e-03	1.71e-03	3.03e-04
1722	27	-0.04	0.11	-0.60	2.56e-03	1.68e-03	2.96e-04
1722	38	0.05	0.06	-0.57	2.37e-03	1.58e-03	2.88e-04
1722	57	0.01	0.08	-0.59	2.49e-03	1.64e-03	2.93e-04
1722	59	-0.01	0.09	-0.58	2.45e-03	1.62e-03	2.90e-04
1722	70	0.05	0.06	-0.57	2.37e-03	1.58e-03	2.87e-04
1722	89	0.01	0.08	-0.59	2.47e-03	1.63e-03	2.93e-04
1722	91	-0.01	0.09	-0.58	2.44e-03	1.62e-03	2.90e-04
1723	6	0.10	0.03	-0.51	2.44e-03	1.68e-03	3.07e-04
1723	25	0.01	0.08	-0.55	2.68e-03	1.81e-03	3.20e-04
1723	27	-0.04	0.10	-0.54	2.60e-03	1.77e-03	3.13e-04
1723	38	0.05	0.05	-0.50	2.41e-03	1.67e-03	3.03e-04
1723	39	-0.04	0.08	-0.49	2.35e-03	1.65e-03	2.97e-04
1723	57	9.33e-03	0.08	-0.52	2.52e-03	1.73e-03	3.09e-04
1723	70	0.05	0.05	-0.50	2.40e-03	1.67e-03	3.03e-04
1723	71	-0.03	0.08	-0.49	2.35e-03	1.65e-03	2.97e-04
1723	89	9.17e-03	0.07	-0.52	2.51e-03	1.72e-03	3.08e-04
1724	6	0.10	0.02	-0.43	2.44e-03	1.70e-03	3.08e-04
1724	25	9.68e-03	0.07	-0.46	2.68e-03	1.83e-03	3.20e-04
1724	27	-0.04	0.09	-0.45	2.60e-03	1.79e-03	3.14e-04
1724	38	0.05	0.04	-0.42	2.41e-03	1.69e-03	3.05e-04
1724	39	-0.04	0.07	-0.41	2.35e-03	1.67e-03	2.98e-04
1724	57	7.65e-03	0.06	-0.44	2.52e-03	1.75e-03	3.11e-04
1724	70	0.05	0.04	-0.42	2.40e-03	1.69e-03	3.04e-04
1724	71	-0.04	0.07	-0.42	2.35e-03	1.67e-03	2.99e-04
1724	89	7.47e-03	0.06	-0.44	2.51e-03	1.74e-03	3.10e-04
1725	6	0.10	0.03	-0.47	2.41e-03	1.67e-03	3.00e-04
1725	25	0.01	0.08	-0.50	2.65e-03	1.80e-03	3.12e-04
1725	27	-0.04	0.09	-0.48	2.57e-03	1.76e-03	3.05e-04
1725	38	0.05	0.05	-0.46	2.38e-03	1.66e-03	2.97e-04
1725	39	-0.04	0.08	-0.45	2.32e-03	1.64e-03	2.91e-04
1725	57	8.64e-03	0.07	-0.47	2.49e-03	1.72e-03	3.02e-04
1725	70	0.05	0.05	-0.46	2.38e-03	1.66e-03	2.96e-04
1725	71	-0.03	0.07	-0.45	2.32e-03	1.64e-03	2.91e-04
1725	89	8.46e-03	0.07	-0.47	2.48e-03	1.71e-03	3.01e-04
1726	6	0.10	0.03	-0.50	2.38e-03	1.61e-03	2.97e-04
1726	25	0.01	0.08	-0.53	2.62e-03	1.74e-03	3.09e-04
1726	27	-0.04	0.10	-0.51	2.54e-03	1.70e-03	3.03e-04
1726	38	0.05	0.05	-0.49	2.35e-03	1.60e-03	2.94e-04
1726	57	9.62e-03	0.07	-0.51	2.46e-03	1.66e-03	3.00e-04

1726	59	-0.02	0.08	-0.50	2.42e-03	1.65e-03	2.97e-04
1726	70	0.05	0.05	-0.49	2.34e-03	1.60e-03	2.94e-04
1726	89	9.43e-03	0.07	-0.50	2.45e-03	1.66e-03	2.99e-04
1726	91	-0.01	0.08	-0.50	2.41e-03	1.64e-03	2.96e-04
1727	6	0.10	0.04	-0.53	2.35e-03	1.53e-03	2.77e-04
1727	25	0.01	0.09	-0.56	2.59e-03	1.65e-03	2.87e-04
1727	27	-0.04	0.10	-0.54	2.51e-03	1.62e-03	2.81e-04
1727	38	0.05	0.05	-0.53	2.31e-03	1.52e-03	2.74e-04
1727	57	0.01	0.08	-0.54	2.43e-03	1.58e-03	2.79e-04
1727	59	-0.01	0.08	-0.53	2.39e-03	1.56e-03	2.76e-04
1727	70	0.05	0.06	-0.52	2.31e-03	1.52e-03	2.73e-04
1727	89	0.01	0.08	-0.54	2.42e-03	1.57e-03	2.78e-04
1727	91	-0.01	0.08	-0.53	2.38e-03	1.55e-03	2.75e-04
1728	6	0.10	0.04	-0.56	2.31e-03	1.41e-03	2.62e-04
1728	25	0.01	0.09	-0.59	2.56e-03	1.53e-03	2.72e-04
1728	27	-0.04	0.11	-0.57	2.48e-03	1.50e-03	2.66e-04
1728	38	0.05	0.06	-0.56	2.28e-03	1.40e-03	2.59e-04
1728	57	0.01	0.08	-0.57	2.40e-03	1.46e-03	2.63e-04
1728	59	-0.01	0.09	-0.56	2.36e-03	1.44e-03	2.61e-04
1728	70	0.05	0.06	-0.55	2.28e-03	1.40e-03	2.58e-04
1728	89	0.01	0.08	-0.56	2.39e-03	1.45e-03	2.63e-04
1728	91	-0.01	0.09	-0.56	2.35e-03	1.44e-03	2.60e-04
1729	6	0.10	0.05	-0.59	2.28e-03	1.27e-03	2.45e-04
1729	25	0.01	0.10	-0.61	2.53e-03	1.38e-03	2.55e-04
1729	27	-0.04	0.11	-0.60	2.45e-03	1.35e-03	2.49e-04
1729	38	0.05	0.06	-0.58	2.25e-03	1.26e-03	2.42e-04
1729	57	0.01	0.09	-0.59	2.37e-03	1.31e-03	2.47e-04
1729	59	-0.01	0.09	-0.59	2.33e-03	1.30e-03	2.44e-04
1729	70	0.05	0.06	-0.58	2.25e-03	1.26e-03	2.42e-04
1729	89	0.01	0.08	-0.59	2.36e-03	1.31e-03	2.46e-04
1729	91	-0.01	0.09	-0.58	2.32e-03	1.29e-03	2.43e-04
1730	6	0.10	0.05	-0.61	2.25e-03	1.10e-03	2.14e-04
1730	17	0.06	0.10	-0.64	2.48e-03	1.19e-03	2.23e-04
1730	19	3.86e-03	0.11	-0.62	2.40e-03	1.16e-03	2.18e-04
1730	38	0.06	0.06	-0.61	2.22e-03	1.10e-03	2.12e-04
1730	49	0.03	0.09	-0.62	2.33e-03	1.14e-03	2.16e-04
1730	51	7.14e-03	0.10	-0.61	2.29e-03	1.12e-03	2.14e-04
1730	70	0.05	0.07	-0.61	2.22e-03	1.09e-03	2.11e-04
1730	81	0.03	0.09	-0.61	2.32e-03	1.13e-03	2.15e-04
1730	83	7.42e-03	0.09	-0.61	2.28e-03	1.12e-03	2.13e-04
1731	6	0.10	0.05	-0.63	2.23e-03	9.13e-04	1.91e-04
1731	17	0.06	0.10	-0.66	2.45e-03	9.90e-04	1.98e-04
1731	19	4.39e-03	0.12	-0.64	2.37e-03	9.67e-04	1.93e-04
1731	38	0.06	0.07	-0.63	2.20e-03	9.07e-04	1.88e-04
1731	49	0.03	0.09	-0.64	2.31e-03	9.43e-04	1.91e-04
1731	51	7.70e-03	0.10	-0.63	2.27e-03	9.32e-04	1.89e-04
1731	70	0.05	0.07	-0.63	2.20e-03	9.06e-04	1.88e-04
1731	81	0.03	0.09	-0.63	2.29e-03	9.39e-04	1.91e-04
1731	83	7.98e-03	0.10	-0.63	2.26e-03	9.29e-04	1.89e-04
1732	6	0.10	0.05	-0.65	2.21e-03	7.06e-04	1.63e-04
1732	17	0.06	0.10	-0.67	2.43e-03	7.71e-04	1.68e-04
1732	19	4.80e-03	0.12	-0.65	2.35e-03	7.52e-04	1.63e-04
1732	38	0.06	0.07	-0.64	2.18e-03	7.01e-04	1.60e-04
1732	49	0.03	0.09	-0.65	2.29e-03	7.32e-04	1.62e-04
1732	51	8.14e-03	0.10	-0.64	2.25e-03	7.23e-04	1.60e-04
1732	70	0.05	0.07	-0.64	2.18e-03	7.01e-04	1.60e-04
1732	81	0.03	0.09	-0.65	2.27e-03	7.29e-04	1.62e-04
1732	83	8.42e-03	0.10	-0.64	2.24e-03	7.21e-04	1.60e-04
1733	6	0.11	0.05	-0.66	2.19e-03	4.88e-04	1.26e-04
1733	17	0.06	0.10	-0.68	2.42e-03	5.39e-04	1.34e-04
1733	19	5.09e-03	0.12	-0.66	2.34e-03	5.24e-04	1.31e-04
1733	38	0.06	0.07	-0.65	2.16e-03	4.84e-04	1.25e-04
1733	49	0.03	0.09	-0.66	2.27e-03	5.08e-04	1.29e-04
1733	51	8.45e-03	0.10	-0.65	2.23e-03	5.01e-04	1.27e-04
1733	70	0.05	0.07	-0.65	2.16e-03	4.84e-04	1.25e-04
1733	81	0.03	0.09	-0.66	2.26e-03	5.05e-04	1.28e-04
1733	83	8.74e-03	0.10	-0.65	2.22e-03	4.99e-04	1.27e-04
1734	6	0.11	0.05	-0.67	2.17e-03	2.23e-04	8.87e-05
1734	17	0.06	0.11	-0.69	2.40e-03	2.88e-04	1.02e-04
1734	19	5.24e-03	0.12	-0.67	2.32e-03	2.99e-04	1.06e-04
1734	38	0.06	0.07	-0.66	2.15e-03	2.40e-04	9.32e-05
1734	49	0.03	0.10	-0.67	2.25e-03	2.70e-04	9.96e-05
1734	51	8.63e-03	0.10	-0.66	2.22e-03	2.75e-04	1.01e-04
1734	70	0.05	0.07	-0.66	2.15e-03	2.41e-04	9.35e-05
1734	81	0.03	0.09	-0.66	2.24e-03	2.68e-04	9.94e-05
1734	83	8.92e-03	0.10	-0.66	2.21e-03	2.73e-04	1.01e-04
1735	6	0.11	0.05	-0.67	2.16e-03	1.37e-06	6.42e-05

1735	17	0.06	0.11	-0.69	2.39e-03	5.08e-05	7.08e-05
1735	19	5.26e-03	0.12	-0.67	2.31e-03	5.88e-05	6.84e-05
1735	38	0.06	0.07	-0.66	2.14e-03	1.39e-05	6.33e-05
1735	49	0.03	0.10	-0.67	2.24e-03	3.67e-05	6.64e-05
1735	51	8.66e-03	0.10	-0.66	2.21e-03	4.04e-05	6.52e-05
1735	70	0.05	0.07	-0.66	2.14e-03	1.48e-05	6.32e-05
1735	81	0.03	0.09	-0.66	2.23e-03	3.57e-05	6.60e-05
1735	83	8.95e-03	0.10	-0.66	2.20e-03	3.91e-05	6.50e-05
1736	6	0.11	0.05	-0.66	2.16e-03	-2.08e-04	2.74e-05
1736	17	0.06	0.11	-0.68	2.38e-03	-2.39e-04	3.60e-05
1736	19	5.14e-03	0.12	-0.66	2.30e-03	-2.30e-04	3.83e-05
1736	38	0.06	0.07	-0.65	2.13e-03	-2.06e-04	2.78e-05
1736	49	0.03	0.09	-0.66	2.23e-03	-2.20e-04	3.18e-05
1736	51	8.56e-03	0.10	-0.65	2.20e-03	-2.16e-04	3.29e-05
1736	70	0.05	0.07	-0.65	2.13e-03	-2.06e-04	2.78e-05
1736	81	0.03	0.09	-0.66	2.22e-03	-2.19e-04	3.15e-05
1736	83	8.85e-03	0.10	-0.65	2.19e-03	-2.15e-04	3.25e-05
1737	6	0.11	0.05	-0.65	2.15e-03	-4.35e-04	0.0
1737	17	0.06	0.10	-0.67	2.37e-03	-4.73e-04	-1.32e-05
1737	19	4.88e-03	0.12	-0.65	2.29e-03	-4.61e-04	-1.06e-05
1737	38	0.06	0.07	-0.64	2.13e-03	-4.32e-04	0.0
1737	49	0.03	0.09	-0.65	2.23e-03	-4.49e-04	-6.47e-06
1737	51	8.32e-03	0.10	-0.64	2.19e-03	-4.44e-04	-5.27e-06
1737	70	0.05	0.07	-0.64	2.12e-03	-4.31e-04	0.0
1737	81	0.03	0.09	-0.65	2.22e-03	-4.47e-04	-5.97e-06
1737	83	8.61e-03	0.10	-0.64	2.18e-03	-4.43e-04	-4.87e-06
1738	6	0.10	0.05	-0.63	2.15e-03	-6.52e-04	-3.00e-05
1738	17	0.06	0.10	-0.65	2.36e-03	-7.02e-04	-4.03e-05
1738	19	4.49e-03	0.12	-0.64	2.29e-03	-6.86e-04	-3.86e-05
1738	38	0.06	0.07	-0.63	2.13e-03	-6.48e-04	-3.01e-05
1738	49	0.03	0.09	-0.63	2.22e-03	-6.71e-04	-3.49e-05
1738	51	7.94e-03	0.10	-0.63	2.19e-03	-6.63e-04	-3.41e-05
1738	70	0.05	0.07	-0.62	2.12e-03	-6.47e-04	-3.01e-05
1738	81	0.03	0.09	-0.63	2.21e-03	-6.68e-04	-3.45e-05
1738	83	8.23e-03	0.10	-0.63	2.18e-03	-6.62e-04	-3.38e-05
1739	6	0.10	0.05	-0.61	2.15e-03	-8.56e-04	-6.16e-05
1739	17	0.06	0.10	-0.63	2.36e-03	-9.17e-04	-7.77e-05
1739	19	3.98e-03	0.11	-0.62	2.28e-03	-8.97e-04	-7.51e-05
1739	38	0.06	0.06	-0.61	2.13e-03	-8.49e-04	-6.19e-05
1739	49	0.03	0.09	-0.61	2.22e-03	-8.78e-04	-6.95e-05
1739	51	7.44e-03	0.09	-0.61	2.19e-03	-8.68e-04	-6.83e-05
1739	70	0.05	0.07	-0.60	2.12e-03	-8.49e-04	-6.20e-05
1739	81	0.03	0.09	-0.61	2.21e-03	-8.75e-04	-6.89e-05
1739	83	7.73e-03	0.09	-0.61	2.18e-03	-8.66e-04	-6.78e-05
1740	6	0.10	0.04	-0.59	2.15e-03	-1.04e-03	-8.33e-05
1740	17	0.06	0.10	-0.61	2.35e-03	-1.11e-03	-1.04e-04
1740	19	3.35e-03	0.11	-0.59	2.28e-03	-1.09e-03	-1.01e-04
1740	38	0.05	0.06	-0.58	2.13e-03	-1.03e-03	-8.38e-05
1740	49	0.03	0.09	-0.59	2.22e-03	-1.07e-03	-9.35e-05
1740	51	6.81e-03	0.09	-0.58	2.19e-03	-1.06e-03	-9.20e-05
1740	70	0.05	0.06	-0.58	2.13e-03	-1.03e-03	-8.38e-05
1740	81	0.03	0.08	-0.59	2.21e-03	-1.06e-03	-9.27e-05
1740	83	7.11e-03	0.09	-0.58	2.18e-03	-1.05e-03	-9.13e-05
1741	6	0.10	0.04	-0.56	2.16e-03	-1.20e-03	-1.07e-04
1741	17	0.05	0.09	-0.58	2.35e-03	-1.29e-03	-1.22e-04
1741	19	2.62e-03	0.11	-0.56	2.28e-03	-1.26e-03	-1.19e-04
1741	38	0.05	0.06	-0.55	2.13e-03	-1.20e-03	-1.07e-04
1741	49	0.03	0.08	-0.56	2.22e-03	-1.23e-03	-1.14e-04
1741	51	6.08e-03	0.09	-0.55	2.19e-03	-1.22e-03	-1.13e-04
1741	70	0.05	0.06	-0.55	2.13e-03	-1.19e-03	-1.07e-04
1741	81	0.03	0.08	-0.56	2.21e-03	-1.23e-03	-1.13e-04
1741	83	6.38e-03	0.09	-0.55	2.18e-03	-1.22e-03	-1.12e-04
1742	6	0.10	0.04	-0.53	2.16e-03	-1.34e-03	-1.29e-04
1742	19	1.80e-03	0.10	-0.53	2.28e-03	-1.40e-03	-1.44e-04
1742	25	0.01	0.09	-0.55	2.37e-03	-1.44e-03	-1.50e-04
1742	38	0.05	0.05	-0.52	2.14e-03	-1.33e-03	-1.29e-04
1742	51	5.26e-03	0.08	-0.52	2.19e-03	-1.36e-03	-1.36e-04
1742	57	0.01	0.08	-0.53	2.23e-03	-1.38e-03	-1.39e-04
1742	70	0.05	0.05	-0.52	2.13e-03	-1.33e-03	-1.29e-04
1742	83	5.55e-03	0.08	-0.52	2.18e-03	-1.36e-03	-1.35e-04
1742	89	0.01	0.08	-0.53	2.22e-03	-1.37e-03	-1.38e-04
1743	6	0.10	0.03	-0.49	2.17e-03	-1.45e-03	-1.29e-04
1743	19	9.12e-04	0.10	-0.50	2.28e-03	-1.51e-03	-1.61e-04
1743	25	0.01	0.08	-0.51	2.37e-03	-1.56e-03	-1.59e-04
1743	38	0.05	0.05	-0.48	2.14e-03	-1.44e-03	-1.35e-04
1743	51	4.36e-03	0.08	-0.49	2.19e-03	-1.47e-03	-1.51e-04
1743	57	0.01	0.07	-0.49	2.23e-03	-1.49e-03	-1.50e-04

1743	70	0.05	0.05	-0.48	2.14e-03	-1.44e-03	-1.36e-04
1743	83	4.65e-03	0.08	-0.49	2.19e-03	-1.46e-03	-1.50e-04
1743	89	0.01	0.07	-0.49	2.22e-03	-1.48e-03	-1.49e-04
1744	6	0.10	0.03	-0.45	2.17e-03	-1.53e-03	-1.40e-04
1744	19	-3.67e-05	0.09	-0.46	2.28e-03	-1.60e-03	-1.71e-04
1744	25	0.01	0.08	-0.47	2.36e-03	-1.64e-03	-1.69e-04
1744	38	0.05	0.04	-0.45	2.14e-03	-1.52e-03	-1.46e-04
1744	51	3.40e-03	0.07	-0.45	2.19e-03	-1.55e-03	-1.61e-04
1744	57	9.45e-03	0.07	-0.46	2.23e-03	-1.57e-03	-1.60e-04
1744	70	0.05	0.04	-0.45	2.14e-03	-1.52e-03	-1.47e-04
1744	83	3.69e-03	0.07	-0.45	2.19e-03	-1.54e-03	-1.60e-04
1744	89	9.24e-03	0.07	-0.46	2.22e-03	-1.56e-03	-1.59e-04
1745	6	0.10	0.02	-0.41	2.17e-03	-1.45e-03	-1.45e-04
1745	19	-1.03e-03	0.09	-0.42	2.27e-03	-1.69e-03	-1.82e-04
1745	25	0.01	0.07	-0.44	2.36e-03	-1.66e-03	-1.79e-04
1745	38	0.05	0.04	-0.41	2.14e-03	-1.51e-03	-1.53e-04
1745	51	2.40e-03	0.07	-0.41	2.19e-03	-1.62e-03	-1.70e-04
1745	57	8.42e-03	0.06	-0.42	2.23e-03	-1.60e-03	-1.69e-04
1745	70	0.05	0.04	-0.41	2.14e-03	-1.51e-03	-1.53e-04
1745	83	2.69e-03	0.07	-0.41	2.18e-03	-1.61e-03	-1.69e-04
1745	89	8.22e-03	0.06	-0.42	2.22e-03	-1.60e-03	-1.68e-04
1746	6	0.10	0.02	-0.37	2.16e-03	-1.48e-03	-1.50e-04
1746	19	-2.05e-03	0.08	-0.39	2.27e-03	-1.72e-03	-1.83e-04
1746	25	9.68e-03	0.07	-0.40	2.35e-03	-1.80e-03	-1.80e-04
1746	38	0.05	0.03	-0.37	2.14e-03	-1.53e-03	-1.58e-04
1746	51	1.37e-03	0.06	-0.38	2.19e-03	-1.64e-03	-1.73e-04
1746	57	7.36e-03	0.06	-0.38	2.22e-03	-1.63e-03	-1.72e-04
1746	70	0.05	0.03	-0.37	2.13e-03	-1.54e-03	-1.58e-04
1746	83	1.66e-03	0.06	-0.37	2.18e-03	-1.64e-03	-1.72e-04
1746	89	7.16e-03	0.06	-0.38	2.21e-03	-1.63e-03	-1.71e-04
1747	6	0.10	0.01	-0.35	2.44e-03	1.75e-03	3.02e-04
1747	25	8.19e-03	0.06	-0.37	2.68e-03	1.88e-03	3.13e-04
1747	27	-0.04	0.08	-0.36	2.60e-03	1.85e-03	3.07e-04
1747	38	0.05	0.03	-0.34	2.41e-03	1.74e-03	2.99e-04
1747	39	-0.04	0.06	-0.34	2.35e-03	1.72e-03	2.93e-04
1747	57	5.94e-03	0.05	-0.36	2.53e-03	1.80e-03	3.04e-04
1747	70	0.04	0.03	-0.34	2.41e-03	1.74e-03	2.98e-04
1747	71	-0.04	0.06	-0.34	2.36e-03	1.72e-03	2.93e-04
1747	89	5.74e-03	0.05	-0.36	2.51e-03	1.80e-03	3.03e-04
1748	6	0.10	0.02	-0.39	2.40e-03	1.73e-03	3.05e-04
1748	25	9.24e-03	0.07	-0.41	2.64e-03	1.86e-03	3.16e-04
1748	27	-0.04	0.08	-0.40	2.56e-03	1.82e-03	3.10e-04
1748	38	0.05	0.03	-0.38	2.37e-03	1.72e-03	3.02e-04
1748	57	6.96e-03	0.06	-0.39	2.48e-03	1.78e-03	3.07e-04
1748	59	-0.02	0.06	-0.39	2.44e-03	1.76e-03	3.04e-04
1748	70	0.05	0.04	-0.38	2.37e-03	1.71e-03	3.02e-04
1748	89	6.76e-03	0.06	-0.39	2.47e-03	1.77e-03	3.06e-04
1748	91	-0.02	0.06	-0.39	2.43e-03	1.75e-03	3.04e-04
1749	6	0.10	0.02	-0.42	2.35e-03	1.67e-03	2.91e-04
1749	25	0.01	0.07	-0.44	2.60e-03	1.80e-03	3.02e-04
1749	27	-0.04	0.09	-0.43	2.51e-03	1.76e-03	2.96e-04
1749	38	0.05	0.04	-0.42	2.32e-03	1.66e-03	2.88e-04
1749	57	7.97e-03	0.06	-0.43	2.44e-03	1.72e-03	2.93e-04
1749	59	-0.02	0.07	-0.42	2.40e-03	1.70e-03	2.90e-04
1749	70	0.05	0.04	-0.42	2.32e-03	1.66e-03	2.88e-04
1749	89	7.76e-03	0.06	-0.42	2.42e-03	1.71e-03	2.92e-04
1749	91	-0.02	0.07	-0.42	2.39e-03	1.70e-03	2.90e-04
1750	6	0.10	0.03	-0.46	2.31e-03	1.58e-03	2.67e-04
1750	25	0.01	0.08	-0.47	2.55e-03	1.71e-03	2.78e-04
1750	27	-0.04	0.09	-0.46	2.47e-03	1.67e-03	2.73e-04
1750	38	0.05	0.04	-0.45	2.28e-03	1.57e-03	2.65e-04
1750	57	8.93e-03	0.07	-0.46	2.39e-03	1.63e-03	2.70e-04
1750	59	-0.02	0.07	-0.45	2.35e-03	1.62e-03	2.68e-04
1750	70	0.05	0.05	-0.45	2.27e-03	1.57e-03	2.65e-04
1750	89	8.73e-03	0.07	-0.46	2.38e-03	1.63e-03	2.69e-04
1750	91	-0.01	0.07	-0.45	2.34e-03	1.61e-03	2.67e-04
1751	6	0.10	0.03	-0.49	2.26e-03	1.46e-03	2.62e-04
1751	25	0.01	0.08	-0.50	2.51e-03	1.58e-03	2.71e-04
1751	27	-0.04	0.10	-0.49	2.43e-03	1.55e-03	2.66e-04
1751	38	0.05	0.05	-0.48	2.23e-03	1.45e-03	2.60e-04
1751	57	9.84e-03	0.07	-0.49	2.35e-03	1.51e-03	2.64e-04
1751	59	-0.02	0.08	-0.48	2.31e-03	1.49e-03	2.61e-04
1751	70	0.05	0.05	-0.48	2.23e-03	1.45e-03	2.59e-04
1751	89	9.63e-03	0.07	-0.49	2.34e-03	1.50e-03	2.63e-04
1751	91	-0.01	0.08	-0.48	2.30e-03	1.49e-03	2.61e-04
1752	6	0.10	0.04	-0.52	2.22e-03	1.32e-03	2.38e-04
1752	17	0.05	0.08	-0.53	2.45e-03	1.42e-03	2.46e-04

1752	27	-0.04	0.10	-0.52	2.39e-03	1.39e-03	2.42e-04
1752	38	0.05	0.05	-0.51	2.19e-03	1.31e-03	2.35e-04
1752	49	0.03	0.08	-0.52	2.30e-03	1.35e-03	2.39e-04
1752	59	-0.01	0.08	-0.51	2.27e-03	1.34e-03	2.37e-04
1752	70	0.05	0.05	-0.51	2.19e-03	1.31e-03	2.35e-04
1752	81	0.03	0.07	-0.52	2.29e-03	1.35e-03	2.39e-04
1752	91	-0.01	0.08	-0.51	2.26e-03	1.34e-03	2.37e-04
1753	6	0.10	0.04	-0.54	2.18e-03	1.14e-03	2.05e-04
1753	17	0.05	0.09	-0.56	2.41e-03	1.23e-03	2.16e-04
1753	19	1.68e-03	0.10	-0.54	2.33e-03	1.20e-03	2.12e-04
1753	38	0.05	0.06	-0.53	2.16e-03	1.14e-03	2.04e-04
1753	49	0.03	0.08	-0.54	2.27e-03	1.18e-03	2.09e-04
1753	59	-0.01	0.09	-0.53	2.24e-03	1.17e-03	2.08e-04
1753	70	0.05	0.06	-0.53	2.15e-03	1.14e-03	2.04e-04
1753	81	0.03	0.08	-0.54	2.25e-03	1.17e-03	2.08e-04
1753	91	-0.01	0.08	-0.53	2.23e-03	1.16e-03	2.07e-04
1754	6	0.10	0.04	-0.56	2.15e-03	9.47e-04	1.86e-04
1754	17	0.05	0.09	-0.58	2.38e-03	1.02e-03	1.93e-04
1754	19	2.22e-03	0.11	-0.56	2.31e-03	9.99e-04	1.89e-04
1754	38	0.05	0.06	-0.55	2.13e-03	9.40e-04	1.84e-04
1754	49	0.03	0.08	-0.56	2.24e-03	9.76e-04	1.87e-04
1754	51	5.76e-03	0.09	-0.56	2.20e-03	9.64e-04	1.85e-04
1754	70	0.05	0.06	-0.55	2.12e-03	9.40e-04	1.84e-04
1754	81	0.03	0.08	-0.56	2.22e-03	9.72e-04	1.87e-04
1754	83	6.07e-03	0.09	-0.55	2.19e-03	9.62e-04	1.85e-04
1755	6	0.10	0.04	-0.58	2.13e-03	7.35e-04	1.55e-04
1755	17	0.05	0.09	-0.59	2.36e-03	7.95e-04	1.62e-04
1755	19	2.64e-03	0.11	-0.58	2.28e-03	7.76e-04	1.59e-04
1755	38	0.05	0.06	-0.57	2.10e-03	7.29e-04	1.53e-04
1755	49	0.03	0.08	-0.58	2.21e-03	7.57e-04	1.57e-04
1755	51	6.21e-03	0.09	-0.57	2.17e-03	7.48e-04	1.55e-04
1755	70	0.05	0.06	-0.57	2.10e-03	7.28e-04	1.53e-04
1755	81	0.03	0.08	-0.58	2.20e-03	7.54e-04	1.56e-04
1755	83	6.51e-03	0.09	-0.57	2.17e-03	7.46e-04	1.55e-04
1756	6	0.10	0.04	-0.59	2.11e-03	4.59e-04	1.19e-04
1756	17	0.05	0.10	-0.60	2.34e-03	5.40e-04	1.31e-04
1756	19	2.93e-03	0.11	-0.59	2.26e-03	5.55e-04	1.28e-04
1756	38	0.05	0.06	-0.58	2.08e-03	4.80e-04	1.18e-04
1756	49	0.03	0.08	-0.59	2.19e-03	5.19e-04	1.24e-04
1756	51	6.52e-03	0.09	-0.58	2.15e-03	5.26e-04	1.22e-04
1756	70	0.05	0.06	-0.58	2.08e-03	4.82e-04	1.18e-04
1756	81	0.03	0.08	-0.59	2.18e-03	5.17e-04	1.23e-04
1756	83	6.82e-03	0.09	-0.58	2.15e-03	5.24e-04	1.22e-04
1757	6	0.10	0.05	-0.59	2.09e-03	2.38e-04	8.93e-05
1757	17	0.06	0.10	-0.61	2.32e-03	2.96e-04	9.63e-05
1757	19	3.08e-03	0.11	-0.60	2.25e-03	3.08e-04	9.39e-05
1757	38	0.05	0.06	-0.59	2.07e-03	2.54e-04	8.86e-05
1757	49	0.03	0.09	-0.59	2.18e-03	2.81e-04	9.18e-05
1757	51	6.68e-03	0.09	-0.59	2.14e-03	2.86e-04	9.07e-05
1757	70	0.05	0.06	-0.59	2.07e-03	2.55e-04	8.85e-05
1757	81	0.03	0.08	-0.59	2.16e-03	2.80e-04	9.14e-05
1757	83	6.99e-03	0.09	-0.59	2.13e-03	2.85e-04	9.04e-05
1758	6	0.10	0.05	-0.60	2.08e-03	1.14e-05	5.45e-05
1758	17	0.06	0.10	-0.61	2.31e-03	5.30e-05	6.49e-05
1758	19	3.08e-03	0.11	-0.60	2.23e-03	6.13e-05	6.28e-05
1758	38	0.05	0.06	-0.59	2.06e-03	2.30e-05	5.43e-05
1758	49	0.03	0.09	-0.59	2.17e-03	4.22e-05	5.91e-05
1758	51	6.71e-03	0.09	-0.59	2.13e-03	4.61e-05	5.80e-05
1758	70	0.05	0.06	-0.59	2.06e-03	2.38e-05	5.43e-05
1758	81	0.03	0.08	-0.59	2.15e-03	4.14e-05	5.86e-05
1758	83	7.02e-03	0.09	-0.59	2.12e-03	4.50e-05	5.77e-05
1759	6	0.10	0.04	-0.59	2.08e-03	-2.06e-04	2.47e-05
1759	17	0.05	0.10	-0.61	2.30e-03	-2.33e-04	3.54e-05
1759	19	2.95e-03	0.11	-0.59	2.23e-03	-2.25e-04	3.31e-05
1759	38	0.05	0.06	-0.58	2.05e-03	-2.04e-04	2.44e-05
1759	49	0.03	0.08	-0.59	2.16e-03	-2.16e-04	2.93e-05
1759	51	6.59e-03	0.09	-0.58	2.12e-03	-2.12e-04	2.83e-05
1759	70	0.05	0.06	-0.58	2.05e-03	-2.03e-04	2.44e-05
1759	81	0.03	0.08	-0.59	2.15e-03	-2.15e-04	2.89e-05
1759	83	6.90e-03	0.09	-0.58	2.11e-03	-2.11e-04	2.79e-05
1760	6	0.10	0.04	-0.58	2.07e-03	-4.35e-04	-2.83e-06
1760	17	0.05	0.09	-0.60	2.30e-03	-4.75e-04	-1.81e-05
1760	19	2.67e-03	0.11	-0.58	2.22e-03	-4.64e-04	-1.99e-05
1760	38	0.05	0.06	-0.57	2.05e-03	-4.32e-04	-6.23e-06
1760	49	0.03	0.08	-0.58	2.15e-03	-4.51e-04	-1.33e-05
1760	51	6.32e-03	0.09	-0.57	2.12e-03	-4.46e-04	-1.42e-05
1760	70	0.05	0.06	-0.57	2.05e-03	-4.32e-04	-6.48e-06

1760	81	0.03	0.08	-0.58	2.14e-03	-4.49e-04	-1.30e-05
1760	83	6.63e-03	0.09	-0.57	2.11e-03	-4.44e-04	-1.38e-05
1761	6	0.10	0.04	-0.56	2.08e-03	-6.56e-04	-3.09e-05
1761	17	0.05	0.09	-0.58	2.29e-03	-7.11e-04	-4.64e-05
1761	19	2.26e-03	0.11	-0.57	2.22e-03	-6.96e-04	-4.90e-05
1761	38	0.05	0.06	-0.56	2.05e-03	-6.52e-04	-3.48e-05
1761	49	0.03	0.08	-0.56	2.15e-03	-6.78e-04	-4.20e-05
1761	51	5.92e-03	0.09	-0.56	2.12e-03	-6.71e-04	-4.32e-05
1761	70	0.05	0.06	-0.56	2.05e-03	-6.52e-04	-3.51e-05
1761	81	0.03	0.08	-0.56	2.14e-03	-6.75e-04	-4.17e-05
1761	83	6.23e-03	0.09	-0.56	2.11e-03	-6.69e-04	-4.28e-05
1762	6	0.10	0.04	-0.54	2.08e-03	-6.73e-04	-5.22e-05
1762	17	0.05	0.09	-0.56	2.29e-03	-9.33e-04	-4.87e-05
1762	19	1.72e-03	0.10	-0.55	2.22e-03	-9.13e-04	-5.24e-05
1762	38	0.05	0.05	-0.54	2.06e-03	-8.58e-04	-5.76e-05
1762	49	0.03	0.08	-0.54	2.16e-03	-8.91e-04	-5.60e-05
1762	51	5.38e-03	0.09	-0.54	2.12e-03	-8.81e-04	-5.78e-05
1762	70	0.05	0.06	-0.54	2.05e-03	-8.57e-04	-5.80e-05
1762	81	0.03	0.08	-0.54	2.14e-03	-8.87e-04	-5.65e-05
1762	83	5.69e-03	0.08	-0.54	2.11e-03	-8.79e-04	-5.81e-05
1763	6	0.10	0.04	-0.52	2.09e-03	-1.05e-03	-9.34e-05
1763	17	0.05	0.09	-0.53	2.29e-03	-1.13e-03	-1.09e-04
1763	19	1.06e-03	0.10	-0.52	2.22e-03	-1.11e-03	-1.06e-04
1763	38	0.05	0.05	-0.51	2.07e-03	-1.04e-03	-9.32e-05
1763	49	0.03	0.08	-0.52	2.16e-03	-1.08e-03	-1.01e-04
1763	51	4.73e-03	0.08	-0.51	2.13e-03	-1.07e-03	-9.92e-05
1763	70	0.05	0.05	-0.51	2.06e-03	-1.04e-03	-9.32e-05
1763	81	0.03	0.07	-0.52	2.15e-03	-1.08e-03	-1.00e-04
1763	83	5.04e-03	0.08	-0.51	2.12e-03	-1.07e-03	-9.87e-05
1764	6	0.10	0.03	-0.49	2.10e-03	-1.22e-03	-1.02e-04
1764	17	0.05	0.08	-0.50	2.30e-03	-1.31e-03	-1.20e-04
1764	19	2.93e-04	0.10	-0.49	2.23e-03	-1.28e-03	-1.24e-04
1764	38	0.05	0.05	-0.48	2.08e-03	-1.21e-03	-1.07e-04
1764	49	0.03	0.07	-0.49	2.17e-03	-1.25e-03	-1.16e-04
1764	51	3.96e-03	0.08	-0.48	2.13e-03	-1.24e-03	-1.18e-04
1764	70	0.05	0.05	-0.48	2.07e-03	-1.21e-03	-1.08e-04
1764	81	0.03	0.07	-0.49	2.16e-03	-1.25e-03	-1.15e-04
1764	83	4.27e-03	0.08	-0.48	2.13e-03	-1.23e-03	-1.17e-04
1765	6	0.10	0.03	-0.46	2.11e-03	-1.35e-03	-1.18e-04
1765	17	0.05	0.08	-0.47	2.30e-03	-1.46e-03	-1.38e-04
1765	19	-5.62e-04	0.09	-0.46	2.23e-03	-1.42e-03	-1.42e-04
1765	38	0.05	0.04	-0.45	2.09e-03	-1.34e-03	-1.24e-04
1765	49	0.03	0.07	-0.46	2.18e-03	-1.39e-03	-1.33e-04
1765	51	3.11e-03	0.07	-0.45	2.14e-03	-1.38e-03	-1.35e-04
1765	70	0.05	0.04	-0.45	2.08e-03	-1.34e-03	-1.24e-04
1765	81	0.03	0.07	-0.46	2.17e-03	-1.39e-03	-1.33e-04
1765	83	3.41e-03	0.07	-0.45	2.14e-03	-1.37e-03	-1.34e-04
1766	6	0.10	0.02	-0.42	2.12e-03	-1.46e-03	-1.32e-04
1766	17	0.05	0.07	-0.43	2.31e-03	-1.57e-03	-1.52e-04
1766	19	-1.49e-03	0.09	-0.42	2.24e-03	-1.53e-03	-1.56e-04
1766	38	0.05	0.04	-0.42	2.10e-03	-1.45e-03	-1.37e-04
1766	49	0.03	0.06	-0.42	2.18e-03	-1.50e-03	-1.47e-04
1766	51	2.17e-03	0.07	-0.42	2.15e-03	-1.49e-03	-1.49e-04
1766	70	0.05	0.04	-0.41	2.10e-03	-1.45e-03	-1.38e-04
1766	81	0.03	0.06	-0.42	2.18e-03	-1.50e-03	-1.46e-04
1766	83	2.48e-03	0.07	-0.42	2.15e-03	-1.48e-03	-1.48e-04
1767	6	0.10	0.02	-0.38	2.13e-03	-1.54e-03	-1.43e-04
1767	19	-2.47e-03	0.08	-0.39	2.24e-03	-1.61e-03	-1.72e-04
1767	25	0.01	0.07	-0.40	2.33e-03	-1.66e-03	-1.69e-04
1767	38	0.05	0.03	-0.38	2.11e-03	-1.53e-03	-1.50e-04
1767	51	1.19e-03	0.06	-0.38	2.16e-03	-1.56e-03	-1.63e-04
1767	57	7.57e-03	0.06	-0.38	2.20e-03	-1.58e-03	-1.62e-04
1767	70	0.05	0.03	-0.38	2.11e-03	-1.53e-03	-1.50e-04
1767	83	1.49e-03	0.06	-0.38	2.15e-03	-1.56e-03	-1.63e-04
1767	89	7.35e-03	0.06	-0.38	2.19e-03	-1.58e-03	-1.61e-04
1768	6	0.10	0.01	-0.34	2.14e-03	-1.46e-03	-1.48e-04
1768	19	-3.48e-03	0.08	-0.35	2.24e-03	-1.69e-03	-1.79e-04
1768	25	9.04e-03	0.06	-0.36	2.33e-03	-1.67e-03	-1.76e-04
1768	38	0.05	0.03	-0.34	2.11e-03	-1.51e-03	-1.55e-04
1768	51	1.64e-04	0.06	-0.34	2.16e-03	-1.62e-03	-1.69e-04
1768	57	6.52e-03	0.05	-0.35	2.20e-03	-1.61e-03	-1.68e-04
1768	70	0.04	0.03	-0.34	2.11e-03	-1.51e-03	-1.55e-04
1768	83	4.71e-04	0.06	-0.34	2.16e-03	-1.62e-03	-1.69e-04
1768	89	6.31e-03	0.05	-0.35	2.19e-03	-1.60e-03	-1.67e-04
1769	6	0.10	7.16e-03	-0.30	2.14e-03	-1.71e-03	-1.71e-04
1769	19	-4.50e-03	0.07	-0.31	2.24e-03	-1.71e-03	-1.76e-04
1769	25	7.95e-03	0.06	-0.32	2.32e-03	-1.68e-03	-1.82e-04

1769	38	0.05	0.02	-0.30	2.11e-03	-1.52e-03	-1.68e-04
1769	51	-8.77e-04	0.05	-0.30	2.16e-03	-1.64e-03	-1.71e-04
1769	57	5.46e-03	0.05	-0.31	2.20e-03	-1.62e-03	-1.74e-04
1769	70	0.04	0.02	-0.30	2.11e-03	-1.53e-03	-1.68e-04
1769	83	-5.70e-04	0.05	-0.30	2.15e-03	-1.63e-03	-1.70e-04
1769	89	5.24e-03	0.05	-0.31	2.19e-03	-1.62e-03	-1.73e-04
1770	6	0.13	3.61e-03	-0.03	1.76e-04	2.70e-04	1.43e-04
1770	20	-0.02	-0.02	-0.02	3.10e-04	8.25e-05	9.16e-06
1770	29	6.55e-03	0.02	-0.03	3.23e-04	5.74e-05	-2.36e-05
1770	38	0.06	1.12e-03	-0.03	2.46e-04	1.70e-04	6.99e-05
1770	52	-8.97e-03	-0.01	-0.03	3.10e-04	8.03e-05	5.48e-06
1770	61	3.80e-03	7.04e-03	-0.03	3.15e-04	7.02e-05	-9.17e-06
1770	70	0.06	9.30e-04	-0.03	2.51e-04	1.63e-04	6.43e-05
1770	84	-8.13e-03	-9.54e-03	-0.03	3.10e-04	8.03e-05	5.27e-06
1770	93	3.58e-03	6.34e-03	-0.03	3.15e-04	7.11e-05	-8.12e-06
1771	6	0.13	6.07e-03	-0.04	2.00e-04	3.01e-04	1.41e-04
1771	7	-0.13	-8.26e-03	-0.04	4.97e-04	-6.98e-05	-1.34e-04
1771	20	-0.02	-0.02	-0.04	3.48e-04	1.15e-04	9.34e-06
1771	38	0.06	2.35e-03	-0.04	2.77e-04	2.04e-04	6.94e-05
1771	39	-0.06	-4.54e-03	-0.04	4.19e-04	1.50e-05	-6.18e-05
1771	52	-8.91e-03	-0.01	-0.04	3.49e-04	1.14e-04	5.91e-06
1771	70	0.06	2.06e-03	-0.04	2.83e-04	1.97e-04	6.38e-05
1771	71	-0.06	-4.25e-03	-0.04	4.13e-04	3.49e-05	-5.63e-05
1771	84	-8.06e-03	-9.43e-03	-0.04	3.49e-04	1.14e-04	5.72e-06
1772	6	0.14	8.54e-03	-0.05	1.45e-04	2.89e-04	1.35e-04
1772	7	-0.13	-0.01	-0.06	4.55e-04	-8.22e-05	-1.27e-04
1772	20	-0.02	-0.02	-0.05	3.01e-04	9.96e-05	1.03e-05
1772	38	0.07	3.59e-03	-0.05	2.26e-04	1.92e-04	6.67e-05
1772	39	-0.06	-5.59e-03	-0.06	3.74e-04	1.50e-05	-5.82e-05
1772	52	-8.80e-03	-0.01	-0.05	3.01e-04	1.01e-04	6.67e-06
1772	70	0.06	3.20e-03	-0.05	2.32e-04	1.84e-04	6.15e-05
1772	71	-0.06	-5.20e-03	-0.06	3.68e-04	2.24e-05	-5.29e-05
1772	84	-7.95e-03	-9.32e-03	-0.05	3.01e-04	1.01e-04	6.46e-06
1773	4	-0.13	-0.02	-0.07	3.25e-04	-1.07e-04	-9.35e-05
1773	6	0.14	0.01	-0.06	3.98e-05	2.43e-04	1.27e-04
1773	7	-0.14	-0.01	-0.07	3.49e-04	-1.36e-04	-1.17e-04
1773	36	-0.06	-0.01	-0.07	2.57e-04	-2.32e-05	-4.23e-05
1773	38	0.07	4.78e-03	-0.06	1.21e-04	1.44e-04	6.29e-05
1773	39	-0.07	-6.56e-03	-0.07	2.68e-04	-3.66e-05	-5.34e-05
1773	68	-0.05	-9.64e-03	-0.07	2.52e-04	-1.68e-05	-3.83e-05
1773	70	0.06	4.30e-03	-0.06	1.27e-04	1.36e-04	5.80e-05
1773	71	-0.06	-6.09e-03	-0.07	2.62e-04	-2.90e-05	-4.85e-05
1774	4	-0.13	-0.02	-0.08	1.83e-04	-1.88e-04	-8.37e-05
1774	6	0.15	0.01	-0.07	-9.15e-05	1.76e-04	1.17e-04
1774	7	-0.14	-0.01	-0.08	2.05e-04	-2.17e-04	-1.06e-04
1774	36	-0.06	-0.01	-0.07	1.18e-04	-1.01e-04	-3.74e-05
1774	38	0.07	5.90e-03	-0.07	-1.38e-05	7.34e-05	5.84e-05
1774	39	-0.07	-7.44e-03	-0.07	1.28e-04	-1.14e-04	-4.80e-05
1774	68	-0.06	-0.01	-0.07	1.12e-04	-9.38e-05	-3.38e-05
1774	70	0.06	5.34e-03	-0.07	-7.84e-06	6.55e-05	5.39e-05
1774	71	-0.06	-6.88e-03	-0.07	1.22e-04	-1.06e-04	-4.35e-05
1775	4	-0.13	-0.02	-0.07	2.87e-05	-2.82e-04	-7.36e-05
1775	6	0.15	0.02	-0.06	-2.27e-04	1.03e-04	1.07e-04
1775	7	-0.15	-0.02	-0.08	4.72e-05	-3.11e-04	-9.53e-05
1775	36	-0.06	-0.01	-0.07	-3.32e-05	-1.89e-04	-3.23e-05
1775	38	0.07	6.93e-03	-0.07	-1.55e-04	-5.52e-06	5.37e-05
1775	39	-0.07	-8.22e-03	-0.07	-2.46e-05	-2.03e-04	-4.25e-05
1775	68	-0.06	-0.01	-0.07	-3.79e-05	-1.82e-04	-2.91e-05
1775	70	0.07	6.29e-03	-0.07	-1.50e-04	-1.38e-05	4.96e-05
1775	71	-0.06	-7.58e-03	-0.07	-3.01e-05	-1.95e-04	-3.84e-05
1776	4	-0.13	-0.03	-0.07	-1.19e-04	-3.74e-04	-6.37e-05
1776	6	0.15	0.02	-0.05	-3.48e-04	3.58e-05	9.66e-05
1776	7	-0.15	-0.02	-0.07	-1.04e-04	-4.05e-04	-8.46e-05
1776	36	-0.06	-0.01	-0.06	-1.74e-04	-2.75e-04	-2.74e-05
1776	38	0.07	7.87e-03	-0.06	-2.84e-04	-7.95e-05	4.91e-05
1776	39	-0.07	-8.90e-03	-0.06	-1.68e-04	-2.89e-04	-3.72e-05
1776	68	-0.06	-0.01	-0.06	-1.79e-04	-2.67e-04	-2.46e-05
1776	70	0.07	7.16e-03	-0.06	-2.79e-04	-8.83e-05	4.55e-05
1776	71	-0.06	-8.19e-03	-0.06	-1.72e-04	-2.80e-04	-3.36e-05
1777	4	-0.14	-0.03	-0.05	-2.40e-04	-4.51e-04	-5.47e-05
1777	6	0.16	0.02	-0.04	-4.37e-04	-1.16e-05	8.76e-05
1777	7	-0.15	-0.02	-0.05	-2.28e-04	-4.83e-04	-7.49e-05
1777	36	-0.06	-0.01	-0.05	-2.88e-04	-3.45e-04	-2.29e-05
1777	38	0.08	8.74e-03	-0.04	-3.82e-04	-1.35e-04	4.50e-05
1777	39	-0.07	-9.48e-03	-0.05	-2.83e-04	-3.59e-04	-3.24e-05
1777	68	-0.06	-0.01	-0.05	-2.92e-04	-3.37e-04	-2.05e-05
1777	70	0.07	7.97e-03	-0.04	-3.78e-04	-1.44e-04	4.18e-05

1777	71	-0.07	-8.72e-03	-0.05	-2.87e-04	-3.50e-04	-2.91e-05
1778	4	-0.14	-0.03	-0.03	-3.14e-04	-4.99e-04	-4.70e-05
1778	6	0.16	0.02	-0.02	-4.70e-04	-2.13e-05	8.03e-05
1778	7	-0.15	-0.02	-0.03	-3.23e-04	-5.31e-04	-6.67e-05
1778	36	-0.06	-0.01	-0.03	-3.57e-04	-3.83e-04	-1.90e-05
1778	38	0.08	9.54e-03	-0.02	-4.32e-04	-1.55e-04	4.18e-05
1778	39	-0.07	-1.00e-02	-0.03	-3.61e-04	-3.98e-04	-2.82e-05
1778	68	-0.06	-0.01	-0.03	-3.60e-04	-3.74e-04	-1.68e-05
1778	70	0.07	8.72e-03	-0.02	-4.29e-04	-1.65e-04	3.89e-05
1778	71	-0.07	-9.18e-03	-0.03	-3.64e-04	-3.88e-04	-2.52e-05
1779	3	-0.09	-3.72e-03	-0.02	1.31e-04	5.18e-05	-7.22e-05
1779	6	0.09	1.34e-03	-0.02	1.16e-04	2.48e-04	8.87e-05
1779	20	-0.02	-0.03	-0.02	1.60e-04	1.91e-04	1.73e-05
1779	35	-0.04	-2.56e-03	-0.02	1.27e-04	1.04e-04	-3.00e-05
1779	38	0.04	-1.29e-04	-0.02	1.20e-04	1.96e-04	4.66e-05
1779	52	-7.79e-03	-0.01	-0.02	1.40e-04	1.68e-04	1.23e-05
1779	67	-0.04	-2.47e-03	-0.02	1.27e-04	1.08e-04	-2.68e-05
1779	70	0.04	-2.42e-04	-0.02	1.20e-04	1.92e-04	4.34e-05
1779	84	-7.13e-03	-0.01	-0.02	1.39e-04	1.67e-04	1.19e-05
1780	6	0.09	8.09e-04	-0.03	6.31e-05	2.27e-04	1.00e-04
1780	20	-0.02	-0.02	-0.03	1.03e-04	1.54e-04	1.52e-05
1780	28	-0.01	-0.02	-0.03	1.04e-04	1.56e-04	1.50e-05
1780	38	0.04	-3.44e-04	-0.03	6.65e-05	1.68e-04	5.11e-05
1780	52	-7.94e-03	-0.01	-0.03	8.49e-05	1.32e-04	1.03e-05
1780	60	-5.68e-03	-0.01	-0.03	8.55e-05	1.33e-04	1.02e-05
1780	70	0.04	-4.33e-04	-0.03	6.67e-05	1.63e-04	4.74e-05
1780	84	-7.24e-03	-0.01	-0.03	8.35e-05	1.31e-04	9.97e-06
1780	92	-5.18e-03	-0.01	-0.03	8.41e-05	1.32e-04	9.91e-06
1781	6	0.10	1.86e-04	-0.03	-1.35e-05	1.94e-04	1.15e-04
1781	20	-0.02	-0.02	-0.03	2.77e-05	1.04e-04	1.36e-05
1781	26	0.04	-0.02	-0.03	1.72e-05	1.70e-04	7.24e-05
1781	38	0.05	-6.23e-04	-0.03	-7.54e-06	1.28e-04	5.73e-05
1781	52	-8.17e-03	-0.01	-0.03	1.17e-05	8.42e-05	8.55e-06
1781	58	0.02	-8.92e-03	-0.03	6.73e-06	1.15e-04	3.67e-05
1781	70	0.04	-6.84e-04	-0.03	-7.07e-06	1.23e-04	5.29e-05
1781	84	-7.43e-03	-0.01	-0.03	1.05e-05	8.28e-05	8.22e-06
1781	90	0.02	-8.28e-03	-0.03	5.99e-06	1.11e-04	3.40e-05
1782	6	0.10	-3.12e-04	-0.03	-1.07e-04	1.56e-04	1.27e-04
1782	20	-0.02	-0.02	-0.03	-8.10e-05	4.87e-05	1.22e-05
1782	26	0.04	-0.02	-0.03	-9.99e-05	1.23e-04	7.85e-05
1782	38	0.05	-8.52e-04	-0.03	-8.83e-05	8.20e-05	6.24e-05
1782	52	-8.43e-03	-0.01	-0.03	-7.55e-05	3.03e-05	7.04e-06
1782	58	0.02	-8.75e-03	-0.03	-8.45e-05	6.55e-05	3.87e-05
1782	70	0.04	-8.93e-04	-0.03	-8.68e-05	7.64e-05	5.74e-05
1782	84	-7.66e-03	-0.01	-0.03	-7.51e-05	2.91e-05	6.71e-06
1782	90	0.02	-8.12e-03	-0.03	-8.34e-05	6.13e-05	3.57e-05
1783	6	0.11	-4.83e-04	-0.03	-1.66e-04	1.21e-04	1.36e-04
1783	20	-0.02	-0.02	-0.03	-1.19e-04	-4.38e-06	1.11e-05
1783	26	0.05	-0.02	-0.03	-1.47e-04	7.85e-05	8.25e-05
1783	38	0.05	-9.28e-04	-0.03	-1.40e-04	4.00e-05	6.59e-05
1783	52	-8.66e-03	-0.01	-0.03	-1.17e-04	-2.06e-05	5.96e-06
1783	58	0.02	-8.54e-03	-0.03	-1.31e-04	1.88e-05	4.01e-05
1783	70	0.05	-9.61e-04	-0.03	-1.38e-04	3.39e-05	6.05e-05
1783	84	-7.86e-03	-0.01	-0.03	-1.17e-04	-2.17e-05	5.63e-06
1783	90	0.02	-7.93e-03	-0.03	-1.29e-04	1.45e-05	3.69e-05
1784	6	0.11	-2.16e-04	-0.02	-1.81e-04	1.02e-04	1.40e-04
1784	24	-0.01	-0.02	-0.02	-1.18e-04	-2.87e-05	3.06e-05
1784	26	0.05	-0.02	-0.02	-1.51e-04	4.85e-05	8.46e-05
1784	38	0.05	-7.91e-04	-0.02	-1.46e-04	1.31e-05	6.77e-05
1784	56	-5.01e-03	-0.01	-0.02	-1.16e-04	-5.00e-05	1.50e-05
1784	58	0.02	-8.27e-03	-0.02	-1.32e-04	-1.32e-05	4.08e-05
1784	70	0.05	-8.34e-04	-0.02	-1.44e-04	6.38e-06	6.22e-05
1784	88	-4.51e-03	-0.01	-0.02	-1.16e-04	-5.14e-05	1.38e-05
1784	90	0.02	-7.68e-03	-0.02	-1.30e-04	-1.78e-05	3.75e-05
1785	6	0.12	4.75e-04	-0.02	-1.26e-04	1.14e-04	1.42e-04
1785	24	-0.01	-0.02	-0.01	-4.40e-05	-3.77e-05	3.07e-05
1785	26	0.05	-0.02	-0.02	-8.62e-05	4.83e-05	8.50e-05
1785	38	0.06	-4.46e-04	-0.02	-8.16e-05	1.77e-05	6.84e-05
1785	56	-4.74e-03	-0.01	-0.01	-4.23e-05	-5.55e-05	1.51e-05
1785	58	0.03	-7.93e-03	-0.02	-6.25e-05	-1.46e-05	4.10e-05
1785	70	0.05	-5.16e-04	-0.02	-7.82e-05	1.03e-05	6.28e-05
1785	88	-4.26e-03	-9.89e-03	-0.01	-4.22e-05	-5.67e-05	1.39e-05
1785	90	0.02	-7.37e-03	-0.02	-6.07e-05	-1.93e-05	3.77e-05
1786	6	0.12	2.31e-03	-3.21e-03	-8.86e-05	1.17e-04	0.0
1786	7	-0.12	-5.28e-03	-0.04	1.37e-04	-2.01e-04	0.0
1786	20	-0.02	-0.03	-0.02	3.54e-05	-1.53e-05	0.0
1786	38	0.06	3.38e-04	-0.01	-2.95e-05	3.30e-05	0.0

1786	39	-0.06	-3.31e-03	-0.03	7.82e-05	-1.18e-04	0.0
1786	52	-8.96e-03	-0.01	-0.02	2.99e-05	-3.07e-05	0.0
1786	70	0.05	1.85e-04	-0.01	-2.50e-05	2.66e-05	0.0
1786	71	-0.05	-3.15e-03	-0.03	7.37e-05	-1.11e-04	0.0
1786	84	-8.12e-03	-0.01	-0.02	2.95e-05	-3.17e-05	0.0
1787	4	-0.14	-0.02	-0.06	-2.41e-04	-5.39e-04	0.0
1787	6	0.16	0.01	-0.01	-4.42e-04	-7.55e-05	0.0
1787	7	-0.16	-0.02	-0.06	-2.40e-04	-5.75e-04	0.0
1787	36	-0.07	-0.01	-0.05	-2.93e-04	-4.28e-04	0.0
1787	38	0.08	6.29e-03	-0.02	-3.89e-04	-2.06e-04	0.0
1787	39	-0.07	-7.74e-03	-0.05	-2.93e-04	-4.44e-04	0.0
1787	68	-0.06	-0.01	-0.05	-2.97e-04	-4.19e-04	0.0
1787	70	0.07	5.70e-03	-0.03	-3.85e-04	-2.16e-04	0.0
1787	71	-0.07	-7.15e-03	-0.05	-2.97e-04	-4.34e-04	0.0
1788	6	0.13	7.92e-04	-4.98e-03	1.86e-05	1.64e-04	0.0
1788	7	-0.12	-3.70e-03	-0.04	2.68e-04	-1.71e-04	0.0
1788	20	-0.02	-0.02	-0.02	1.52e-04	1.62e-05	0.0
1788	38	0.06	-3.80e-04	-0.01	8.38e-05	7.62e-05	0.0
1788	39	-0.06	-2.53e-03	-0.03	2.03e-04	-8.31e-05	0.0
1788	52	-8.95e-03	-0.01	-0.02	1.48e-04	4.74e-06	0.0
1788	70	0.06	-4.70e-04	-0.02	8.88e-05	6.95e-05	0.0
1788	71	-0.05	-2.44e-03	-0.03	1.98e-04	-7.64e-05	0.0
1788	84	-8.10e-03	-0.01	-0.02	1.47e-04	4.03e-06	0.0
1789	6	0.13	-2.87e-04	-0.01	1.31e-04	2.29e-04	0.0
1789	7	-0.13	-2.55e-03	-0.05	4.10e-04	-1.19e-04	0.0
1789	20	-0.02	-0.02	-0.03	2.76e-04	6.70e-05	0.0
1789	38	0.06	-8.88e-04	-0.02	2.04e-04	1.38e-04	0.0
1789	39	-0.06	-1.95e-03	-0.04	3.37e-04	-2.76e-05	0.0
1789	52	-8.89e-03	-0.01	-0.03	2.73e-04	5.97e-05	0.0
1789	70	0.06	-9.33e-04	-0.02	2.09e-04	1.31e-04	0.0
1789	71	-0.06	-1.91e-03	-0.04	3.31e-04	-2.07e-05	0.0
1789	84	-8.04e-03	-0.01	-0.03	2.73e-04	5.93e-05	0.0
1790	6	0.14	-4.65e-04	-0.02	1.82e-04	2.67e-04	0.0
1790	7	-0.13	-2.29e-03	-0.07	4.89e-04	-8.85e-05	0.0
1790	24	-7.78e-03	-0.02	-0.04	3.27e-04	1.09e-04	0.0
1790	38	0.07	-9.53e-04	-0.03	2.63e-04	1.74e-04	0.0
1790	39	-0.06	-1.81e-03	-0.06	4.09e-04	4.74e-06	0.0
1790	56	-3.09e-03	-0.01	-0.04	3.32e-04	9.78e-05	0.0
1790	70	0.06	-9.89e-04	-0.04	2.69e-04	1.67e-04	0.0
1790	71	-0.06	-1.77e-03	-0.05	4.02e-04	1.19e-05	0.0
1790	88	-2.72e-03	-0.01	-0.04	3.32e-04	9.71e-05	0.0
1791	6	0.14	6.18e-04	-0.04	1.58e-04	2.56e-04	0.0
1791	7	-0.14	-3.26e-03	-0.08	4.83e-04	-1.04e-04	0.0
1791	24	-6.88e-03	-0.02	-0.06	3.11e-04	9.22e-05	0.0
1791	38	0.07	-3.95e-04	-0.05	2.43e-04	1.62e-04	0.0
1791	39	-0.07	-2.25e-03	-0.07	3.98e-04	-9.54e-06	0.0
1791	56	-2.60e-03	-0.01	-0.06	3.16e-04	8.29e-05	0.0
1791	70	0.06	-4.73e-04	-0.05	2.50e-04	1.55e-04	0.0
1791	71	-0.06	-2.17e-03	-0.07	3.91e-04	-2.34e-06	0.0
1791	88	-2.25e-03	-9.93e-03	-0.06	3.17e-04	8.24e-05	0.0
1792	6	0.15	2.62e-03	-0.05	7.51e-05	2.08e-04	0.0
1792	7	-0.14	-5.12e-03	-0.10	4.04e-04	-1.63e-04	0.0
1792	20	-0.02	-0.02	-0.07	2.46e-04	2.08e-05	0.0
1792	38	0.07	6.09e-04	-0.06	1.61e-04	1.11e-04	0.0
1792	39	-0.07	-3.11e-03	-0.08	3.18e-04	-6.58e-05	0.0
1792	52	-8.44e-03	-0.01	-0.07	2.43e-04	2.08e-05	0.0
1792	70	0.06	4.54e-04	-0.06	1.68e-04	1.03e-04	0.0
1792	71	-0.06	-2.96e-03	-0.08	3.11e-04	-5.84e-05	0.0
1792	84	-7.59e-03	-9.71e-03	-0.07	2.43e-04	2.10e-05	0.0
1793	6	0.15	5.01e-03	-0.05	-4.41e-05	1.39e-04	0.0
1793	7	-0.15	-7.34e-03	-0.10	2.76e-04	-2.50e-04	0.0
1793	20	-0.02	-0.02	-0.08	1.25e-04	-5.91e-05	0.0
1793	38	0.07	1.80e-03	-0.06	3.96e-05	3.74e-05	0.0
1793	39	-0.07	-4.14e-03	-0.09	1.92e-04	-1.48e-04	0.0
1793	52	-8.19e-03	-0.01	-0.08	1.21e-04	-5.80e-05	0.0
1793	70	0.07	1.55e-03	-0.07	4.60e-05	2.96e-05	0.0
1793	71	-0.06	-3.89e-03	-0.09	1.85e-04	-1.40e-04	0.0
1793	84	-7.35e-03	-9.58e-03	-0.08	1.20e-04	-5.78e-05	0.0
1794	6	0.15	7.46e-03	-0.05	-1.76e-04	6.52e-05	0.0
1794	7	-0.15	-9.61e-03	-0.10	1.23e-04	-3.48e-04	0.0
1794	20	-0.02	-0.02	-0.08	-1.40e-05	-1.47e-04	0.0
1794	38	0.07	3.03e-03	-0.06	-9.80e-05	-4.30e-05	0.0
1794	39	-0.07	-5.18e-03	-0.09	4.48e-05	-2.40e-04	0.0
1794	52	-7.90e-03	-0.01	-0.08	-2.02e-05	-1.45e-04	0.0
1794	70	0.07	2.69e-03	-0.06	-9.20e-05	-5.13e-05	0.0
1794	71	-0.06	-4.83e-03	-0.09	3.88e-05	-2.31e-04	0.0
1794	84	-7.06e-03	-9.46e-03	-0.08	-2.07e-05	-1.45e-04	0.0

1795	6	0.16	9.82e-03	-0.04	-2.99e-04	-1.82e-06	0.0
1795	7	-0.15	-0.01	-0.10	-2.97e-05	-4.42e-04	0.0
1795	20	-0.02	-0.02	-0.07	-1.50e-04	-2.30e-04	0.0
1795	36	-0.06	-0.01	-0.08	-1.07e-04	-3.11e-04	0.0
1795	38	0.08	4.21e-03	-0.06	-2.29e-04	-1.17e-04	0.0
1795	39	-0.07	-6.15e-03	-0.08	-1.00e-04	-3.27e-04	0.0
1795	68	-0.06	-9.37e-03	-0.08	-1.12e-04	-3.04e-04	0.0
1795	70	0.07	3.78e-03	-0.06	-2.23e-04	-1.26e-04	0.0
1795	71	-0.07	-5.72e-03	-0.08	-1.06e-04	-3.18e-04	0.0
1796	4	-0.14	-0.02	-0.08	-1.71e-04	-4.87e-04	0.0
1796	6	0.16	0.01	-0.03	-3.92e-04	-5.09e-05	0.0
1796	7	-0.16	-0.01	-0.08	-1.59e-04	-5.21e-04	0.0
1796	36	-0.07	-0.01	-0.07	-2.25e-04	-3.82e-04	0.0
1796	38	0.08	5.31e-03	-0.04	-3.31e-04	-1.74e-04	0.0
1796	39	-0.07	-7.01e-03	-0.07	-2.20e-04	-3.98e-04	0.0
1796	68	-0.06	-9.98e-03	-0.07	-2.29e-04	-3.74e-04	0.0
1796	70	0.07	4.79e-03	-0.04	-3.26e-04	-1.83e-04	0.0
1796	71	-0.07	-6.49e-03	-0.07	-2.24e-04	-3.89e-04	0.0
1797	6	0.09	-3.11e-03	-0.22	2.10e-03	-1.45e-03	-1.52e-04
1797	19	-6.57e-03	0.06	-0.24	2.20e-03	-1.69e-03	-1.87e-04
1797	25	5.77e-03	0.05	-0.24	2.28e-03	-1.66e-03	-1.84e-04
1797	38	0.05	0.01	-0.22	2.08e-03	-1.50e-03	-1.60e-04
1797	51	-2.97e-03	0.04	-0.23	2.12e-03	-1.62e-03	-1.76e-04
1797	57	3.31e-03	0.04	-0.23	2.16e-03	-1.60e-03	-1.75e-04
1797	70	0.04	0.01	-0.22	2.07e-03	-1.51e-03	-1.60e-04
1797	83	-2.67e-03	0.04	-0.23	2.12e-03	-1.61e-03	-1.75e-04
1797	89	3.10e-03	0.04	-0.23	2.15e-03	-1.60e-03	-1.74e-04
1798	7	-0.09	0.05	-0.18	1.97e-03	-1.65e-03	-1.70e-04
1798	19	-7.61e-03	0.06	-0.20	2.17e-03	-1.68e-03	-1.90e-04
1798	25	4.69e-03	0.04	-0.21	2.25e-03	-1.65e-03	-1.98e-04
1798	39	-0.04	0.04	-0.18	2.00e-03	-1.60e-03	-1.72e-04
1798	51	-4.02e-03	0.04	-0.19	2.09e-03	-1.61e-03	-1.81e-04
1798	57	2.24e-03	0.03	-0.19	2.13e-03	-1.59e-03	-1.85e-04
1798	71	-0.04	0.03	-0.18	2.00e-03	-1.59e-03	-1.72e-04
1798	83	-3.72e-03	0.04	-0.19	2.09e-03	-1.60e-03	-1.81e-04
1798	89	2.03e-03	0.03	-0.19	2.12e-03	-1.59e-03	-1.84e-04
1799	6	0.10	-0.02	-8.80e-03	6.31e-05	2.37e-04	2.46e-04
1799	7	-0.09	0.02	-0.03	1.03e-04	-1.51e-06	-1.22e-04
1799	18	0.04	-0.03	-9.32e-03	1.04e-04	2.19e-04	1.82e-04
1799	38	0.05	-0.01	-0.02	7.35e-05	1.74e-04	1.50e-04
1799	39	-0.04	7.49e-03	-0.03	9.28e-05	6.16e-05	-2.56e-05
1799	50	0.02	-0.02	-0.02	9.25e-05	1.65e-04	1.18e-04
1799	70	0.04	-0.01	-0.02	7.44e-05	1.70e-04	1.42e-04
1799	71	-0.04	6.69e-03	-0.03	9.20e-05	6.63e-05	-1.82e-05
1799	82	0.02	-0.01	-0.02	9.17e-05	1.61e-04	1.13e-04
1800	6	0.10	-0.02	-0.01	-2.04e-05	1.65e-04	0.0
1800	7	-0.10	0.02	-0.04	9.79e-05	-5.03e-05	0.0
1800	18	0.04	-0.03	-0.03	4.75e-05	1.54e-04	0.0
1800	38	0.05	-0.01	-0.02	1.07e-05	1.08e-04	0.0
1800	39	-0.05	7.52e-03	-0.03	6.68e-05	6.66e-06	0.0
1800	50	0.02	-0.01	-0.03	4.24e-05	1.02e-04	0.0
1800	70	0.04	-0.01	-0.02	1.31e-05	1.04e-04	0.0
1800	71	-0.04	6.74e-03	-0.03	6.44e-05	1.09e-05	0.0
1800	82	0.02	-0.01	-0.03	4.21e-05	9.83e-05	0.0
1801	6	0.11	-0.02	-0.01	-9.42e-05	1.30e-04	0.0
1801	7	-0.10	0.02	-0.04	5.53e-05	-1.13e-04	0.0
1801	18	0.04	-0.03	-0.03	-5.89e-05	1.09e-04	0.0
1801	38	0.05	-0.01	-0.02	-5.50e-05	6.55e-05	0.0
1801	39	-0.05	7.31e-03	-0.03	1.61e-05	-4.91e-05	0.0
1801	50	0.02	-0.01	-0.03	-3.79e-05	5.51e-05	0.0
1801	70	0.05	-9.87e-03	-0.02	-5.20e-05	6.07e-05	0.0
1801	71	-0.04	6.56e-03	-0.03	1.32e-05	-4.43e-05	0.0
1801	82	0.02	-0.01	-0.03	-3.64e-05	5.11e-05	0.0
1802	6	0.11	-0.02	-0.01	-1.44e-04	1.06e-04	0.0
1802	7	-0.11	0.02	-0.04	3.31e-05	-1.66e-04	0.0
1802	18	0.04	-0.03	-0.01	-9.65e-05	7.52e-05	0.0
1802	38	0.05	-0.01	-0.02	-9.74e-05	3.40e-05	0.0
1802	39	-0.05	6.92e-03	-0.03	-1.32e-05	-9.44e-05	0.0
1802	50	0.02	-0.01	-0.02	-7.47e-05	1.87e-05	0.0
1802	70	0.05	-9.34e-03	-0.02	-9.38e-05	2.86e-05	0.0
1802	71	-0.05	6.21e-03	-0.03	-1.67e-05	-8.90e-05	0.0
1802	82	0.02	-0.01	-0.02	-7.31e-05	1.46e-05	0.0
1803	6	0.12	-0.02	-6.10e-03	-1.44e-04	9.96e-05	0.0
1803	7	-0.11	0.02	-0.04	5.75e-05	-1.99e-04	0.0
1803	18	0.05	-0.03	-0.01	-8.93e-05	5.89e-05	0.0
1803	38	0.06	-9.42e-03	-0.01	-9.16e-05	2.11e-05	0.0
1803	39	-0.05	6.40e-03	-0.03	4.67e-06	-1.20e-04	0.0

1803	50	0.02	-0.01	-0.02	-6.51e-05	0.0	0.0
1803	70	0.05	-8.76e-03	-0.02	-8.76e-05	1.51e-05	0.0
1803	71	-0.05	5.73e-03	-0.03	0.0	-1.14e-04	0.0
1803	82	0.02	-0.01	-0.02	-6.33e-05	-3.40e-06	0.0
1804	7	-0.10	0.02	0.06	6.37e-04	-1.17e-03	-6.93e-04
1804	18	0.03	-0.05	0.04	5.85e-04	-9.61e-04	-6.98e-04
1804	27	-0.05	0.03	0.06	7.30e-04	-1.21e-03	-7.11e-04
1804	39	-0.05	4.16e-03	0.05	6.46e-04	-1.13e-03	-6.74e-04
1804	50	0.01	-0.03	0.05	6.22e-04	-1.02e-03	-6.76e-04
1804	59	-0.03	6.89e-03	0.05	6.90e-04	-1.14e-03	-6.82e-04
1804	71	-0.05	2.98e-03	0.05	6.47e-04	-1.12e-03	-6.72e-04
1804	82	0.01	-0.03	0.05	6.24e-04	-1.03e-03	-6.74e-04
1804	91	-0.03	5.48e-03	0.05	6.86e-04	-1.14e-03	-6.80e-04
1805	7	-0.10	0.03	3.80e-03	8.02e-04	-9.40e-04	-1.22e-03
1805	18	0.04	-0.04	-7.33e-04	7.62e-04	-7.23e-04	-1.14e-03
1805	27	-0.05	0.03	4.68e-03	8.93e-04	-9.77e-04	-1.31e-03
1805	39	-0.05	9.70e-03	2.79e-03	8.14e-04	-8.90e-04	-1.22e-03
1805	50	0.01	-0.02	6.62e-04	7.95e-04	-7.88e-04	-1.18e-03
1805	59	-0.03	0.01	3.19e-03	8.57e-04	-9.07e-04	-1.26e-03
1805	71	-0.05	8.53e-03	2.71e-03	8.15e-04	-8.87e-04	-1.22e-03
1805	82	0.01	-0.02	7.66e-04	7.98e-04	-7.93e-04	-1.19e-03
1805	91	-0.03	0.01	3.08e-03	8.54e-04	-9.02e-04	-1.26e-03
1806	7	-0.10	0.04	-0.08	1.82e-03	-1.61e-03	-1.67e-04
1806	19	-0.01	0.04	-0.09	2.00e-03	-1.73e-03	-1.73e-04
1806	25	2.02e-03	0.03	-0.10	2.07e-03	-1.60e-03	-1.70e-04
1806	39	-0.05	0.02	-0.08	1.85e-03	-1.55e-03	-1.60e-04
1806	51	-7.18e-03	0.02	-0.09	1.93e-03	-1.56e-03	-1.62e-04
1806	57	-5.99e-04	0.02	-0.09	1.97e-03	-1.55e-03	-1.60e-04
1806	71	-0.04	0.02	-0.08	1.85e-03	-1.55e-03	-1.59e-04
1806	83	-6.86e-03	0.02	-0.09	1.93e-03	-1.56e-03	-1.61e-04
1806	89	-8.24e-04	0.02	-0.09	1.96e-03	-1.54e-03	-1.60e-04
1807	7	-0.09	0.05	-0.15	1.91e-03	-1.61e-03	-1.57e-04
1807	19	-8.96e-03	0.05	-0.16	2.10e-03	-1.64e-03	-1.65e-04
1807	25	4.11e-03	0.04	-0.17	2.17e-03	-1.61e-03	-1.61e-04
1807	39	-0.05	0.03	-0.15	1.94e-03	-1.56e-03	-1.47e-04
1807	51	-5.14e-03	0.03	-0.16	2.03e-03	-1.57e-03	-1.51e-04
1807	57	1.48e-03	0.03	-0.16	2.06e-03	-1.56e-03	-1.49e-04
1807	71	-0.04	0.03	-0.15	1.94e-03	-1.55e-03	-1.46e-04
1807	83	-4.82e-03	0.03	-0.16	2.02e-03	-1.57e-03	-1.50e-04
1807	89	1.25e-03	0.03	-0.16	2.05e-03	-1.55e-03	-1.48e-04
1808	7	-0.07	0.04	-0.04	-3.00e-04	6.66e-04	8.37e-05
1808	8	-0.08	0.02	-0.03	-2.53e-04	5.31e-04	6.69e-05
1808	29	0.03	0.02	-0.06	-3.85e-04	9.19e-04	1.15e-04
1808	39	-0.04	0.02	-0.04	-3.00e-04	6.69e-04	8.40e-05
1808	40	-0.04	0.01	-0.03	-2.78e-04	6.05e-04	7.61e-05
1808	61	0.01	0.01	-0.05	-3.40e-04	7.88e-04	9.88e-05
1808	71	-0.03	0.02	-0.04	-3.00e-04	6.69e-04	8.40e-05
1808	72	-0.04	0.01	-0.04	-2.80e-04	6.11e-04	7.68e-05
1808	93	0.01	0.01	-0.05	-3.36e-04	7.78e-04	9.76e-05
1809	7	-0.10	0.02	0.03	7.13e-04	-1.08e-03	-8.51e-04
1809	18	0.03	-0.04	0.02	6.65e-04	-8.63e-04	-8.08e-04
1809	27	-0.05	0.03	0.03	8.04e-04	-1.11e-03	-9.09e-04
1809	39	-0.05	6.95e-03	0.03	7.22e-04	-1.03e-03	-8.54e-04
1809	50	0.01	-0.02	0.02	7.00e-04	-9.28e-04	-8.34e-04
1809	59	-0.03	9.47e-03	0.03	7.66e-04	-1.05e-03	-8.81e-04
1809	71	-0.05	5.78e-03	0.03	7.23e-04	-1.02e-03	-8.54e-04
1809	82	0.01	-0.02	0.02	7.03e-04	-9.32e-04	-8.36e-04
1809	91	-0.03	8.08e-03	0.03	7.63e-04	-1.04e-03	-8.79e-04
1810	7	-0.10	0.02	0.03	1.16e-03	-1.36e-03	-1.69e-04
1810	18	0.04	-0.04	0.01	1.09e-03	-1.13e-03	-1.38e-04
1810	31	-0.05	0.03	0.03	1.29e-03	-1.39e-03	-1.74e-04
1810	39	-0.05	7.58e-03	0.03	1.17e-03	-1.30e-03	-1.62e-04
1810	50	0.01	-0.02	0.02	1.14e-03	-1.20e-03	-1.47e-04
1810	63	-0.03	9.05e-03	0.03	1.24e-03	-1.32e-03	-1.64e-04
1810	71	-0.05	6.41e-03	0.02	1.17e-03	-1.30e-03	-1.61e-04
1810	82	0.01	-0.02	0.02	1.14e-03	-1.20e-03	-1.48e-04
1810	95	-0.02	7.75e-03	0.03	1.23e-03	-1.31e-03	-1.63e-04
1811	7	-0.10	0.03	-0.01	1.57e-03	-1.51e-03	-1.60e-04
1811	18	3.00e-03	-0.04	-0.04	1.49e-03	-1.27e-03	-1.23e-04
1811	30	0.04	-0.03	-0.04	1.47e-03	-1.27e-03	-1.20e-04
1811	39	-0.05	0.01	-0.02	1.59e-03	-1.45e-03	-1.52e-04
1811	50	-1.05e-03	-0.02	-0.03	1.55e-03	-1.34e-03	-1.35e-04
1811	62	0.01	-0.02	-0.03	1.54e-03	-1.34e-03	-1.34e-04
1811	71	-0.05	0.01	-0.02	1.59e-03	-1.45e-03	-1.52e-04
1811	82	-1.38e-03	-0.02	-0.03	1.56e-03	-1.35e-03	-1.36e-04
1811	94	0.01	-0.01	-0.03	1.55e-03	-1.34e-03	-1.35e-04
1812	7	-0.09	0.04	-0.11	1.86e-03	-1.59e-03	-1.62e-04

1812	19	-9.96e-03	0.05	-0.13	2.04e-03	-1.63e-03	-1.70e-04
1812	25	3.06e-03	0.03	-0.14	2.11e-03	-1.59e-03	-1.67e-04
1812	39	-0.05	0.03	-0.12	1.88e-03	-1.54e-03	-1.54e-04
1812	51	-6.15e-03	0.03	-0.12	1.97e-03	-1.55e-03	-1.58e-04
1812	57	4.40e-04	0.02	-0.13	2.00e-03	-1.54e-03	-1.57e-04
1812	71	-0.04	0.03	-0.12	1.88e-03	-1.54e-03	-1.54e-04
1812	83	-5.83e-03	0.03	-0.12	1.96e-03	-1.55e-03	-1.57e-04
1812	89	2.14e-04	0.02	-0.12	1.99e-03	-1.53e-03	-1.56e-04
1813	7	-0.07	0.04	-0.06	-4.89e-04	7.38e-04	9.15e-05
1813	8	-0.08	0.02	-0.05	-4.25e-04	6.01e-04	7.56e-05
1813	29	0.03	0.03	-0.09	-5.22e-04	9.92e-04	1.21e-04
1813	39	-0.04	0.02	-0.06	-4.55e-04	7.40e-04	9.19e-05
1813	40	-0.04	0.01	-0.06	-4.24e-04	6.76e-04	8.44e-05
1813	61	0.01	0.01	-0.08	-4.70e-04	8.59e-04	1.06e-04
1813	71	-0.03	0.02	-0.06	-4.52e-04	7.40e-04	9.19e-05
1813	72	-0.04	0.01	-0.06	-4.24e-04	6.81e-04	8.51e-05
1813	93	0.01	0.01	-0.07	-4.66e-04	8.49e-04	1.05e-04
1814	7	-0.07	0.03	-0.01	-2.40e-04	6.21e-04	-1.28e-03
1814	8	-0.08	0.02	-9.04e-03	-2.00e-04	4.89e-04	-1.15e-03
1814	29	0.03	0.02	-0.02	-3.10e-04	8.68e-04	-1.34e-03
1814	39	-0.04	0.02	-0.01	-2.39e-04	6.24e-04	-1.21e-03
1814	40	-0.04	8.93e-03	-0.01	-2.21e-04	5.62e-04	-1.15e-03
1814	61	0.01	8.88e-03	-0.02	-2.72e-04	7.40e-04	-1.24e-03
1814	71	-0.03	0.01	-0.01	-2.39e-04	6.24e-04	-1.21e-03
1814	72	-0.04	8.21e-03	-0.01	-2.22e-04	5.68e-04	-1.15e-03
1814	93	0.01	8.16e-03	-0.02	-2.69e-04	7.31e-04	-1.24e-03
1815	7	-0.10	0.04	-0.09	1.74e-03	-1.50e-03	-1.50e-04
1815	19	-0.01	0.04	-0.10	1.91e-03	-1.54e-03	-1.55e-04
1815	25	2.55e-03	0.03	-0.10	1.97e-03	-1.51e-03	-1.51e-04
1815	39	-0.05	0.02	-0.09	1.76e-03	-1.45e-03	-1.42e-04
1815	51	-7.24e-03	0.03	-0.09	1.84e-03	-1.47e-03	-1.44e-04
1815	57	-2.74e-04	0.02	-0.10	1.87e-03	-1.45e-03	-1.43e-04
1815	71	-0.04	0.02	-0.09	1.76e-03	-1.45e-03	-1.42e-04
1815	83	-6.90e-03	0.02	-0.09	1.84e-03	-1.46e-03	-1.44e-04
1815	89	-5.15e-04	0.02	-0.10	1.86e-03	-1.45e-03	-1.42e-04
1816	7	-0.10	0.03	-0.06	1.63e-03	-1.48e-03	-1.52e-04
1816	19	-0.01	0.04	-0.07	1.79e-03	-1.51e-03	-1.71e-04
1816	25	1.58e-03	0.03	-0.07	1.86e-03	-1.48e-03	-1.79e-04
1816	39	-0.05	0.02	-0.06	1.65e-03	-1.43e-03	-1.53e-04
1816	51	-8.19e-03	0.02	-0.06	1.73e-03	-1.44e-03	-1.62e-04
1816	57	-1.24e-03	0.01	-0.06	1.76e-03	-1.43e-03	-1.66e-04
1816	71	-0.04	0.02	-0.06	1.66e-03	-1.42e-03	-1.53e-04
1816	83	-7.85e-03	0.02	-0.06	1.72e-03	-1.43e-03	-1.62e-04
1816	89	-1.48e-03	0.01	-0.06	1.75e-03	-1.42e-03	-1.65e-04
1817	7	-0.07	0.03	-0.03	-3.07e-04	5.48e-04	8.20e-05
1817	8	-0.08	0.02	-0.02	-2.57e-04	4.29e-04	5.86e-05
1817	29	0.03	0.02	-0.05	-3.97e-04	7.72e-04	1.25e-04
1817	39	-0.04	0.02	-0.03	-3.07e-04	5.51e-04	8.23e-05
1817	40	-0.04	0.01	-0.03	-2.83e-04	4.96e-04	7.14e-05
1817	61	0.01	0.01	-0.04	-3.49e-04	6.56e-04	1.03e-04
1817	71	-0.03	0.02	-0.03	-3.07e-04	5.51e-04	8.24e-05
1817	72	-0.04	9.76e-03	-0.03	-2.85e-04	5.00e-04	7.23e-05
1817	93	0.01	1.00e-02	-0.04	-3.45e-04	6.48e-04	1.01e-04
1818	7	-0.10	0.03	-0.04	1.41e-03	-1.30e-03	-1.41e-04
1818	19	-0.05	0.04	-0.04	1.54e-03	-1.33e-03	-1.50e-04
1818	25	1.15e-03	0.02	-0.04	1.59e-03	-1.30e-03	-1.48e-04
1818	39	-0.05	0.01	-0.04	1.43e-03	-1.25e-03	-1.34e-04
1818	51	-0.03	0.02	-0.04	1.49e-03	-1.26e-03	-1.38e-04
1818	57	-1.89e-03	0.01	-0.04	1.52e-03	-1.25e-03	-1.37e-04
1818	71	-0.05	0.01	-0.04	1.43e-03	-1.24e-03	-1.33e-04
1818	83	-0.02	0.02	-0.04	1.49e-03	-1.26e-03	-1.37e-04
1818	89	-2.15e-03	0.01	-0.04	1.51e-03	-1.24e-03	-1.36e-04
1819	7	-0.10	0.03	-2.61e-03	1.24e-03	-1.30e-03	-1.64e-04
1819	18	0.04	-0.04	-0.01	1.17e-03	-1.07e-03	-1.28e-04
1819	30	0.04	-0.04	-0.02	1.16e-03	-1.06e-03	-1.27e-04
1819	39	-0.05	0.01	-5.17e-03	1.25e-03	-1.25e-03	-1.56e-04
1819	50	0.01	-0.02	-0.01	1.22e-03	-1.14e-03	-1.39e-04
1819	62	0.01	-0.02	-0.01	1.22e-03	-1.14e-03	-1.39e-04
1819	71	-0.05	0.01	-5.36e-03	1.26e-03	-1.24e-03	-1.56e-04
1819	82	0.01	-0.02	-0.01	1.23e-03	-1.15e-03	-1.40e-04
1819	94	0.01	-0.02	-0.01	1.22e-03	-1.14e-03	-1.39e-04
1820	7	-0.07	0.04	-0.05	-4.17e-04	6.10e-04	8.49e-05
1820	8	-0.08	0.02	-0.04	-3.49e-04	4.89e-04	6.55e-05
1820	29	0.03	0.02	-0.07	-5.38e-04	8.38e-04	1.21e-04
1820	39	-0.04	0.02	-0.05	-4.16e-04	6.51e-04	8.51e-05
1820	40	-0.04	0.01	-0.04	-3.85e-04	5.56e-04	7.60e-05
1820	61	0.01	0.01	-0.06	-4.73e-04	7.20e-04	1.02e-04

1820	71	-0.03	0.02	-0.05	-4.16e-04	6.13e-04	8.51e-05
1820	72	-0.04	0.01	-0.04	-3.87e-04	5.61e-04	7.68e-05
1820	93	0.01	0.01	-0.06	-4.69e-04	7.11e-04	1.01e-04
1821	6	0.06	-0.03	-9.00e-03	-1.83e-04	5.06e-04	-1.58e-03
1821	8	-0.09	0.02	-4.94e-03	-2.26e-04	3.70e-04	-1.33e-03
1821	29	0.03	0.02	-0.02	-2.91e-04	7.02e-04	-1.09e-03
1821	38	0.03	-0.02	-8.93e-03	-2.05e-04	5.00e-04	-1.48e-03
1821	40	-0.04	8.30e-03	-7.01e-03	-2.26e-04	4.36e-04	-1.35e-03
1821	61	0.01	8.32e-03	-0.01	-2.56e-04	5.92e-04	-1.24e-03
1821	70	0.02	-0.01	-8.93e-03	-2.07e-04	4.99e-04	-1.47e-03
1821	72	-0.04	7.58e-03	-7.17e-03	-2.26e-04	4.41e-04	-1.35e-03
1821	93	0.01	7.60e-03	-0.01	-2.54e-04	5.84e-04	-1.25e-03
1822	6	0.10	5.25e-03	-0.28	2.13e-03	-1.48e-03	-1.50e-04
1822	19	-3.77e-03	0.07	-0.31	2.23e-03	-1.72e-03	-1.85e-04
1822	25	7.01e-03	0.06	-0.32	2.31e-03	-1.69e-03	-1.82e-04
1822	38	0.05	0.02	-0.28	2.10e-03	-1.54e-03	-1.58e-04
1822	51	-6.23e-04	0.05	-0.29	2.15e-03	-1.65e-03	-1.75e-04
1822	57	4.94e-03	0.05	-0.30	2.19e-03	-1.63e-03	-1.73e-04
1822	70	0.04	0.02	-0.28	2.10e-03	-1.54e-03	-1.59e-04
1822	83	-3.52e-04	0.05	-0.29	2.15e-03	-1.64e-03	-1.74e-04
1822	89	4.75e-03	0.04	-0.30	2.18e-03	-1.63e-03	-1.72e-04
1823	6	0.10	0.02	-0.36	2.15e-03	-1.49e-03	-1.51e-04
1823	19	-1.62e-03	0.08	-0.38	2.25e-03	-1.73e-03	-1.88e-04
1823	25	9.23e-03	0.07	-0.40	2.33e-03	-1.70e-03	-1.85e-04
1823	38	0.05	0.03	-0.36	2.12e-03	-1.55e-03	-1.59e-04
1823	51	1.54e-03	0.06	-0.37	2.17e-03	-1.66e-03	-1.76e-04
1823	57	7.14e-03	0.06	-0.38	2.21e-03	-1.64e-03	-1.75e-04
1823	70	0.05	0.03	-0.36	2.12e-03	-1.55e-03	-1.59e-04
1823	83	1.81e-03	0.06	-0.37	2.16e-03	-1.65e-03	-1.75e-04
1823	89	6.95e-03	0.06	-0.37	2.20e-03	-1.64e-03	-1.74e-04
1824	7	-0.07	0.03	-0.02	-3.03e-04	4.35e-04	5.26e-05
1824	8	-0.09	0.02	-0.01	-2.52e-04	3.28e-04	4.62e-05
1824	29	0.03	0.02	-0.03	-3.96e-04	6.36e-04	5.29e-05
1824	39	-0.04	0.02	-0.02	-3.03e-04	4.37e-04	4.78e-05
1824	40	-0.04	9.36e-03	-0.02	-2.78e-04	3.87e-04	4.48e-05
1824	61	0.01	9.66e-03	-0.03	-3.46e-04	5.32e-04	4.79e-05
1824	71	-0.04	0.01	-0.02	-3.03e-04	4.37e-04	4.75e-05
1824	72	-0.04	8.64e-03	-0.02	-2.80e-04	3.91e-04	4.47e-05
1824	93	0.01	8.91e-03	-0.03	-3.42e-04	5.24e-04	4.76e-05
1825	7	-0.07	0.04	-0.04	-4.05e-04	5.14e-04	5.92e-05
1825	8	-0.09	0.02	-0.03	-3.36e-04	4.10e-04	5.40e-05
1825	29	0.03	0.02	-0.06	-5.30e-04	7.13e-04	7.17e-05
1825	39	-0.04	0.02	-0.04	-4.05e-04	5.18e-04	6.04e-05
1825	40	-0.04	0.01	-0.03	-3.72e-04	4.69e-04	5.80e-05
1825	61	0.01	0.01	-0.05	-4.63e-04	6.12e-04	6.63e-05
1825	71	-0.04	0.02	-0.04	-4.05e-04	5.18e-04	6.05e-05
1825	72	-0.04	0.01	-0.03	-3.75e-04	4.74e-04	5.83e-05
1825	93	0.01	0.01	-0.05	-4.58e-04	6.04e-04	6.59e-05
1826	7	-0.09	0.05	-0.14	1.96e-03	-1.66e-03	-1.64e-04
1826	19	-8.66e-03	0.05	-0.16	2.15e-03	-1.69e-03	-1.82e-04
1826	25	3.60e-03	0.04	-0.17	2.23e-03	-1.65e-03	-1.89e-04
1826	39	-0.05	0.03	-0.14	1.98e-03	-1.60e-03	-1.66e-04
1826	51	-5.08e-03	0.03	-0.15	2.07e-03	-1.62e-03	-1.74e-04
1826	57	1.17e-03	0.03	-0.16	2.11e-03	-1.60e-03	-1.78e-04
1826	71	-0.04	0.03	-0.14	1.98e-03	-1.60e-03	-1.66e-04
1826	83	-4.77e-03	0.03	-0.15	2.07e-03	-1.61e-03	-1.74e-04
1826	89	9.53e-04	0.03	-0.16	2.10e-03	-1.60e-03	-1.77e-04
1827	6	0.09	-4.11e-03	-0.21	2.11e-03	-1.47e-03	-1.49e-04
1827	19	-6.25e-03	0.06	-0.23	2.22e-03	-1.71e-03	-1.85e-04
1827	25	5.28e-03	0.05	-0.25	2.30e-03	-1.68e-03	-1.83e-04
1827	38	0.05	0.01	-0.21	2.09e-03	-1.53e-03	-1.56e-04
1827	51	-2.88e-03	0.04	-0.22	2.14e-03	-1.64e-03	-1.74e-04
1827	57	3.02e-03	0.04	-0.23	2.17e-03	-1.63e-03	-1.72e-04
1827	70	0.04	0.01	-0.21	2.09e-03	-1.53e-03	-1.57e-04
1827	83	-2.60e-03	0.04	-0.22	2.13e-03	-1.64e-03	-1.73e-04
1827	89	2.82e-03	0.04	-0.23	2.16e-03	-1.62e-03	-1.72e-04
1828	6	0.10	0.01	-0.32	2.14e-03	-1.48e-03	-1.52e-04
1828	19	-2.69e-03	0.08	-0.35	2.24e-03	-1.73e-03	-1.87e-04
1828	25	8.12e-03	0.06	-0.36	2.32e-03	-1.69e-03	-1.83e-04
1828	38	0.05	0.03	-0.32	2.11e-03	-1.54e-03	-1.59e-04
1828	51	4.59e-04	0.06	-0.33	2.16e-03	-1.65e-03	-1.76e-04
1828	57	6.04e-03	0.05	-0.34	2.20e-03	-1.64e-03	-1.74e-04
1828	70	0.04	0.03	-0.32	2.11e-03	-1.54e-03	-1.60e-04
1828	83	7.31e-04	0.06	-0.33	2.15e-03	-1.65e-03	-1.75e-04
1828	89	5.85e-03	0.05	-0.34	2.19e-03	-1.63e-03	-1.74e-04
1829	6	0.06	-0.03	-5.11e-03	-1.52e-04	3.04e-04	-8.39e-04
1829	8	-0.09	0.02	-1.41e-03	-2.10e-04	1.94e-04	-1.04e-03

1829	29	0.03	0.02	-9.64e-03	-2.75e-04	4.90e-04	-1.12e-03
1829	38	0.03	-0.02	-4.85e-03	-1.80e-04	3.03e-04	-9.16e-04
1829	40	-0.04	7.63e-03	-3.10e-03	-2.07e-04	2.51e-04	-1.01e-03
1829	61	0.01	7.73e-03	-6.97e-03	-2.38e-04	3.90e-04	-1.05e-03
1829	70	0.02	-0.01	-4.83e-03	-1.82e-04	3.03e-04	-9.22e-04
1829	72	-0.04	6.92e-03	-3.22e-03	-2.07e-04	2.55e-04	-1.01e-03
1829	93	0.01	7.00e-03	-6.77e-03	-2.35e-04	3.82e-04	-1.04e-03
1830	6	0.06	-0.03	-0.01	-3.07e-04	3.58e-04	4.63e-05
1830	8	-0.09	0.02	-6.63e-03	-2.58e-04	2.56e-04	3.35e-05
1830	29	0.03	0.02	-0.02	-4.04e-04	5.30e-04	6.80e-05
1830	38	0.03	-0.02	-0.01	-3.08e-04	3.56e-04	4.61e-05
1830	40	-0.04	8.23e-03	-9.86e-03	-2.85e-04	3.08e-04	4.01e-05
1830	61	0.01	8.58e-03	-0.02	-3.53e-04	4.37e-04	5.63e-05
1830	70	0.02	-0.01	-0.01	-3.08e-04	3.56e-04	4.61e-05
1830	72	-0.04	7.51e-03	-0.01	-2.87e-04	3.12e-04	4.06e-05
1830	93	0.01	7.81e-03	-0.02	-3.50e-04	4.30e-04	5.55e-05
1831	6	0.10	6.27e-03	-0.29	2.14e-03	-1.48e-03	-1.48e-04
1831	19	-4.13e-03	0.07	-0.31	2.24e-03	-1.72e-03	-1.83e-04
1831	25	7.48e-03	0.06	-0.32	2.32e-03	-1.69e-03	-1.80e-04
1831	38	0.05	0.02	-0.29	2.11e-03	-1.53e-03	-1.55e-04
1831	51	-7.45e-04	0.05	-0.30	2.16e-03	-1.65e-03	-1.72e-04
1831	57	5.20e-03	0.05	-0.30	2.20e-03	-1.63e-03	-1.71e-04
1831	70	0.04	0.02	-0.29	2.11e-03	-1.54e-03	-1.56e-04
1831	83	-4.56e-04	0.05	-0.30	2.15e-03	-1.64e-03	-1.71e-04
1831	89	5.00e-03	0.05	-0.30	2.19e-03	-1.63e-03	-1.70e-04
1832	6	0.09	1.08e-03	-0.25	2.12e-03	-1.47e-03	-1.51e-04
1832	19	-5.19e-03	0.07	-0.27	2.22e-03	-1.71e-03	-1.86e-04
1832	25	6.38e-03	0.05	-0.28	2.31e-03	-1.68e-03	-1.83e-04
1832	38	0.05	0.02	-0.25	2.10e-03	-1.53e-03	-1.58e-04
1832	51	-1.81e-03	0.05	-0.26	2.15e-03	-1.64e-03	-1.75e-04
1832	57	4.11e-03	0.04	-0.26	2.18e-03	-1.63e-03	-1.73e-04
1832	70	0.04	0.02	-0.25	2.10e-03	-1.53e-03	-1.59e-04
1832	83	-1.52e-03	0.05	-0.26	2.14e-03	-1.64e-03	-1.74e-04
1832	89	3.91e-03	0.04	-0.26	2.17e-03	-1.62e-03	-1.73e-04
1833	7	-0.07	0.03	-0.03	-4.15e-04	4.65e-04	5.42e-05
1833	8	-0.09	0.02	-0.02	-3.50e-04	3.70e-04	4.31e-05
1833	29	0.03	0.02	-0.04	-5.35e-04	6.42e-04	7.89e-05
1833	39	-0.04	0.02	-0.03	-4.15e-04	4.66e-04	5.59e-05
1833	40	-0.04	9.45e-03	-0.02	-3.84e-04	4.22e-04	5.07e-05
1833	61	0.01	0.01	-0.03	-4.71e-04	5.50e-04	6.76e-05
1833	71	-0.04	0.02	-0.03	-4.15e-04	4.67e-04	5.61e-05
1833	72	-0.04	8.71e-03	-0.02	-3.87e-04	4.26e-04	5.13e-05
1833	93	0.01	9.24e-03	-0.03	-4.67e-04	5.43e-04	6.67e-05
1834	4	-0.14	-0.02	-0.04	-2.66e-04	-5.61e-04	0.0
1834	6	0.17	0.02	7.51e-03	-4.50e-04	-7.67e-05	0.0
1834	7	-0.16	-0.02	-0.04	-2.65e-04	-5.98e-04	0.0
1834	36	-0.07	-0.01	-0.03	-3.14e-04	-4.45e-04	0.0
1834	38	0.08	7.21e-03	-5.33e-03	-4.01e-04	-2.13e-04	0.0
1834	39	-0.07	-8.38e-03	-0.03	-3.13e-04	-4.61e-04	0.0
1834	68	-0.06	-0.01	-0.03	-3.17e-04	-4.36e-04	0.0
1834	70	0.07	6.56e-03	-6.31e-03	-3.98e-04	-2.24e-04	0.0
1834	71	-0.07	-7.73e-03	-0.03	-3.17e-04	-4.51e-04	0.0
1835	4	-0.14	-0.03	-0.02	-3.01e-04	-5.57e-04	0.0
1835	6	0.16	0.02	4.74e-04	-4.60e-04	-5.18e-05	0.0
1835	7	-0.16	-0.02	-0.02	-3.09e-04	-5.93e-04	0.0
1835	36	-0.07	-0.01	-0.01	-3.45e-04	-4.35e-04	0.0
1835	38	0.08	9.34e-03	-4.01e-03	-4.21e-04	-1.93e-04	0.0
1835	39	-0.07	-9.85e-03	-0.01	-3.49e-04	-4.51e-04	0.0
1835	68	-0.06	-0.01	-0.01	-3.48e-04	-4.25e-04	0.0
1835	70	0.07	8.53e-03	-4.35e-03	-4.17e-04	-2.04e-04	0.0
1835	71	-0.07	-9.05e-03	-0.01	-3.52e-04	-4.40e-04	0.0
1836	4	-0.14	-0.03	-0.03	-2.74e-04	-5.64e-04	0.0
1836	6	0.16	0.02	4.13e-03	-4.56e-04	-7.43e-05	0.0
1836	7	-0.16	-0.02	-0.03	-2.73e-04	-6.00e-04	0.0
1836	36	-0.07	-0.01	-0.02	-3.21e-04	-4.46e-04	0.0
1836	38	0.08	8.27e-03	-4.57e-03	-4.08e-04	-2.12e-04	0.0
1836	39	-0.07	-9.12e-03	-0.02	-3.21e-04	-4.63e-04	0.0
1836	68	-0.06	-0.01	-0.02	-3.25e-04	-4.37e-04	0.0
1836	70	0.07	7.54e-03	-5.23e-03	-4.05e-04	-2.22e-04	0.0
1836	71	-0.07	-8.39e-03	-0.02	-3.25e-04	-4.52e-04	0.0
1837	6	0.09	-0.02	-0.01	6.47e-05	2.08e-04	6.40e-05
1837	18	0.04	-0.03	-0.01	1.01e-04	1.98e-04	2.91e-05
1837	27	-0.04	0.02	-0.03	5.66e-05	6.01e-06	-6.55e-05
1837	38	0.05	-0.01	-0.02	7.23e-05	1.53e-04	2.16e-05
1837	39	-0.04	6.62e-03	-0.03	8.63e-05	5.33e-05	-5.55e-05
1837	50	0.02	-0.01	-0.02	8.92e-05	1.47e-04	4.73e-06
1837	70	0.04	-9.43e-03	-0.02	7.29e-05	1.48e-04	1.84e-05

1837	71	-0.04	5.91e-03	-0.03	8.57e-05	5.75e-05	-5.22e-05
1837	82	0.02	-0.01	-0.02	8.83e-05	1.43e-04	2.90e-06
1838	6	0.09	2.10e-03	-0.02	6.56e-05	2.21e-04	1.82e-04
1838	20	-0.02	-0.03	-0.02	1.09e-04	1.50e-04	2.43e-05
1838	28	-0.01	-0.02	-0.03	1.10e-04	1.52e-04	2.39e-05
1838	38	0.04	1.97e-04	-0.02	7.06e-05	1.61e-04	9.64e-05
1838	52	-7.99e-03	-0.01	-0.02	9.08e-05	1.27e-04	2.05e-05
1838	60	-5.69e-03	-0.01	-0.03	9.13e-05	1.28e-04	2.04e-05
1838	70	0.04	4.90e-05	-0.02	7.10e-05	1.57e-04	8.99e-05
1838	84	-7.28e-03	-0.01	-0.02	8.95e-05	1.25e-04	2.03e-05
1838	92	-5.18e-03	-0.01	-0.03	9.00e-05	1.26e-04	2.02e-05
1839	6	0.12	-4.97e-04	-0.01	3.60e-05	1.45e-04	0.0
1839	7	-0.12	-2.21e-03	-0.03	2.69e-04	-2.10e-04	0.0
1839	24	-9.89e-03	-0.02	-0.02	1.48e-04	0.0	0.0
1839	38	0.06	-9.54e-04	-0.02	9.69e-05	5.20e-05	0.0
1839	39	-0.06	-1.75e-03	-0.02	2.08e-04	-1.16e-04	0.0
1839	56	-4.21e-03	-0.01	-0.02	1.51e-04	-1.76e-05	0.0
1839	70	0.05	-9.88e-04	-0.02	1.02e-04	4.50e-05	0.0
1839	71	-0.05	-1.71e-03	-0.02	2.03e-04	-1.09e-04	0.0
1839	88	-3.76e-03	-0.01	-0.02	1.51e-04	-1.89e-05	0.0
1840	4	-0.14	-0.02	-0.06	-2.10e-04	-4.75e-04	0.0
1840	6	0.16	0.02	-0.03	-4.16e-04	-3.89e-05	0.0
1840	7	-0.15	-0.02	-0.06	-1.99e-04	-5.08e-04	0.0
1840	36	-0.06	-0.01	-0.06	-2.61e-04	-3.70e-04	0.0
1840	38	0.08	7.14e-03	-0.04	-3.59e-04	-1.62e-04	0.0
1840	39	-0.07	-8.34e-03	-0.06	-2.56e-04	-3.85e-04	0.0
1840	68	-0.06	-0.01	-0.05	-2.65e-04	-3.62e-04	0.0
1840	70	0.07	6.49e-03	-0.04	-3.55e-04	-1.71e-04	0.0
1840	71	-0.07	-7.69e-03	-0.06	-2.60e-04	-3.76e-04	0.0
1841	6	0.15	9.07e-03	-0.06	-7.13e-05	1.60e-04	0.0
1841	7	-0.14	-0.01	-0.09	2.37e-04	-2.32e-04	0.0
1841	20	-0.02	-0.02	-0.07	9.11e-05	-4.20e-05	0.0
1841	38	0.07	3.85e-03	-0.07	9.51e-06	5.71e-05	0.0
1841	39	-0.07	-5.79e-03	-0.08	1.57e-04	-1.29e-04	0.0
1841	52	-8.32e-03	-0.01	-0.07	8.75e-05	-3.97e-05	0.0
1841	70	0.07	3.45e-03	-0.07	1.57e-05	4.93e-05	0.0
1841	71	-0.06	-5.39e-03	-0.08	1.50e-04	-1.21e-04	0.0
1841	84	-7.47e-03	-9.29e-03	-0.07	8.71e-05	-3.94e-05	0.0
1842	4	-0.14	-0.02	-0.08	-8.57e-05	-3.92e-04	0.0
1842	6	0.16	0.01	-0.05	-3.27e-04	1.57e-05	0.0
1842	7	-0.15	-0.01	-0.08	-7.09e-05	-4.24e-04	0.0
1842	36	-0.06	-0.01	-0.07	-1.45e-04	-2.94e-04	0.0
1842	38	0.08	6.11e-03	-0.06	-2.60e-04	-9.96e-05	0.0
1842	39	-0.07	-7.58e-03	-0.07	-1.38e-04	-3.09e-04	0.0
1842	68	-0.06	-0.01	-0.07	-1.49e-04	-2.87e-04	0.0
1842	70	0.07	5.53e-03	-0.06	-2.55e-04	-1.08e-04	0.0
1842	71	-0.06	-7.00e-03	-0.07	-1.43e-04	-3.00e-04	0.0
1843	6	0.13	1.96e-03	-0.03	1.91e-04	2.78e-04	0.0
1843	7	-0.13	-4.44e-03	-0.05	4.94e-04	-8.63e-05	0.0
1843	20	-0.02	-0.02	-0.04	3.45e-04	9.79e-05	0.0
1843	38	0.06	2.97e-04	-0.04	2.71e-04	1.82e-04	0.0
1843	39	-0.06	-2.78e-03	-0.05	4.15e-04	9.15e-06	0.0
1843	52	-8.85e-03	-0.01	-0.04	3.44e-04	9.59e-05	0.0
1843	70	0.06	1.68e-04	-0.04	2.77e-04	1.75e-04	0.0
1843	71	-0.06	-2.65e-03	-0.05	4.09e-04	1.64e-05	0.0
1843	84	-8.00e-03	-9.69e-03	-0.04	3.44e-04	9.58e-05	0.0
1844	6	0.14	6.65e-03	-0.05	5.40e-05	2.27e-04	0.0
1844	7	-0.14	-8.80e-03	-0.08	3.74e-04	-1.49e-04	0.0
1844	20	-0.02	-0.02	-0.07	2.19e-04	3.53e-05	0.0
1844	38	0.07	2.64e-03	-0.06	1.38e-04	1.28e-04	0.0
1844	39	-0.07	-4.79e-03	-0.08	2.90e-04	-5.03e-05	0.0
1844	52	-8.54e-03	-0.01	-0.07	2.17e-04	3.64e-05	0.0
1844	70	0.06	2.33e-03	-0.06	1.44e-04	1.21e-04	0.0
1844	71	-0.06	-4.48e-03	-0.07	2.84e-04	-4.28e-05	0.0
1844	84	-7.69e-03	-9.42e-03	-0.07	2.17e-04	3.66e-05	0.0
1845	4	-0.13	-0.02	-0.09	6.32e-05	-2.97e-04	0.0
1845	6	0.15	0.01	-0.05	-2.05e-04	8.52e-05	0.0
1845	7	-0.15	-0.01	-0.09	8.17e-05	-3.28e-04	0.0
1845	36	-0.06	-0.01	-0.08	-1.96e-06	-2.06e-04	0.0
1845	38	0.07	5.01e-03	-0.06	-1.30e-04	-2.31e-05	0.0
1845	39	-0.07	-6.73e-03	-0.08	6.62e-06	-2.20e-04	0.0
1845	68	-0.06	-9.75e-03	-0.08	-6.98e-06	-1.99e-04	0.0
1845	70	0.07	4.52e-03	-0.06	-1.24e-04	-3.14e-05	0.0
1845	71	-0.06	-6.24e-03	-0.08	0.0	-2.12e-04	0.0
1846	6	0.14	4.22e-03	-0.04	1.49e-04	2.71e-04	0.0
1846	7	-0.14	-6.55e-03	-0.07	4.67e-04	-9.44e-05	0.0
1846	20	-0.02	-0.02	-0.06	3.11e-04	8.73e-05	0.0

1846	38	0.07	1.43e-03	-0.05	2.32e-04	1.76e-04	0.0
1846	39	-0.06	-3.75e-03	-0.06	3.84e-04	1.50e-06	0.0
1846	52	-8.72e-03	-0.01	-0.06	3.10e-04	8.71e-05	0.0
1846	70	0.06	1.21e-03	-0.05	2.39e-04	1.68e-04	0.0
1846	71	-0.06	-3.54e-03	-0.06	3.78e-04	8.82e-06	0.0
1846	84	-7.87e-03	-9.54e-03	-0.06	3.10e-04	8.72e-05	0.0
1847	6	0.13	2.46e-04	-0.02	1.59e-04	2.30e-04	0.0
1847	7	-0.13	-2.86e-03	-0.04	4.30e-04	-1.37e-04	0.0
1847	24	-9.09e-03	-0.02	-0.03	2.85e-04	7.00e-05	0.0
1847	38	0.06	-5.67e-04	-0.02	2.30e-04	1.34e-04	0.0
1847	39	-0.06	-2.04e-03	-0.03	3.59e-04	-4.08e-05	0.0
1847	56	-3.80e-03	-0.01	-0.03	2.91e-04	5.68e-05	0.0
1847	70	0.06	-6.29e-04	-0.02	2.35e-04	1.27e-04	0.0
1847	71	-0.05	-1.98e-03	-0.03	3.53e-04	-3.34e-05	0.0
1847	88	-3.38e-03	-9.95e-03	-0.03	2.91e-04	5.59e-05	0.0
1848	6	0.12	-2.87e-04	-9.48e-03	-9.66e-05	9.76e-05	0.0
1848	7	-0.12	-2.50e-03	-0.03	1.03e-04	-2.40e-04	0.0
1848	20	-0.02	-0.02	-0.02	1.10e-05	-4.69e-05	0.0
1848	38	0.06	-8.74e-04	-0.01	-4.45e-05	8.98e-06	0.0
1848	39	-0.05	-1.92e-03	-0.02	5.05e-05	-1.51e-04	0.0
1848	52	-8.96e-03	-0.01	-0.02	7.11e-06	-6.08e-05	0.0
1848	70	0.05	-9.18e-04	-0.01	-4.05e-05	2.25e-06	0.0
1848	71	-0.05	-1.87e-03	-0.02	4.65e-05	-1.44e-04	0.0
1848	84	-8.12e-03	-0.01	-0.02	6.78e-06	-6.16e-05	0.0
1849	6	0.11	2.22e-04	-0.01	-1.58e-04	9.56e-05	0.0
1849	7	-0.11	-3.06e-03	-0.03	1.17e-05	-2.19e-04	0.0
1849	20	-0.02	-0.02	-0.02	-6.58e-05	-3.25e-05	0.0
1849	38	0.05	-6.39e-04	-0.02	-1.14e-04	1.29e-05	0.0
1849	39	-0.05	-2.20e-03	-0.02	-3.27e-05	-1.36e-04	0.0
1849	52	-8.88e-03	-0.01	-0.02	-6.94e-05	-4.90e-05	0.0
1849	70	0.05	-7.04e-04	-0.02	-1.10e-04	6.59e-06	0.0
1849	71	-0.05	-2.13e-03	-0.02	-3.61e-05	-1.30e-04	0.0
1849	84	-8.05e-03	-0.01	-0.02	-6.97e-05	-5.01e-05	0.0
1850	6	0.11	9.02e-04	-0.02	-1.51e-04	1.16e-04	0.0
1850	7	-0.11	-3.81e-03	-0.03	-1.29e-05	-1.70e-04	0.0
1850	20	-0.02	-0.02	-0.03	-7.88e-05	7.21e-06	0.0
1850	38	0.05	-3.27e-04	-0.02	-1.15e-04	4.11e-05	0.0
1850	39	-0.05	-2.58e-03	-0.03	-4.90e-05	-9.45e-05	0.0
1850	52	-8.72e-03	-0.01	-0.03	-8.01e-05	-1.18e-05	0.0
1850	70	0.05	-4.22e-04	-0.02	-1.12e-04	3.54e-05	0.0
1850	71	-0.05	-2.49e-03	-0.03	-5.18e-05	-8.88e-05	0.0
1850	84	-7.91e-03	-0.01	-0.03	-8.02e-05	-1.30e-05	0.0
1851	6	0.10	1.58e-03	-0.02	-9.57e-05	1.49e-04	0.0
1851	20	-0.02	-0.03	-0.03	-4.55e-05	5.90e-05	0.0
1851	28	-0.01	-0.02	-0.03	-4.65e-05	6.19e-05	0.0
1851	38	0.05	-2.56e-05	-0.03	-6.71e-05	8.15e-05	0.0
1851	52	-8.49e-03	-0.01	-0.03	-4.28e-05	3.79e-05	0.0
1851	60	-5.97e-03	-0.01	-0.03	-4.33e-05	3.92e-05	0.0
1851	70	0.05	-1.50e-04	-0.03	-6.49e-05	7.64e-05	0.0
1851	84	-7.71e-03	-0.01	-0.03	-4.27e-05	3.65e-05	0.0
1851	92	-5.40e-03	-0.01	-0.03	-4.31e-05	3.77e-05	0.0
1852	4	-0.14	-0.03	-0.04	-2.77e-04	-5.39e-04	0.0
1852	6	0.16	0.02	-0.01	-4.55e-04	-6.55e-05	0.0
1852	7	-0.16	-0.02	-0.04	-2.76e-04	-5.74e-04	0.0
1852	36	-0.07	-0.01	-0.03	-3.24e-04	-4.24e-04	0.0
1852	38	0.08	8.15e-03	-0.02	-4.09e-04	-1.98e-04	0.0
1852	39	-0.07	-9.05e-03	-0.03	-3.23e-04	-4.41e-04	0.0
1852	68	-0.06	-0.01	-0.03	-3.27e-04	-4.16e-04	0.0
1852	70	0.07	7.43e-03	-0.02	-4.05e-04	-2.09e-04	0.0
1852	71	-0.07	-8.33e-03	-0.03	-3.27e-04	-4.30e-04	0.0
1853	6	0.10	2.24e-03	-0.02	0.0	1.86e-04	0.0
1853	20	-0.02	-0.03	-0.03	5.77e-05	1.14e-04	0.0
1853	28	-0.01	-0.02	-0.03	5.86e-05	1.17e-04	0.0
1853	38	0.05	2.56e-04	-0.03	1.21e-05	1.26e-04	0.0
1853	52	-8.21e-03	-0.01	-0.03	3.95e-05	9.14e-05	0.0
1853	60	-5.78e-03	-0.01	-0.03	4.00e-05	9.25e-05	0.0
1853	70	0.04	1.02e-04	-0.03	1.31e-05	1.22e-04	0.0
1853	84	-7.46e-03	-0.01	-0.03	3.82e-05	8.98e-05	0.0
1853	92	-5.24e-03	-0.01	-0.03	3.86e-05	9.08e-05	0.0
1854	7	-0.09	0.03	2.10e-03	-5.93e-05	-2.56e-04	-4.88e-05
1854	18	0.03	-0.04	5.28e-03	-5.18e-05	-2.06e-04	-5.29e-06
1854	28	-0.01	-0.03	7.02e-03	-4.28e-05	-1.76e-04	-1.62e-05
1854	39	-0.04	9.81e-03	1.42e-03	-6.34e-05	-2.66e-04	-3.58e-05
1854	50	0.02	-0.02	2.88e-03	-6.00e-05	-2.43e-04	-1.54e-05
1854	60	-5.58e-03	-0.01	3.69e-03	-5.57e-05	-2.29e-04	-2.06e-05
1854	71	-0.04	8.66e-03	1.37e-03	-6.37e-05	-2.66e-04	-3.49e-05
1854	82	0.01	-0.02	2.71e-03	-6.06e-05	-2.46e-04	-1.62e-05

1854	92	-5.14e-03	-0.01	3.44e-03	-5.67e-05	-2.33e-04	-2.09e-05
1855	7	-0.09	0.02	-8.83e-04	-5.81e-05	-6.48e-06	-2.69e-05
1855	18	0.03	-0.04	0.02	-5.61e-05	-1.18e-04	1.25e-05
1855	26	0.04	-0.04	0.02	-5.57e-05	1.83e-05	1.50e-05
1855	39	-0.04	9.06e-03	3.25e-03	-6.37e-05	-2.19e-05	-1.53e-05
1855	50	0.02	-0.02	0.01	-6.29e-05	-7.37e-05	3.18e-06
1855	58	0.02	-0.02	0.01	-6.27e-05	-1.11e-05	4.39e-06
1855	71	-0.04	7.93e-03	3.55e-03	-6.41e-05	-2.30e-05	-1.44e-05
1855	82	0.01	-0.02	0.01	-6.35e-05	-7.04e-05	2.49e-06
1855	90	0.02	-0.02	0.01	-6.33e-05	-1.32e-05	3.61e-06
1856	7	-0.09	0.02	-5.75e-03	-3.92e-05	1.42e-04	-2.06e-05
1856	18	0.03	-0.04	0.02	-4.40e-05	3.02e-05	3.08e-05
1856	26	0.04	-0.04	0.02	-4.37e-05	2.88e-05	3.32e-05
1856	39	-0.04	8.84e-03	-1.00e-04	-4.71e-05	1.11e-04	-6.32e-06
1856	50	0.02	-0.02	0.01	-4.96e-05	5.88e-05	1.79e-05
1856	58	0.02	-0.02	0.01	-4.94e-05	5.82e-05	1.90e-05
1856	71	-0.04	7.74e-03	3.15e-04	-4.77e-05	1.09e-04	-5.24e-06
1856	82	0.01	-0.02	0.01	-5.00e-05	6.09e-05	1.69e-05
1856	90	0.02	-0.02	0.01	-4.99e-05	6.04e-05	1.80e-05
1857	7	-0.09	0.02	-0.01	-2.03e-06	1.49e-04	-2.53e-05
1857	18	0.03	-0.04	0.01	-1.34e-05	9.39e-05	4.53e-05
1857	27	-0.04	0.03	-0.02	-3.16e-05	1.35e-04	-2.39e-05
1857	39	-0.04	8.74e-03	-6.10e-03	-1.26e-05	1.30e-04	-5.99e-06
1857	50	0.02	-0.02	6.47e-03	-1.82e-05	1.04e-04	2.73e-05
1857	59	-0.02	0.01	-7.26e-03	-2.65e-05	1.24e-04	-5.11e-06
1857	71	-0.04	7.70e-03	-5.62e-03	-1.34e-05	1.29e-04	-4.52e-06
1857	82	0.01	-0.02	5.90e-03	-1.86e-05	1.05e-04	2.60e-05
1857	91	-0.02	9.80e-03	-6.68e-03	-2.61e-05	1.23e-04	-3.71e-06
1858	7	-0.09	0.02	-0.02	4.58e-05	1.21e-04	-3.81e-05
1858	18	0.03	-0.03	8.83e-03	3.15e-05	4.98e-05	5.55e-05
1858	27	-0.04	0.03	-0.02	1.10e-05	1.33e-04	-3.18e-05
1858	39	-0.04	8.46e-03	-0.01	3.32e-05	1.05e-04	-1.17e-05
1858	50	0.02	-0.02	1.26e-03	2.61e-05	7.18e-05	3.25e-05
1858	59	-0.02	0.01	-0.01	1.69e-05	1.10e-04	-8.48e-06
1858	71	-0.04	7.49e-03	-0.01	3.23e-05	1.03e-04	-9.71e-06
1858	82	0.01	-0.02	7.08e-04	2.57e-05	7.34e-05	3.08e-05
1858	91	-0.02	9.64e-03	-0.01	1.73e-05	1.09e-04	-6.74e-06
1859	7	-0.09	0.02	-0.02	9.48e-05	3.92e-05	-5.53e-05
1859	18	0.03	-0.03	3.07e-03	8.43e-05	1.31e-04	6.34e-05
1859	27	-0.04	0.02	-0.02	5.57e-05	1.11e-04	-4.09e-05
1859	39	-0.04	7.79e-03	-0.01	8.22e-05	4.85e-05	-2.05e-05
1859	50	0.02	-0.02	-3.08e-03	7.67e-05	9.08e-05	3.56e-05
1859	59	-0.02	0.01	-0.01	6.39e-05	8.15e-05	-1.34e-05
1859	71	-0.04	6.93e-03	-0.01	8.12e-05	4.92e-05	-1.78e-05
1859	82	0.01	-0.02	-3.53e-03	7.62e-05	8.79e-05	3.36e-05
1859	91	-0.02	9.24e-03	-0.01	6.45e-05	7.94e-05	-1.13e-05
1860	3	-0.09	0.02	-0.02	1.34e-04	-1.91e-05	-6.94e-05
1860	7	-0.09	0.02	-0.02	1.33e-04	-1.98e-05	-6.91e-05
1860	18	0.03	-0.03	-2.83e-03	1.33e-04	1.54e-04	6.80e-05
1860	35	-0.04	6.99e-03	-0.01	1.24e-04	2.40e-05	-2.77e-05
1860	39	-0.04	6.71e-03	-0.01	1.23e-04	2.36e-05	-2.76e-05
1860	50	0.02	-0.01	-6.83e-03	1.23e-04	1.04e-04	3.74e-05
1860	67	-0.04	6.23e-03	-0.01	1.23e-04	2.71e-05	-2.45e-05
1860	71	-0.04	5.97e-03	-0.01	1.23e-04	2.69e-05	-2.44e-05
1860	82	0.01	-0.01	-7.12e-03	1.22e-04	1.01e-04	3.51e-05
1861	7	-0.09	0.03	-0.02	-6.86e-05	-6.74e-04	-7.99e-05
1861	18	0.03	-0.04	-0.01	-5.55e-05	-5.14e-04	-2.15e-05
1861	27	-0.04	0.03	-0.02	-9.62e-05	-7.08e-04	-6.96e-05
1861	39	-0.04	0.01	-0.02	-7.20e-05	-6.39e-04	-6.14e-05
1861	50	0.02	-0.02	-0.01	-6.59e-05	-5.65e-04	-3.38e-05
1861	59	-0.02	0.01	-0.02	-8.49e-05	-6.55e-04	-5.64e-05
1861	71	-0.04	0.01	-0.02	-7.22e-05	-6.37e-04	-6.00e-05
1861	82	0.01	-0.02	-0.01	-6.67e-05	-5.68e-04	-3.47e-05
1861	91	-0.02	0.01	-0.02	-8.41e-05	-6.51e-04	-5.54e-05
1862	7	-0.09	0.03	-0.01	-9.77e-05	-6.59e-04	-7.32e-05
1862	18	0.03	-0.04	-7.43e-03	-8.40e-05	-4.98e-04	-1.80e-05
1862	27	-0.04	0.03	-0.01	-1.23e-04	-6.93e-04	-6.96e-05
1862	39	-0.04	0.01	-0.01	-1.00e-04	-6.24e-04	-5.77e-05
1862	50	0.02	-0.02	-9.38e-03	-9.40e-05	-5.49e-04	-3.18e-05
1862	59	-0.02	0.01	-0.01	-1.12e-04	-6.39e-04	-5.58e-05
1862	71	-0.04	0.01	-0.01	-1.01e-04	-6.21e-04	-5.66e-05
1862	82	0.01	-0.02	-9.53e-03	-9.47e-05	-5.53e-04	-3.28e-05
1862	91	-0.02	0.01	-0.01	-1.12e-04	-6.35e-04	-5.48e-05
1863	7	-0.09	0.03	-6.59e-03	-1.20e-04	-6.84e-04	-7.38e-05
1863	18	0.03	-0.04	-8.07e-03	-1.08e-04	-5.21e-04	-6.84e-05
1863	28	-0.01	-0.02	-9.85e-03	-1.01e-04	-5.41e-04	-2.87e-05
1863	39	-0.04	0.01	-5.86e-03	-1.22e-04	-6.49e-04	-6.01e-05

1863	50	0.02	-0.02	-6.53e-03	-1.16e-04	-5.73e-04	-5.74e-05
1863	60	-6.47e-03	-0.01	-7.37e-03	-1.13e-04	-5.82e-04	-3.90e-05
1863	71	-0.04	9.73e-03	-5.81e-03	-1.22e-04	-6.46e-04	-5.90e-05
1863	82	0.01	-0.02	-6.42e-03	-1.17e-04	-5.76e-04	-5.65e-05
1863	92	-6.04e-03	-0.01	-7.19e-03	-1.14e-04	-5.85e-04	-3.98e-05
1864	7	-0.09	0.03	-3.49e-04	-1.06e-04	-7.34e-04	-6.12e-05
1864	18	0.04	-0.04	-2.16e-03	-9.85e-05	-5.65e-04	-8.24e-05
1864	25	8.49e-03	0.02	6.12e-03	-1.25e-04	-7.40e-04	-1.87e-05
1864	39	-0.04	0.01	3.72e-04	-1.08e-04	-6.96e-04	-5.76e-05
1864	50	0.02	-0.02	-4.57e-04	-1.04e-04	-6.17e-04	-6.74e-05
1864	57	3.21e-03	6.46e-03	3.41e-03	-1.17e-04	-6.99e-04	-3.78e-05
1864	71	-0.04	9.38e-03	4.32e-04	-1.08e-04	-6.93e-04	-5.74e-05
1864	82	0.01	-0.02	-3.30e-04	-1.05e-04	-6.21e-04	-6.63e-05
1864	89	2.80e-03	5.63e-03	3.20e-03	-1.16e-04	-6.96e-04	-3.92e-05
1865	7	-0.09	0.03	4.53e-03	-4.78e-05	-7.92e-04	-6.71e-05
1865	18	0.04	-0.04	2.59e-03	-5.26e-05	-6.13e-04	-9.46e-05
1865	25	7.06e-03	0.02	0.01	-2.50e-05	-7.95e-04	-2.25e-05
1865	39	-0.05	0.01	5.17e-03	-4.47e-05	-7.52e-04	-6.44e-05
1865	50	0.02	-0.02	4.28e-03	-4.68e-05	-6.68e-04	-7.72e-05
1865	57	2.18e-03	6.28e-03	8.08e-03	-3.41e-05	-7.53e-04	-4.37e-05
1865	71	-0.04	9.14e-03	5.22e-03	-4.45e-05	-7.49e-04	-6.42e-05
1865	82	0.01	-0.02	4.40e-03	-4.64e-05	-6.72e-04	-7.59e-05
1865	89	1.80e-03	5.45e-03	7.88e-03	-3.48e-05	-7.50e-04	-4.52e-05
1866	7	-0.09	0.03	5.48e-03	8.43e-05	-8.50e-04	-7.47e-05
1866	18	0.04	-0.04	3.73e-03	7.44e-05	-6.57e-04	-1.05e-04
1866	25	5.26e-03	0.02	0.01	1.24e-04	-8.47e-04	-2.88e-05
1866	39	-0.05	0.01	5.96e-03	8.91e-05	-8.05e-04	-7.23e-05
1866	50	0.02	-0.02	5.15e-03	8.46e-05	-7.14e-04	-8.61e-05
1866	57	8.66e-04	6.35e-03	8.35e-03	1.08e-04	-8.03e-04	-5.09e-05
1866	71	-0.04	9.15e-03	6.00e-03	8.95e-05	-8.02e-04	-7.21e-05
1866	82	0.01	-0.02	5.26e-03	8.54e-05	-7.19e-04	-8.48e-05
1866	89	5.13e-04	5.52e-03	8.19e-03	1.06e-04	-8.00e-04	-5.25e-05
1867	7	-0.10	0.03	-1.93e-03	2.90e-04	-8.26e-04	-8.26e-05
1867	18	0.04	-0.04	2.20e-03	2.72e-04	-6.82e-04	-1.11e-04
1867	27	-0.05	0.03	-2.67e-03	3.37e-04	-9.22e-04	-4.61e-05
1867	39	-0.05	0.01	-9.81e-04	2.97e-04	-8.42e-04	-8.00e-05
1867	50	0.01	-0.02	9.61e-04	2.89e-04	-7.43e-04	-9.33e-05
1867	59	-0.03	0.01	-1.33e-03	3.19e-04	-8.56e-04	-6.30e-05
1867	71	-0.04	9.61e-03	-9.07e-04	2.97e-04	-8.39e-04	-7.98e-05
1867	82	0.01	-0.02	8.67e-04	2.90e-04	-7.48e-04	-9.20e-05
1867	91	-0.02	0.01	-1.22e-03	3.18e-04	-8.51e-04	-6.43e-05
1868	7	-0.09	0.02	-0.03	1.33e-04	7.64e-06	-1.35e-04
1868	18	0.03	-0.03	-9.57e-03	1.39e-04	2.02e-04	-2.55e-05
1868	39	-0.04	7.13e-03	-0.02	1.24e-04	6.07e-05	-1.05e-04
1868	50	0.02	-0.01	-0.01	1.27e-04	1.52e-04	-5.38e-05
1868	71	-0.04	6.40e-03	-0.02	1.24e-04	6.47e-05	-1.03e-04
1868	82	0.02	-0.01	-0.01	1.26e-04	1.48e-04	-5.59e-05
1869	7	-0.10	0.02	0.02	3.89e-04	-9.54e-04	-1.13e-03
1869	18	0.04	-0.04	0.01	3.63e-04	-7.39e-04	-9.12e-04
1869	27	-0.05	0.03	0.02	4.49e-04	-9.90e-04	-1.16e-03
1869	39	-0.05	9.33e-03	0.02	3.97e-04	-9.05e-04	-1.08e-03
1869	50	0.01	-0.02	0.01	3.85e-04	-8.04e-04	-9.75e-04
1869	51	-0.02	0.01	0.02	4.23e-04	-9.17e-04	-1.09e-03
1869	71	-0.04	8.16e-03	0.02	3.98e-04	-9.01e-04	-1.07e-03
1869	82	0.01	-0.02	0.01	3.86e-04	-8.08e-04	-9.79e-04
1869	83	-0.02	0.01	0.02	4.21e-04	-9.12e-04	-1.08e-03
1870	7	-0.09	0.02	6.96e-03	-1.02e-04	1.81e-04	1.74e-05
1870	18	0.03	-0.04	0.02	-1.04e-04	3.52e-05	1.56e-06
1870	25	0.01	0.02	0.02	-1.39e-04	1.41e-04	1.07e-05
1870	39	-0.04	8.53e-03	9.10e-03	-1.09e-04	1.41e-04	1.26e-05
1870	50	0.02	-0.02	0.02	-1.10e-04	7.26e-05	5.18e-06
1870	57	5.28e-03	5.26e-03	0.02	-1.26e-04	1.21e-04	9.40e-06
1870	71	-0.04	7.42e-03	9.26e-03	-1.10e-04	1.38e-04	1.23e-05
1870	82	0.01	-0.02	0.02	-1.11e-04	7.54e-05	5.45e-06
1870	89	4.81e-03	4.43e-03	0.02	-1.25e-04	1.20e-04	9.30e-06
1871	7	-0.09	0.02	-0.02	3.58e-05	1.83e-04	1.14e-05
1871	18	0.03	-0.04	0.01	9.80e-06	1.18e-04	8.92e-06
1871	27	-0.04	0.03	-0.02	-8.14e-06	1.84e-04	1.11e-05
1871	39	-0.04	8.59e-03	-0.01	1.79e-05	1.66e-04	1.07e-05
1871	50	0.02	-0.02	2.59e-03	5.07e-06	1.35e-04	9.50e-06
1871	59	-0.02	0.01	-0.01	-2.80e-06	1.66e-04	1.05e-05
1871	71	-0.04	7.60e-03	-0.01	1.65e-05	1.64e-04	1.06e-05
1871	82	0.01	-0.02	1.99e-03	4.75e-06	1.37e-04	9.55e-06
1871	91	-0.02	9.71e-03	-0.01	-2.44e-06	1.65e-04	1.05e-05
1872	7	-0.09	0.02	0.02	-2.58e-04	-1.87e-04	3.06e-05
1872	18	0.03	-0.04	0.01	-2.13e-04	-1.46e-04	2.31e-05
1872	25	0.01	0.02	0.03	-2.49e-04	-3.10e-04	8.16e-06

1872	39	-0.04	8.54e-03	0.02	-2.46e-04	-2.00e-04	2.50e-05
1872	50	0.02	-0.02	0.02	-2.25e-04	-1.82e-04	2.13e-05
1872	57	4.88e-03	5.06e-03	0.02	-2.42e-04	-2.57e-04	1.44e-05
1872	71	-0.04	7.39e-03	0.02	-2.45e-04	-2.01e-04	2.46e-05
1872	82	0.01	-0.02	0.02	-2.26e-04	-1.84e-04	2.11e-05
1872	89	4.43e-03	4.20e-03	0.02	-2.42e-04	-2.54e-04	1.49e-05
1873	7	-0.09	0.02	-0.03	1.31e-04	1.55e-05	-4.70e-06
1873	18	0.03	-0.03	-4.26e-03	1.18e-04	1.89e-04	1.06e-05
1873	39	-0.04	7.61e-03	-0.02	1.15e-04	6.06e-05	3.63e-06
1873	50	0.02	-0.01	-9.98e-03	1.09e-04	1.41e-04	1.11e-05
1873	71	-0.04	6.81e-03	-0.02	1.14e-04	6.40e-05	4.28e-06
1873	82	0.02	-0.01	-0.01	1.08e-04	1.38e-04	1.11e-05
1874	7	-0.09	0.02	-7.97e-03	-4.61e-05	2.09e-04	8.85e-06
1874	18	0.03	-0.04	0.02	-5.79e-05	1.11e-04	6.17e-06
1874	26	0.04	-0.04	0.02	-5.74e-05	1.09e-04	6.14e-06
1874	39	-0.04	8.62e-03	-1.18e-03	-5.72e-05	1.79e-04	8.18e-06
1874	50	0.02	-0.02	0.01	-6.31e-05	1.33e-04	6.95e-06
1874	58	0.02	-0.02	0.01	-6.29e-05	1.32e-04	6.93e-06
1874	71	-0.04	7.55e-03	-6.81e-04	-5.81e-05	1.76e-04	8.13e-06
1874	82	0.01	-0.02	0.01	-6.35e-05	1.34e-04	7.00e-06
1874	90	0.02	-0.02	0.01	-6.33e-05	1.34e-04	6.99e-06
1875	7	-0.09	0.02	-0.01	-6.97e-06	2.04e-04	1.67e-05
1875	18	0.03	-0.04	0.02	-2.61e-05	1.38e-04	8.93e-06
1875	26	0.04	-0.03	0.02	-2.54e-05	1.36e-04	8.67e-06
1875	39	-0.04	8.64e-03	-6.26e-03	-2.15e-05	1.82e-04	1.41e-05
1875	50	0.02	-0.02	7.39e-03	-3.10e-05	1.51e-04	1.04e-05
1875	58	0.02	-0.02	7.51e-03	-3.06e-05	1.49e-04	1.03e-05
1875	71	-0.04	7.61e-03	-5.72e-03	-2.26e-05	1.80e-04	1.39e-05
1875	82	0.01	-0.02	6.78e-03	-3.13e-05	1.51e-04	1.05e-05
1875	90	0.02	-0.02	6.89e-03	-3.10e-05	1.50e-04	1.04e-05
1876	7	-0.09	0.02	-0.03	1.10e-04	2.52e-05	-4.23e-05
1876	18	0.04	-0.03	-5.56e-03	1.12e-04	2.07e-04	-2.62e-05
1876	39	-0.04	7.94e-03	-0.02	1.00e-04	7.43e-05	-4.61e-05
1876	50	0.02	-0.01	-0.01	1.00e-04	1.59e-04	-3.87e-05
1876	71	-0.04	7.12e-03	-0.02	9.93e-05	7.80e-05	-4.64e-05
1876	82	0.02	-0.01	-0.01	9.95e-05	1.56e-04	-3.96e-05
1877	7	-0.09	0.02	0.02	-1.83e-04	-7.45e-04	-4.05e-05
1877	18	0.04	-0.04	0.02	-1.42e-04	-5.72e-04	-3.03e-05
1877	25	8.23e-03	0.02	0.03	-1.72e-04	-7.51e-04	-4.08e-05
1877	39	-0.04	8.49e-03	0.03	-1.72e-04	-7.06e-04	-3.82e-05
1877	50	0.02	-0.02	0.02	-1.53e-04	-6.26e-04	-3.35e-05
1877	57	3.06e-03	4.77e-03	0.03	-1.67e-04	-7.09e-04	-3.83e-05
1877	71	-0.04	7.31e-03	0.03	-1.71e-04	-7.03e-04	-3.80e-05
1877	82	0.01	-0.02	0.02	-1.53e-04	-6.30e-04	-3.37e-05
1877	89	2.65e-03	3.91e-03	0.03	-1.66e-04	-7.06e-04	-3.82e-05
1878	7	-0.09	0.03	-0.01	-5.95e-05	-5.20e-04	-6.76e-05
1878	18	0.03	-0.04	-3.04e-03	-4.95e-05	-3.57e-04	-1.60e-05
1878	19	-0.03	0.03	-0.01	-8.25e-05	-5.48e-04	-5.86e-05
1878	39	-0.04	0.01	-8.44e-03	-6.29e-05	-4.84e-04	-5.17e-05
1878	50	0.02	-0.02	-5.21e-03	-5.83e-05	-4.08e-04	-2.73e-05
1878	51	-0.02	0.01	-8.94e-03	-7.37e-05	-4.97e-04	-4.72e-05
1878	71	-0.04	9.38e-03	-8.32e-03	-6.32e-05	-4.81e-04	-5.05e-05
1878	82	0.01	-0.02	-5.37e-03	-5.90e-05	-4.12e-04	-2.82e-05
1878	83	-0.02	0.01	-8.78e-03	-7.30e-05	-4.93e-04	-4.64e-05
1879	7	-0.10	0.02	0.07	2.59e-04	-1.10e-03	4.02e-04
1879	18	0.04	-0.05	0.05	2.23e-04	-8.93e-04	3.55e-04
1879	27	-0.05	0.03	0.07	3.24e-04	-1.13e-03	4.72e-04
1879	39	-0.05	5.07e-03	0.06	2.65e-04	-1.05e-03	4.07e-04
1879	50	0.01	-0.03	0.06	2.48e-04	-9.55e-04	3.85e-04
1879	59	-0.03	7.78e-03	0.07	2.95e-04	-1.07e-03	4.39e-04
1879	71	-0.04	3.88e-03	0.06	2.66e-04	-1.05e-03	4.07e-04
1879	82	0.01	-0.03	0.06	2.50e-04	-9.59e-04	3.87e-04
1879	91	-0.02	6.36e-03	0.06	2.93e-04	-1.06e-03	4.37e-04
1880	7	-0.09	0.02	0.07	2.07e-05	-1.00e-03	-4.87e-05
1880	18	0.04	-0.05	0.06	1.07e-04	-8.02e-04	-3.86e-05
1880	27	-0.05	0.03	0.07	7.61e-06	-1.03e-03	-5.07e-05
1880	39	-0.05	5.25e-03	0.07	4.12e-05	-9.54e-04	-4.64e-05
1880	50	0.02	-0.03	0.06	8.15e-05	-8.60e-04	-4.18e-05
1880	59	-0.02	7.94e-03	0.07	3.52e-05	-9.68e-04	-4.73e-05
1880	71	-0.04	4.06e-03	0.07	4.28e-05	-9.51e-04	-4.63e-05
1880	82	0.01	-0.02	0.06	7.97e-05	-8.65e-04	-4.20e-05
1880	91	-0.02	6.52e-03	0.07	3.72e-05	-9.63e-04	-4.71e-05
1881	7	-0.09	0.02	0.07	-1.07e-04	-9.15e-04	-5.43e-05
1881	18	0.04	-0.05	0.05	-3.75e-05	-7.25e-04	-4.22e-05
1881	27	-0.05	0.03	0.07	-1.13e-04	-9.44e-04	-5.58e-05
1881	39	-0.05	5.63e-03	0.06	-8.96e-05	-8.71e-04	-5.14e-05
1881	50	0.02	-0.03	0.06	-5.70e-05	-7.82e-04	-4.57e-05

1881	59	-0.02	8.29e-03	0.07	-9.21e-05	-8.85e-04	-5.21e-05
1881	71	-0.04	4.44e-03	0.06	-8.83e-05	-8.68e-04	-5.12e-05
1881	82	0.01	-0.02	0.06	-5.84e-05	-7.86e-04	-4.60e-05
1881	91	-0.02	6.87e-03	0.07	-9.05e-05	-8.80e-04	-5.18e-05
1882	7	-0.09	0.02	0.06	-1.94e-04	-8.30e-04	-5.81e-05
1882	18	0.04	-0.05	0.05	-1.33e-04	-6.49e-04	-4.08e-05
1882	27	-0.04	0.03	0.06	-1.95e-04	-8.61e-04	-5.92e-05
1882	39	-0.05	6.13e-03	0.06	-1.78e-04	-7.89e-04	-5.37e-05
1882	50	0.02	-0.03	0.05	-1.49e-04	-7.04e-04	-4.55e-05
1882	59	-0.02	8.75e-03	0.06	-1.78e-04	-8.03e-04	-5.42e-05
1882	71	-0.04	4.94e-03	0.06	-1.76e-04	-7.86e-04	-5.33e-05
1882	82	0.01	-0.02	0.05	-1.50e-04	-7.08e-04	-4.58e-05
1882	91	-0.02	7.34e-03	0.06	-1.76e-04	-7.99e-04	-5.38e-05
1883	7	-0.09	0.02	0.06	-2.53e-04	-7.45e-04	-3.03e-05
1883	18	0.04	-0.04	0.04	-1.96e-04	-5.73e-04	-4.04e-05
1883	27	-0.04	0.03	0.06	-2.51e-04	-7.78e-04	-3.79e-05
1883	39	-0.04	6.69e-03	0.05	-2.37e-04	-7.07e-04	-3.18e-05
1883	50	0.02	-0.02	0.04	-2.10e-04	-6.26e-04	-3.65e-05
1883	59	-0.02	9.27e-03	0.05	-2.36e-04	-7.22e-04	-3.53e-05
1883	71	-0.04	5.51e-03	0.05	-2.36e-04	-7.04e-04	-3.19e-05
1883	82	0.01	-0.02	0.04	-2.11e-04	-6.30e-04	-3.62e-05
1883	91	-0.02	7.87e-03	0.05	-2.35e-04	-7.18e-04	-3.51e-05
1884	7	-0.09	0.02	0.04	-2.91e-04	-6.51e-04	-3.91e-05
1884	18	0.04	-0.04	0.03	-2.33e-04	-4.85e-04	-2.65e-05
1884	25	9.23e-03	0.02	0.05	-2.72e-04	-6.60e-04	-3.81e-05
1884	39	-0.04	7.29e-03	0.04	-2.75e-04	-6.15e-04	-3.61e-05
1884	50	0.02	-0.02	0.04	-2.47e-04	-5.38e-04	-3.01e-05
1884	57	3.80e-03	3.89e-03	0.04	-2.66e-04	-6.19e-04	-3.56e-05
1884	71	-0.04	6.12e-03	0.04	-2.73e-04	-6.12e-04	-3.58e-05
1884	82	0.01	-0.02	0.04	-2.48e-04	-5.41e-04	-3.04e-05
1884	89	3.37e-03	3.00e-03	0.04	-2.65e-04	-6.16e-04	-3.54e-05
1885	7	-0.09	0.02	0.03	-3.06e-04	-5.29e-04	-3.27e-05
1885	18	0.03	-0.04	0.02	-2.46e-04	-3.65e-04	-3.60e-05
1885	25	9.92e-03	0.02	0.04	-2.87e-04	-5.38e-04	-4.98e-05
1885	39	-0.04	7.91e-03	0.03	-2.90e-04	-4.93e-04	-3.65e-05
1885	50	0.02	-0.02	0.03	-2.61e-04	-4.17e-04	-3.82e-05
1885	57	4.30e-03	4.47e-03	0.03	-2.80e-04	-4.97e-04	-4.45e-05
1885	71	-0.04	6.75e-03	0.03	-2.88e-04	-4.90e-04	-3.68e-05
1885	82	0.01	-0.02	0.03	-2.62e-04	-4.20e-04	-3.83e-05
1885	89	3.86e-03	3.60e-03	0.03	-2.80e-04	-4.94e-04	-4.41e-05
1886	7	-0.09	0.02	0.02	-1.70e-04	9.05e-05	-3.27e-06
1886	18	0.03	-0.04	0.01	-1.65e-04	9.29e-05	-1.05e-05
1886	25	0.01	0.02	0.03	-2.02e-04	-4.72e-05	-1.06e-05
1886	39	-0.04	8.24e-03	0.02	-1.75e-04	6.64e-05	-4.00e-06
1886	50	0.02	-0.02	0.01	-1.73e-04	6.64e-05	-7.32e-06
1886	57	5.28e-03	4.90e-03	0.02	-1.90e-04	2.05e-06	-7.40e-06
1886	71	-0.04	7.12e-03	0.02	-1.75e-04	6.46e-05	-4.06e-06
1886	82	0.01	-0.02	0.02	-1.73e-04	6.45e-05	-7.10e-06
1886	89	4.81e-03	4.06e-03	0.02	-1.89e-04	5.63e-06	-7.16e-06
1887	7	-0.09	0.02	9.91e-03	-1.14e-04	2.38e-04	1.57e-05
1887	18	0.03	-0.04	5.48e-03	-1.15e-04	8.15e-05	5.77e-06
1887	25	0.01	0.02	0.03	-1.54e-04	1.87e-04	1.17e-05
1887	39	-0.04	8.23e-03	0.01	-1.22e-04	1.93e-04	1.27e-05
1887	50	0.02	-0.02	0.01	-1.22e-04	1.20e-04	8.07e-06
1887	57	5.54e-03	5.03e-03	0.02	-1.41e-04	1.68e-04	1.08e-05
1887	71	-0.04	7.14e-03	0.01	-1.22e-04	1.90e-04	1.25e-05
1887	82	0.02	-0.02	0.01	-1.23e-04	1.23e-04	8.24e-06
1887	89	5.06e-03	4.20e-03	0.02	-1.39e-04	1.67e-04	1.07e-05
1888	7	-0.09	0.02	2.39e-03	-5.83e-05	2.75e-04	1.91e-05
1888	18	0.03	-0.04	-1.19e-03	-6.85e-05	1.51e-04	1.29e-05
1888	25	0.01	0.02	0.02	-1.13e-04	2.16e-04	1.51e-05
1888	39	-0.04	8.36e-03	5.67e-03	-7.03e-05	2.37e-04	1.70e-05
1888	50	0.02	-0.02	4.15e-03	-7.55e-05	1.78e-04	1.40e-05
1888	57	5.76e-03	5.29e-03	0.02	-9.59e-05	2.08e-04	1.51e-05
1888	71	-0.04	7.29e-03	5.93e-03	-7.13e-05	2.34e-04	1.68e-05
1888	82	0.02	-0.02	4.53e-03	-7.60e-05	1.80e-04	1.41e-05
1888	89	5.27e-03	4.48e-03	0.02	-9.47e-05	2.08e-04	1.51e-05
1889	6	0.09	-0.03	9.49e-03	-6.89e-05	1.57e-04	1.06e-05
1889	18	0.04	-0.04	-8.11e-03	-2.41e-05	1.84e-04	1.14e-05
1889	25	0.01	0.02	0.02	-7.39e-05	2.17e-04	1.00e-05
1889	38	0.04	-0.02	5.46e-03	-5.20e-05	1.87e-04	1.08e-05
1889	50	0.02	-0.02	-2.73e-03	-3.09e-05	2.00e-04	1.12e-05
1889	57	5.93e-03	5.61e-03	9.80e-03	-5.38e-05	2.15e-04	1.05e-05
1889	70	0.04	-0.01	5.15e-03	-5.06e-05	1.90e-04	1.08e-05
1889	82	0.02	-0.02	-2.35e-03	-3.14e-05	2.01e-04	1.11e-05
1889	89	5.43e-03	4.83e-03	9.12e-03	-5.23e-05	2.15e-04	1.06e-05
1890	6	0.09	-0.03	3.85e-03	-3.67e-05	1.63e-04	4.73e-06

1890	18	0.04	-0.03	0.01	1.68e-05	1.72e-04	8.01e-06
1890	28	-0.01	-0.02	-0.02	4.85e-05	1.91e-04	1.15e-05
1890	38	0.04	-0.01	-7.95e-04	-1.49e-05	1.85e-04	8.48e-06
1890	50	0.02	-0.02	2.91e-03	1.02e-05	1.89e-04	1.01e-05
1890	60	-5.92e-03	-0.01	-0.01	2.53e-05	1.98e-04	1.18e-05
1890	70	0.04	-0.01	-1.15e-03	-1.33e-05	1.86e-04	8.77e-06
1890	82	0.02	-0.02	2.24e-03	9.76e-06	1.91e-04	1.02e-05
1890	92	-5.42e-03	-0.01	-0.01	2.35e-05	1.99e-04	1.18e-05
1891	6	0.09	-0.03	-1.77e-03	-4.93e-06	1.48e-04	1.75e-05
1891	8	-0.08	6.62e-03	-0.03	1.07e-04	1.92e-04	5.42e-06
1891	18	0.04	-0.03	5.16e-03	5.37e-05	1.35e-04	1.10e-05
1891	38	0.04	-0.01	-6.76e-03	1.94e-05	1.67e-04	1.48e-05
1891	40	-0.04	1.90e-03	-0.02	7.26e-05	1.87e-04	9.10e-06
1891	50	0.02	-0.02	-3.69e-03	4.70e-05	1.61e-04	1.18e-05
1891	70	0.04	-0.01	-7.14e-03	2.13e-05	1.68e-04	1.46e-05
1891	72	-0.04	1.54e-03	-0.02	7.00e-05	1.87e-04	9.38e-06
1891	82	0.02	-0.02	-4.34e-03	4.65e-05	1.63e-04	1.18e-05
1892	7	-0.09	0.02	-0.03	1.22e-04	1.14e-04	-6.37e-05
1892	18	0.04	-0.03	-2.04e-03	8.09e-05	2.32e-04	1.42e-04
1892	39	-0.04	8.36e-03	-0.02	9.42e-05	1.33e-04	1.33e-06
1892	50	0.02	-0.02	-9.98e-03	7.41e-05	1.91e-04	9.87e-05
1892	71	-0.04	7.49e-03	-0.02	9.21e-05	1.37e-04	6.30e-06
1892	82	0.02	-0.01	-0.01	7.36e-05	1.88e-04	9.54e-05
1893	3	-0.09	0.02	-0.02	1.44e-04	1.46e-05	-7.11e-05
1893	7	-0.09	0.01	-0.02	1.44e-04	1.39e-05	-7.08e-05
1893	18	0.03	-0.03	-6.35e-03	1.50e-04	1.91e-04	6.65e-05
1893	35	-0.04	6.35e-03	-0.01	1.36e-04	5.98e-05	-2.88e-05
1893	39	-0.04	6.08e-03	-0.01	1.36e-04	5.95e-05	-2.87e-05
1893	50	0.02	-0.01	-9.19e-03	1.38e-04	1.42e-04	3.64e-05
1893	67	-0.04	5.67e-03	-0.01	1.35e-04	6.32e-05	-2.56e-05
1893	71	-0.04	5.42e-03	-0.01	1.35e-04	6.29e-05	-2.54e-05
1893	82	0.01	-0.01	-9.40e-03	1.37e-04	1.38e-04	3.41e-05
1894	7	-0.09	0.02	-0.02	1.16e-04	-2.03e-05	-6.33e-05
1894	18	0.03	-0.03	2.01e-04	1.10e-04	1.37e-04	6.64e-05
1894	27	-0.04	0.02	-0.02	7.62e-05	-3.74e-05	-4.46e-05
1894	39	-0.04	7.29e-03	-0.01	1.05e-04	1.77e-05	-2.46e-05
1894	50	0.02	-0.02	-4.93e-03	1.01e-04	9.03e-05	3.68e-05
1894	59	-0.02	9.98e-03	-0.01	8.59e-05	1.01e-05	-1.54e-05
1894	71	-0.04	6.49e-03	-0.01	1.04e-04	2.05e-05	-2.17e-05
1894	82	0.01	-0.01	-5.30e-03	1.01e-04	8.70e-05	3.46e-05
1894	91	-0.02	8.95e-03	-0.01	8.66e-05	1.35e-05	-1.32e-05
1895	7	-0.09	0.02	-0.02	7.09e-05	1.13e-04	-4.65e-05
1895	18	0.03	-0.03	5.93e-03	5.75e-05	1.44e-05	5.97e-05
1895	27	-0.04	0.03	-0.02	3.36e-05	1.32e-04	-3.64e-05
1895	39	-0.04	8.19e-03	-0.01	5.79e-05	9.11e-05	-1.60e-05
1895	50	0.02	-0.02	-1.05e-03	5.12e-05	4.56e-05	3.42e-05
1895	59	-0.02	0.01	-0.01	4.05e-05	9.99e-05	-1.09e-05
1895	71	-0.04	7.26e-03	-0.01	5.69e-05	8.95e-05	-1.36e-05
1895	82	0.01	-0.02	-1.56e-03	5.07e-05	4.79e-05	3.23e-05
1895	91	-0.02	9.47e-03	-0.01	4.09e-05	9.75e-05	-9.02e-06
1896	7	-0.09	0.02	-0.02	2.11e-05	1.36e-04	-3.09e-05
1896	18	0.03	-0.04	0.01	7.63e-06	8.02e-05	5.08e-05
1896	27	-0.04	0.03	-0.02	-1.10e-05	1.34e-04	-2.75e-05
1896	39	-0.04	8.64e-03	-8.88e-03	9.38e-06	1.20e-04	-8.25e-06
1896	50	0.02	-0.02	3.82e-03	2.66e-06	9.41e-05	3.03e-05
1896	59	-0.02	0.01	-9.85e-03	-5.72e-06	1.19e-04	-6.42e-06
1896	71	-0.04	7.63e-03	-8.38e-03	8.47e-06	1.19e-04	-6.53e-06
1896	82	0.01	-0.02	3.24e-03	2.31e-06	9.51e-05	2.88e-05
1896	91	-0.02	9.74e-03	-9.27e-03	-5.34e-06	1.18e-04	-4.85e-06
1897	7	-0.09	0.02	-9.26e-03	-2.25e-05	1.55e-04	-2.18e-05
1897	18	0.03	-0.04	0.02	-3.08e-05	7.25e-05	3.87e-05
1897	26	0.04	-0.04	0.02	-3.04e-05	7.12e-05	4.07e-05
1897	39	-0.04	8.80e-03	-3.04e-03	-3.17e-05	1.30e-04	-5.24e-06
1897	50	0.02	-0.02	8.98e-03	-3.59e-05	9.13e-05	2.33e-05
1897	58	0.02	-0.02	9.07e-03	-3.57e-05	9.07e-05	2.42e-05
1897	71	-0.04	7.72e-03	-2.58e-03	-3.24e-05	1.28e-04	-3.99e-06
1897	82	0.01	-0.02	8.42e-03	-3.62e-05	9.27e-05	2.21e-05
1897	90	0.02	-0.02	8.51e-03	-3.61e-05	9.21e-05	2.30e-05
1898	7	-0.09	0.02	-2.74e-03	-5.13e-05	1.03e-04	-2.21e-05
1898	18	0.03	-0.04	0.02	-5.25e-05	-3.24e-05	2.18e-05
1898	26	0.04	-0.04	0.02	-5.22e-05	-3.41e-05	2.45e-05
1898	39	-0.04	8.91e-03	2.20e-03	-5.79e-05	6.81e-05	-9.54e-06
1898	50	0.02	-0.02	0.01	-5.87e-05	4.90e-06	1.11e-05
1898	58	0.02	-0.02	0.01	-5.86e-05	4.15e-06	1.24e-05
1898	71	-0.04	7.79e-03	2.56e-03	-5.84e-05	6.54e-05	-8.59e-06
1898	82	0.01	-0.02	0.01	-5.92e-05	7.62e-06	1.03e-05
1898	90	0.02	-0.02	0.01	-5.90e-05	6.93e-06	1.15e-05

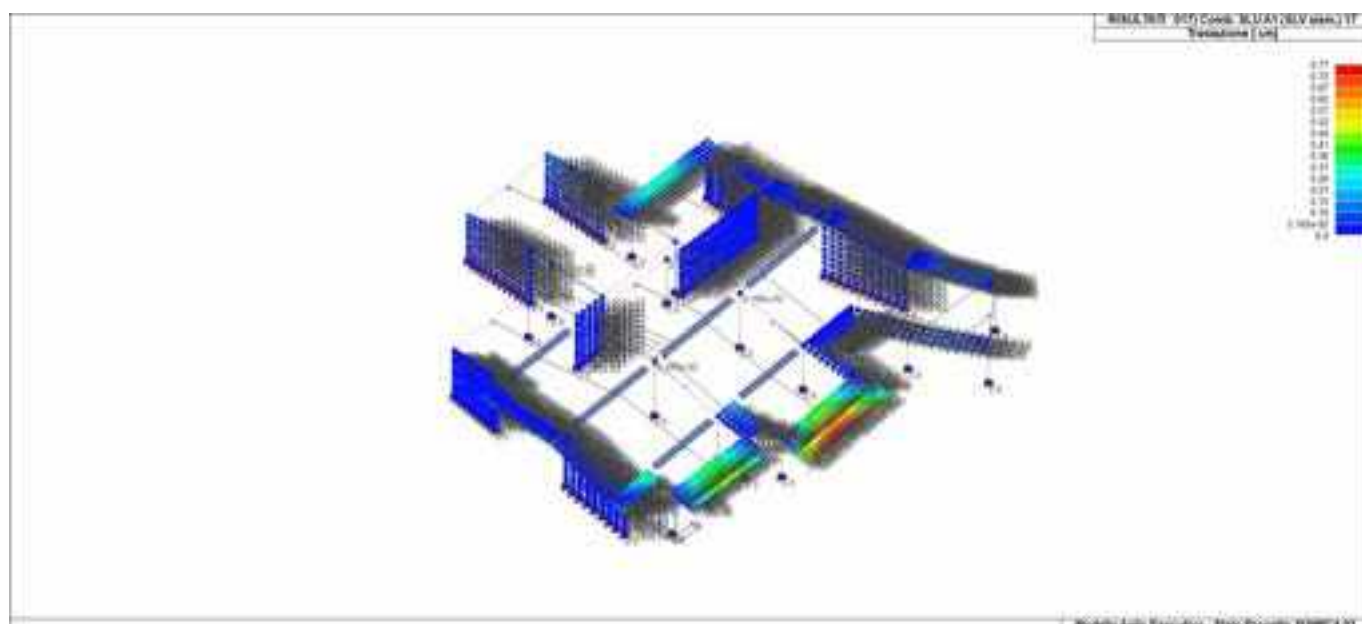
1899	7	-0.09	0.02	-9.11e-04	-6.01e-05	-1.14e-04	-3.55e-05
1899	18	0.03	-0.04	0.01	-5.52e-05	-7.64e-05	3.65e-06
1899	26	0.04	-0.04	0.01	-5.47e-05	-7.37e-05	5.52e-06
1899	39	-0.04	9.34e-03	2.36e-03	-6.48e-05	-1.27e-04	-2.39e-05
1899	50	0.02	-0.02	9.02e-03	-6.27e-05	-1.10e-04	-5.54e-06
1899	58	0.02	-0.02	9.06e-03	-6.24e-05	-1.09e-04	-4.64e-06
1899	71	-0.04	8.19e-03	2.60e-03	-6.52e-05	-1.28e-04	-2.30e-05
1899	82	0.01	-0.02	8.69e-03	-6.33e-05	-1.12e-04	-6.22e-06
1899	90	0.02	-0.02	8.73e-03	-6.30e-05	-1.11e-04	-5.39e-06
1900	7	-0.09	0.02	8.26e-03	-1.29e-04	-1.53e-04	-8.37e-06
1900	18	0.03	-0.04	0.02	-1.22e-04	-1.16e-04	-7.63e-06
1900	25	0.01	0.02	0.02	-1.59e-04	-2.75e-04	-1.57e-05
1900	39	-0.04	9.05e-03	9.39e-03	-1.33e-04	-1.67e-04	-9.52e-06
1900	50	0.02	-0.02	0.01	-1.30e-04	-1.50e-04	-9.23e-06
1900	57	4.97e-03	5.50e-03	0.01	-1.47e-04	-2.23e-04	-1.29e-05
1900	71	-0.04	7.91e-03	9.47e-03	-1.33e-04	-1.68e-04	-9.61e-06
1900	82	0.01	-0.02	0.01	-1.30e-04	-1.52e-04	-9.34e-06
1900	89	4.51e-03	4.64e-03	0.01	-1.46e-04	-2.20e-04	-1.27e-05
1901	7	-0.09	0.03	-4.18e-03	-7.52e-05	-4.50e-04	-6.41e-06
1901	18	0.03	-0.04	5.09e-03	-6.59e-05	-2.84e-04	-1.96e-05
1901	27	-0.04	0.03	-5.43e-03	-1.01e-04	-4.81e-04	-6.36e-06
1901	39	-0.04	0.01	-2.02e-03	-7.92e-05	-4.12e-04	-9.95e-06
1901	50	0.02	-0.02	2.27e-03	-7.50e-05	-3.36e-04	-1.61e-05
1901	59	-0.02	0.01	-2.59e-03	-9.14e-05	-4.27e-04	-9.98e-06
1901	71	-0.04	8.86e-03	-1.86e-03	-7.96e-05	-4.10e-04	-1.02e-05
1901	82	0.01	-0.02	2.06e-03	-7.57e-05	-3.40e-04	-1.58e-05
1901	91	-0.02	0.01	-2.38e-03	-9.06e-05	-4.23e-04	-1.02e-05
1902	7	-0.09	0.02	1.46e-03	-9.27e-05	-1.03e-04	-8.31e-06
1902	18	0.03	-0.04	0.02	-8.76e-05	-6.83e-05	-5.30e-06
1902	26	0.04	-0.04	0.02	-8.72e-05	-6.56e-05	-5.01e-06
1902	39	-0.04	9.13e-03	5.00e-03	-9.73e-05	-1.17e-04	-8.97e-06
1902	50	0.02	-0.02	0.01	-9.51e-05	-1.01e-04	-7.57e-06
1902	58	0.02	-0.02	0.01	-9.49e-05	-9.99e-05	-7.44e-06
1902	71	-0.04	7.99e-03	5.26e-03	-9.77e-05	-1.18e-04	-9.02e-06
1902	82	0.01	-0.02	0.01	-9.57e-05	-1.03e-04	-7.74e-06
1902	90	0.02	-0.02	0.01	-9.55e-05	-1.02e-04	-7.62e-06
1903	7	-0.09	0.02	-0.02	7.89e-05	1.10e-04	1.05e-05
1903	18	0.03	-0.03	5.42e-03	5.45e-05	1.42e-04	5.78e-06
1903	27	-0.04	0.03	-0.02	3.36e-05	5.78e-05	9.45e-06
1903	39	-0.04	8.29e-03	-0.01	6.11e-05	1.05e-04	8.95e-06
1903	50	0.02	-0.02	-1.90e-03	4.90e-05	1.20e-04	6.71e-06
1903	59	-0.02	0.01	-0.01	3.99e-05	8.11e-05	8.45e-06
1903	71	-0.04	7.36e-03	-0.01	5.97e-05	1.05e-04	8.83e-06
1903	82	0.01	-0.02	-2.44e-03	4.87e-05	1.18e-04	6.78e-06
1903	91	-0.02	9.55e-03	-0.01	4.03e-05	8.28e-05	8.37e-06
1904	7	-0.09	0.02	-0.02	1.08e-04	2.52e-05	0.0
1904	18	0.03	-0.03	1.67e-03	8.71e-05	1.58e-04	6.35e-06
1904	27	-0.04	0.02	-0.02	6.10e-05	8.82e-06	-8.55e-06
1904	39	-0.04	7.92e-03	-0.02	9.07e-05	5.69e-05	0.0
1904	50	0.02	-0.02	-4.79e-03	8.03e-05	1.19e-04	2.43e-06
1904	59	-0.02	0.01	-0.02	6.87e-05	4.96e-05	-4.40e-06
1904	71	-0.04	7.05e-03	-0.02	8.93e-05	5.92e-05	0.0
1904	82	0.01	-0.01	-5.26e-03	7.98e-05	1.16e-04	2.15e-06
1904	91	-0.02	9.34e-03	-0.02	6.92e-05	5.25e-05	-4.11e-06
1905	7	-0.09	0.02	-0.02	4.69e-05	1.46e-04	0.0
1905	18	0.03	-0.03	9.08e-03	2.44e-05	7.82e-05	1.12e-05
1905	27	-0.04	0.03	-0.02	6.14e-06	1.57e-04	0.0
1905	39	-0.04	8.51e-03	-0.01	3.07e-05	1.30e-04	3.42e-06
1905	50	0.02	-0.02	1.23e-03	1.96e-05	9.89e-05	8.15e-06
1905	59	-0.02	0.01	-0.01	1.15e-05	1.35e-04	2.84e-06
1905	71	-0.04	7.54e-03	-0.01	2.94e-05	1.29e-04	3.60e-06
1905	82	0.01	-0.02	6.56e-04	1.93e-05	1.00e-04	7.93e-06
1905	91	-0.02	9.67e-03	-0.01	1.19e-05	1.34e-04	3.07e-06
1906	7	-0.09	0.02	-0.02	2.08e-05	1.60e-04	9.25e-06
1906	18	0.03	-0.04	0.01	0.0	1.02e-04	3.87e-06
1906	27	-0.04	0.03	-0.02	-1.63e-05	1.58e-04	8.95e-06
1906	39	-0.04	8.63e-03	-9.29e-03	6.19e-06	1.44e-04	7.74e-06
1906	50	0.02	-0.02	3.91e-03	-3.63e-06	1.17e-04	5.23e-06
1906	59	-0.02	0.01	-0.01	-1.13e-05	1.43e-04	7.58e-06
1906	71	-0.04	7.62e-03	-8.76e-03	5.05e-06	1.43e-04	7.63e-06
1906	82	0.01	-0.02	3.32e-03	-3.95e-06	1.18e-04	5.33e-06
1906	91	-0.02	9.73e-03	-9.51e-03	-1.09e-05	1.41e-04	7.48e-06
1907	7	-0.09	0.02	-0.01	-7.49e-06	1.74e-04	1.21e-05
1907	18	0.03	-0.04	0.02	-2.34e-05	1.15e-04	6.79e-06
1907	26	0.04	-0.03	0.02	-2.28e-05	1.12e-04	6.64e-06
1907	39	-0.04	8.70e-03	-6.05e-03	-2.01e-05	1.54e-04	1.05e-05
1907	50	0.02	-0.02	6.99e-03	-2.80e-05	1.26e-04	7.94e-06

1907	58	0.02	-0.02	7.10e-03	-2.77e-05	1.25e-04	7.87e-06
1907	71	-0.04	7.66e-03	-5.53e-03	-2.11e-05	1.53e-04	1.03e-05
1907	82	0.01	-0.02	6.40e-03	-2.83e-05	1.27e-04	8.03e-06
1907	90	0.02	-0.02	6.50e-03	-2.80e-05	1.26e-04	7.96e-06
1908	7	-0.09	0.02	-0.02	1.33e-04	-2.05e-06	0.0
1908	18	0.03	-0.03	-2.28e-03	1.20e-04	1.66e-04	9.59e-06
1908	27	-0.04	0.02	-0.02	8.64e-05	-1.33e-05	0.0
1908	39	-0.04	7.40e-03	-0.02	1.18e-04	4.01e-05	2.68e-06
1908	50	0.02	-0.02	-7.61e-03	1.11e-04	1.18e-04	7.27e-06
1908	71	-0.04	6.60e-03	-0.02	1.17e-04	4.32e-05	2.90e-06
1908	82	0.01	-0.01	-8.00e-03	1.11e-04	1.15e-04	7.10e-06
1909	7	-0.09	0.02	-8.40e-03	-3.81e-05	1.78e-04	8.54e-06
1909	18	0.03	-0.04	0.02	-4.82e-05	8.70e-05	6.59e-06
1909	26	0.04	-0.04	0.02	-4.79e-05	8.55e-05	6.55e-06
1909	39	-0.04	8.72e-03	-1.98e-03	-4.82e-05	1.51e-04	7.95e-06
1909	50	0.02	-0.02	0.01	-5.33e-05	1.08e-04	7.04e-06
1909	58	0.02	-0.02	0.01	-5.31e-05	1.07e-04	7.02e-06
1909	71	-0.04	7.65e-03	-1.50e-03	-4.90e-05	1.49e-04	7.91e-06
1909	82	0.01	-0.02	9.76e-03	-5.36e-05	1.09e-04	7.07e-06
1909	90	0.02	-0.02	9.85e-03	-5.35e-05	1.09e-04	7.05e-06
1910	7	-0.09	0.02	-3.72e-03	-6.59e-05	1.55e-04	1.05e-05
1910	18	0.03	-0.04	0.02	-7.01e-05	2.99e-05	1.91e-06
1910	26	0.04	-0.04	0.02	-6.99e-05	2.83e-05	1.79e-06
1910	39	-0.04	8.74e-03	1.96e-03	-7.36e-05	1.20e-04	8.11e-06
1910	50	0.02	-0.02	0.01	-7.57e-05	6.21e-05	4.09e-06
1910	58	0.02	-0.02	0.01	-7.57e-05	6.14e-05	4.03e-06
1910	71	-0.04	7.64e-03	2.38e-03	-7.42e-05	1.18e-04	7.93e-06
1910	82	0.01	-0.02	0.01	-7.62e-05	6.45e-05	4.24e-06
1910	90	0.02	-0.02	0.01	-7.61e-05	6.38e-05	4.20e-06
1911	7	-0.09	0.02	-0.03	7.99e-05	1.99e-04	1.53e-05
1911	18	0.04	-0.03	5.50e-03	4.72e-05	2.01e-04	9.73e-06
1911	27	-0.04	0.03	-0.03	2.48e-05	2.15e-04	1.56e-05
1911	39	-0.04	8.49e-03	-0.02	5.74e-05	1.81e-04	1.39e-05
1911	50	0.02	-0.02	-2.79e-03	4.13e-05	1.82e-04	1.13e-05
1911	71	-0.04	7.55e-03	-0.02	5.57e-05	1.80e-04	1.38e-05
1911	82	0.02	-0.02	-3.40e-03	4.09e-05	1.80e-04	1.14e-05
1912	7	-0.09	0.02	-7.85e-04	-8.47e-05	8.36e-05	1.30e-05
1912	18	0.03	-0.04	0.02	-8.51e-05	-2.34e-05	2.73e-06
1912	26	0.04	-0.04	0.02	-8.50e-05	9.04e-05	2.54e-06
1912	39	-0.04	8.76e-03	4.33e-03	-9.10e-05	6.52e-05	9.68e-06
1912	50	0.02	-0.02	0.01	-9.13e-05	1.52e-05	4.85e-06
1912	58	0.02	-0.02	0.01	-9.13e-05	6.75e-05	4.77e-06
1912	71	-0.04	7.65e-03	4.70e-03	-9.15e-05	6.38e-05	9.43e-06
1912	82	0.01	-0.02	0.01	-9.18e-05	1.80e-05	5.01e-06
1912	90	0.02	-0.02	0.01	-9.18e-05	6.58e-05	4.93e-06
1913	7	-0.09	0.02	-0.02	3.88e-05	2.22e-04	1.10e-05
1913	18	0.03	-0.04	0.01	1.07e-05	1.52e-04	1.24e-05
1913	27	-0.04	0.03	-0.02	-1.01e-05	2.18e-04	8.95e-06
1913	39	-0.04	8.58e-03	-0.01	1.91e-05	2.02e-04	1.09e-05
1913	50	0.02	-0.02	2.74e-03	5.21e-06	1.69e-04	1.15e-05
1913	59	-0.02	0.01	-0.01	-3.94e-06	2.00e-04	9.91e-06
1913	71	-0.04	7.59e-03	-0.01	1.75e-05	2.00e-04	1.09e-05
1913	82	0.02	-0.02	2.10e-03	4.84e-06	1.70e-04	1.15e-05
1913	91	-0.02	9.70e-03	-0.01	-3.52e-06	1.98e-04	9.98e-06
1914	7	-0.09	0.02	-5.67e-03	-8.89e-06	2.45e-04	8.85e-06
1914	18	0.03	-0.04	0.02	-2.89e-05	1.65e-04	7.71e-06
1914	25	0.01	0.02	0.02	-7.19e-05	1.95e-04	7.63e-06
1914	39	-0.04	8.57e-03	-2.10e-03	-2.46e-05	2.18e-04	8.79e-06
1914	50	0.02	-0.02	8.62e-03	-3.45e-05	1.80e-04	8.26e-06
1914	57	5.64e-03	5.66e-03	8.75e-03	-5.43e-05	1.94e-04	8.23e-06
1914	71	-0.04	7.54e-03	-1.83e-03	-2.58e-05	2.16e-04	8.78e-06
1914	82	0.02	-0.02	7.99e-03	-3.49e-05	1.81e-04	8.30e-06
1914	89	5.16e-03	4.87e-03	8.11e-03	-5.30e-05	1.94e-04	8.27e-06
1915	7	-0.09	0.02	1.13e-03	-9.31e-05	5.26e-06	-5.56e-06
1915	18	0.03	-0.04	0.02	-9.03e-05	-1.09e-04	-5.59e-06
1915	26	0.04	-0.04	0.02	-9.02e-05	2.73e-05	2.13e-06
1915	39	-0.04	8.89e-03	5.48e-03	-9.83e-05	-1.12e-05	-3.85e-06
1915	50	0.02	-0.02	0.01	-9.72e-05	-6.42e-05	-3.86e-06
1915	58	0.02	-0.02	0.01	-9.71e-05	-1.71e-06	0.0
1915	71	-0.04	7.76e-03	5.80e-03	-9.88e-05	-1.24e-05	-3.72e-06
1915	82	0.01	-0.02	0.01	-9.77e-05	-6.10e-05	-3.73e-06
1915	90	0.02	-0.02	0.01	-9.77e-05	-3.78e-06	0.0
1916	7	-0.09	0.02	1.75e-03	-6.04e-05	2.41e-04	2.48e-05
1916	18	0.03	-0.04	0.02	-7.08e-05	1.24e-04	5.04e-06
1916	25	0.01	0.02	0.02	-1.09e-04	1.90e-04	1.71e-05
1916	39	-0.04	8.50e-03	4.62e-03	-7.15e-05	2.06e-04	1.89e-05
1916	50	0.02	-0.02	0.01	-7.67e-05	1.51e-04	9.68e-06

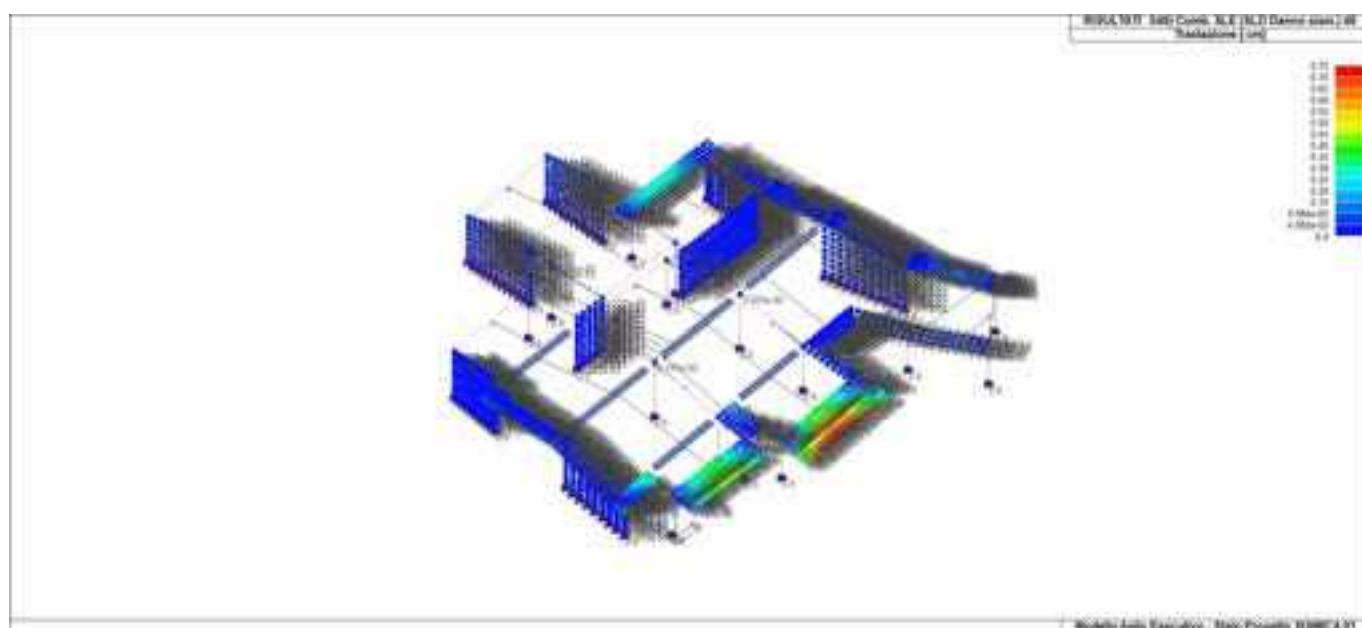
1916	57	5.49e-03	5.39e-03	0.01	-9.44e-05	1.81e-04	1.52e-05
1916	71	-0.04	7.43e-03	4.84e-03	-7.23e-05	2.03e-04	1.85e-05
1916	82	0.02	-0.02	0.01	-7.71e-05	1.53e-04	1.00e-05
1916	89	5.01e-03	4.57e-03	0.01	-9.33e-05	1.80e-04	1.51e-05
1917	7	-0.09	0.02	0.01	-1.35e-04	3.37e-05	-2.86e-06
1917	18	0.03	-0.04	0.02	-1.31e-04	4.79e-05	-4.95e-06
1917	25	0.01	0.02	0.02	-1.65e-04	-8.99e-05	2.50e-06
1917	39	-0.04	8.63e-03	0.01	-1.39e-04	1.47e-05	-2.35e-06
1917	50	0.02	-0.02	0.02	-1.38e-04	2.04e-05	-3.30e-06
1917	57	5.12e-03	5.24e-03	0.02	-1.54e-04	-4.29e-05	0.0
1917	71	-0.04	7.50e-03	0.01	-1.40e-04	1.32e-05	-2.31e-06
1917	82	0.01	-0.02	0.02	-1.38e-04	1.84e-05	-3.18e-06
1917	89	4.66e-03	4.39e-03	0.02	-1.53e-04	-3.95e-05	0.0
1918	7	-0.09	0.02	-0.02	1.50e-04	-4.32e-06	8.65e-06
1918	18	0.03	-0.03	-6.27e-03	1.47e-04	1.83e-04	8.83e-06
1918	39	-0.04	6.85e-03	-0.02	1.37e-04	4.48e-05	5.87e-06
1918	50	0.02	-0.01	-0.01	1.35e-04	1.32e-04	5.95e-06
1918	71	-0.04	6.12e-03	-0.02	1.37e-04	4.85e-05	5.67e-06
1918	82	0.01	-0.01	-0.01	1.35e-04	1.28e-04	5.74e-06
1919	7	-0.09	0.02	0.03	1.45e-04	-9.70e-04	-5.86e-05
1919	18	0.04	-0.04	0.03	1.27e-04	-7.68e-04	-4.51e-05
1919	19	-0.04	0.03	0.04	1.87e-04	-9.93e-04	-5.91e-05
1919	39	-0.05	8.04e-03	0.03	1.52e-04	-9.23e-04	-5.52e-05
1919	50	0.02	-0.02	0.03	1.43e-04	-8.28e-04	-4.88e-05
1919	51	-0.02	0.01	0.03	1.71e-04	-9.34e-04	-5.54e-05
1919	71	-0.04	6.86e-03	0.03	1.52e-04	-9.19e-04	-5.49e-05
1919	82	0.01	-0.02	0.03	1.44e-04	-8.33e-04	-4.91e-05
1919	83	-0.02	9.69e-03	0.03	1.70e-04	-9.29e-04	-5.51e-05
1920	7	-0.09	0.02	0.02	-2.14e-04	-6.73e-04	-5.08e-05
1920	18	0.04	-0.04	0.02	-1.72e-04	-5.06e-04	-3.34e-05
1920	25	9.04e-03	0.02	0.03	-2.03e-04	-6.82e-04	-4.81e-05
1920	39	-0.04	8.81e-03	0.02	-2.02e-04	-6.36e-04	-4.63e-05
1920	50	0.02	-0.02	0.02	-1.83e-04	-5.59e-04	-3.81e-05
1920	57	3.64e-03	5.07e-03	0.02	-1.97e-04	-6.40e-04	-4.50e-05
1920	71	-0.04	7.64e-03	0.02	-2.02e-04	-6.33e-04	-4.60e-05
1920	82	0.01	-0.02	0.02	-1.84e-04	-5.63e-04	-3.85e-05
1920	89	3.22e-03	4.21e-03	0.02	-1.97e-04	-6.37e-04	-4.48e-05
1921	7	-0.09	0.03	2.85e-03	-1.27e-04	-5.05e-04	-3.19e-05
1921	18	0.03	-0.04	6.24e-04	-1.18e-04	-3.41e-04	-2.22e-05
1921	25	0.01	0.02	0.01	-1.59e-04	-5.13e-04	-3.24e-05
1921	39	-0.04	9.85e-03	3.70e-03	-1.31e-04	-4.68e-04	-2.98e-05
1921	50	0.02	-0.02	2.69e-03	-1.26e-04	-3.93e-04	-2.52e-05
1921	57	4.63e-03	6.01e-03	7.09e-03	-1.45e-04	-4.72e-04	-3.00e-05
1921	71	-0.04	8.68e-03	3.76e-03	-1.31e-04	-4.66e-04	-2.96e-05
1921	82	0.01	-0.02	2.84e-03	-1.27e-04	-3.97e-04	-2.55e-05
1921	89	4.18e-03	5.16e-03	6.86e-03	-1.44e-04	-4.69e-04	-2.98e-05
1922	7	-0.09	0.02	0.03	-1.28e-04	-8.15e-04	-5.83e-05
1922	18	0.04	-0.04	0.03	-8.18e-05	-6.34e-04	-4.05e-05
1922	25	7.19e-03	0.02	0.04	-1.19e-04	-8.17e-04	-5.59e-05
1922	39	-0.05	8.18e-03	0.03	-1.16e-04	-7.74e-04	-5.38e-05
1922	50	0.02	-0.02	0.03	-9.42e-05	-6.89e-04	-4.54e-05
1922	57	2.31e-03	4.49e-03	0.03	-1.11e-04	-7.74e-04	-5.27e-05
1922	71	-0.04	7.00e-03	0.03	-1.15e-04	-7.71e-04	-5.35e-05
1922	82	0.01	-0.02	0.03	-9.51e-05	-6.93e-04	-4.58e-05
1922	89	1.92e-03	3.62e-03	0.03	-1.11e-04	-7.71e-04	-5.24e-05
1923	7	-0.09	0.02	0.01	-2.11e-04	-5.83e-04	-3.38e-05
1923	18	0.03	-0.04	9.02e-03	-1.69e-04	-4.21e-04	-2.37e-05
1923	25	9.81e-03	0.02	0.02	-2.04e-04	-5.93e-04	-3.43e-05
1923	39	-0.04	9.28e-03	0.01	-2.00e-04	-5.47e-04	-3.16e-05
1923	50	0.02	-0.02	0.01	-1.80e-04	-4.72e-04	-2.69e-05
1923	57	4.20e-03	5.50e-03	0.02	-1.97e-04	-5.52e-04	-3.18e-05
1923	71	-0.04	8.12e-03	0.01	-1.99e-04	-5.45e-04	-3.14e-05
1923	82	0.01	-0.02	0.01	-1.81e-04	-4.76e-04	-2.71e-05
1923	89	3.76e-03	4.65e-03	0.02	-1.97e-04	-5.49e-04	-3.16e-05
1924	7	-0.09	0.02	0.04	-1.02e-05	-8.92e-04	-5.99e-05
1924	18	0.04	-0.04	0.03	-1.87e-05	-7.02e-04	-4.45e-05
1924	27	-0.05	0.03	0.04	2.27e-05	-9.22e-04	-6.16e-05
1924	39	-0.05	8.05e-03	0.03	-4.34e-06	-8.48e-04	-5.62e-05
1924	50	0.02	-0.02	0.03	-8.13e-06	-7.59e-04	-4.89e-05
1924	59	-0.02	0.01	0.04	1.10e-05	-8.62e-04	-5.70e-05
1924	71	-0.04	6.87e-03	0.03	-3.89e-06	-8.45e-04	-5.59e-05
1924	82	0.01	-0.02	0.03	-7.36e-06	-7.63e-04	-4.93e-05
1924	91	-0.02	9.00e-03	0.03	1.01e-05	-8.58e-04	-5.66e-05
1925	7	-0.09	0.02	3.41e-03	-7.36e-05	1.86e-04	1.00e-05
1925	18	0.03	-0.04	0.02	-7.93e-05	6.20e-05	5.41e-06
1925	25	0.01	0.02	0.02	-1.13e-04	1.46e-04	8.53e-06
1925	39	-0.04	8.62e-03	5.69e-03	-8.20e-05	1.51e-04	8.71e-06

1925	50	0.02	-0.02	0.01	-8.50e-05	9.27e-05	6.55e-06
1925	57	5.25e-03	5.41e-03	0.01	-1.01e-04	1.31e-04	7.98e-06
1925	71	-0.04	7.53e-03	5.86e-03	-8.27e-05	1.48e-04	8.61e-06
1925	82	0.01	-0.02	0.01	-8.54e-05	9.50e-05	6.64e-06
1925	89	4.79e-03	4.58e-03	0.01	-9.98e-05	1.30e-04	7.95e-06
1926	3	-0.09	0.02	-0.02	1.62e-04	2.61e-05	-2.79e-04
1926	7	-0.09	0.02	-0.02	1.62e-04	2.55e-05	-2.79e-04
1926	18	0.03	-0.03	-9.25e-03	1.68e-04	2.13e-04	-2.25e-04
1926	35	-0.04	6.53e-03	-0.02	1.53e-04	7.53e-05	-2.45e-04
1926	39	-0.04	6.26e-03	-0.02	1.53e-04	7.50e-05	-2.45e-04
1926	50	0.02	-0.01	-0.01	1.55e-04	1.63e-04	-2.18e-04
1926	67	-0.04	5.84e-03	-0.02	1.52e-04	7.89e-05	-2.42e-04
1926	71	-0.04	5.59e-03	-0.02	1.52e-04	7.87e-05	-2.42e-04
1926	82	0.01	-0.01	-0.01	1.54e-04	1.59e-04	-2.18e-04
1927	7	-0.10	0.02	0.04	2.90e-04	-1.09e-03	1.34e-03
1927	18	0.04	-0.04	0.03	2.60e-04	-8.83e-04	1.28e-03
1927	27	-0.05	0.03	0.04	3.50e-04	-1.13e-03	1.45e-03
1927	39	-0.05	7.23e-03	0.04	2.97e-04	-1.04e-03	1.35e-03
1927	50	0.01	-0.02	0.04	2.83e-04	-9.46e-04	1.33e-03
1927	59	-0.03	9.72e-03	0.04	3.25e-04	-1.40e-03	1.40e-03
1927	71	-0.04	6.06e-03	0.04	2.97e-04	-1.04e-03	1.35e-03
1927	82	0.01	-0.02	0.04	2.84e-04	-9.50e-04	1.33e-03
1927	91	-0.02	8.33e-03	0.04	3.23e-04	-1.06e-03	1.40e-03
1928	7	-0.09	0.02	-0.03	1.03e-04	1.11e-04	7.20e-05
1928	18	0.04	-0.03	-3.99e-04	7.95e-05	2.14e-04	5.83e-05
1928	39	-0.04	8.28e-03	-0.02	8.35e-05	1.27e-04	5.87e-05
1928	50	0.02	-0.02	-7.84e-03	7.20e-05	1.76e-04	5.19e-05
1928	71	-0.04	7.41e-03	-0.02	8.20e-05	1.29e-04	5.77e-05
1928	82	0.02	-0.01	-8.38e-03	7.14e-05	1.73e-04	5.14e-05
1929	7	-0.09	0.02	-1.29e-03	-7.46e-05	-2.33e-04	-8.41e-06
1929	18	0.03	-0.04	0.01	-6.73e-05	-1.86e-04	-7.43e-06
1929	26	0.04	-0.04	0.01	-6.67e-05	-1.82e-04	-7.24e-06
1929	39	-0.04	9.59e-03	1.40e-03	-7.87e-05	-2.44e-04	-9.37e-06
1929	50	0.02	-0.02	6.81e-03	-7.54e-05	-2.22e-04	-8.95e-06
1929	58	0.02	-0.02	6.83e-03	-7.51e-05	-2.21e-04	-8.87e-06
1929	71	-0.04	8.44e-03	1.59e-03	-7.91e-05	-2.45e-04	-9.44e-06
1929	82	0.01	-0.02	6.55e-03	-7.60e-05	-2.25e-04	-9.06e-06
1929	90	0.02	-0.02	6.57e-03	-7.58e-05	-2.23e-04	-8.98e-06
1930	7	-0.09	0.02	-0.02	7.73e-05	1.68e-04	1.73e-05
1930	18	0.03	-0.03	5.68e-03	4.79e-05	1.71e-04	8.82e-06
1930	27	-0.04	0.03	-0.02	2.74e-05	1.85e-04	1.57e-05
1930	39	-0.04	8.41e-03	-0.02	5.70e-05	1.49e-04	1.46e-05
1930	50	0.02	-0.02	-2.12e-03	4.25e-05	1.51e-04	1.06e-05
1930	59	-0.02	0.01	-0.02	3.36e-05	1.57e-04	1.38e-05
1930	71	-0.04	7.48e-03	-0.01	5.55e-05	1.48e-04	1.44e-05
1930	82	0.02	-0.02	-2.68e-03	4.22e-05	1.49e-04	1.07e-05
1930	91	-0.02	9.64e-03	-0.02	3.40e-05	1.55e-04	1.37e-05
1931	7	-0.09	0.02	-0.03	1.10e-04	5.67e-05	3.61e-06
1931	18	0.03	-0.03	8.25e-04	8.29e-05	1.87e-04	7.78e-06
1931	27	-0.04	0.03	-0.03	5.75e-05	4.32e-05	-3.58e-06
1931	39	-0.04	8.13e-03	-0.02	8.96e-05	8.83e-05	2.91e-06
1931	50	0.02	-0.02	-6.14e-03	7.62e-05	1.49e-04	4.78e-06
1931	71	-0.04	7.25e-03	-0.02	8.80e-05	9.06e-05	2.85e-06
1931	82	0.02	-0.01	-6.65e-03	7.58e-05	1.46e-04	4.56e-06
1932	1	0.0	0.0	0.0	0.0	0.0	0.0
1932	33	0.0	0.0	0.0	0.0	0.0	0.0
1932	65	0.0	0.0	0.0	0.0	0.0	0.0
1933	16	-0.16	-0.02	-0.01	-1.10e-04	3.53e-04	3.28e-05
1933	48	-0.10	-9.90e-03	-7.21e-03	-8.97e-05	4.79e-04	-6.66e-05
1933	80	-0.09	-9.24e-03	-6.89e-03	-8.82e-05	4.89e-04	-7.42e-05
1934	16	-0.13	-0.02	-0.01	-1.07e-04	5.09e-04	4.76e-04
1934	48	-0.07	-0.01	-7.55e-03	-8.20e-05	6.57e-04	2.34e-04
1934	80	-0.06	-9.62e-03	-7.21e-03	-8.01e-05	6.68e-04	2.16e-04
1935	16	-0.16	-0.01	-9.54e-03	7.31e-05	-2.55e-04	-5.90e-05
1935	48	-0.10	-8.44e-03	-6.01e-03	3.19e-05	-4.49e-05	-1.39e-04
1935	80	-0.10	-7.95e-03	-5.74e-03	2.87e-05	-2.88e-05	-1.45e-04
1936	16	-0.13	-0.01	-7.88e-03	2.21e-05	-5.38e-04	-7.43e-05
1936	48	-0.09	-6.90e-03	-4.93e-03	1.28e-05	-3.13e-04	-1.38e-04
1936	80	-0.09	-6.53e-03	-4.71e-03	1.21e-05	-2.96e-04	-1.43e-04
1937	16	-0.10	-8.71e-03	-6.40e-03	2.76e-05	-6.73e-04	-5.17e-05
1937	48	-0.07	-5.22e-03	-3.96e-03	1.83e-05	-4.47e-04	-1.04e-04
1937	80	-0.07	-4.95e-03	-3.78e-03	1.76e-05	-4.30e-04	-1.08e-04
1938	16	-0.07	-5.84e-03	-5.00e-03	2.77e-05	-6.75e-04	-1.79e-05
1938	48	-0.05	-3.54e-03	-3.05e-03	1.95e-05	-4.75e-04	-6.01e-05
1938	80	-0.05	-3.37e-03	-2.90e-03	1.88e-05	-4.59e-04	-6.34e-05
1939	16	-0.03	-3.31e-03	-3.56e-03	2.29e-05	-5.59e-04	1.44e-05
1939	48	-0.02	-2.02e-03	-2.14e-03	1.68e-05	-4.09e-04	-1.74e-05

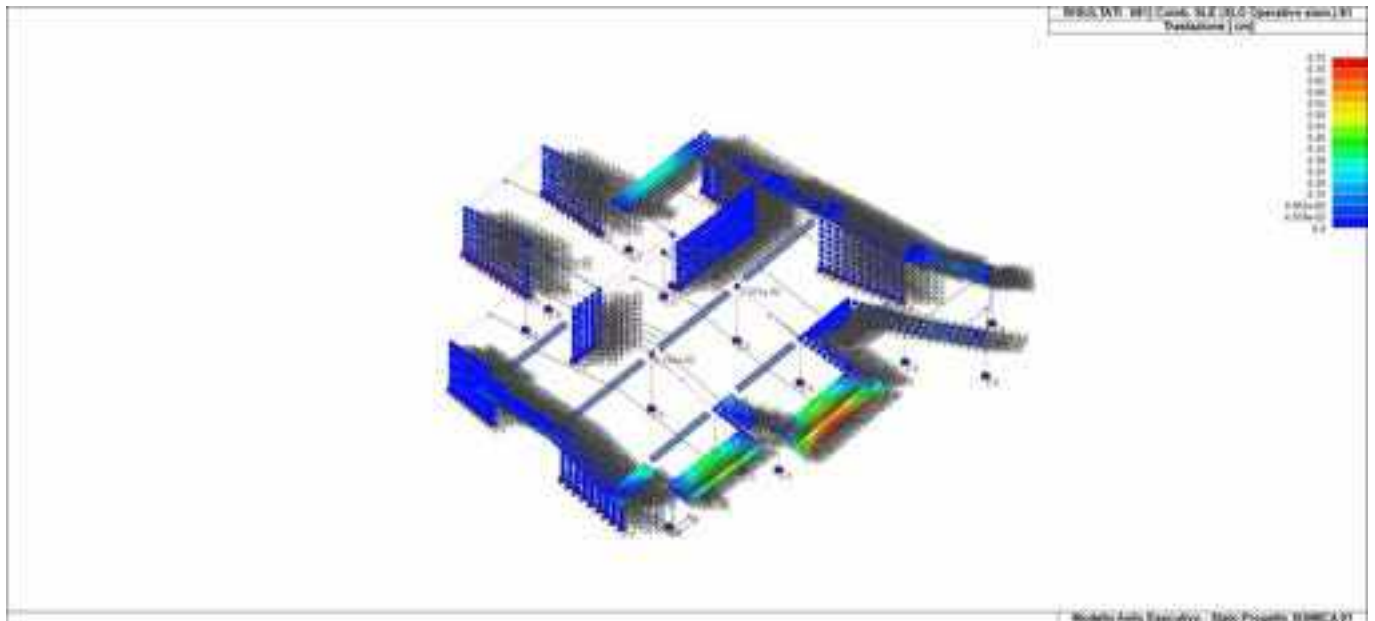
1939	80	-0.02	-1.92e-03	-2.03e-03	1.63e-05	-3.97e-04	-1.99e-05
1940	15	-8.72e-03	-1.11e-03	-1.59e-03	-4.30e-06	-3.07e-04	2.64e-05
1940	16	-8.37e-03	-1.35e-03	-1.99e-03	-5.54e-06	-3.22e-04	3.09e-05
1940	47	-6.93e-03	-6.99e-04	-9.93e-04	0.0	-2.40e-04	9.83e-06
1940	48	-6.76e-03	-8.11e-04	-1.18e-03	0.0	-2.47e-04	1.19e-05
1940	79	-6.79e-03	-6.68e-04	-9.47e-04	1.04e-06	-2.35e-04	8.56e-06
1940	80	-6.64e-03	-7.70e-04	-1.12e-03	0.0	-2.41e-04	1.05e-05
1941	1	0.0	0.0	0.0	0.0	0.0	0.0
1941	33	0.0	0.0	0.0	0.0	0.0	0.0
1941	65	0.0	0.0	0.0	0.0	0.0	0.0
1942	7	-0.03	0.03	-0.01	2.46e-04	1.33e-05	-1.91e-05
1942	19	-0.01	0.04	-5.93e-03	2.11e-04	-8.40e-05	-2.67e-06
1942	39	-0.01	0.02	-6.94e-03	2.45e-04	-4.54e-05	-1.81e-06
1942	51	-5.73e-03	0.02	-3.25e-03	2.29e-04	-9.17e-05	6.10e-06
1942	71	-0.01	0.02	-6.43e-03	2.45e-04	-4.99e-05	0.0
1942	83	-5.33e-03	0.02	-3.05e-03	2.30e-04	-9.23e-05	6.76e-06
1943	7	-0.02	0.03	-0.01	-7.74e-05	-3.21e-06	-8.27e-05
1943	19	-7.99e-03	0.04	-5.91e-03	-9.49e-05	-3.94e-06	-8.19e-05
1943	39	-9.61e-03	0.02	-6.80e-03	-4.35e-05	-1.80e-06	-5.85e-05
1943	51	-4.37e-03	0.02	-3.37e-03	-5.13e-05	-2.13e-06	-5.79e-05
1943	71	-8.90e-03	0.02	-6.32e-03	-4.09e-05	-1.70e-06	-5.67e-05
1943	83	-4.10e-03	0.02	-3.18e-03	-4.81e-05	-1.99e-06	-5.61e-05
1944	7	-8.02e-03	0.02	-7.58e-03	-1.50e-04	-6.23e-06	-3.72e-05
1944	8	-7.34e-03	8.62e-03	-8.37e-03	-8.49e-05	-3.52e-06	-2.52e-05
1944	27	-3.84e-03	0.02	-1.74e-03	-1.65e-04	-6.82e-06	-3.64e-05
1944	39	-4.13e-03	9.03e-03	-4.12e-03	-8.66e-05	-3.59e-06	-2.29e-05
1944	40	-3.81e-03	5.70e-03	-4.49e-03	-5.62e-05	-2.33e-06	-1.72e-05
1944	59	-2.13e-03	9.84e-03	-1.33e-03	-9.27e-05	-3.84e-06	-2.23e-05
1944	71	-3.83e-03	8.52e-03	-3.85e-03	-8.18e-05	-3.39e-06	-2.18e-05
1944	72	-3.54e-03	5.47e-03	-4.19e-03	-5.39e-05	-2.24e-06	-1.66e-05
1944	91	-2.00e-03	9.26e-03	-1.30e-03	-8.74e-05	-3.62e-06	-2.12e-05
1945	7	-3.48e-03	4.81e-03	-4.42e-03	-1.08e-04	-4.48e-06	-7.66e-06
1945	8	-3.14e-03	2.58e-03	-4.91e-03	-5.90e-05	-2.44e-06	-5.73e-06
1945	27	-1.76e-03	5.45e-03	-9.61e-04	-1.20e-04	-4.99e-06	-6.73e-06
1945	39	-1.81e-03	2.74e-03	-2.40e-03	-6.12e-05	-2.54e-06	-4.76e-06
1945	40	-1.65e-03	1.70e-03	-2.63e-03	-3.83e-05	-1.59e-06	-3.87e-06
1945	59	-9.89e-04	3.02e-03	-7.57e-04	-6.65e-05	-2.76e-06	-4.28e-06
1945	71	-1.69e-03	2.58e-03	-2.25e-03	-5.77e-05	-2.39e-06	-4.54e-06
1945	72	-1.54e-03	1.63e-03	-2.46e-03	-3.67e-05	-1.52e-06	-3.72e-06
1945	91	-9.30e-04	2.84e-03	-7.40e-04	-6.25e-05	-2.59e-06	-4.10e-06
1946	7	-0.01	0.03	-0.01	-1.39e-04	-5.77e-06	-7.37e-05
1946	27	-6.69e-03	0.03	-5.79e-03	-1.50e-04	-6.20e-06	-7.12e-05
1946	39	-7.38e-03	0.02	-6.12e-03	-8.25e-05	-3.42e-06	-4.79e-05
1946	59	-3.68e-03	0.02	-3.36e-03	-8.69e-05	-3.60e-06	-4.64e-05
1946	71	-6.84e-03	0.02	-5.70e-03	-7.82e-05	-3.24e-06	-4.59e-05
1946	91	-3.46e-03	0.02	-3.18e-03	-8.22e-05	-3.41e-06	-4.46e-05
<b>Nodo</b>		<b>Traslazione X</b>	<b>Traslazione Y</b>	<b>Traslazione Z</b>	<b>Rotazione X</b>	<b>Rotazione Y</b>	<b>Rotazione Z</b>
		-0.18	-0.06	-0.76	-2.34e-03	-2.58e-03	-0.02
		0.19	0.13	0.18	2.71e-03	3.77e-03	1.74e-03



41\_RIS\_SPOSTAMENTI\_017\_Comb SLU A1 SLV sism 17



41\_RIS\_SPOSTAMENTI\_049\_Comb SLE SLD Danno sism 49



41\_RIS\_SPOSTAMENTI\_081\_Comb SLE SLO Operativo sism 81

Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
1	13	-77.89	1205.92	-4940.07	-620.49	1.511e+04	3146.89
1	16	-107.08	-875.98	3049.26	1517.34	-3.696e+04	-4930.46
1	45	-85.93	659.60	-2843.39	-61.44	1496.37	1034.67
1	48	-99.04	-329.66	952.58	958.29	-2.334e+04	-2818.24
1	77	-86.49	618.02	-2683.84	-18.62	453.55	872.90
1	80	-98.48	-288.08	793.03	915.47	-2.230e+04	-2656.46
3	13	167.90	-1368.08	5325.96	-161.75	4.020e+04	5167.54
3	14	159.36	-1652.65	6460.30	-149.47	3.714e+04	4696.72
3	15	63.39	1806.42	-7253.78	39.98	-9935.68	-2596.31
3	45	138.13	-613.58	2337.92	-105.78	2.629e+04	3014.24
3	46	134.16	-746.79	2868.72	-99.98	2.485e+04	2791.65
3	47	88.59	900.55	-3662.19	-9.51	2362.96	-691.24
3	77	135.88	-555.63	2108.39	-101.50	2.522e+04	2849.31
3	78	132.24	-677.59	2594.38	-96.18	2.390e+04	2645.46
3	79	90.50	831.36	-3387.85	-13.31	3306.67	-545.04
5	13	-277.28	672.88	2937.18	222.65	-5423.99	-2967.08
5	16	-430.57	-931.14	-7076.82	2647.96	-6.450e+04	1382.58
5	45	-317.47	251.95	308.94	857.06	-2.088e+04	-1828.95
5	48	-390.38	-510.21	-4448.58	2013.55	-4.905e+04	244.45
5	77	-320.53	219.92	108.96	905.62	-2.206e+04	-1741.88
5	80	-387.31	-478.17	-4248.60	1964.99	-4.786e+04	157.38
7	13	-28.54	-1765.06	-7579.16	-107.14	2.663e+04	-4768.99
7	14	-10.56	-2059.46	-8735.73	-101.78	2.530e+04	-4369.01
7	15	233.16	1491.39	5158.37	-13.49	3352.45	1987.13
7	45	44.66	-991.78	-4555.84	-81.24	2.019e+04	-2897.64
7	46	53.10	-1129.52	-5096.87	-78.72	1.956e+04	-2708.60
7	47	169.50	561.44	1519.51	-36.56	9084.79	326.71
7	77	50.25	-932.37	-4323.59	-79.26	1.970e+04	-2754.31
7	78	57.98	-1058.48	-4818.94	-76.95	1.912e+04	-2581.19
7	79	164.62	490.41	1241.58	-38.33	9524.60	199.31
9	6	2331.59	-191.44	-6801.44	1.498e+04	4.192e+05	-9258.84
9	9	2254.83	-242.78	-6879.63	-1.347e+04	3.960e+05	-2.020e+04
9	12	627.89	54.44	-6125.68	4.984e+04	-6.040e+04	1.526e+04
9	16	631.26	51.88	-6129.51	5.039e+04	-5.943e+04	1.582e+04
9	38	1866.41	-140.25	-6645.91	1.672e+04	2.878e+05	-5714.65
9	41	1829.77	-165.15	-6681.79	3194.23	2.768e+05	-1.092e+04
9	44	1052.96	-23.19	-6323.52	3.317e+04	5.885e+04	5978.20
9	48	1054.71	-24.45	-6325.29	3.345e+04	5.936e+04	6244.01
9	70	1830.72	-136.37	-6633.90	1.685e+04	2.777e+05	-5442.32
9	73	1797.16	-159.19	-6666.73	4455.31	2.676e+05	-1.021e+04
9	76	1085.56	-29.15	-6338.57	3.191e+04	6.800e+04	5268.59
9	80	1087.18	-30.31	-6340.20	3.216e+04	6.846e+04	5512.05
11	3	51.83	1120.09	-4170.64	-940.81	-1.345e+04	-2012.54
11	6	-164.80	-784.28	3040.67	-79.67	-1139.22	781.97

11	7	54.50	1153.14	-4300.14	-940.42	-1.345e+04	-2014.75
11	35	-4.24	629.55	-2313.95	-714.87	-1.022e+04	-1281.55
11	38	-107.31	-276.22	1115.26	-305.34	-4365.92	50.03
11	39	-2.98	645.08	-2374.72	-714.76	-1.022e+04	-1282.81
11	67	-8.52	592.14	-2172.41	-697.65	-9975.49	-1225.68
11	70	-102.93	-237.50	968.59	-322.54	-4611.91	-5.95
11	71	-7.36	606.36	-2228.06	-697.55	-9974.04	-1226.84
12	3	-2312.75	42.17	1.127e+04	-2.566e+04	-1069.57	-2726.16
12	6	3431.84	53.00	-1.777e+04	1.499e+04	624.93	1746.80
12	7	-2342.74	41.61	1.139e+04	-2.560e+04	-1066.95	-2725.20
12	35	-819.99	44.92	3716.95	-1.498e+04	-624.47	-1552.58
12	38	1923.49	49.94	-1.015e+04	4348.57	181.27	573.87
12	39	-834.39	44.66	3774.99	-1.495e+04	-623.29	-1552.27
12	67	-705.44	45.12	3137.29	-1.417e+04	-590.56	-1463.20
12	70	1807.73	49.72	-9566.20	3537.49	147.46	484.52
12	71	-718.63	44.89	3190.48	-1.414e+04	-589.48	-1462.92
14	6	2339.62	88.09	1.055e+04	1.069e+04	445.74	-1894.74
14	7	-3497.00	-75.19	-1.905e+04	-2.179e+04	-908.32	2858.39
14	38	815.07	45.49	2815.27	2172.04	90.54	-648.17
14	39	-1972.45	-32.60	-1.132e+04	-1.327e+04	-553.13	1611.83
14	70	698.07	42.22	2221.86	1523.09	63.49	-553.20
14	71	-1855.45	-29.32	-1.073e+04	-1.262e+04	-526.08	1516.86
19	6	433.35	40.64	-6293.95	-4209.82	5.767e+04	690.30
19	13	405.12	87.82	-6063.19	-1.253e+04	5.257e+04	774.69
19	16	137.72	-31.08	-6888.53	6577.61	6733.02	-621.62
19	38	348.68	34.23	-6387.92	-3565.35	4.302e+04	368.62
19	45	335.19	56.57	-6280.25	-7509.22	4.058e+04	409.54
19	48	207.64	0.16	-6671.46	1554.59	1.872e+04	-256.47
19	70	342.19	33.74	-6395.28	-3515.98	4.190e+04	344.08
19	77	329.84	54.20	-6296.71	-7128.07	3.966e+04	381.58
19	80	213.00	2.53	-6655.01	1173.43	1.964e+04	-228.51
21	6	-261.83	-948.76	2493.65	-202.24	-2897.03	1279.52
21	7	-44.25	1369.47	-6775.30	-1894.25	-2.713e+04	-2287.96
21	38	-204.70	-341.18	64.14	-645.20	-9242.42	346.55
21	39	-101.38	761.89	-4345.80	-1451.28	-2.079e+04	-1354.99
21	70	-200.36	-294.83	-121.15	-679.06	-9727.41	275.10
21	71	-105.72	715.54	-4160.51	-1417.42	-2.030e+04	-1283.54
23	6	223.76	-46.12	-2.208e+04	9731.01	3.781e+04	-131.92
23	26	169.91	-51.18	-2.254e+04	1.022e+04	2.604e+04	-512.16
23	27	66.88	26.59	-1.764e+04	-7260.96	5357.13	-65.37
23	38	168.68	-28.32	-2.102e+04	5394.40	2.625e+04	-213.36
23	58	142.84	-30.53	-2.122e+04	5581.13	2.061e+04	-392.20
23	59	93.94	5.94	-1.896e+04	-2620.28	1.078e+04	-185.33
23	70	164.46	-26.97	-2.095e+04	5065.25	2.537e+04	-219.68
23	90	140.78	-28.99	-2.112e+04	5235.19	2.020e+04	-383.44
23	91	96.00	4.40	-1.906e+04	-2274.34	1.120e+04	-194.09
25	7	-133.54	15.22	-2.033e+04	-5852.90	-2.559e+04	-1019.42
25	17	-6.86	5.47	-1.678e+04	-3373.92	25.41	62.60
25	18	13.32	-87.92	-2.117e+04	1.583e+04	4343.47	270.65
25	20	-47.78	-68.08	-2.203e+04	1.154e+04	-8051.48	-254.19
25	39	-78.05	-9.29	-1.983e+04	-622.18	-1.432e+04	-536.87
25	49	-17.50	-14.25	-1.820e+04	625.07	-2073.34	-19.68
25	50	-7.95	-57.80	-2.021e+04	9584.29	-31.36	78.84
25	52	-37.14	-48.36	-2.061e+04	7538.21	-5952.72	-171.91
25	71	-73.79	-11.14	-1.979e+04	-226.44	-1.345e+04	-499.85
25	81	-18.32	-15.69	-1.830e+04	917.66	-2235.94	-26.06
25	82	-9.58	-55.57	-2.014e+04	9119.83	-365.81	64.17
25	84	-36.32	-46.92	-2.050e+04	7245.62	-5790.12	-165.53
27	1	88.42	207.76	-1670.44	-3868.74	1.398e+04	1945.37
27	18	270.87	-528.13	1229.12	-2090.14	7550.34	431.30
27	19	-198.22	1042.30	-4870.63	-2086.87	7538.52	172.73
27	33	61.13	234.64	-1753.70	-2932.59	1.059e+04	1085.10
27	50	145.53	-107.80	-403.57	-2097.50	7576.93	367.74
27	51	-72.89	621.96	-3237.94	-2079.51	7511.92	236.30
27	65	59.05	236.55	-1759.43	-2861.60	1.034e+04	1019.32
27	82	136.30	-76.93	-523.44	-2096.94	7574.88	362.31
27	83	-63.66	591.10	-3118.07	-2080.08	7513.98	241.72
29	6	-112.50	-1112.41	-5061.70	224.35	3207.85	-1051.65
29	7	12.78	707.85	1939.55	-946.73	-1.354e+04	2048.60
29	38	-79.62	-634.91	-3224.77	-81.83	-1170.05	-240.99
29	39	-20.09	230.35	102.63	-640.54	-9158.68	1237.94
29	70	-77.12	-598.55	-3084.92	-105.29	-1505.45	-178.89
29	71	-22.59	193.99	-37.22	-617.09	-8823.27	1175.84
34	7	-180.30	-5.08	-302.17	977.16	-3.115e+04	-13.75
34	13	-1.41	74.10	-1367.85	-1.228e+04	5931.79	636.26
34	16	-142.43	-66.92	-140.77	1.121e+04	-2.487e+04	53.00
34	39	-123.58	-0.48	-537.95	180.06	-1.981e+04	174.66

34	45	-38.38	36.98	-1046.84	-6097.55	-2134.52	483.34
34	48	-105.46	-29.80	-461.78	5034.72	-1.681e+04	205.92
34	71	-119.24	-0.13	-556.10	120.13	-1.894e+04	188.96
34	77	-41.20	34.17	-1022.27	-5629.31	-2750.89	471.69
34	80	-102.64	-26.99	-486.35	4566.48	-1.619e+04	217.58
35	1	2162.44	1246.72	-3820.63	-5736.68	1.080e+04	531.27
35	5	2177.57	1221.73	-3932.94	-5612.29	1.087e+04	529.81
35	10	1818.54	620.94	-4882.88	-2776.44	9068.30	519.03
35	11	-1518.79	-627.70	2954.36	2388.82	-7696.33	-591.67
35	33	1109.62	589.79	-2330.11	-2821.80	5508.43	235.41
35	37	1116.89	578.22	-2381.75	-2764.22	5544.02	234.45
35	42	946.77	296.10	-2820.46	-1433.45	4689.15	227.66
35	43	-647.03	-302.86	891.94	1045.83	-3317.17	-300.31
35	65	1029.02	539.90	-2215.49	-2600.75	5103.42	212.61
35	69	1035.67	529.32	-2262.75	-2548.04	5136.03	211.72
35	74	879.87	270.99	-2664.29	-1329.53	4353.09	205.47
35	75	-580.13	-277.75	735.77	941.90	-2981.11	-278.12
37	1	233.20	1409.66	-5847.88	-348.20	1.633e+04	953.82
37	4	151.57	-1001.08	2930.01	-217.38	1.020e+04	348.38
37	29	225.89	1191.60	-5082.56	-380.05	1.783e+04	1086.04
37	33	211.58	776.05	-3540.23	-312.98	1.468e+04	790.12
37	36	173.18	-367.47	622.36	-252.61	1.185e+04	512.09
37	61	207.97	666.69	-3155.58	-328.04	1.539e+04	853.20
37	65	209.96	727.96	-3365.17	-310.42	1.456e+04	778.32
37	68	174.80	-319.38	447.30	-255.16	1.197e+04	523.88
37	93	206.65	627.66	-3012.37	-324.21	1.521e+04	836.11
39	6	-224.35	-1472.43	-6058.78	209.11	2995.31	-1403.86
39	7	-257.69	937.54	3505.30	-2641.50	-3.784e+04	2269.69
39	38	-232.98	-840.88	-3552.25	-536.96	-7691.37	-443.01
39	39	-249.06	305.99	998.78	-1895.43	-2.715e+04	1308.84
39	70	-233.66	-792.69	-3361.04	-594.01	-8508.59	-369.45
39	71	-248.38	257.80	807.57	-1838.38	-2.633e+04	1235.28
41	6	371.67	-227.20	-1.353e+04	2.988e+04	5.382e+04	53.73
41	26	300.63	-223.62	-1.259e+04	2.920e+04	3.793e+04	-685.86
41	27	-142.79	-11.68	-1.671e+04	-4604.40	-2.199e+04	574.86
41	38	218.38	-169.65	-1.412e+04	2.065e+04	2.983e+04	-2.78
41	58	183.50	-167.35	-1.369e+04	2.023e+04	2.212e+04	-351.41
41	59	-25.65	-67.95	-1.562e+04	4369.30	-6182.67	240.42
41	70	206.66	-165.28	-1.417e+04	1.994e+04	2.799e+04	-7.19
41	90	174.69	-163.16	-1.377e+04	1.956e+04	2.093e+04	-326.45
41	91	-16.84	-72.15	-1.554e+04	5038.34	-4991.12	215.46
43	6	682.10	-152.79	-1.072e+04	2.230e+04	8.813e+04	-292.95
43	18	512.78	-168.55	-1.047e+04	2.504e+04	5.964e+04	-618.45
43	19	262.61	73.59	-1.316e+04	-1.411e+04	2.219e+04	-1640.36
43	38	528.19	-97.36	-1.131e+04	1.344e+04	6.346e+04	-731.30
43	50	446.97	-104.18	-1.119e+04	1.463e+04	4.982e+04	-889.23
43	51	328.42	9.22	-1.244e+04	-3700.10	3.201e+04	-1369.58
43	70	516.39	-93.16	-1.135e+04	1.277e+04	6.156e+04	-764.75
43	82	441.99	-99.39	-1.125e+04	1.386e+04	4.907e+04	-909.48
43	83	333.41	4.43	-1.239e+04	-2926.35	3.276e+04	-1349.33
45	7	-94.49	288.64	505.68	5027.67	-1.816e+04	1831.81
45	18	267.20	-986.79	-4636.73	-544.59	1967.26	-203.21
45	19	-178.36	644.52	1976.52	600.73	-2170.04	204.39
45	39	-20.43	42.44	-478.10	2413.83	-8719.60	876.21
45	50	148.06	-550.39	-2867.45	-253.96	917.38	-100.76
45	51	-59.22	208.12	207.24	310.09	-1120.15	101.94
45	71	-14.95	24.38	-550.19	2213.50	-7995.95	802.72
45	82	139.30	-518.32	-2737.44	832.47	832.55	-92.34
45	83	-50.46	176.05	77.23	286.61	-1035.32	93.52
47	6	-282.11	-577.29	-6258.69	5.633e+04	-2.376e+04	1747.25
47	8	-536.86	-444.70	-5755.24	4.056e+04	-6.740e+04	1067.28
47	25	-440.55	-487.38	-6423.42	4.591e+04	-2.872e+04	2065.61
47	28	-410.39	-514.53	-5747.86	4.872e+04	-5.768e+04	1005.69
47	38	-357.14	-537.43	-6168.53	5.162e+04	-3.390e+04	1637.53
47	40	-478.76	-473.92	-5928.34	4.407e+04	-5.474e+04	1313.95
47	57	-432.31	-494.75	-6245.71	4.669e+04	-3.635e+04	1783.88
47	60	-418.64	-507.16	-5925.57	4.794e+04	-5.005e+04	1287.42
47	70	-362.88	-534.36	-6161.57	5.126e+04	-3.468e+04	1629.00
47	72	-474.29	-476.19	-5941.56	4.434e+04	-5.377e+04	1332.61
47	89	-431.72	-495.28	-6232.24	4.674e+04	-3.693e+04	1762.93
47	92	-419.22	-506.63	-5939.05	4.789e+04	-4.948e+04	1308.37
49	5	366.52	134.02	-2826.09	-1.129e+04	4.560e+04	-1681.15
49	6	338.16	108.79	-2732.39	-7086.93	4.133e+04	-2115.37
49	7	51.45	219.38	-3219.64	-2.564e+04	-4461.29	-2419.30
49	37	276.69	149.59	-2904.17	-1.392e+04	3.139e+04	-1991.28
49	38	263.43	137.82	-2859.80	-1.196e+04	2.939e+04	-2193.73
49	39	126.19	190.36	-3092.23	-2.077e+04	7476.13	-2340.94

49	69	269.81	150.80	-2910.24	-1.412e+04	3.030e+04	-2014.56
49	70	257.67	140.02	-2869.62	-1.233e+04	2.847e+04	-2199.90
49	71	131.95	188.15	-3082.41	-2.040e+04	8395.89	-2334.77
51	6	494.34	123.38	-8503.89	-8309.18	5.981e+04	-1199.75
51	19	263.41	281.71	-8665.29	-3.215e+04	2.343e+04	-805.87
51	25	312.49	247.34	-8811.01	-2.696e+04	3.185e+04	-672.38
51	28	266.69	143.47	-7951.04	-1.131e+04	2.409e+04	-1936.98
51	38	387.32	161.30	-8440.56	-1.401e+04	4.317e+04	-1254.70
51	51	276.78	235.85	-8512.67	-2.523e+04	2.576e+04	-1073.14
51	57	300.80	219.53	-8581.79	-2.276e+04	2.986e+04	-1010.56
51	60	278.38	171.29	-8180.25	-1.550e+04	2.608e+04	-1598.79
51	70	379.10	164.17	-8435.17	-1.444e+04	4.189e+04	-1258.89
51	83	277.85	232.42	-8501.15	-2.471e+04	2.594e+04	-1092.74
51	89	299.86	217.48	-8564.17	-2.245e+04	2.970e+04	-1035.44
51	92	279.32	173.34	-8197.88	-1.581e+04	2.624e+04	-1573.91
53	7	-695.54	131.44	-6217.36	-1.657e+04	-7.817e+04	816.62
53	25	-484.00	82.53	-6719.52	-9507.57	-4.429e+04	2122.88
53	28	-444.46	-39.94	-5915.18	5712.79	-4.285e+04	2438.60
53	39	-574.55	73.55	-6269.15	-8861.72	-6.008e+04	1584.62
53	57	-473.06	49.66	-6507.14	-5412.93	-4.384e+04	2215.02
53	60	-455.40	-7.07	-6127.55	1618.15	-4.331e+04	2346.45
53	71	-565.29	69.16	-6273.57	-8276.54	-5.869e+04	1643.22
53	89	-472.29	47.25	-6490.59	-5114.04	-4.381e+04	2220.75
53	92	-456.17	-4.66	-6144.10	1319.26	-4.333e+04	2340.73
55	2	105.06	4.97	-5139.01	1384.45	2.072e+04	1315.57
55	3	-226.19	77.74	-8440.07	-9790.52	-3.362e+04	-1030.23
55	7	-228.00	76.70	-8409.92	-9613.71	-3.395e+04	-1026.28
55	19	-139.45	92.08	-8349.99	-1.227e+04	-1.849e+04	-650.12
55	34	18.43	24.25	-6011.57	-1577.32	6518.70	701.15
55	35	-139.56	58.46	-7567.51	-6828.75	-1.941e+04	-415.80
55	39	-140.43	57.97	-7553.08	-6746.31	-1.957e+04	-414.07
55	51	-97.86	65.03	-7515.95	-7969.04	-1.216e+04	-230.59
55	66	11.80	25.70	-6077.13	-1798.84	5430.10	654.22
55	67	-132.93	57.01	-7501.96	-6607.23	-1.832e+04	-368.88
55	71	-133.72	56.57	-7488.73	-6531.76	-1.847e+04	-367.29
55	83	-94.72	63.03	-7454.54	-7650.87	-1.168e+04	-199.14
57	6	196.11	7.00	-7064.91	-5405.70	3.440e+04	2117.23
57	17	32.07	75.40	-7570.23	-1.140e+04	6136.38	-76.45
57	26	95.26	-0.55	-6967.33	343.35	1.599e+04	1267.16
57	27	-83.88	87.01	-7684.60	-9221.71	-1.455e+04	-1193.24
57	38	96.57	26.14	-7205.90	-4901.61	1.680e+04	1027.75
57	49	18.62	58.15	-7437.18	-7685.26	3346.00	-9.12
57	58	48.18	22.77	-7162.04	-2213.81	7983.87	616.95
57	59	-36.79	63.69	-7489.88	-6664.54	-6538.35	-543.03
57	70	88.94	27.58	-7216.09	-4862.80	1.545e+04	944.52
57	81	17.55	56.89	-7427.72	-7411.00	3126.76	-5.07
57	90	44.60	24.49	-7175.97	-2401.97	7373.54	568.09
57	91	-33.22	61.96	-7475.95	-6476.39	-5928.02	-494.17
59	4	-216.72	-294.96	-3391.80	3.653e+04	-4.988e+04	-932.84
59	5	507.61	-159.12	-2893.05	1.155e+04	8.148e+04	1264.16
59	6	555.55	-176.68	-2951.83	1.454e+04	8.995e+04	1669.05
59	8	-213.73	-294.18	-3394.12	3.640e+04	-4.932e+04	-948.57
59	36	-27.02	-259.12	-3261.30	2.995e+04	-1.547e+04	-365.40
59	37	319.43	-194.54	-3024.81	1.806e+04	4.736e+04	688.18
59	38	341.96	-202.71	-3051.87	1.946e+04	5.134e+04	877.41
59	40	-25.56	-258.77	-3262.36	2.989e+04	-1.519e+04	-372.58
59	68	-12.42	-256.39	-3251.40	2.944e+04	-1.282e+04	-321.53
59	69	304.96	-197.23	-3034.80	1.856e+04	4.473e+04	643.70
59	70	325.59	-204.72	-3059.56	1.984e+04	4.838e+04	816.95
59	72	-11.08	-256.07	-3252.37	2.939e+04	-1.257e+04	-328.10
61	4	-95.18	-523.33	-5130.59	6.235e+04	-3.618e+04	-1120.73
61	6	649.40	-213.71	-5785.41	1.053e+04	9.445e+04	3007.45
61	18	426.16	-370.56	-5918.29	3.378e+04	5.479e+04	2274.13
61	19	90.65	-327.06	-4711.90	3.474e+04	-2804.54	-975.23
61	36	89.35	-431.88	-5226.14	4.765e+04	-3729.82	-198.81
61	38	445.08	-284.10	-5536.77	2.291e+04	5.868e+04	1772.06
61	50	338.09	-358.39	-5596.27	3.394e+04	3.968e+04	1414.04
61	51	178.73	-339.23	-5033.92	3.457e+04	1.231e+04	-115.14
61	68	103.54	-424.90	-5233.59	4.652e+04	-1235.18	-127.66
61	70	429.41	-289.53	-5518.10	2.386e+04	5.593e+04	1677.73
61	82	331.39	-357.57	-5572.51	3.397e+04	3.853e+04	1349.60
61	83	185.43	-340.05	-5057.68	3.455e+04	1.346e+04	-50.69
63	6	284.95	75.78	-5691.18	-3529.71	3.585e+04	1214.65
63	7	-1.47	283.34	-8886.49	-3.692e+04	-5902.26	-452.10
63	27	83.38	279.67	-7990.81	-3.702e+04	6459.05	-22.17
63	38	210.13	130.30	-6526.86	-1.230e+04	2.494e+04	778.93
63	39	73.35	228.82	-8050.81	-2.815e+04	5003.87	-16.38

63	70	204.39	134.44	-6590.85	-1.297e+04	2.411e+04	745.54
63	71	79.09	224.68	-7986.82	-2.748e+04	5840.77	17.01
65	5	1468.60	78.54	7595.48	2636.38	109.31	104.71
65	8	-1888.77	-56.82	-1.047e+04	-7049.82	-292.29	-199.49
65	27	-263.76	110.31	-2225.26	-1.494e+04	-619.42	-252.17
65	37	590.21	42.31	2871.84	130.90	5.43	25.74
65	40	-1010.38	-20.58	-5745.77	-4544.33	-188.41	-120.51
65	59	-239.66	57.12	-1828.01	-8161.40	-338.38	-142.92
65	69	522.99	39.65	2510.01	-64.77	-2.69	19.61
65	72	-943.16	-17.92	-5383.94	-4348.66	-180.30	-114.38
65	91	-237.27	53.21	-1795.51	-7658.63	-317.53	-134.85
68	5	-637.74	-100.48	-5828.38	1.111e+04	-5.627e+04	-270.46
68	8	-838.47	52.28	-6427.51	-9305.28	-7.910e+04	-2302.59
68	18	-787.47	-170.64	-6220.51	2.253e+04	-7.565e+04	-220.64
68	28	-834.84	-103.28	-6380.29	1.319e+04	-8.073e+04	-932.88
68	37	-690.61	-60.85	-5988.42	5819.34	-6.231e+04	-799.56
68	40	-785.60	12.64	-6267.46	-4011.34	-7.307e+04	-1773.49
68	50	-760.89	-92.78	-6169.39	1.104e+04	-7.138e+04	-786.60
68	60	-783.41	-60.72	-6244.10	6593.35	-7.378e+04	-1125.75
68	69	-694.61	-57.77	-6000.22	5407.63	-6.276e+04	-840.40
68	72	-781.60	9.57	-6255.67	-3599.62	-7.261e+04	-1732.65
68	82	-758.96	-86.98	-6165.85	1.018e+04	-7.107e+04	-828.78
68	92	-779.59	-57.61	-6234.25	6111.61	-7.327e+04	-1139.43
85	5	261.03	2343.87	-2851.53	-294.70	1.384e+04	1562.58
85	10	272.72	1451.80	-3359.17	-246.82	1.159e+04	1597.51
85	11	-240.91	-1275.20	1429.33	192.80	-9052.62	-1679.35
85	37	133.02	1161.13	-1865.68	-154.61	7258.84	725.70
85	42	138.22	741.75	-2099.34	-131.99	6196.70	739.77
85	43	-106.41	-565.15	169.49	77.97	-3661.20	-821.61
85	69	123.19	1070.97	-1790.06	-143.89	6755.64	661.36
85	74	127.94	686.95	-2003.90	-123.18	5782.93	674.19
85	75	-96.14	-510.35	74.05	69.16	-3247.43	-756.03
94	5	11.97	2324.04	-2547.96	-168.16	7888.06	655.35
94	10	26.53	1382.72	-2767.82	-142.70	6693.96	633.92
94	11	-18.80	-1150.29	689.58	63.92	-2998.62	-1016.32
94	37	7.61	1165.75	-1759.77	-100.62	4720.06	213.32
94	42	14.31	723.48	-1859.64	-88.72	4161.71	201.83
94	43	-6.58	-491.05	-218.60	9.94	-466.37	-584.23
94	69	7.30	1077.53	-1699.28	-95.47	4478.64	179.37
94	74	13.43	672.56	-1790.64	-84.58	3967.44	168.81
94	75	-5.69	-440.12	-287.60	5.80	-272.10	-551.21
103	6	50.26	1564.31	-2675.83	-122.76	5758.78	204.06
103	7	-24.29	-1348.51	434.34	-7.65	358.77	-784.64
103	13	32.73	2056.85	-2414.97	-155.00	7271.16	48.41
103	38	30.53	806.47	-1861.54	-92.61	4344.06	-55.13
103	39	-4.56	-590.66	-379.95	-37.81	1773.49	-525.46
103	45	22.30	1032.49	-1738.52	-107.61	5048.09	-128.85
103	70	29.05	747.89	-1799.31	-90.30	4236.07	-74.89
103	71	-3.08	-532.09	-442.18	-40.11	1881.48	-505.69
103	77	21.52	954.73	-1686.66	-104.04	4880.59	-142.41
112	5	58.10	2171.04	-2825.37	-171.66	8057.58	-137.69
112	8	-0.47	-2033.24	368.43	-31.03	1457.21	-637.15
112	13	53.74	1954.49	-2726.40	-181.03	8497.83	-686.72
112	37	42.70	1067.60	-1989.06	-134.16	6297.43	-268.25
112	40	14.94	-929.81	-467.88	-68.53	3217.36	-506.60
112	45	40.54	963.13	-1940.99	-138.67	6509.34	-528.40
112	69	41.53	983.64	-1925.17	-131.38	6167.34	-278.25
112	72	16.11	-845.85	-531.77	-71.30	3347.46	-496.59
112	77	39.55	887.92	-1881.11	-135.52	6361.49	-516.52
121	1	82.89	2058.26	-3167.58	-217.87	1.023e+04	-784.82
121	4	18.70	-2033.41	397.43	-79.94	3752.04	-213.06
121	29	39.79	1613.24	-2606.76	-234.71	1.102e+04	-770.80
121	33	66.00	983.74	-2233.13	-180.69	8480.77	-633.46
121	36	35.59	-958.89	-537.02	-117.12	5497.10	-364.42
121	61	45.83	762.86	-1959.29	-188.75	8859.17	-625.57
121	65	64.72	902.07	-2161.86	-177.99	8354.31	-622.13
121	68	36.87	-877.22	-608.29	-119.82	5623.57	-375.76
121	93	46.25	699.54	-1910.88	-185.38	8700.96	-614.87
130	1	113.14	1884.48	-3722.30	-286.42	1.344e+04	-888.60
130	4	47.21	-1966.14	517.93	-133.33	6254.28	-369.47
130	29	70.54	1483.46	-3187.25	-313.03	1.468e+04	-937.21
130	33	95.75	873.10	-2609.66	-244.99	1.149e+04	-750.49
130	36	64.60	-954.76	-594.72	-174.76	8197.80	-507.58
130	61	75.88	673.61	-2345.93	-257.76	1.209e+04	-772.49
130	65	94.44	796.25	-2524.97	-242.01	1.135e+04	-740.24
130	68	65.91	-877.91	-679.41	-177.74	8337.62	-517.83
130	93	76.25	613.32	-2283.19	-253.71	1.190e+04	-760.36

139	1	152.73	1715.46	-4537.03	-375.66	1.762e+04	-1049.98
139	4	87.36	-1841.17	791.28	-197.50	9264.58	-521.39
139	29	109.85	1357.58	-3972.41	-411.76	1.932e+04	-1146.49
139	33	135.43	781.18	-3137.59	-327.45	1.536e+04	-908.90
139	36	104.65	-906.90	-608.16	-245.71	1.153e+04	-662.46
139	61	115.50	602.82	-2856.88	-344.72	1.617e+04	-953.70
139	65	134.14	710.21	-3031.24	-323.98	1.520e+04	-898.49
139	68	105.95	-835.93	-714.51	-249.18	1.169e+04	-672.88
139	93	115.89	546.65	-2773.85	-339.80	1.594e+04	-939.50
148	1	216.66	1603.10	-5691.71	-489.36	2.297e+04	-1280.17
148	4	150.88	-1645.97	1356.78	-277.03	1.300e+04	-686.97
148	29	227.53	1284.80	-5029.38	-536.76	2.520e+04	-1413.73
148	33	199.16	749.54	-3839.30	-432.00	2.028e+04	-1121.76
148	36	168.38	-792.41	-495.64	-334.39	1.570e+04	-845.38
148	61	203.91	590.66	-3507.85	-454.57	2.134e+04	-1184.00
148	65	197.86	684.71	-3698.69	-427.86	2.008e+04	-1110.08
148	68	169.68	-727.57	-636.24	-338.53	1.589e+04	-857.06
148	93	202.20	539.01	-3394.72	-448.53	2.105e+04	-1167.06
157	1	390.49	1511.88	-7639.00	-624.85	2.933e+04	-874.06
157	4	251.68	-1281.45	2713.55	-376.40	1.767e+04	-1025.58
157	29	397.94	1244.58	-6729.14	-683.97	3.210e+04	-1303.88
157	33	353.29	777.97	-4917.37	-557.86	2.618e+04	-914.05
157	36	288.89	-547.54	-8.08	-443.38	2.081e+04	-985.58
157	61	356.72	644.36	-4460.27	-585.89	2.750e+04	-1114.93
157	65	350.56	722.23	-4710.90	-553.01	2.596e+04	-917.06
157	68	291.61	-491.80	-214.54	-448.24	2.104e+04	-982.57
157	93	353.70	599.71	-4291.67	-578.68	2.716e+04	-1100.98
180	13	385.56	-1351.22	-1.003e+04	-241.44	6.000e+04	-1684.46
180	14	403.06	-1574.72	-1.145e+04	-227.13	5.645e+04	-1403.52
180	15	125.27	1151.01	5546.26	5.43	-1349.95	2411.79
180	45	322.08	-756.30	-6336.03	-173.13	4.303e+04	-539.36
180	46	330.21	-860.90	-7001.52	-166.37	4.135e+04	-406.91
180	47	198.13	437.20	1093.75	-55.32	1.375e+04	1415.18
180	77	317.22	-710.60	-6052.16	-167.90	4.173e+04	-451.72
180	78	324.66	-806.37	-6661.46	-161.71	4.019e+04	-330.43
180	79	203.68	382.67	753.69	-59.98	1.491e+04	1338.70
189	13	360.39	-1323.83	-7282.90	-250.02	6.213e+04	-511.61
189	14	387.36	-1567.68	-8224.65	-232.87	5.787e+04	-334.50
189	15	-59.60	1423.71	2951.68	40.18	-9985.34	1787.18
189	45	257.68	-670.16	-4857.12	-169.64	4.216e+04	136.51
189	46	270.38	-784.31	-5297.35	-161.54	4.014e+04	219.67
189	47	57.38	640.35	24.38	-31.15	7741.66	1233.00
189	77	249.80	-619.95	-4670.74	-163.49	4.063e+04	186.05
189	78	261.43	-724.46	-5073.80	-156.07	3.878e+04	262.21
189	79	66.32	580.50	-199.17	-36.62	9101.79	1190.47
198	13	318.67	-1302.98	-5249.66	-247.32	6.146e+04	-396.99
198	14	292.99	-1556.70	-5841.83	-228.82	5.687e+04	-261.66
198	15	-67.33	1569.74	1121.25	61.07	-1.518e+04	1295.78
198	45	210.92	-619.19	-3741.31	-161.83	4.022e+04	81.66
198	46	198.82	-737.99	-4017.94	-153.09	3.805e+04	145.07
198	47	26.85	751.03	-702.64	-14.66	3644.16	889.04
198	77	202.68	-566.67	-3625.40	-155.28	3.859e+04	118.24
198	78	191.60	-675.44	-3878.67	-147.28	3.660e+04	176.30
198	79	34.07	688.48	-841.91	-20.47	5088.18	857.82
207	13	299.66	-1347.42	-3470.80	-248.47	6.175e+04	-611.14
207	14	273.09	-1615.07	-3762.81	-228.76	5.685e+04	-484.94
207	15	-93.71	1693.19	-413.54	76.76	-1.908e+04	1047.16
207	45	189.74	-623.42	-2749.19	-158.26	3.933e+04	-143.99
207	46	177.22	-748.76	-2885.33	-148.95	3.702e+04	-84.84
207	47	2.16	826.88	-1291.02	-3.05	758.12	647.05
207	77	181.34	-567.81	-2693.72	-151.36	3.761e+04	-108.28
207	78	169.87	-682.58	-2818.35	-142.82	3.549e+04	-54.12
207	79	9.51	760.70	-1357.99	-9.17	2280.07	616.34
216	13	304.19	-1404.26	-1823.54	-254.12	6.336e+04	-897.70
216	18	151.68	-597.22	-1921.97	-86.48	2.156e+04	10.97
216	19	14.64	685.99	-1736.03	-58.70	1.463e+04	72.62
216	45	188.50	-647.78	-1826.98	-159.18	3.968e+04	-405.89
216	50	115.62	-255.98	-1870.46	-79.33	1.978e+04	25.73
216	51	50.70	344.75	-1787.53	-65.85	1.642e+04	57.86
216	77	179.65	-589.68	-1827.16	-151.91	3.787e+04	-368.29
216	82	112.89	-230.62	-1866.91	-78.77	1.964e+04	27.05
216	83	53.43	319.40	-1791.08	-66.41	1.656e+04	56.54
225	13	330.39	-1435.77	-247.12	-266.56	6.644e+04	-1222.59
225	14	300.18	-1719.78	18.18	-244.39	6.092e+04	-1095.04
225	15	-117.70	1801.64	-3191.32	96.01	-2.393e+04	699.87
225	45	205.23	-664.63	-946.48	-165.95	4.136e+04	-686.07
225	46	190.98	-797.69	-822.39	-155.47	3.875e+04	-626.08

225	47	-8.50	879.55	-2350.75	7.09	-1765.57	230.91
225	77	195.66	-605.41	-1000.20	-158.24	3.944e+04	-645.04
225	78	182.61	-727.23	-886.59	-148.65	3.705e+04	-590.11
225	79	-0.12	809.10	-2286.55	0.27	-64.82	194.94
234	13	383.97	-1418.72	1425.16	-286.34	7.116e+04	-1570.67
234	14	350.59	-1700.21	1978.51	-262.67	6.528e+04	-1434.99
234	15	-119.06	1788.95	-4684.10	101.00	-2.510e+04	573.50
234	45	243.62	-654.68	-25.29	-178.86	4.445e+04	-974.01
234	46	227.87	-786.57	233.58	-167.67	4.167e+04	-910.11
234	47	3.66	875.31	-2939.17	6.00	-1490.69	48.62
234	77	232.88	-596.00	-136.71	-170.63	4.240e+04	-928.37
234	78	218.46	-716.76	100.31	-160.38	3.986e+04	-869.86
234	79	13.07	805.51	-2805.89	-1.29	320.88	8.37
243	13	519.33	-1365.26	3354.62	-312.99	7.778e+04	-1766.77
243	14	476.64	-1641.02	4246.13	-287.59	7.147e+04	-1632.76
243	15	-143.50	1768.57	-6470.91	103.66	-2.576e+04	367.01
243	45	334.77	-619.01	1022.29	-197.39	4.906e+04	-1173.03
243	46	314.62	-748.21	1439.34	-185.38	4.607e+04	-1109.95
243	47	18.52	875.76	-3664.11	1.46	-363.17	-155.80
243	77	320.65	-561.70	843.12	-188.54	4.686e+04	-1127.65
243	78	302.20	-679.99	1224.96	-177.54	4.412e+04	-1069.89
243	79	30.95	807.54	-3449.74	-6.38	1585.88	-195.86
252	13	683.10	-1218.90	6068.18	-332.91	8.273e+04	-272.03
252	14	633.22	-1474.15	7448.67	-306.79	7.624e+04	-218.52
252	15	-103.12	1664.84	-9174.99	96.17	-2.390e+04	-636.19
252	45	464.39	-532.61	2449.14	-213.87	5.315e+04	-357.55
252	46	440.84	-652.17	3094.99	-201.53	5.008e+04	-333.24
252	47	89.26	842.85	-4821.30	-9.09	2259.10	-521.47
252	77	447.65	-479.90	2171.13	-204.76	5.089e+04	-363.51
252	78	426.08	-589.37	2762.45	-193.45	4.808e+04	-341.27
252	79	104.02	780.06	-4488.76	-17.17	4266.47	-513.44
275	13	-78.39	877.02	1358.13	-222.68	5423.19	-2325.24
275	16	-373.38	-902.25	-5347.58	2666.72	-6.495e+04	199.39
275	45	-155.52	410.13	-401.92	533.03	-1.298e+04	-1664.11
275	48	-296.25	-435.36	-3587.52	1911.01	-4.654e+04	-461.75
275	77	-161.43	374.59	-535.83	590.89	-1.439e+04	-1613.60
275	80	-290.34	-399.82	-3453.62	1853.15	-4.513e+04	-512.26
284	13	-30.51	1004.12	252.10	-513.84	1.251e+04	-1762.16
284	16	-292.77	-885.06	-4089.94	2573.91	-6.269e+04	54.07
284	45	-99.11	508.40	-887.67	293.73	-7153.75	-1286.33
284	48	-224.18	-389.35	-2950.18	1766.34	-4.302e+04	-421.76
284	77	-104.36	470.67	-974.36	355.56	-8659.75	-1250.01
284	80	-218.93	-351.62	-2863.48	1704.50	-4.151e+04	-458.08
293	13	3.61	1120.76	-647.92	-748.82	1.824e+04	-1487.49
293	16	-255.96	-929.26	-3015.11	2512.07	-6.118e+04	204.65
293	45	-64.29	582.87	-1269.41	104.03	-2533.74	-1044.27
293	48	-188.06	-391.37	-2393.61	1659.22	-4.041e+04	-238.57
293	77	-69.49	541.92	-1316.67	169.33	-4124.25	-1010.42
293	80	-182.86	-350.42	-2346.36	1593.92	-3.882e+04	-272.41
302	13	28.39	1209.89	-1425.53	-943.81	2.299e+04	-1287.57
302	16	-236.79	-997.47	-2068.88	2492.99	-6.072e+04	428.46
302	45	-40.97	630.74	-1594.66	-44.96	1094.90	-838.22
302	48	-167.43	-418.31	-1899.75	1594.14	-3.883e+04	-20.88
302	77	-46.28	586.65	-1607.49	23.87	-581.36	-803.89
302	80	-162.12	-374.22	-1886.92	1525.31	-3.715e+04	-55.21
311	13	47.02	1263.12	-2153.99	-1103.76	2.688e+04	-1130.11
311	16	-234.04	-1059.15	-1202.46	2524.47	-6.148e+04	712.23
311	45	-26.48	653.84	-1904.32	-154.87	3771.82	-647.80
311	48	-160.54	-449.87	-1452.14	1575.57	-3.837e+04	229.92
311	77	-32.11	607.46	-1885.32	-82.21	2002.17	-610.94
311	80	-154.92	-403.48	-1471.14	1502.91	-3.660e+04	193.05
320	13	60.42	1280.42	-2890.33	-1231.26	2.999e+04	-995.59
320	16	-251.03	-1089.00	-369.14	2613.58	-6.366e+04	1026.76
320	45	-20.99	658.79	-2228.70	-225.74	5498.27	-466.20
320	48	-169.61	-467.37	-1030.77	1608.07	-3.917e+04	497.37
320	77	-27.23	611.46	-2178.35	-148.75	3622.87	-425.73
320	80	-163.37	-420.04	-1081.13	1531.07	-3.729e+04	456.90
329	13	69.71	1270.67	-3718.23	-1331.15	3.242e+04	-897.15
329	16	-294.02	-1070.29	519.97	2766.39	-6.738e+04	1361.42
329	45	-25.34	656.52	-2605.92	-259.58	6322.32	-305.93
329	48	-198.98	-456.14	-592.34	1694.83	-4.128e+04	770.20
329	77	-32.63	609.76	-2521.29	-177.52	4323.64	-260.73
329	80	-191.69	-409.38	-676.98	1612.77	-3.928e+04	725.00
338	13	105.87	1260.53	-4750.74	-1417.90	3.453e+04	-715.98
338	16	-409.18	-1008.65	1588.17	2992.67	-7.289e+04	1540.80
338	45	-28.68	665.21	-3087.06	-264.52	6442.49	-124.94
338	48	-274.63	-413.33	-75.51	1839.28	-4.480e+04	949.75

338	77	-39.00	619.88	-2960.48	-176.18	4291.05	-79.80
338	80	-264.30	-368.00	-202.10	1750.95	-4.265e+04	904.61
347	13	92.78	1201.08	-6408.30	-1396.07	3.400e+04	431.99
347	16	-546.48	-847.83	3195.84	3148.82	-7.669e+04	54.76
347	45	-74.22	663.53	-3887.70	-207.58	5055.74	328.16
347	48	-379.48	-310.28	675.24	1960.33	-4.775e+04	158.58
347	77	-87.03	622.60	-3695.91	-116.55	2838.72	320.93
347	80	-366.67	-269.35	483.45	1869.31	-4.553e+04	165.82
371	3	-164.61	1210.82	-5145.19	-1971.84	-2.819e+04	-336.32
371	6	-107.98	-546.20	3394.37	15.56	222.39	831.12
371	7	-163.49	1238.59	-5302.35	-1971.77	-2.819e+04	-340.89
371	38	-123.11	-78.40	1112.97	-505.10	-7222.14	524.08
371	39	-148.36	770.79	-3020.95	-1451.12	-2.075e+04	-33.86
371	70	-124.19	-42.72	939.23	-544.84	-7790.40	500.64
371	71	-147.28	735.11	-2847.21	-1411.37	-2.018e+04	-10.42
380	6	-42.80	-627.04	1775.01	228.83	3271.93	646.16
380	7	-111.58	1395.38	-3893.52	-1940.82	-2.775e+04	185.72
380	38	-61.17	-97.04	287.96	-339.29	-4851.25	523.81
380	39	-93.21	865.38	-2406.47	-1372.71	-1.963e+04	308.07
380	70	-62.52	-56.60	174.72	-382.69	-5471.92	514.71
380	71	-91.86	824.94	-2293.23	-1329.30	-1.901e+04	317.17
389	6	-21.06	-651.93	535.76	358.81	5130.40	477.04
389	7	-66.15	1452.19	-3127.06	-1839.21	-2.630e+04	175.20
389	38	-33.32	-100.55	-424.97	-216.58	-3096.74	395.63
389	39	-53.89	900.81	-2166.34	-1263.83	-1.807e+04	256.61
389	70	-34.20	-58.48	-498.15	-260.56	-3725.66	389.73
389	71	-53.02	858.74	-2093.16	-1219.84	-1.744e+04	262.50
398	6	-6.70	-670.74	-575.34	455.37	6511.16	379.90
398	7	-46.85	1479.94	-2569.11	-1770.19	-2.531e+04	52.76
398	38	-17.70	-107.16	-1098.01	-127.10	-1817.27	292.36
398	39	-35.86	916.36	-2046.43	-1187.72	-1.698e+04	140.30
398	70	-18.47	-64.16	-1137.87	-171.64	-2454.18	285.93
398	71	-35.09	873.36	-2006.58	-1143.18	-1.635e+04	146.73
407	6	0.19	-677.07	-1630.68	527.08	7536.58	303.41
407	7	-40.26	1462.93	-2098.07	-1744.16	-2.494e+04	-93.38
407	38	-10.87	-116.28	-1753.21	-67.21	-961.02	198.12
407	39	-29.20	902.13	-1975.54	-1149.86	-1.644e+04	11.91
407	70	-11.65	-73.49	-1762.55	-112.68	-1611.13	190.27
407	71	-28.42	859.35	-1966.20	-1104.40	-1.579e+04	19.76
416	6	0.64	-681.50	-2736.21	575.47	8228.37	236.94
416	7	-45.67	1391.98	-1573.71	-1762.98	-2.521e+04	-250.50
416	38	-11.88	-138.11	-2430.20	-36.27	-518.56	108.21
416	39	-33.15	848.59	-1879.72	-1151.24	-1.646e+04	-121.77
416	70	-12.78	-96.65	-2407.04	-83.09	-1188.02	98.52
416	71	-32.25	807.13	-1902.88	-1104.42	-1.579e+04	-112.08
425	6	-2.98	-701.84	-3888.34	602.39	8613.28	174.19
425	7	-69.05	1260.75	-956.95	-1828.01	-2.614e+04	-402.57
425	38	-20.51	-187.46	-3118.24	-33.26	-475.54	22.14
425	39	-51.52	746.37	-1727.05	-1192.36	-1.705e+04	-250.52
425	70	-21.82	-148.23	-3059.75	-81.93	-1171.45	10.66
425	71	-50.22	707.14	-1785.55	-1143.69	-1.635e+04	-239.04
434	6	-4.05	-769.27	-5178.38	607.99	8693.42	69.17
434	7	-126.75	1073.74	-102.69	-1932.97	-2.764e+04	-454.00
434	38	-36.20	-286.17	-3845.76	-56.44	-807.01	-69.58
434	39	-94.60	590.64	-1435.31	-1268.54	-1.814e+04	-315.24
434	70	-38.65	-249.33	-3744.43	-107.33	-1534.71	-79.94
434	71	-92.15	553.80	-1536.64	-1217.65	-1.741e+04	-304.88
443	6	-40.33	-853.12	-6898.02	542.17	7752.15	258.88
443	7	-181.59	764.61	1302.92	-1973.94	-2.822e+04	152.17
443	38	-77.24	-428.97	-4745.71	-115.68	-1654.00	-150.33
443	39	-144.68	340.46	-849.39	-1316.10	-1.882e+04	43.62
443	70	-80.07	-396.64	-4581.93	-166.08	-2374.65	-142.16
443	71	-141.85	308.13	-1013.16	-1265.70	-1.810e+04	35.45
492	6	-170.12	-1424.52	1159.49	219.71	3147.20	1414.08
492	7	-329.66	1224.56	-9326.27	-3786.59	-5.424e+04	445.41
492	38	-212.14	-730.33	-1589.28	-828.54	-1.187e+04	1161.55
492	39	-287.64	530.37	-6577.50	-2738.34	-3.923e+04	697.93
492	70	-215.32	-677.36	-1798.87	-908.74	-1.302e+04	1142.10
492	71	-284.46	477.40	-6367.91	-2658.14	-3.808e+04	717.38
495	6	-95.11	-1924.85	-1052.48	805.90	1.154e+04	829.98
495	7	-194.82	1042.83	-6715.93	-3422.49	-4.903e+04	562.97
495	38	-121.46	-1147.20	-2537.43	-300.20	-4300.18	759.43
495	39	-168.46	265.17	-5230.99	-2316.39	-3.318e+04	633.52
495	70	-123.44	-1087.86	-2650.61	-384.86	-5512.95	754.13
495	71	-166.48	205.84	-5117.80	-2231.73	-3.197e+04	638.82
497	6	-77.41	-2181.29	-2257.16	1140.08	1.633e+04	534.57
497	7	-140.45	1028.47	-4694.82	-3188.16	-4.567e+04	162.64

497	38	-94.26	-1340.22	-2896.65	7.91	113.26	437.05
497	39	-123.60	187.40	-4055.32	-2055.99	-2.945e+04	260.16
497	70	-95.50	-1276.04	-2945.35	-78.76	-1128.18	429.62
497	71	-122.36	123.22	-4006.63	-1969.32	-2.821e+04	267.59
499	6	-66.66	-2269.17	-3200.96	1335.00	1.912e+04	407.25
499	7	-125.67	1110.02	-2843.63	-3200.24	-4.584e+04	-443.44
499	38	-82.38	-1383.72	-3106.65	148.64	2129.24	183.34
499	39	-109.95	224.57	-2937.93	-2013.89	-2.885e+04	-219.52
499	70	-83.54	-1316.15	-3099.55	57.84	828.48	166.39
499	71	-108.78	157.00	-2945.04	-1923.08	-2.755e+04	-202.58
501	6	-73.71	-2220.86	-4101.13	1373.80	1.968e+04	160.64
501	7	-147.18	1167.76	-1135.94	-3477.60	-4.982e+04	-993.61
501	38	-93.07	-1332.94	-3324.07	104.66	1499.17	-142.33
501	39	-127.82	279.85	-1913.00	-2208.45	-3.164e+04	-690.64
501	70	-94.53	-1265.18	-3264.79	7.53	107.79	-165.38
501	71	-126.36	212.09	-1972.29	-2111.32	-3.024e+04	-667.59
503	6	-96.81	-2105.38	-5324.74	1267.39	1.815e+04	-42.67
503	7	-235.81	1147.83	733.17	-4071.50	-5.832e+04	-1631.76
503	38	-133.11	-1252.95	-3737.08	-129.43	-1853.97	-459.31
503	39	-199.51	295.39	-854.49	-2674.69	-3.831e+04	-1215.12
503	70	-135.90	-1187.90	-3615.97	-236.31	-3385.03	-491.07
503	71	-196.73	230.34	-975.60	-2567.80	-3.678e+04	-1183.36
505	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
505	7	-494.21	1041.30	3312.43	-4934.07	-7.068e+04	-1701.69
505	38	-251.23	-1162.27	-4719.11	-609.99	-8737.55	-914.58
505	39	-408.53	258.88	459.90	-3401.55	-4.872e+04	-1420.96
505	70	-257.83	-1102.56	-4501.51	-727.22	-1.042e+04	-935.87
505	71	-401.93	199.17	242.30	-3284.32	-4.705e+04	-1399.67
602	8	-188.19	34.55	-2258.03	1.017e+04	-3.673e+04	-627.35
602	18	276.49	-976.62	-6497.74	-1052.99	3803.91	285.77
602	19	-242.30	814.64	1358.55	1134.38	-4097.93	-320.92
602	40	-81.15	-26.90	-2427.52	4872.30	-1.760e+04	-308.90
602	50	138.39	-497.60	-4396.16	-1809.82	1805.59	125.66
602	51	-104.21	335.62	-743.03	581.21	-2099.61	-160.81
602	72	-72.91	-31.47	-2439.60	4466.59	-1.614e+04	-284.45
602	82	128.15	-462.37	-4241.69	-454.85	1643.15	113.59
602	83	-93.97	300.40	-897.50	536.24	-1937.17	-148.74
611	5	86.97	-68.40	-2836.97	-9149.92	3.306e+04	958.78
611	18	237.22	-929.66	-5143.69	-893.29	3227.17	426.36
611	19	-283.67	1053.82	-191.75	888.86	-3211.14	-506.57
611	37	29.30	1.07	-2744.62	-4366.35	1.577e+04	437.31
611	50	98.09	-399.13	-3819.38	-445.69	1610.11	181.13
611	51	-144.54	523.29	-1516.06	441.25	-1594.08	-261.34
611	69	24.88	6.22	-2738.07	-3999.88	1.445e+04	397.24
611	82	87.84	-360.13	-3722.00	-408.86	1477.08	162.52
611	83	-134.29	484.29	-1613.45	404.42	-1461.05	-242.74
620	5	31.39	-66.97	-2774.72	-8201.00	2.963e+04	737.96
620	18	235.61	-964.94	-4239.62	-808.10	2919.29	313.49
620	19	-296.11	1140.80	-1108.44	609.35	-2201.31	-485.04
620	37	-1.35	15.26	-2720.16	-3963.69	1.432e+04	307.94
620	50	93.27	-401.72	-3402.67	-455.02	1643.76	103.24
620	51	-153.77	577.58	-1945.39	256.26	-925.77	-274.78
620	69	-3.79	21.39	-2716.24	-3639.17	1.315e+04	274.90
620	82	82.82	-360.31	-3341.07	-425.55	1537.30	87.34
620	83	-143.32	536.17	-2006.99	226.80	-819.32	-258.88
629	5	37.92	-168.50	-2739.73	-7613.44	2.750e+04	520.49
629	18	266.32	-1082.64	-3521.49	-869.87	3142.44	196.28
629	19	-283.10	1122.31	-1828.27	299.42	-1081.65	-498.96
629	37	12.90	-68.95	-2705.41	-3779.89	1.365e+04	169.80
629	50	119.09	-492.99	-3069.37	-580.97	2098.76	12.70
629	51	-135.87	532.66	-2280.39	10.52	-37.97	-315.38
629	69	11.10	-61.47	-2702.84	-3486.40	1.259e+04	142.85
629	82	108.31	-449.62	-3036.03	-556.51	2010.42	-1.12
629	83	-125.08	489.30	-2313.74	-13.94	50.37	-301.56
638	5	69.74	634.60	-2578.70	-7301.55	2.638e+04	316.39
638	17	-187.00	1029.99	-2508.08	-3847.34	1.390e+04	-186.88
638	20	245.17	-1210.31	-2978.21	2672.69	-9655.20	-280.66
638	37	47.52	248.68	-2666.15	-3788.46	1.369e+04	29.28
638	49	-71.36	431.03	-2633.70	-2127.50	7685.62	-209.20
638	52	129.53	-611.35	-2852.59	952.84	-3442.20	-258.34
638	69	45.95	220.07	-2672.65	-3519.61	1.271e+04	7.21
638	81	-62.87	386.96	-2642.95	-1997.82	7217.17	-211.22
638	84	121.04	-567.29	-2843.34	823.17	-2973.74	-256.32
647	5	106.34	556.36	-2815.06	-7253.71	2.620e+04	130.77
647	22	342.87	-1230.29	-2400.94	-1231.34	4448.08	-78.47
647	23	-209.81	865.98	-3391.07	-825.82	2983.18	-584.88
647	37	84.54	163.62	-2859.45	-3995.77	1.443e+04	-110.47

647	54	194.88	-669.03	-2666.66	-1139.42	4116.01	-213.55
647	55	-61.82	304.72	-3125.35	-917.75	3315.25	-449.80
647	69	83.00	134.43	-2862.57	-3746.54	1.353e+04	-129.03
647	86	184.02	-627.84	-2686.08	-1130.43	4083.55	-223.53
647	87	-50.96	263.54	-3105.94	-926.73	3347.71	-439.82
656	5	130.43	517.78	-2949.31	-7449.74	2.691e+04	-30.96
656	22	353.58	-1197.39	-1881.15	-1806.76	6527.01	-211.40
656	23	-171.15	790.82	-4313.50	-1458.77	5269.89	-687.17
656	37	108.95	134.64	-3029.55	-4404.53	1.591e+04	-249.13
656	54	213.04	-665.07	-2532.13	-1729.74	6248.77	-338.71
656	55	-30.61	258.49	-3662.52	-1535.79	5548.12	-559.86
656	69	107.44	106.12	-3035.30	-4171.70	1.507e+04	-265.93
656	86	202.73	-626.00	-2579.94	-1721.92	6220.50	-348.06
656	87	-20.31	219.43	-3614.72	-1543.62	5576.39	-550.51
665	5	138.82	556.56	-3041.01	-7886.50	2.849e+04	-101.38
665	22	345.09	-1038.39	-1158.09	-2577.08	9310.12	-333.29
665	23	-145.59	809.58	-5387.34	-2305.70	8329.72	-868.38
665	37	117.40	200.05	-3166.21	-5034.69	1.819e+04	-361.87
665	54	213.69	-543.61	-2289.37	-2520.45	9105.54	-476.36
665	55	-14.19	314.80	-4262.07	-2362.32	8534.29	-725.30
665	69	115.89	173.51	-3175.25	-4816.83	1.740e+04	-381.92
665	86	204.05	-507.31	-2372.53	-2514.14	9082.73	-486.89
665	87	-4.55	278.49	-4172.91	-2368.64	8557.10	-714.78
674	5	157.65	656.17	-3031.36	-8199.56	2.962e+04	223.55
674	22	332.98	-680.92	134.98	-3557.47	1.285e+04	-256.06
674	23	-94.66	905.99	-6845.41	-3464.87	1.252e+04	-1119.80
674	37	136.46	366.79	-3207.54	-5741.39	2.074e+04	-251.94
674	54	218.35	-256.03	-1732.19	-3548.21	1.282e+04	-484.90
674	55	19.97	481.10	-4978.24	-3474.13	1.255e+04	-890.97
674	69	134.98	345.33	-3220.09	-5553.97	2.006e+04	-288.52
674	86	209.95	-224.85	-1869.44	-3545.44	1.281e+04	-502.01
674	87	28.36	449.92	-4840.99	-3476.90	1.256e+04	-873.85
691	3	-2021.38	376.43	-2.143e+04	-4.867e+04	-2028.64	905.69
691	6	1418.66	-173.50	7159.29	2.546e+04	1061.37	-772.73
691	7	-2047.23	376.11	-2.153e+04	-4.865e+04	-2027.85	898.45
691	35	-1128.84	231.81	-1.398e+04	-2.921e+04	-1217.84	463.51
691	38	512.80	-29.06	-334.26	6023.39	251.09	-334.46
691	39	-1141.37	231.67	-1.403e+04	-2.921e+04	-1217.56	460.18
691	67	-1060.44	220.83	-1.341e+04	-2.773e+04	-1156.10	429.83
691	70	443.36	-18.09	-909.31	4542.74	189.37	-301.07
691	71	-1071.93	220.70	-1.346e+04	-2.773e+04	-1155.84	426.79
701	3	-1415.69	408.86	-6667.85	-5.157e+04	-2149.35	532.69
701	14	1412.10	-176.65	-6185.23	2.385e+04	994.10	-668.97
701	15	-1042.73	393.49	-6697.40	-4.678e+04	-1949.70	625.39
701	35	-578.49	251.01	-6548.69	-3.053e+04	-1272.44	241.78
701	46	767.95	-26.75	-6320.16	5300.08	220.87	-329.61
701	47	-398.58	243.60	-6562.47	-2.823e+04	-1176.48	286.04
701	67	-514.40	239.02	-6539.66	-2.893e+04	-1205.65	219.62
701	78	718.92	-15.38	-6330.35	3890.35	162.12	-303.74
701	79	-349.55	232.23	-6552.27	-2.682e+04	-1117.73	260.17
711	3	-1136.23	490.33	7943.31	-5.324e+04	-2218.59	97.65
711	6	2294.30	-222.66	-1.980e+04	3.054e+04	1272.68	-318.59
711	7	-1162.27	488.74	8047.58	-5.314e+04	-2214.53	97.58
711	35	-246.23	302.68	721.92	-3.124e+04	-1301.82	-10.55
711	38	1390.87	-35.87	-1.253e+04	8594.34	358.17	-210.25
711	39	-258.84	301.95	772.71	-3.119e+04	-1300.03	-10.76
711	67	-178.02	288.41	167.88	-2.956e+04	-1231.99	-18.93
711	70	1321.61	-21.67	-1.197e+04	6922.27	288.49	-201.89
711	71	-189.58	287.75	214.43	-2.952e+04	-1230.34	-19.12
727	5	1714.34	68.02	4819.23	2368.67	98.21	151.20
727	8	-2068.07	-63.07	-7360.33	-6121.08	-253.78	-294.60
727	27	-218.15	85.47	-1771.87	-1.373e+04	-569.15	-470.66
727	37	724.64	33.09	1634.34	174.00	7.21	35.56
727	40	-1078.37	-28.14	-4175.43	-3926.41	-162.79	-178.95
727	59	-201.26	41.00	-1520.20	-7415.97	-307.47	-258.57
727	69	648.93	30.50	1390.40	2.42	0.10	26.57
727	72	-1002.66	-25.55	-3931.49	-3754.83	-155.68	-169.96
727	91	-199.32	37.74	-1499.48	-6948.17	-288.07	-242.79
736	5	1924.10	73.01	2956.97	1991.14	82.53	152.63
736	8	-2230.70	-76.35	-5340.35	-5151.92	-213.53	-259.61
736	27	-203.24	59.77	-1453.22	-1.221e+04	-505.87	-434.14
736	37	837.00	33.52	786.83	145.94	6.05	45.71
736	40	-1143.59	-36.86	-3170.21	-3306.72	-137.05	-152.69
736	59	-182.23	26.69	-1324.64	-6543.89	-271.23	-231.75
736	69	753.82	30.56	620.68	1.49	0.06	37.40
736	72	-1060.42	-33.90	-3004.06	-3162.27	-131.07	-144.38
736	91	-179.92	24.29	-1313.66	-6124.69	-253.85	-216.71

745	5	2198.11	84.63	1531.78	1619.13	67.10	154.97
745	8	-2467.41	-90.56	-3815.26	-4375.30	-181.34	-224.65
745	27	-211.66	47.62	-1196.72	-1.098e+04	-454.90	-379.96
745	37	977.49	38.47	132.69	72.06	2.98	56.49
745	40	-1246.79	-44.40	-2416.17	-2828.24	-117.22	-126.17
745	59	-176.88	20.25	-1174.62	-5858.55	-242.81	-196.42
745	69	884.09	34.98	25.65	-49.24	-2.04	48.84
745	72	-1153.39	-40.92	-2309.13	-2706.93	-112.19	-118.52
745	91	-173.46	18.28	-1172.01	-5480.07	-227.13	-182.78
754	5	2488.97	98.48	457.43	1224.35	50.76	158.38
754	8	-2724.57	-104.07	-2671.14	-3729.75	-154.64	-200.18
754	27	-228.78	39.17	-991.56	-9945.05	-412.33	-338.05
754	37	1125.12	45.21	-361.93	-52.69	-2.18	65.33
754	40	-1360.72	-50.81	-1851.78	-2452.71	-101.69	-107.14
754	59	-176.57	16.33	-1057.39	-5307.16	-220.04	-169.37
754	69	1020.73	41.17	-424.52	-153.04	-6.35	58.11
754	72	-1256.33	-46.77	-1789.20	-2352.36	-97.53	-99.92
754	91	-171.77	14.70	-1061.67	-4964.59	-205.83	-156.84
763	1	2747.28	110.95	-320.43	866.97	35.94	169.35
763	4	-2950.98	-114.79	-1842.55	-3226.82	-133.78	-193.22
763	27	-245.31	32.73	-833.32	-9052.16	-375.31	-303.90
763	33	1256.67	51.69	-720.15	-188.84	-7.83	75.10
763	36	-1460.37	-55.53	-1442.84	-2171.01	-90.01	-98.98
763	59	-176.43	13.74	-967.73	-4848.32	-201.01	-148.63
763	65	1142.57	47.18	-750.53	-271.72	-11.27	67.80
763	68	-1346.28	-51.02	-1412.46	-2088.13	-86.57	-91.68
763	91	-170.30	12.40	-977.39	-4538.29	-188.16	-137.09
772	17	1407.92	88.87	-630.71	-6193.02	-256.68	-108.46
772	20	-1580.90	-90.40	-1495.56	3915.49	162.29	94.83
772	27	-255.41	27.75	-732.22	-8261.07	-342.40	-275.86
772	49	620.49	41.22	-861.58	-3476.68	-144.10	-53.31
772	52	-793.48	-42.75	-1264.68	1199.16	49.70	39.68
772	59	-173.50	11.99	-908.93	-4454.20	-184.62	-132.78
772	81	560.99	37.68	-878.62	-3278.68	-135.89	-49.36
772	84	-733.97	-39.21	-1247.65	1001.16	41.50	35.73
772	91	-166.34	10.90	-921.96	-4173.91	-173.00	-122.15
781	18	182.50	-21.18	-1504.72	5411.60	224.28	212.65
781	19	-325.17	22.11	-596.19	-7641.62	-316.71	-220.64
781	50	56.72	-9.06	-1263.16	1921.44	79.63	97.53
781	51	-199.39	9.99	-837.75	-4151.47	-172.06	-105.52
781	82	46.13	-8.24	-1245.21	1664.70	68.99	88.97
781	83	-188.80	9.17	-855.71	-3894.73	-161.42	-96.95
790	2	2892.60	109.28	-1672.08	2821.77	116.99	232.90
790	3	-3004.20	-105.77	-412.64	-5024.21	-208.31	-237.34
790	19	-316.64	20.73	-537.83	-7109.67	-294.77	-204.45
790	34	1354.21	53.33	-1341.75	737.19	30.56	109.35
790	35	-1465.82	-49.82	-742.96	-2939.63	-121.88	-113.79
790	51	-187.45	9.99	-805.38	-3892.50	-161.38	-97.05
790	66	1235.89	49.00	-1316.59	582.06	24.13	99.96
790	67	-1347.49	-45.49	-768.13	-2784.50	-115.45	-104.41
790	83	-176.56	9.28	-825.37	-3656.39	-151.60	-89.05
799	2	2961.67	115.32	-1797.86	2291.61	95.01	216.61
799	3	-3039.92	-108.93	-277.38	-4480.56	-185.77	-218.28
799	19	-295.34	19.99	-493.84	-6606.41	-273.91	-193.86
799	34	1395.99	56.97	-1399.33	487.40	20.21	102.32
799	35	-1474.25	-50.57	-675.90	-2676.36	-110.96	-103.99
799	51	-168.79	10.40	-781.92	-3651.54	-151.40	-91.29
799	66	1275.56	52.46	-1368.94	353.81	14.67	93.64
799	67	-1353.82	-46.06	-706.30	-2542.76	-105.43	-95.31
799	83	-158.07	9.77	-803.48	-3435.16	-142.42	-83.66
808	2	2988.99	119.11	-1883.34	1826.62	75.71	203.24
808	3	-3029.50	-109.24	-185.93	-4013.69	-166.36	-202.92
808	19	-261.80	19.73	-451.07	-6119.09	-253.62	-188.45
808	34	1418.98	59.68	-1438.40	266.00	11.03	96.42
808	35	-1459.48	-49.81	-630.88	-2453.07	-101.67	-96.10
808	51	-143.11	11.21	-760.28	-3422.32	-141.85	-88.02
808	66	1298.20	55.09	-1404.46	151.07	6.26	88.32
808	67	-1338.71	-45.22	-664.81	-2338.14	-96.91	-88.00
808	83	-132.96	10.66	-783.41	-3225.20	-133.68	-80.57
817	2	2983.29	121.06	-1963.48	-1128.51	-46.77	194.62
817	3	-2978.69	-106.84	-98.42	-1061.86	-44.01	-194.88
817	17	1706.08	97.66	-881.40	-5648.61	-234.11	-93.97
817	34	1428.10	61.73	-1474.30	-1113.54	-46.15	92.08
817	35	-1423.50	-47.51	-587.60	-1076.82	-44.63	-92.34
817	49	808.21	49.60	-964.31	-3203.82	-132.78	-42.81
817	66	1308.46	57.15	-1437.03	-1112.06	-46.09	84.32
817	67	-1303.86	-42.93	-624.86	-1078.31	-44.69	-84.58

817	81	740.38	46.02	-970.01	-3025.30	-125.39	-39.18
826	10	2736.93	113.43	-2076.66	-907.47	-37.62	151.00
826	11	-2676.11	-93.80	31.51	-1270.98	-52.70	-159.01
826	17	1731.92	97.23	-846.72	-5223.55	-216.57	-86.31
826	42	1323.43	59.41	-1522.77	-1003.75	-41.62	68.98
826	43	-1262.62	-39.78	-522.38	-1174.70	-48.70	-76.99
826	49	835.08	50.88	-944.41	-3004.21	-124.56	-40.74
826	74	1214.89	55.25	-1480.71	-1010.96	-41.91	62.83
826	75	-1154.08	-35.62	-564.44	-1167.49	-48.40	-70.84
826	81	767.35	47.41	-951.10	-2842.10	-117.83	-37.60
835	10	2688.93	110.36	-2269.62	-1009.06	-41.84	166.43
835	11	-2557.34	-84.95	262.64	-1089.98	-45.19	-198.79
835	17	1755.82	95.40	-786.29	-4913.58	-203.72	-62.24
835	42	1319.10	59.44	-1603.70	-1031.43	-42.76	69.80
835	43	-1187.52	-34.02	-403.29	-1067.61	-44.26	-102.15
835	49	864.82	51.59	-907.19	-2842.20	-117.84	-35.11
835	74	1213.90	55.52	-1553.21	-1032.98	-42.83	62.55
835	75	-1082.32	-30.10	-453.78	-1066.06	-44.20	-94.91
835	81	797.56	48.32	-915.45	-2690.50	-111.55	-33.45
844	10	2621.60	98.37	-2584.74	-1287.49	-53.36	348.96
844	11	-2404.08	-70.48	651.45	-551.13	-22.85	-436.86
844	17	1774.82	97.92	-691.48	-5114.30	-211.96	-94.82
844	42	1309.51	54.36	-1733.10	-1097.48	-45.48	142.07
844	43	-1092.00	-26.48	-200.18	-741.14	-30.72	-229.96
844	49	896.19	53.43	-845.10	-2871.86	-119.03	-64.97
844	74	1208.72	50.97	-1668.62	-1082.58	-44.87	126.42
844	75	-991.21	-23.08	-264.67	-756.04	-31.34	-214.31
844	81	829.90	50.10	-855.53	-2706.79	-112.18	-63.13
853	10	2460.12	140.51	-3247.71	-2822.71	-117.02	604.93
853	11	-2152.64	-127.21	1417.66	1592.18	66.02	-759.62
853	17	1760.29	218.63	-554.00	-7337.57	-304.14	694.38
853	42	1256.05	70.86	-2019.79	-1676.38	-69.49	249.21
853	43	-948.58	-57.56	189.75	445.85	18.49	-403.90
853	49	912.62	106.05	-756.76	-3756.82	-155.72	285.08
853	74	1163.53	65.47	-1926.84	-1587.46	-65.80	221.81
853	75	-856.06	-52.17	96.79	356.93	14.81	-376.51
853	81	848.72	97.67	-770.37	-3491.52	-144.72	254.51
1932	13	-344.74	851.42	2889.73	352.86	-8595.50	-1904.20
1932	15	2.97	-955.10	-4183.10	1207.06	-2.940e+04	4447.76
1932	16	32.08	-1225.76	-5242.47	1159.18	-2.824e+04	4825.83
1932	45	-246.10	306.27	755.45	563.51	-1.373e+04	-144.20
1932	47	-80.28	-553.90	-2612.27	971.00	-2.365e+04	2887.13
1932	48	-66.56	-680.60	-3108.20	948.53	-2.311e+04	3065.83
1932	77	-238.56	264.79	593.05	579.68	-1.412e+04	-9.41
1932	79	-86.66	-523.11	-2491.73	952.94	-2.321e+04	2767.39
1932	80	-74.10	-639.12	-2945.79	932.36	-2.271e+04	2931.04
1941	5	1717.84	63.50	6424.68	1329.96	55.14	-220.89
1941	8	-2068.86	-61.59	-8286.06	-3655.21	-151.55	407.86
1941	27	-301.28	27.16	-1524.19	-7459.21	-309.27	995.30
1941	37	727.47	30.60	2577.82	39.99	1.66	-58.37
1941	40	-1078.49	-28.68	-4439.20	-2365.24	-98.07	245.34
1941	59	-239.17	12.98	-1226.68	-4107.95	-170.32	515.08
1941	69	651.64	28.10	2283.19	-60.68	-2.52	-45.66
1941	72	-1002.66	-26.19	-4144.57	-2264.57	-93.89	232.63
1941	91	-233.91	11.96	-1202.12	-3859.28	-160.01	479.48

Nodo		Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		-3497.00	-2269.17	-2.254e+04	-5.324e+04	-8.073e+04	-2.020e+04
		3431.84	2343.87	1.139e+04	6.235e+04	4.192e+05	1.582e+04

Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
1	13	-77.89	1205.92	-4940.07	-620.49	1.511e+04	3146.89
	16	-107.08	-875.98	3049.26	1517.34	-3.696e+04	-4930.46
	13	-77.89	1205.92	-4940.07	-620.49	1.511e+04	3146.89
	16	-107.08	-875.98	3049.26	1517.34	-3.696e+04	-4930.46
	16	-107.08	-875.98	3049.26	1517.34	-3.696e+04	-4930.46
	13	-77.89	1205.92	-4940.07	-620.49	1.511e+04	3146.89
3	15	63.39	1806.42	-7253.78	39.98	-9935.68	-2596.31
	14	159.36	-1652.65	6460.30	-149.47	3.714e+04	4696.72
	13	167.90	-1368.08	5325.96	-161.75	4.020e+04	5167.54
	16	54.85	1521.85	-6119.44	52.26	-1.299e+04	-3067.12
	16	54.85	1521.85	-6119.44	52.26	-1.299e+04	-3067.12
	13	167.90	-1368.08	5325.96	-161.75	4.020e+04	5167.54
5	16	-430.57	-931.14	-7076.82	2647.96	-6.450e+04	1382.58

7	13	-277.28	672.88	2937.18	222.65	-5423.99	-2967.08
	13	-277.28	672.88	2937.18	222.65	-5423.99	-2967.08
	16	-430.57	-931.14	-7076.82	2647.96	-6.450e+04	1382.58
	16	-430.57	-931.14	-7076.82	2647.96	-6.450e+04	1382.58
	13	-277.28	672.88	2937.18	222.65	-5423.99	-2967.08
	14	-10.56	-2059.46	-8735.73	-101.78	2.530e+04	-4369.01
	15	233.16	1491.39	5158.37	-13.49	3352.45	1987.13
	13	-28.54	-1765.06	-7579.16	-107.14	2.663e+04	-4768.99
	16	251.14	1196.99	4001.80	-8.13	2020.35	2387.10
	16	251.14	1196.99	4001.80	-8.13	2020.35	2387.10
9	13	-28.54	-1765.06	-7579.16	-107.14	2.663e+04	-4768.99
	9	2254.83	-242.78	-6879.63	-1.347e+04	3.960e+05	-2.020e+04
	12	627.89	54.44	-6125.68	4.984e+04	-6.040e+04	1.526e+04
	13	2251.46	-240.22	-6875.79	-1.403e+04	3.951e+05	-2.076e+04
	16	631.26	51.88	-6129.51	5.039e+04	-5.943e+04	1.582e+04
11	7	551.13	3.10	-6203.86	2.138e+04	-8.353e+04	4319.00
	6	2331.59	-191.44	-6801.44	1.498e+04	4.192e+05	-9258.84
	7	54.50	1153.14	-4300.14	-940.42	-1.345e+04	-2014.75
	6	-164.80	-784.28	3040.67	-79.67	-1139.22	781.97
	3	51.83	1120.09	-4170.64	-940.81	-1.345e+04	-2012.54
	2	-162.13	-751.22	2911.17	-79.28	-1133.62	779.76
	3	51.83	1120.09	-4170.64	-940.81	-1.345e+04	-2012.54
	2	-162.13	-751.22	2911.17	-79.28	-1133.62	779.76
	6	3431.84	53.00	-1.777e+04	1.499e+04	624.93	1746.80
	7	-2342.74	41.61	1.139e+04	-2.560e+04	-1066.95	-2725.20
14	3	-2312.75	42.17	1.127e+04	-2.566e+04	-1069.57	-2726.16
	2	3401.85	52.44	-1.765e+04	1.505e+04	627.55	1747.76
	3	-2312.75	42.17	1.127e+04	-2.566e+04	-1069.57	-2726.16
	2	3401.85	52.44	-1.765e+04	1.505e+04	627.55	1747.76
	7	-3497.00	-75.19	-1.905e+04	-2.179e+04	-908.32	2858.39
	6	2339.62	88.09	1.055e+04	1.069e+04	445.74	-1894.74
	7	-3497.00	-75.19	-1.905e+04	-2.179e+04	-908.32	2858.39
	6	2339.62	88.09	1.055e+04	1.069e+04	445.74	-1894.74
	7	-3497.00	-75.19	-1.905e+04	-2.179e+04	-908.32	2858.39
	6	2339.62	88.09	1.055e+04	1.069e+04	445.74	-1894.74
19	16	137.72	-31.08	-6888.53	6577.61	6733.02	-621.62
	13	405.12	87.82	-6063.19	-1.253e+04	5.257e+04	774.69
	13	405.12	87.82	-6063.19	-1.253e+04	5.257e+04	774.69
	16	137.72	-31.08	-6888.53	6577.61	6733.02	-621.62
	7	109.49	16.10	-6657.77	-1744.82	1630.18	-537.23
	6	433.35	40.64	-6293.95	-4209.82	5.767e+04	690.30
	7	-44.25	1369.47	-6775.30	-1894.25	-2.713e+04	-2287.96
	6	-261.83	-948.76	2493.65	-202.24	-2897.03	1279.52
	7	-44.25	1369.47	-6775.30	-1894.25	-2.713e+04	-2287.96
	6	-261.83	-948.76	2493.65	-202.24	-2897.03	1279.52
21	7	-44.25	1369.47	-6775.30	-1894.25	-2.713e+04	-2287.96
	6	-261.83	-948.76	2493.65	-202.24	-2897.03	1279.52
	7	-44.25	1369.47	-6775.30	-1894.25	-2.713e+04	-2287.96
	6	-261.83	-948.76	2493.65	-202.24	-2897.03	1279.52
	26	169.91	-51.18	-2.254e+04	1.022e+04	2.604e+04	-512.16
	27	66.88	26.59	-1.764e+04	-7260.96	5357.13	-65.37
	27	66.88	26.59	-1.764e+04	-7260.96	5357.13	-65.37
	26	169.91	-51.18	-2.254e+04	1.022e+04	2.604e+04	-512.16
	7	13.03	21.53	-1.809e+04	-6770.16	-6412.85	-445.61
	6	223.76	-46.12	-2.208e+04	9731.01	3.781e+04	-131.92
23	20	-47.78	-68.08	-2.203e+04	1.154e+04	-8051.48	-254.19
	17	-6.86	5.47	-1.678e+04	-3373.92	25.41	62.60
	19	-67.96	25.31	-1.764e+04	-7671.42	-1.237e+04	-462.24
	18	13.32	-87.92	-2.117e+04	1.583e+04	4343.47	270.65
	7	-133.54	15.22	-2.033e+04	-5852.90	-2.559e+04	-1019.42
	6	78.90	-77.83	-1.847e+04	1.402e+04	1.757e+04	827.83
	19	-198.22	1042.30	-4870.63	-2086.87	7538.52	172.73
	18	270.87	-528.13	1229.12	-2090.14	7550.34	431.30
	1	88.42	207.76	-1670.44	-3868.74	1.398e+04	1945.37
	4	-15.78	306.41	-1971.06	-308.27	1113.58	-1341.33
25	4	-15.78	306.41	-1971.06	-308.27	1113.58	-1341.33
	1	88.42	207.76	-1670.44	-3868.74	1.398e+04	1945.37
	6	-112.50	-1112.41	-5061.70	224.35	3207.85	-1051.65
	7	12.78	707.85	1939.55	-946.73	-1.354e+04	2048.60
	7	12.78	707.85	1939.55	-946.73	-1.354e+04	2048.60
	6	-112.50	-1112.41	-5061.70	224.35	3207.85	-1051.65
	7	12.78	707.85	1939.55	-946.73	-1.354e+04	2048.60
	6	-112.50	-1112.41	-5061.70	224.35	3207.85	-1051.65
	13	-1.41	74.10	-1367.85	-1.228e+04	5931.79	636.26
	16	-142.43	-66.92	-140.77	1.121e+04	-2.487e+04	53.00
27	13	-1.41	74.10	-1367.85	-1.228e+04	5931.79	636.26
	16	-142.43	-66.92	-140.77	1.121e+04	-2.487e+04	53.00
	7	-180.30	-5.08	-302.17	977.16	-3.115e+04	-13.75
	6	36.46	12.27	-1206.45	-2039.99	1.221e+04	703.01

35	10	1818.54	620.94	-4882.88	-2776.44	9068.30	519.03
	11	-1518.79	-627.70	2954.36	2388.82	-7696.33	-591.67
	1	2162.44	1246.72	-3820.63	-5736.68	1.080e+04	531.27
	4	-1862.69	-1253.48	1892.11	5349.06	-9427.49	-603.92
	8	-1877.83	-1228.48	2004.42	5224.66	-9501.54	-602.46
37	5	2177.57	1221.73	-3932.94	-5612.29	1.087e+04	529.81
	1	233.20	1409.66	-5847.88	-348.20	1.633e+04	953.82
	4	151.57	-1001.08	2930.01	-217.38	1.020e+04	348.38
	29	225.89	1191.60	-5082.56	-380.05	1.783e+04	1086.04
	32	158.88	-783.02	2164.69	-185.54	8703.37	216.16
39	32	158.88	-783.02	2164.69	-185.54	8703.37	216.16
	29	225.89	1191.60	-5082.56	-380.05	1.783e+04	1086.04
	6	-224.35	-1472.43	-6058.78	209.11	2995.31	-1403.86
	7	-257.69	937.54	3505.30	-2641.50	-3.784e+04	2269.69
	7	-257.69	937.54	3505.30	-2641.50	-3.784e+04	2269.69
41	6	-224.35	-1472.43	-6058.78	209.11	2995.31	-1403.86
	7	-257.69	937.54	3505.30	-2641.50	-3.784e+04	2269.69
	6	-224.35	-1472.43	-6058.78	209.11	2995.31	-1403.86
	27	-142.79	-11.68	-1.671e+04	-4604.40	-2.199e+04	574.86
	26	300.63	-223.62	-1.259e+04	2.920e+04	3.793e+04	-685.86
43	7	-213.82	-8.10	-1.577e+04	-5280.35	-3.789e+04	-164.72
	6	371.67	-227.20	-1.353e+04	2.988e+04	5.382e+04	53.73
	7	-213.82	-8.10	-1.577e+04	-5280.35	-3.789e+04	-164.72
	6	371.67	-227.20	-1.353e+04	2.988e+04	5.382e+04	53.73
	19	262.61	73.59	-1.316e+04	-1.411e+04	2.219e+04	-1640.36
45	18	512.78	-168.55	-1.047e+04	2.504e+04	5.964e+04	-618.45
	19	262.61	73.59	-1.316e+04	-1.411e+04	2.219e+04	-1640.36
	18	512.78	-168.55	-1.047e+04	2.504e+04	5.964e+04	-618.45
	7	93.30	57.83	-1.291e+04	-1.137e+04	-6295.55	-1965.85
	6	682.10	-152.79	-1.072e+04	2.230e+04	8.813e+04	-292.95
47	18	267.20	-986.79	-4636.73	-544.59	1967.26	-203.21
	19	-178.36	644.52	1976.52	600.73	-2170.04	204.39
	6	183.33	-630.91	-3165.89	-4971.54	1.796e+04	-1830.64
	7	-94.49	288.64	505.68	5027.67	-1.816e+04	1831.81
	7	-94.49	288.64	505.68	5027.67	-1.816e+04	1831.81
49	6	183.33	-630.91	-3165.89	-4971.54	1.796e+04	-1830.64
	25	-440.55	-487.38	-6423.42	4.591e+04	-2.872e+04	2065.61
	28	-410.39	-514.53	-5747.86	4.872e+04	-5.768e+04	1005.69
	7	-568.83	-424.62	-5912.60	3.830e+04	-6.264e+04	1324.05
	6	-282.11	-577.29	-6258.69	5.633e+04	-2.376e+04	1747.25
51	8	-536.86	-444.70	-5755.24	4.056e+04	-6.740e+04	1067.28
	5	-314.09	-557.21	-6416.05	5.407e+04	-1.900e+04	2004.02
	7	51.45	219.38	-3219.64	-2.564e+04	-4461.29	-2419.30
	6	338.16	108.79	-2732.39	-7086.93	4.133e+04	-2115.37
	7	51.45	219.38	-3219.64	-2.564e+04	-4461.29	-2419.30
53	6	338.16	108.79	-2732.39	-7086.93	4.133e+04	-2115.37
	8	23.10	194.15	-3125.94	-2.144e+04	-8729.62	-2853.52
	5	366.52	134.02	-2826.09	-1.129e+04	4.560e+04	-1681.15
	25	312.49	247.34	-8811.01	-2.696e+04	3.185e+04	-672.38
	28	266.69	143.47	-7951.04	-1.131e+04	2.409e+04	-1936.98
55	19	263.41	281.71	-8665.29	-3.215e+04	2.343e+04	-805.87
	18	315.77	109.10	-8096.76	-6109.04	3.251e+04	-1803.48
	7	84.84	267.44	-8258.15	-2.995e+04	-3866.35	-1409.60
	6	494.34	123.38	-8503.89	-8309.18	5.981e+04	-1199.75
	25	-484.00	82.53	-6719.52	-9507.57	-4.429e+04	2122.88
57	28	-444.46	-39.94	-5915.18	5712.79	-4.285e+04	2438.60
	7	-695.54	131.44	-6217.36	-1.657e+04	-7.817e+04	816.62
	6	-232.92	-88.85	-6417.33	1.278e+04	-8974.28	3744.86
	7	-695.54	131.44	-6217.36	-1.657e+04	-7.817e+04	816.62
	6	-232.92	-88.85	-6417.33	1.278e+04	-8974.28	3744.86
59	3	-226.19	77.74	-8440.07	-9790.52	-3.362e+04	-1030.23
	2	105.06	4.97	-5139.01	1384.45	2.072e+04	1315.57
	19	-139.45	92.08	-8349.99	-1.227e+04	-1.849e+04	-650.12
	18	18.32	-9.37	-5229.09	3863.88	5595.69	935.46
	7	-228.00	76.70	-8409.92	-9613.71	-3.395e+04	-1026.28
	6	106.87	6.00	-5169.17	1207.64	2.105e+04	1311.62
	27	-83.88	87.01	-7684.60	-9221.71	-1.455e+04	-1193.24
	26	95.26	-0.55	-6967.33	343.35	1.599e+04	1267.16
	17	32.07	75.40	-7570.23	-1.140e+04	6136.38	-76.45
	20	-20.69	11.06	-7081.69	2518.77	-4690.87	150.37
	7	-184.73	79.46	-7587.02	-3472.66	-3.295e+04	-2043.31
	6	196.11	7.00	-7064.91	-5405.70	3.440e+04	2117.23
	8	-213.73	-294.18	-3394.12	3.640e+04	-4.932e+04	-948.57
	5	507.61	-159.12	-2893.05	1.155e+04	8.148e+04	1264.16
	1	510.60	-158.34	-2895.37	1.142e+04	8.205e+04	1248.43
	4	-216.72	-294.96	-3391.80	3.653e+04	-4.988e+04	-932.84
	7	-261.68	-276.62	-3335.34	3.341e+04	-5.778e+04	-1353.45

61	6	555.55	-176.68	-2951.83	1.454e+04	8.995e+04	1669.05
	18	426.16	-370.56	-5918.29	3.378e+04	5.479e+04	2274.13
	19	90.65	-327.06	-4711.90	3.474e+04	-2804.54	-975.23
	1	612.00	-174.29	-5499.59	6167.69	8.817e+04	2419.63
	4	-95.18	-523.33	-5130.59	6.235e+04	-3.618e+04	-1120.73
63	7	-132.58	-483.91	-4844.77	5.798e+04	-4.246e+04	-1708.54
	6	649.40	-213.71	-5785.41	1.053e+04	9.445e+04	3007.45
	7	-1.47	283.34	-8886.49	-3.692e+04	-5902.26	-452.10
	6	284.95	75.78	-5691.18	-3529.71	3.585e+04	1214.65
	27	83.38	279.67	-7990.81	-3.702e+04	6459.05	-22.17
65	26	200.10	79.45	-6586.85	-3429.98	2.349e+04	784.72
	7	-1.47	283.34	-8886.49	-3.692e+04	-5902.26	-452.10
	6	284.95	75.78	-5691.18	-3529.71	3.585e+04	1214.65
	8	-1888.77	-56.82	-1.047e+04	-7049.82	-292.29	-199.49
	5	1468.60	78.54	7595.48	2636.38	109.31	104.71
68	27	-263.76	110.31	-2225.26	-1.494e+04	-619.42	-252.17
	26	-156.41	-88.58	-648.66	1.053e+04	436.43	157.39
	27	-263.76	110.31	-2225.26	-1.494e+04	-619.42	-252.17
	26	-156.41	-88.58	-648.66	1.053e+04	436.43	157.39
	8	-838.47	52.28	-6427.51	-9305.28	-7.910e+04	-2302.59
85	5	-637.74	-100.48	-5828.38	1.111e+04	-5.627e+04	-270.46
	19	-688.75	122.44	-6035.38	-2.072e+04	-5.972e+04	-2352.41
	18	-787.47	-170.64	-6220.51	2.253e+04	-7.565e+04	-220.64
	28	-834.84	-103.28	-6380.29	1.319e+04	-8.073e+04	-932.88
	25	-641.38	55.08	-5875.59	-1.139e+04	-5.465e+04	-1640.17
94	10	272.72	1451.80	-3359.17	-246.82	1.159e+04	1597.51
	11	-240.91	-1275.20	1429.33	192.80	-9052.62	-1679.35
	5	261.03	2343.87	-2851.53	-294.70	1.384e+04	1562.58
	8	-229.22	-2167.27	921.68	240.68	-1.130e+04	-1644.42
	8	-229.22	-2167.27	921.68	240.68	-1.130e+04	-1644.42
103	5	261.03	2343.87	-2851.53	-294.70	1.384e+04	1562.58
	10	26.53	1382.72	-2767.82	-142.70	6693.96	633.92
	11	-18.80	-1150.29	689.58	63.92	-2998.62	-1016.32
	5	11.97	2324.04	-2547.96	-168.16	7888.06	655.35
	8	-4.24	-2091.60	469.72	89.38	-4192.72	-1037.75
112	8	-4.24	-2091.60	469.72	89.38	-4192.72	-1037.75
	5	11.97	2324.04	-2547.96	-168.16	7888.06	655.35
	6	50.26	1564.31	-2675.83	-122.76	5758.78	204.06
	7	-24.29	-1348.51	434.34	-7.65	358.77	-784.64
	13	32.73	2056.85	-2414.97	-155.00	7271.16	48.41
121	16	-6.76	-1841.05	173.47	24.59	-1153.61	-629.00
	16	-6.76	-1841.05	173.47	24.59	-1153.61	-629.00
	13	32.73	2056.85	-2414.97	-155.00	7271.16	48.41
	5	58.10	2171.04	-2825.37	-171.66	8057.58	-137.69
	8	-0.47	-2033.24	368.43	-31.03	1457.21	-637.15
130	13	53.74	1954.49	-2726.40	-181.03	8497.83	-686.72
	16	3.90	-1816.70	269.46	-21.66	1016.96	-88.13
	16	3.90	-1816.70	269.46	-21.66	1016.96	-88.13
	13	53.74	1954.49	-2726.40	-181.03	8497.83	-686.72
	1	82.89	2058.26	-3167.58	-217.87	1.023e+04	-784.82
139	4	18.70	-2033.41	397.43	-79.94	3752.04	-213.06
	29	39.79	1613.24	-2606.76	-234.71	1.102e+04	-770.80
	32	61.80	-1588.39	-163.38	-63.10	2961.62	-227.08
	32	61.80	-1588.39	-163.38	-63.10	2961.62	-227.08
	29	39.79	1613.24	-2606.76	-234.71	1.102e+04	-770.80
148	1	113.14	1884.48	-3722.30	-286.42	1.344e+04	-888.60
	4	47.21	-1966.14	517.93	-133.33	6254.28	-369.47
	29	70.54	1483.46	-3187.25	-313.03	1.468e+04	-937.21
	32	89.81	-1565.12	-17.12	-106.72	5006.06	-320.87
	32	89.81	-1565.12	-17.12	-106.72	5006.06	-320.87
157	29	70.54	1483.46	-3187.25	-313.03	1.468e+04	-937.21
	1	152.73	1715.46	-4537.03	-375.66	1.762e+04	-1049.98
	4	87.36	-1841.17	791.28	-197.50	9264.58	-521.39
	29	109.85	1357.58	-3972.41	-411.76	1.932e+04	-1146.49
	32	130.24	-1483.30	226.65	-161.41	7571.40	-424.88
	32	130.24	-1483.30	226.65	-161.41	7571.40	-424.88
	29	109.85	1357.58	-3972.41	-411.76	1.932e+04	-1146.49
	1	216.66	1603.10	-5691.71	-489.36	2.297e+04	-1280.17
	4	150.88	-1645.97	1356.78	-277.03	1.300e+04	-686.97
	29	227.53	1284.80	-5029.38	-536.76	2.520e+04	-1413.73
	32	140.01	-1327.66	694.45	-229.63	1.078e+04	-553.41
	32	140.01	-1327.66	694.45	-229.63	1.078e+04	-553.41
	29	227.53	1284.80	-5029.38	-536.76	2.520e+04	-1413.73
	1	390.49	1511.88	-7639.00	-624.85	2.933e+04	-874.06
	4	251.68	-1281.45	2713.55	-376.40	1.767e+04	-1025.58
	29	397.94	1244.58	-6729.14	-683.97	3.210e+04	-1303.88
	32	244.24	-1014.15	1803.70	-317.27	1.489e+04	-595.76

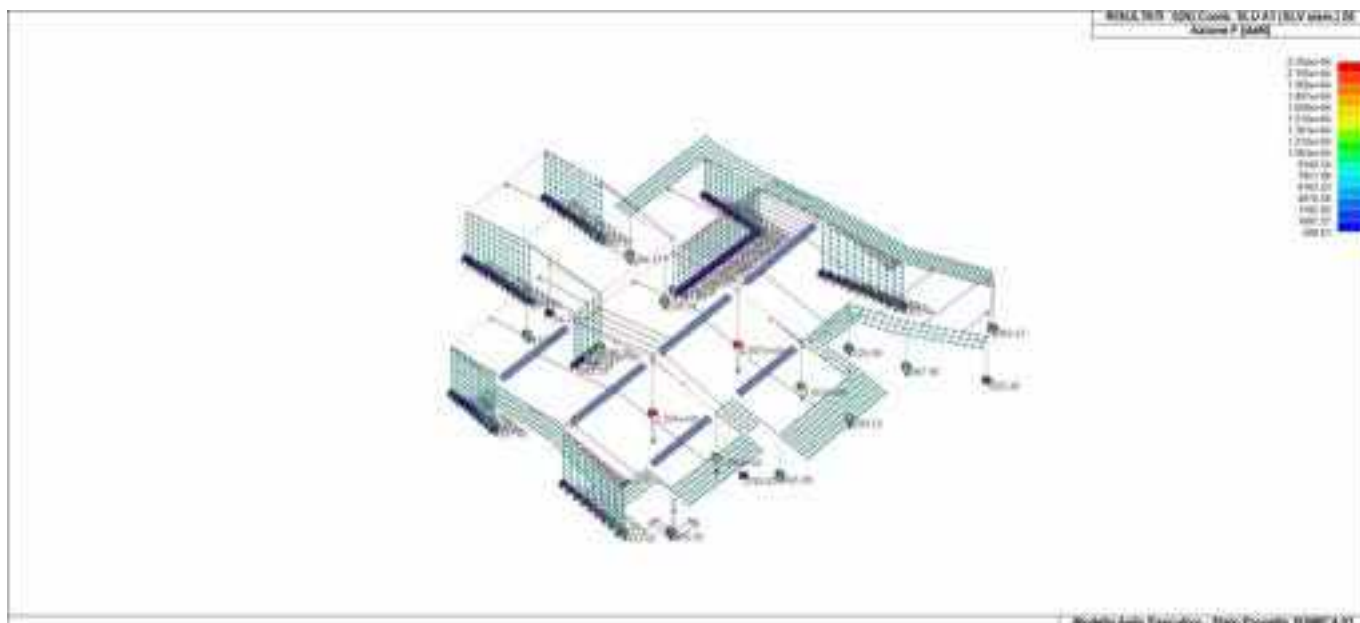
	32	244.24	-1014.15	1803.70	-317.27	1.489e+04	-595.76
	29	397.94	1244.58	-6729.14	-683.97	3.210e+04	-1303.88
180	14	403.06	-1574.72	-1.145e+04	-227.13	5.645e+04	-1403.52
	15	125.27	1151.01	5546.26	5.43	-1349.95	2411.79
	13	385.56	-1351.22	-1.003e+04	-241.44	6.000e+04	-1684.46
	16	142.78	927.52	4123.22	19.74	-4906.31	2692.73
	16	142.78	927.52	4123.22	19.74	-4906.31	2692.73
	13	385.56	-1351.22	-1.003e+04	-241.44	6.000e+04	-1684.46
189	14	387.36	-1567.68	-8224.65	-232.87	5.787e+04	-334.50
	15	-59.60	1423.71	2951.68	40.18	-9985.34	1787.18
	13	360.39	-1323.83	-7282.90	-250.02	6.213e+04	-511.61
	16	-32.64	1179.87	2009.93	57.33	-1.425e+04	1964.28
	16	-32.64	1179.87	2009.93	57.33	-1.425e+04	1964.28
	13	360.39	-1323.83	-7282.90	-250.02	6.213e+04	-511.61
198	14	292.99	-1556.70	-5841.83	-228.82	5.687e+04	-261.66
	15	-67.33	1569.74	1121.25	61.07	-1.518e+04	1295.78
	13	318.67	-1302.98	-5249.66	-247.32	6.146e+04	-396.99
	16	-93.01	1316.02	529.08	79.56	-1.977e+04	1431.11
	16	-93.01	1316.02	529.08	79.56	-1.977e+04	1431.11
	13	318.67	-1302.98	-5249.66	-247.32	6.146e+04	-396.99
207	14	273.09	-1615.07	-3762.81	-228.76	5.685e+04	-484.94
	15	-93.71	1693.19	-413.54	76.76	-1.908e+04	1047.16
	13	299.66	-1347.42	-3470.80	-248.47	6.175e+04	-611.14
	16	-120.27	1425.54	-705.54	96.48	-2.398e+04	1173.36
	16	-120.27	1425.54	-705.54	96.48	-2.398e+04	1173.36
	13	299.66	-1347.42	-3470.80	-248.47	6.175e+04	-611.14
216	18	151.68	-597.22	-1921.97	-86.48	2.156e+04	10.97
	19	14.64	685.99	-1736.03	-58.70	1.463e+04	72.62
	13	304.19	-1404.26	-1823.54	-254.12	6.336e+04	-897.70
	16	-137.87	1493.03	-1834.46	108.95	-2.717e+04	981.30
	16	-137.87	1493.03	-1834.46	108.95	-2.717e+04	981.30
	13	304.19	-1404.26	-1823.54	-254.12	6.336e+04	-897.70
225	15	-117.70	1801.64	-3191.32	96.01	-2.393e+04	699.87
	14	300.18	-1719.78	18.18	-244.39	6.092e+04	-1095.04
	13	330.39	-1435.77	-247.12	-266.56	6.644e+04	-1222.59
	16	-147.91	1517.63	-2926.02	118.18	-2.946e+04	827.42
	16	-147.91	1517.63	-2926.02	118.18	-2.946e+04	827.42
	13	330.39	-1435.77	-247.12	-266.56	6.644e+04	-1222.59
234	15	-119.06	1788.95	-4684.10	101.00	-2.510e+04	573.50
	14	350.59	-1700.21	1978.51	-262.67	6.528e+04	-1434.99
	13	383.97	-1418.72	1425.16	-286.34	7.116e+04	-1570.67
	16	-152.44	1507.46	-4130.75	124.67	-3.098e+04	709.18
	16	-152.44	1507.46	-4130.75	124.67	-3.098e+04	709.18
	13	383.97	-1418.72	1425.16	-286.34	7.116e+04	-1570.67
243	15	-143.50	1768.57	-6470.91	103.66	-2.576e+04	367.01
	14	476.64	-1641.02	4246.13	-287.59	7.147e+04	-1632.76
	13	519.33	-1365.26	3354.62	-312.99	7.778e+04	-1766.77
	16	-186.19	1492.81	-5579.40	129.07	-3.208e+04	501.01
	16	-186.19	1492.81	-5579.40	129.07	-3.208e+04	501.01
	13	519.33	-1365.26	3354.62	-312.99	7.778e+04	-1766.77
252	15	-103.12	1664.84	-9174.99	96.17	-2.390e+04	-636.19
	14	633.22	-1474.15	7448.67	-306.79	7.624e+04	-218.52
	13	683.10	-1218.90	6068.18	-332.91	8.273e+04	-272.03
	16	-153.00	1409.58	-7794.50	122.29	-3.039e+04	-582.68
	16	-153.00	1409.58	-7794.50	122.29	-3.039e+04	-582.68
	13	683.10	-1218.90	6068.18	-332.91	8.273e+04	-272.03
275	16	-373.38	-902.25	-5347.58	2666.72	-6.495e+04	199.39
	13	-78.39	877.02	1358.13	-222.68	5423.19	-2325.24
	13	-78.39	877.02	1358.13	-222.68	5423.19	-2325.24
	16	-373.38	-902.25	-5347.58	2666.72	-6.495e+04	199.39
	16	-373.38	-902.25	-5347.58	2666.72	-6.495e+04	199.39
	13	-78.39	877.02	1358.13	-222.68	5423.19	-2325.24
284	16	-292.77	-885.06	-4089.94	2573.91	-6.269e+04	54.07
	13	-30.51	1004.12	252.10	-513.84	1.251e+04	-1762.16
	13	-30.51	1004.12	252.10	-513.84	1.251e+04	-1762.16
	16	-292.77	-885.06	-4089.94	2573.91	-6.269e+04	54.07
	16	-292.77	-885.06	-4089.94	2573.91	-6.269e+04	54.07
	13	-30.51	1004.12	252.10	-513.84	1.251e+04	-1762.16
293	16	-255.96	-929.26	-3015.11	2512.07	-6.118e+04	204.65
	13	3.61	1120.76	-647.92	-748.82	1.824e+04	-1487.49
	13	3.61	1120.76	-647.92	-748.82	1.824e+04	-1487.49
	16	-255.96	-929.26	-3015.11	2512.07	-6.118e+04	204.65
	16	-255.96	-929.26	-3015.11	2512.07	-6.118e+04	204.65
	13	3.61	1120.76	-647.92	-748.82	1.824e+04	-1487.49
302	16	-236.79	-997.47	-2068.88	2492.99	-6.072e+04	428.46
	13	28.39	1209.89	-1425.53	-943.81	2.299e+04	-1287.57
	13	28.39	1209.89	-1425.53	-943.81	2.299e+04	-1287.57

311	16	-236.79	-997.47	-2068.88	2492.99	-6.072e+04	428.46
	16	-236.79	-997.47	-2068.88	2492.99	-6.072e+04	428.46
	13	28.39	1209.89	-1425.53	-943.81	2.299e+04	-1287.57
	13	47.02	1263.12	-2153.99	-1103.76	2.688e+04	-1130.11
	16	-234.04	-1059.15	-1202.46	2524.47	-6.148e+04	712.23
	13	47.02	1263.12	-2153.99	-1103.76	2.688e+04	-1130.11
	16	-234.04	-1059.15	-1202.46	2524.47	-6.148e+04	712.23
	16	-234.04	-1059.15	-1202.46	2524.47	-6.148e+04	712.23
320	13	47.02	1263.12	-2153.99	-1103.76	2.688e+04	-1130.11
	13	60.42	1280.42	-2890.33	-1231.26	2.999e+04	-995.59
	16	-251.03	-1089.00	-369.14	2613.58	-6.366e+04	1026.76
	13	60.42	1280.42	-2890.33	-1231.26	2.999e+04	-995.59
	16	-251.03	-1089.00	-369.14	2613.58	-6.366e+04	1026.76
	16	-251.03	-1089.00	-369.14	2613.58	-6.366e+04	1026.76
	13	60.42	1280.42	-2890.33	-1231.26	2.999e+04	-995.59
	13	69.71	1270.67	-3718.23	-1331.15	3.242e+04	-897.15
329	16	-294.02	-1070.29	519.97	2766.39	-6.738e+04	1361.42
	13	69.71	1270.67	-3718.23	-1331.15	3.242e+04	-897.15
	16	-294.02	-1070.29	519.97	2766.39	-6.738e+04	1361.42
	16	-294.02	-1070.29	519.97	2766.39	-6.738e+04	1361.42
	13	69.71	1270.67	-3718.23	-1331.15	3.242e+04	-897.15
	13	105.87	1260.53	-4750.74	-1417.90	3.453e+04	-715.98
	16	-409.18	-1008.65	1588.17	2992.67	-7.289e+04	1540.80
	13	105.87	1260.53	-4750.74	-1417.90	3.453e+04	-715.98
	16	-409.18	-1008.65	1588.17	2992.67	-7.289e+04	1540.80
	16	-409.18	-1008.65	1588.17	2992.67	-7.289e+04	1540.80
	13	105.87	1260.53	-4750.74	-1417.90	3.453e+04	-715.98
	13	92.78	1201.08	-6408.30	-1396.07	3.400e+04	431.99
347	16	-546.48	-847.83	3195.84	3148.82	-7.669e+04	54.76
	13	92.78	1201.08	-6408.30	-1396.07	3.400e+04	431.99
	16	-546.48	-847.83	3195.84	3148.82	-7.669e+04	54.76
	16	-546.48	-847.83	3195.84	3148.82	-7.669e+04	54.76
	13	92.78	1201.08	-6408.30	-1396.07	3.400e+04	431.99
	7	-163.49	1238.59	-5302.35	-1971.77	-2.819e+04	-340.89
	6	-107.98	-546.20	3394.37	15.56	222.39	831.12
	3	-164.61	1210.82	-5145.19	-1971.84	-2.819e+04	-336.32
	2	-106.86	-518.43	3237.22	15.62	223.32	826.54
	3	-164.61	1210.82	-5145.19	-1971.84	-2.819e+04	-336.32
	2	-106.86	-518.43	3237.22	15.62	223.32	826.54
	7	-111.58	1395.38	-3893.52	-1940.82	-2.775e+04	185.72
380	6	-42.80	-627.04	1775.01	228.83	3271.93	646.16
	7	-111.58	1395.38	-3893.52	-1940.82	-2.775e+04	185.72
	6	-42.80	-627.04	1775.01	228.83	3271.93	646.16
	7	-111.58	1395.38	-3893.52	-1940.82	-2.775e+04	185.72
	6	-42.80	-627.04	1775.01	228.83	3271.93	646.16
	7	-66.15	1452.19	-3127.06	-1839.21	-2.630e+04	175.20
	6	-21.06	-651.93	535.76	358.81	5130.40	477.04
	7	-66.15	1452.19	-3127.06	-1839.21	-2.630e+04	175.20
	6	-21.06	-651.93	535.76	358.81	5130.40	477.04
	7	-66.15	1452.19	-3127.06	-1839.21	-2.630e+04	175.20
	6	-21.06	-651.93	535.76	358.81	5130.40	477.04
	7	-46.85	1479.94	-2569.11	-1770.19	-2.531e+04	52.76
398	6	-6.70	-670.74	-575.34	455.37	6511.16	379.90
	7	-46.85	1479.94	-2569.11	-1770.19	-2.531e+04	52.76
	6	-6.70	-670.74	-575.34	455.37	6511.16	379.90
	7	-46.85	1479.94	-2569.11	-1770.19	-2.531e+04	52.76
	6	-6.70	-670.74	-575.34	455.37	6511.16	379.90
	7	-40.26	1462.93	-2098.07	-1744.16	-2.494e+04	-93.38
	6	0.19	-677.07	-1630.68	527.08	7536.58	303.41
	7	-40.26	1462.93	-2098.07	-1744.16	-2.494e+04	-93.38
	6	0.19	-677.07	-1630.68	527.08	7536.58	303.41
	7	-40.26	1462.93	-2098.07	-1744.16	-2.494e+04	-93.38
	6	0.19	-677.07	-1630.68	527.08	7536.58	303.41
	6	0.64	-681.50	-2736.21	575.47	8228.37	236.94
416	7	-45.67	1391.98	-1573.71	-1762.98	-2.521e+04	-250.50
	7	-45.67	1391.98	-1573.71	-1762.98	-2.521e+04	-250.50
	6	0.64	-681.50	-2736.21	575.47	8228.37	236.94
	7	-45.67	1391.98	-1573.71	-1762.98	-2.521e+04	-250.50
	6	0.64	-681.50	-2736.21	575.47	8228.37	236.94
	6	-2.98	-701.84	-3888.34	602.39	8613.28	174.19
	7	-69.05	1260.75	-956.95	-1828.01	-2.614e+04	-402.57
	7	-69.05	1260.75	-956.95	-1828.01	-2.614e+04	-402.57
	6	-2.98	-701.84	-3888.34	602.39	8613.28	174.19
	7	-69.05	1260.75	-956.95	-1828.01	-2.614e+04	-402.57
	6	-2.98	-701.84	-3888.34	602.39	8613.28	174.19
	6	-4.05	-769.27	-5178.38	607.99	8693.42	69.17
434	7	-126.75	1073.74	-102.69	-1932.97	-2.764e+04	-454.00

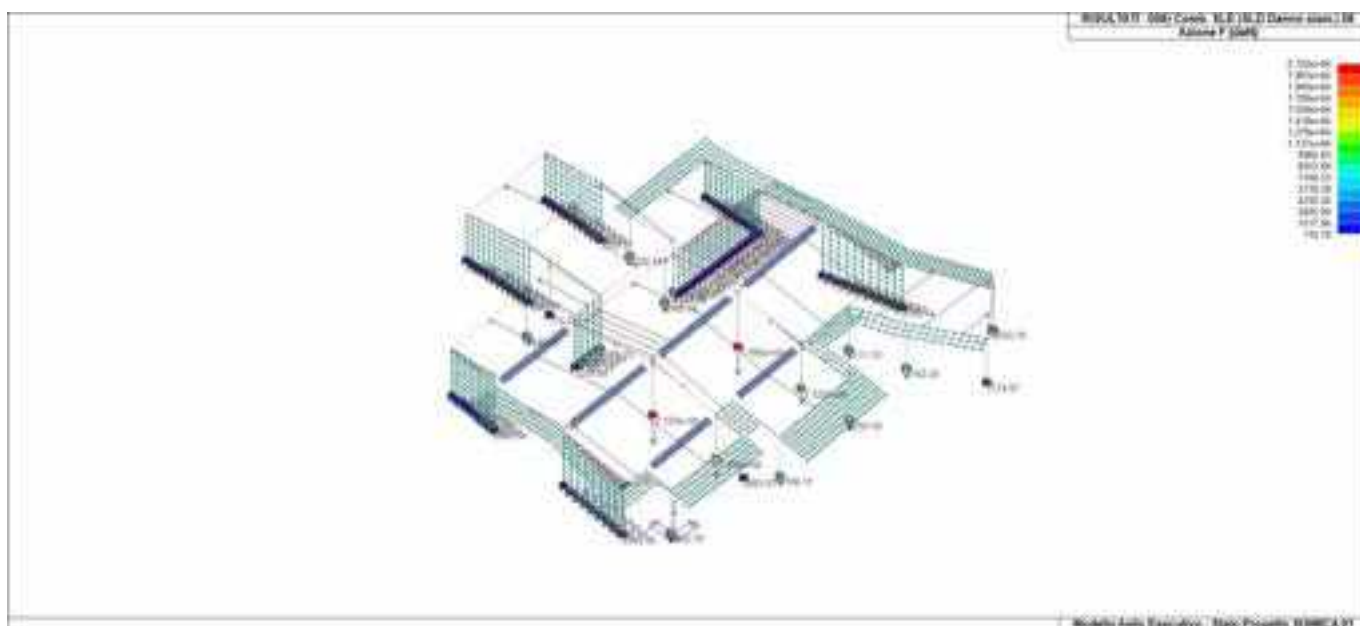
443	7	-126.75	1073.74	-102.69	-1932.97	-2.764e+04	-454.00
	6	-4.05	-769.27	-5178.38	607.99	8693.42	69.17
	7	-126.75	1073.74	-102.69	-1932.97	-2.764e+04	-454.00
	6	-4.05	-769.27	-5178.38	607.99	8693.42	69.17
	6	-40.33	-853.12	-6898.02	542.17	7752.15	-258.88
	7	-181.59	764.61	1302.92	-1973.94	-2.822e+04	152.17
	7	-181.59	764.61	1302.92	-1973.94	-2.822e+04	152.17
	6	-40.33	-853.12	-6898.02	542.17	7752.15	-258.88
	7	-181.59	764.61	1302.92	-1973.94	-2.822e+04	152.17
	6	-40.33	-853.12	-6898.02	542.17	7752.15	-258.88
	7	-329.66	1224.56	-9326.27	-3786.59	-5.424e+04	445.41
	6	-170.12	-1424.52	1159.49	219.71	3147.20	1414.08
492	7	-329.66	1224.56	-9326.27	-3786.59	-5.424e+04	445.41
	6	-170.12	-1424.52	1159.49	219.71	3147.20	1414.08
	7	-329.66	1224.56	-9326.27	-3786.59	-5.424e+04	445.41
	6	-170.12	-1424.52	1159.49	219.71	3147.20	1414.08
	7	-194.82	1042.83	-6715.93	-3422.49	-4.903e+04	562.97
	6	-95.11	-1924.85	-1052.48	805.90	1.154e+04	829.98
	7	-194.82	1042.83	-6715.93	-3422.49	-4.903e+04	562.97
	6	-95.11	-1924.85	-1052.48	805.90	1.154e+04	829.98
	7	-194.82	1042.83	-6715.93	-3422.49	-4.903e+04	562.97
	6	-95.11	-1924.85	-1052.48	805.90	1.154e+04	829.98
	7	-140.45	1028.47	-4694.82	-3188.16	-4.567e+04	162.64
	6	-77.41	-2181.29	-2257.16	1140.08	1.633e+04	534.57
497	7	-140.45	1028.47	-4694.82	-3188.16	-4.567e+04	162.64
	6	-77.41	-2181.29	-2257.16	1140.08	1.633e+04	534.57
	7	-140.45	1028.47	-4694.82	-3188.16	-4.567e+04	162.64
	6	-77.41	-2181.29	-2257.16	1140.08	1.633e+04	534.57
	7	-140.45	1028.47	-4694.82	-3188.16	-4.567e+04	162.64
	6	-66.66	-2269.17	-3200.96	1335.00	1.912e+04	407.25
	7	-125.67	1110.02	-2843.63	-3200.24	-4.584e+04	-443.44
	7	-125.67	1110.02	-2843.63	-3200.24	-4.584e+04	-443.44
	6	-66.66	-2269.17	-3200.96	1335.00	1.912e+04	407.25
	7	-125.67	1110.02	-2843.63	-3200.24	-4.584e+04	-443.44
	6	-66.66	-2269.17	-3200.96	1335.00	1.912e+04	407.25
	6	-73.71	-2220.86	-4101.13	1373.80	1.968e+04	160.64
499	7	-147.18	1167.76	-1135.94	-3477.60	-4.982e+04	-993.61
	7	-147.18	1167.76	-1135.94	-3477.60	-4.982e+04	-993.61
	6	-73.71	-2220.86	-4101.13	1373.80	1.968e+04	160.64
	7	-147.18	1167.76	-1135.94	-3477.60	-4.982e+04	-993.61
	6	-73.71	-2220.86	-4101.13	1373.80	1.968e+04	160.64
	6	-96.81	-2105.38	-5324.74	1267.39	1.815e+04	-42.67
	7	-235.81	1147.83	733.17	-4071.50	-5.832e+04	-1631.76
	7	-235.81	1147.83	733.17	-4071.50	-5.832e+04	-1631.76
	6	-96.81	-2105.38	-5324.74	1267.39	1.815e+04	-42.67
	7	-235.81	1147.83	733.17	-4071.50	-5.832e+04	-1631.76
	6	-96.81	-2105.38	-5324.74	1267.39	1.815e+04	-42.67
	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
501	7	-494.21	1041.30	3312.43	-4934.07	-7.068e+04	-1701.69
	7	-494.21	1041.30	3312.43	-4934.07	-7.068e+04	-1701.69
	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
	7	-494.21	1041.30	3312.43	-4934.07	-7.068e+04	-1701.69
	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
	7	-494.21	1041.30	3312.43	-4934.07	-7.068e+04	-1701.69
	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
	7	-494.21	1041.30	3312.43	-4934.07	-7.068e+04	-1701.69
	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
	6	-165.56	-1944.68	-7571.64	922.53	1.321e+04	-633.85
503	18	276.49	-976.62	-6497.74	-1052.99	3803.91	285.77
	19	-242.30	814.64	1134.38	-4097.93	-320.92	-320.92
	5	222.37	-196.53	-2881.16	-1.009e+04	3.643e+04	592.20
	8	-188.19	34.55	-2258.03	1.017e+04	-3.673e+04	-627.35
	8	-188.19	34.55	-2258.03	1.017e+04	-3.673e+04	-627.35
	5	222.37	-196.53	-2881.16	-1.009e+04	3.643e+04	592.20
	18	237.22	-929.66	-5143.69	-893.29	3227.17	426.36
	19	-283.67	1053.82	-191.75	888.86	-3211.14	-506.57
	5	86.97	-68.40	-2836.97	-9149.92	3.306e+04	958.78
	8	-133.42	192.55	-2498.47	9145.48	-3.304e+04	-1038.99
	8	-133.42	192.55	-2498.47	9145.48	-3.304e+04	-1038.99
	5	86.97	-68.40	-2836.97	-9149.92	3.306e+04	958.78
505	18	235.61	-964.94	-4239.62	-808.10	2919.29	313.49
	19	-296.11	1140.80	-1108.44	609.35	-2201.31	-485.04
	5	31.39	-66.97	-2774.72	-8201.00	2.963e+04	737.96
	8	-91.89	242.83	-2573.34	8002.25	-2.891e+04	-909.50
	8	-91.89	242.83	-2573.34	8002.25	-2.891e+04	-909.50
	5	31.39	-66.97	-2774.72	-8201.00	2.963e+04	737.96
	18	266.32	-1082.64	-3521.49	-869.87	3142.44	196.28
	19	-283.10	1122.31	-1828.27	299.42	-1081.65	-498.96
	5	37.92	-168.50	-2739.73	-7613.44	2.750e+04	520.49
	8	-54.69	208.17	-2610.03	7042.99	-2.544e+04	-823.17
	8	-54.69	208.17	-2610.03	7042.99	-2.544e+04	-823.17
	5	37.92	-168.50	-2739.73	-7613.44	2.750e+04	520.49
638	20	245.17	-1210.31	-2978.21	2672.69	-9655.20	-280.66

	17	-187.00	1029.99	-2508.08	-3847.34	1.390e+04	-186.88
	5	69.74	634.60	-2578.70	-7301.55	2.638e+04	316.39
	8	-11.57	-814.92	-2907.58	6126.90	-2.213e+04	-783.93
	8	-11.57	-814.92	-2907.58	6126.90	-2.213e+04	-783.93
	5	69.74	634.60	-2578.70	-7301.55	2.638e+04	316.39
647	23	-209.81	865.98	-3391.07	-825.82	2983.18	-584.88
	22	342.87	-1230.29	-2400.94	-1231.34	4448.08	-78.47
	5	106.34	556.36	-2815.06	-7253.71	2.620e+04	130.77
	8	26.72	-920.66	-2976.95	5196.55	-1.877e+04	-794.11
	8	26.72	-920.66	-2976.95	5196.55	-1.877e+04	-794.11
	5	106.34	556.36	-2815.06	-7253.71	2.620e+04	130.77
656	23	-171.15	790.82	-4313.50	-1458.77	5269.89	-687.17
	22	353.58	-1197.39	-1881.15	-1806.76	6527.01	-211.40
	5	130.43	517.78	-2949.31	-7449.74	2.691e+04	-30.96
	8	52.00	-924.35	-3245.35	4184.20	-1.512e+04	-867.61
	8	52.00	-924.35	-3245.35	4184.20	-1.512e+04	-867.61
	5	130.43	517.78	-2949.31	-7449.74	2.691e+04	-30.96
665	23	-145.59	809.58	-5387.34	-2305.70	8329.72	-868.38
	22	345.09	-1038.39	-1158.09	-2577.08	9310.12	-333.29
	5	138.82	556.56	-3041.01	-7886.50	2.849e+04	-101.38
	8	60.68	-785.37	-3504.42	3003.72	-1.085e+04	-1100.29
	8	60.68	-785.37	-3504.42	3003.72	-1.085e+04	-1100.29
	5	138.82	556.56	-3041.01	-7886.50	2.849e+04	-101.38
674	23	-94.66	905.99	-6845.41	-3464.87	1.252e+04	-1119.80
	22	332.98	-680.92	134.98	-3557.47	1.285e+04	-256.06
	5	157.65	656.17	-3031.36	-8199.56	2.962e+04	223.55
	8	80.66	-431.11	-3679.08	1177.22	-4252.91	-1599.41
	8	80.66	-431.11	-3679.08	1177.22	-4252.91	-1599.41
	5	157.65	656.17	-3031.36	-8199.56	2.962e+04	223.55
691	7	-2047.23	376.11	-2.153e+04	-4.865e+04	-2027.85	898.45
	6	1418.66	-173.50	7159.29	2.546e+04	1061.37	-772.73
	3	-2021.38	376.43	-2.143e+04	-4.867e+04	-2028.64	905.69
	2	1392.81	-173.82	7057.89	2.548e+04	1062.17	-779.97
	3	-2021.38	376.43	-2.143e+04	-4.867e+04	-2028.64	905.69
	2	1392.81	-173.82	7057.89	2.548e+04	1062.17	-779.97
701	15	-1042.73	393.49	-6697.40	-4.678e+04	-1949.70	625.39
	14	1412.10	-176.65	-6185.23	2.385e+04	994.10	-668.97
	3	-1415.69	408.86	-6667.85	-5.157e+04	-2149.35	532.69
	2	1785.07	-192.01	-6214.77	2.864e+04	1193.74	-576.26
	3	-1415.69	408.86	-6667.85	-5.157e+04	-2149.35	532.69
	2	1785.07	-192.01	-6214.77	2.864e+04	1193.74	-576.26
711	6	2294.30	-222.66	-1.980e+04	3.054e+04	1272.68	-318.59
	7	-1162.27	488.74	8047.58	-5.314e+04	-2214.53	97.58
	3	-1136.23	490.33	7943.31	-5.324e+04	-2218.59	97.65
	2	2268.26	-224.25	-1.970e+04	3.064e+04	1276.74	-318.65
	3	-1136.23	490.33	7943.31	-5.324e+04	-2218.59	97.65
	2	2268.26	-224.25	-1.970e+04	3.064e+04	1276.74	-318.65
727	8	-2068.07	-63.07	-7360.33	-6121.08	-253.78	-294.60
	5	1714.34	68.02	4819.23	2368.67	98.21	151.20
	27	-218.15	85.47	-1771.87	-1.373e+04	-569.15	-470.66
	26	-135.58	-80.52	-769.22	9975.15	413.57	327.27
	27	-218.15	85.47	-1771.87	-1.373e+04	-569.15	-470.66
	26	-135.58	-80.52	-769.22	9975.15	413.57	327.27
736	8	-2230.70	-76.35	-5340.35	-5151.92	-213.53	-259.61
	5	1924.10	73.01	2956.97	1991.14	82.53	152.63
	27	-203.24	59.77	-1453.22	-1.221e+04	-505.87	-434.14
	26	-103.36	-63.11	-930.16	9044.43	374.87	327.17
	27	-203.24	59.77	-1453.22	-1.221e+04	-505.87	-434.14
	26	-103.36	-63.11	-930.16	9044.43	374.87	327.17
745	8	-2467.41	-90.56	-3815.26	-4375.30	-181.34	-224.65
	5	2198.11	84.63	1531.78	1619.13	67.10	154.97
	27	-211.66	47.62	-1196.72	-1.098e+04	-454.90	-379.96
	26	-57.64	-53.56	-1086.76	8219.52	340.66	310.28
	27	-211.66	47.62	-1196.72	-1.098e+04	-454.90	-379.96
	26	-57.64	-53.56	-1086.76	8219.52	340.66	310.28
754	8	-2724.57	-104.07	-2671.14	-3729.75	-154.64	-200.18
	5	2488.97	98.48	457.43	1224.35	50.76	158.38
	27	-228.78	39.17	-991.56	-9945.05	-412.33	-338.05
	26	-6.81	-44.76	-1222.15	7439.65	308.45	296.24
	27	-228.78	39.17	-991.56	-9945.05	-412.33	-338.05
	26	-6.81	-44.76	-1222.15	7439.65	308.45	296.24
763	4	-2950.98	-114.79	-1842.55	-3226.82	-133.78	-193.22
	1	2747.28	110.95	-320.43	866.97	35.94	169.35
	27	-245.31	32.73	-833.32	-9052.16	-375.31	-303.90
	26	41.61	-36.57	-1329.66	6692.31	277.46	280.02
	27	-245.31	32.73	-833.32	-9052.16	-375.31	-303.90
	26	41.61	-36.57	-1329.66	6692.31	277.46	280.02

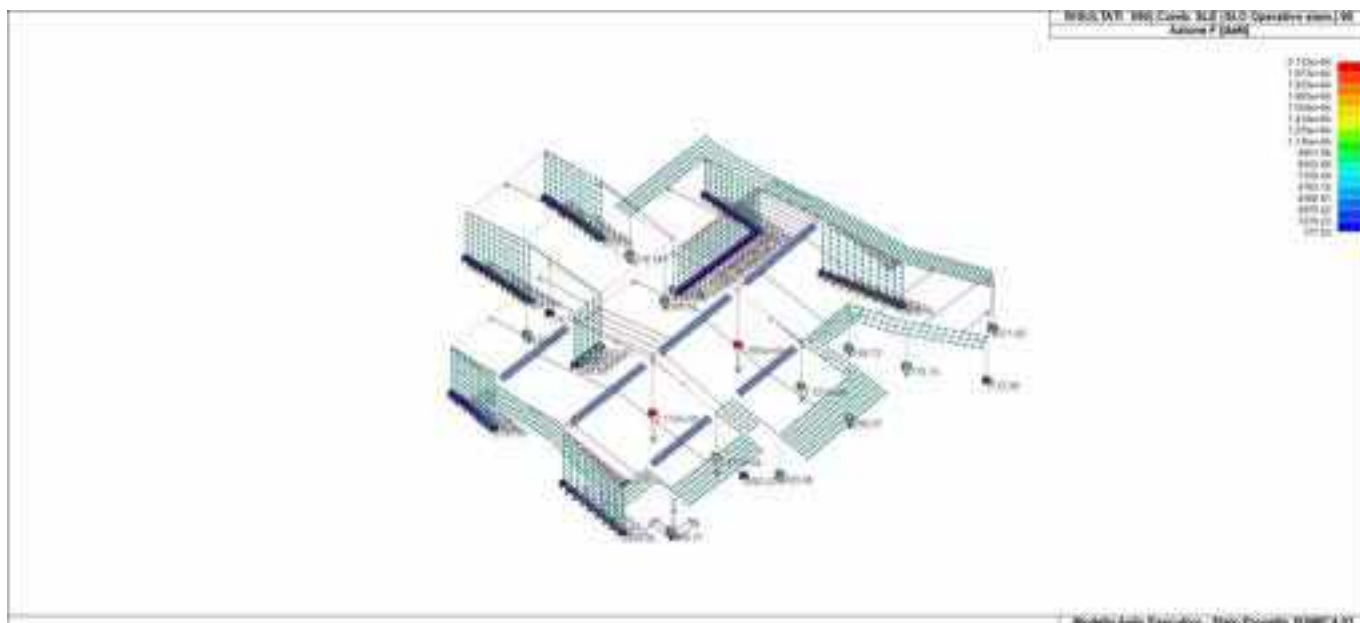
772	20	-1580.90	-90.40	-1495.56	3915.49	162.29	94.83
	17	1407.92	88.87	-630.71	-6193.02	-256.68	-108.46
	27	-255.41	27.75	-732.22	-8261.07	-342.40	-275.86
	26	82.43	-29.28	-1394.05	5983.55	248.01	262.23
	27	-255.41	27.75	-732.22	-8261.07	-342.40	-275.86
781	26	82.43	-29.28	-1394.05	5983.55	248.01	262.23
	18	182.50	-21.18	-1504.72	5411.60	224.28	212.65
	19	-325.17	22.11	-596.19	-7641.62	-316.71	-220.64
	19	-325.17	22.11	-596.19	-7641.62	-316.71	-220.64
	18	182.50	-21.18	-1504.72	5411.60	224.28	212.65
790	19	-325.17	22.11	-596.19	-7641.62	-316.71	-220.64
	18	182.50	-21.18	-1504.72	5411.60	224.28	212.65
	2	2892.60	109.28	-1672.08	2821.77	116.99	232.90
	3	-3004.20	-105.77	-412.64	-5024.21	-208.31	-237.34
	19	-316.64	20.73	-537.83	-7109.67	-294.77	-204.45
799	18	205.04	-17.22	-1546.88	4907.23	203.46	200.00
	19	-316.64	20.73	-537.83	-7109.67	-294.77	-204.45
	18	205.04	-17.22	-1546.88	4907.23	203.46	200.00
	2	2961.67	115.32	-1797.86	2291.61	95.01	216.61
	3	-3039.92	-108.93	-277.38	-4480.56	-185.77	-218.28
808	19	-295.34	19.99	-493.84	-6606.41	-273.91	-193.86
	18	217.09	-13.59	-1581.39	4417.46	183.15	192.19
	19	-295.34	19.99	-493.84	-6606.41	-273.91	-193.86
	18	217.09	-13.59	-1581.39	4417.46	183.15	192.19
	2	2988.99	119.11	-1883.34	1826.62	75.71	203.24
817	3	-3029.50	-109.24	-185.93	-4013.69	-166.36	-202.92
	19	-261.80	19.73	-451.07	-6119.09	-253.62	-188.45
	18	221.29	-9.87	-1618.21	3932.02	162.97	188.77
	19	-261.80	19.73	-451.07	-6119.09	-253.62	-188.45
	18	221.29	-9.87	-1618.21	3932.02	162.97	188.77
826	2	2983.29	121.06	-1963.48	-1128.51	-46.77	194.62
	3	-2978.69	-106.84	-98.42	-1061.86	-44.01	-194.88
	17	1706.08	97.66	-881.40	-5648.61	-234.11	-93.97
	20	-1701.47	-83.44	-1180.49	3458.25	143.33	93.71
	17	1706.08	97.66	-881.40	-5648.61	-234.11	-93.97
835	20	-1701.47	-83.44	-1180.49	3458.25	143.33	93.71
	10	2736.93	113.43	-2076.66	-907.47	-37.62	151.00
	11	-2676.11	-93.80	31.51	-1270.98	-52.70	-159.01
	17	1731.92	97.23	-846.72	-5223.55	-216.57	-86.31
	20	-1671.11	-77.60	-1198.43	3045.10	126.25	78.29
844	17	1731.92	97.23	-846.72	-5223.55	-216.57	-86.31
	20	-1671.11	-77.60	-1198.43	3045.10	126.25	78.29
	10	2688.93	110.36	-2269.62	-1009.06	-41.84	166.43
	11	-2557.34	-84.95	262.64	-1089.98	-45.19	-198.79
	17	1755.82	95.40	-786.29	-4913.58	-203.72	-62.24
853	20	-1624.24	-69.98	-1220.70	2814.54	116.69	29.89
	17	1755.82	95.40	-786.29	-4913.58	-203.72	-62.24
	20	-1624.24	-69.98	-1220.70	2814.54	116.69	29.89
	10	2621.60	98.37	-2584.74	-1287.49	-53.36	348.96
	11	-2404.08	-70.48	651.45	-551.13	-22.85	-436.86
853	17	1774.82	97.92	-691.48	-5114.30	-211.96	-94.82
	20	-1557.30	-70.03	-1241.81	3275.68	135.76	6.93
	17	1774.82	97.92	-691.48	-5114.30	-211.96	-94.82
	20	-1557.30	-70.03	-1241.81	3275.68	135.76	6.93
	10	2460.12	140.51	-3247.71	-2822.71	-117.02	604.93
1932	11	-2152.64	-127.21	1417.66	1592.18	66.02	-759.62
	17	1760.29	218.63	-554.00	-7337.57	-304.14	694.38
	20	-1452.82	-205.32	-1276.04	6107.04	253.15	-849.08
	17	1760.29	218.63	-554.00	-7337.57	-304.14	694.38
	20	-1452.82	-205.32	-1276.04	6107.04	253.15	-849.08
1941	16	32.08	-1225.76	-5242.47	1159.18	-2.824e+04	4825.83
	13	-344.74	851.42	2889.73	352.86	-8595.50	-1904.20
	14	-315.63	580.77	1830.36	304.98	-7429.11	-1526.13
	15	2.97	-955.10	-4183.10	1207.06	-2.940e+04	4447.76
	15	2.97	-955.10	-4183.10	1207.06	-2.940e+04	4447.76
1941	14	-315.63	580.77	1830.36	304.98	-7429.11	-1526.13
	8	-2068.86	-61.59	-8286.06	-3655.21	-151.55	407.86
	5	1717.84	63.50	6424.68	1329.96	55.14	-220.89
	27	-301.28	27.16	-1524.19	-7459.21	-309.27	995.30
	26	-49.74	-25.24	-337.19	5133.96	212.86	-808.33
1941	27	-301.28	27.16	-1524.19	-7459.21	-309.27	995.30
	26	-49.74	-25.24	-337.19	5133.96	212.86	-808.33



42\_RIS\_REAZIONI\_026\_Comb SLU A1 SLV sism 26



42\_RIS\_REAZIONI\_058\_Comb SLE SLD Danno sism 58



42\_RIS\_REAZIONI\_090\_Comb SLE SLO Operativo sism 90

# RISULTATI ELEMENTI TIPO TRAVE

## LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

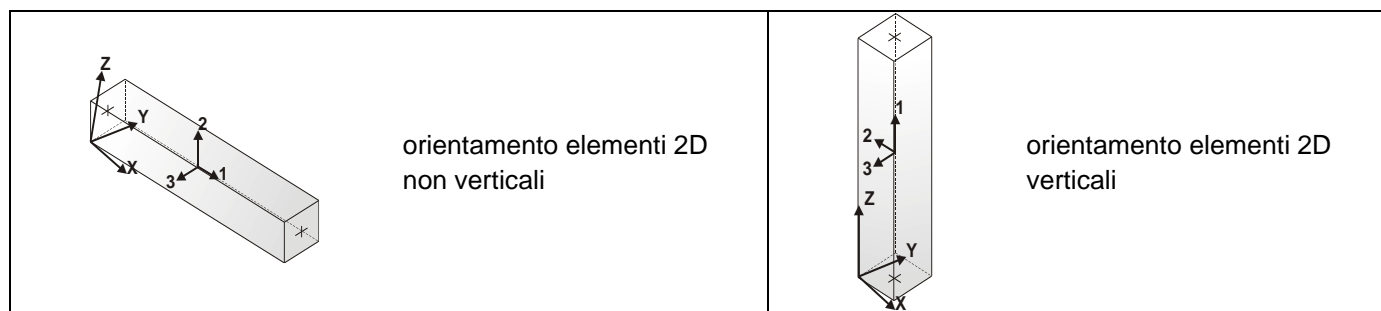
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

<b>Pilas.</b>	numero dell'elemento pilastro
<b>Cmb</b>	combinazione in cui si verificano i valori riportati
<b>M3 mx/mn</b>	momento flettente in campata M3 max (prima riga) / min (seconda riga)
<b>M2 mx/mn</b>	momento flettente in campata M2 max (prima riga) / min (seconda riga)
<b>D2/D3</b>	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
<b>Q2/Q3</b>	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
<b>Pos.</b>	ascissa del punto iniziale e finale dell'elemento
<b>N, V2, ecc..</b>	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
5	6	4.522e+05	9.562e+04	-0.06	0.0	0.0	-6801.44	2267.19	-583.77	-9258.84	9.562e+04	-4.094e+05
		-4.094e+05	-1.264e+05	0.04	0.0	190.0	-5946.44	2267.19	-583.77	-9258.84	-1.540e+04	2.142e+04
						380.0	-5091.44	2267.19	-583.77	-9258.84	-1.264e+05	4.522e+05
5	9	4.451e+05	1.065e+05	-0.05	0.0	0.0	-6879.63	2180.59	-621.59	-2.020e+04	1.065e+05	-3.835e+05
		-3.835e+05	-1.295e+05	0.05	0.0	190.0	-6024.63	2180.59	-621.59	-2.020e+04	-1.149e+04	3.082e+04
						380.0	-5169.63	2180.59	-621.59	-2.020e+04	-1.295e+05	4.451e+05
5	12	2.970e+05	-1.245e+04	0.06	0.0	0.0	-6125.68	625.63	-64.47	1.526e+04	-1.245e+04	5.928e+04
		5.928e+04	-3.709e+04	-0.04	0.0	190.0	-5270.68	625.63	-64.47	1.526e+04	-2.477e+04	1.781e+05
						380.0	-4415.68	625.63	-64.47	1.526e+04	-3.709e+04	2.970e+05
5	14	4.511e+05	1.148e+05	-0.06	0.0	0.0	-6826.58	2243.88	-663.40	-1.788e+04	1.148e+05	-4.016e+05
		-4.016e+05	-1.375e+05	0.06	0.0	190.0	-5971.58	2243.88	-663.40	-1.788e+04	-1.132e+04	2.471e+04
						380.0	-5116.58	2243.88	-663.40	-1.788e+04	-1.375e+05	4.511e+05
5	38	4.098e+05	7.021e+04	-0.03	0.0	0.0	-6645.91	1815.65	-457.83	-5714.65	7.021e+04	-2.802e+05
		-2.802e+05	-1.039e+05	0.03	0.0	190.0	-5790.91	1815.65	-457.83	-5714.65	-1.682e+04	6.482e+04
						380.0	-4935.91	1815.65	-457.83	-5714.65	-1.039e+05	4.098e+05
5	41	4.064e+05	7.548e+04	-0.03	0.0	0.0	-6681.79	1774.31	-476.18	-1.092e+04	7.548e+04	-2.678e+05
		-2.678e+05	-1.054e+05	0.03	0.0	190.0	-5826.79	1774.31	-476.18	-1.092e+04	-1.496e+04	6.931e+04
						380.0	-4971.79	1774.31	-476.18	-1.092e+04	-1.054e+05	4.064e+05
5	44	3.357e+05	1.861e+04	0.03	0.0	0.0	-6323.52	1031.91	-209.87	5978.20	1.861e+04	-5.641e+04
		-5.641e+04	-6.121e+04	-0.01	0.0	190.0	-5468.52	1031.91	-209.87	5978.20	-2.130e+04	1.397e+05
						380.0	-4613.52	1031.91	-209.87	5978.20	-6.121e+04	3.357e+05
5	46	4.092e+05	7.937e+04	-0.03	0.0	0.0	-6657.74	1804.11	-495.76	-9826.66	7.937e+04	-2.764e+05
		-2.764e+05	-1.091e+05	0.03	0.0	190.0	-5802.74	1804.11	-495.76	-9826.66	-1.488e+04	6.644e+04
						380.0	-4947.74	1804.11	-495.76	-9826.66	-1.091e+05	4.092e+05
5	70	4.065e+05	6.826e+04	-0.03	0.0	0.0	-6633.90	1781.02	-448.19	-5442.32	6.826e+04	-2.702e+05
		-2.702e+05	-1.021e+05	0.03	0.0	190.0	-5778.90	1781.02	-448.19	-5442.32	-1.693e+04	6.815e+04
						380.0	-4923.90	1781.02	-448.19	-5442.32	-1.021e+05	4.065e+05
5	73	4.035e+05	7.309e+04	-0.03	0.0	0.0	-6666.73	1743.15	-465.01	-1.021e+04	7.309e+04	-2.589e+05
		-2.589e+05	-1.035e+05	0.03	0.0	190.0	-5811.73	1743.15	-465.01	-1.021e+04	-1.523e+04	7.227e+04
						380.0	-4956.73	1743.15	-465.01	-1.021e+04	-1.035e+05	4.035e+05
5	76	3.387e+05	2.100e+04	0.03	0.0	0.0	-6338.57	1063.08	-221.05	5268.59	2.100e+04	-6.528e+04
		-6.528e+04	-6.306e+04	-0.01	0.0	190.0	-5483.57	1063.08	-221.05	5268.59	-2.103e+04	1.367e+05
						380.0	-4628.57	1063.08	-221.05	5268.59	-6.306e+04	3.387e+05
5	78	4.060e+05	7.665e+04	-0.03	0.0	0.0	-6644.73	1770.44	-482.93	-9208.98	7.665e+04	-2.668e+05
		-2.668e+05	-1.070e+05	0.03	0.0	190.0	-5789.73	1770.44	-482.93	-9208.98	-1.515e+04	6.963e+04
						380.0	-4934.73	1770.44	-482.93	-9208.98	-1.070e+05	4.060e+05
10	6	9.004e+04	7305.23	-0.07	0.0	0.0	-6293.95	434.10	-45.79	690.30	7305.23	-5.755e+04
		-5.755e+04	-8546.98	0.01	0.0	170.0	-6028.32	434.10	-45.79	690.30	-620.87	1.624e+04
						340.0	-5762.70	434.10	-45.79	690.30	-8546.98	9.004e+04
10	13	8.638e+04	6202.67	-0.06	0.0	0.0	-6063.19	411.13	-45.33	774.69	6202.67	-5.341e+04
		-5.341e+04	-9272.89	-8.48e-03	0.0	170.0	-5797.56	411.13	-45.33	774.69	-1535.11	1.648e+04
						340.0	-5531.94	411.13	-45.33	774.69	-9272.89	8.638e+04
10	14	8.866e+04	9382.07	-0.07	0.0	0.0	-6183.86	424.80	-63.05	866.29	9382.07	-5.577e+04
		-5.577e+04	-1.215e+04	2.79e-03	0.0	170.0	-5918.24	424.80	-63.05	866.29	-1381.89	1.645e+04
						340.0	-5652.61	424.80	-63.05	866.29	-1.215e+04	8.866e+04
10	16	3.930e+04	652.82	0.05	0.0	0.0	-6888.53	133.31	6.94	-621.62	-1769.51	-6021.27
		-6021.27	-1769.51	9.17e-03	0.0	170.0	-6622.90	133.31	6.94	-621.62	-558.35	1.664e+04
						340.0	-6357.28	133.31	6.94	-621.62	652.82	3.930e+04
10	38	7.582e+04	4602.29	-0.05	0.0	0.0	-6387.92	349.47	-31.58	368.62	4602.29	-4.300e+04
		-4.300e+04	-6269.24	5.90e-03	0.0	170.0	-6122.30	349.47	-31.58	368.62	-833.47	1.641e+04
						340.0	-5856.67	349.47	-31.58	368.62	-6269.24	7.582e+04
10	45	7.407e+04	4108.88	-0.04	0.0	0.0	-6280.25	338.50	-31.61	409.54	4108.88	-4.102e+04
		-4.102e+04	-6668.70	-3.82e-03	0.0	170.0	-6014.63	338.50	-31.61	409.54	-1279.91	1.652e+04
						340.0	-5749.00	338.50	-31.61	409.54	-6668.70	7.407e+04
10	46	7.515e+04	5590.64	-0.04	0.0	0.0	-6335.45	344.95	-39.85	452.38	5590.64	-4.213e+04
		-4.213e+04	-8003.48	2.35e-03	0.0	170.0	-6069.83	344.95	-39.85	452.38	-1206.42	1.651e+04
						340.0	-5804.20	344.95	-39.85	452.38	-8003.48	7.515e+04
10	48	5.161e+04	324.28	0.03	0.0	0.0	-6671.46	205.94	-6.78	-256.47	324.28	-1.841e+04
		-1.841e+04	-1951.37	4.64e-03	0.0	170.0	-6405.84	205.94	-6.78	-256.47	-813.55	1.660e+04
						340.0	-6140.21	205.94	-6.78	-256.47	-1951.37	5.161e+04
10	70	7.473e+04	4401.01	-0.04	0.0	0.0	-6395.28	342.98	-30.53	344.08	4401.01	-4.188e+04
		-4.188e+04	-6103.30	5.53e-03	0.0	170.0	-6129.65	342.98	-30.53	344.08	-851.15	1.642e+04
						340.0	-5864.03	342.98	-30.53	344.08	-6103.30	7.473e+04
10	77	7.313e+04	3949.77	-0.04	0.0	0.0	-6296.71	332.94	-30.57	381.58	3949.77	-4.007e+04
		-4.007e+04	-6470.44	-3.47e-03	0.0	170.0	-6031.08	332.94	-30.57	381.58	-1260.33	1.653e+04
						340.0	-5765.46	332.94	-30.57	381.58	-6470.44	7.313e+04
10	78	7.412e+04	5306.30	-0.04	0.0	0.0	-6347.22	338.84	-38.11	420.80	5306.30	-4.109e+04
		-4.109e+04	-7692.32	2.32e-03	0.0	170.0	-6081.59	338.84	-38.11	420.80	-1193.01	1.651e+04
						340.0	-5815.97	338.84	-38.11	420.80	-7692.32	7.412e+04
10	80	5.255e+04	483.39	0.03	0.0	0.0	-6655.01	211.50	-7.82	-228.51	483.39	-1.936e+04
		-1.936e+04	-2149.63	4.37e-03	0.0	170.0	-6389.39	211.50	-7.82	-228.51	-833.12	1.659e+04
						340.0	-6123.76	211.50	-7.82	-228.51	-2149.63	5.255e+04

12	5	4.987e+04	1.176e+04	-0.07	0.0	0.0	-2.086e+04	214.91	-63.82	46.40	1.176e+04	-3.611e+04
		-3.611e+04	-1.376e+04	0.03	0.0	200.0	-2.055e+04	214.91	-63.82	46.40	-996.10	6883.63
						400.0	-2.024e+04	214.91	-63.82	46.40	-1.376e+04	4.987e+04
12	6	4.691e+04	1.575e+04	-0.07	0.0	0.0	-2.208e+04	200.89	-82.11	-131.92	1.575e+04	-3.343e+04
		-3.343e+04	-1.712e+04	0.04	0.0	200.0	-2.177e+04	200.89	-82.11	-131.92	-683.73	6739.81
						400.0	-2.146e+04	200.89	-82.11	-131.92	-1.712e+04	4.691e+04
12	26	3.099e+04	1.370e+04	-0.03	0.0	0.0	-2.254e+04	119.12	-75.25	-512.16	1.370e+04	-1.661e+04
		-1.661e+04	-1.645e+04	0.03	0.0	200.0	-2.223e+04	119.12	-75.25	-512.16	-1375.89	7186.92
						400.0	-2.191e+04	119.12	-75.25	-512.16	-1.645e+04	3.099e+04
12	27	3.018e+04	-1315.12	0.02	0.0	0.0	-1.764e+04	109.79	9.92	-65.37	-5330.48	-1.379e+04
		-1.379e+04	-5330.48	-0.04	0.0	200.0	-1.733e+04	109.79	9.92	-65.37	-3322.80	8193.39
						400.0	-1.702e+04	109.79	9.92	-65.37	-1315.12	3.018e+04
12	37	3.978e+04	7823.05	-0.04	0.0	0.0	-2.047e+04	162.38	-47.63	-130.25	7823.05	-2.518e+04
		-2.518e+04	-1.122e+04	0.01	0.0	200.0	-2.015e+04	162.38	-47.63	-130.25	-1700.87	7303.94
						400.0	-1.984e+04	162.38	-47.63	-130.25	-1.122e+04	3.978e+04
12	38	3.840e+04	9686.48	-0.04	0.0	0.0	-2.102e+04	155.81	-56.19	-213.36	9686.48	-2.392e+04
		-2.392e+04	-1.280e+04	0.02	0.0	200.0	-2.071e+04	155.81	-56.19	-213.36	-1555.75	7237.54
						400.0	-2.040e+04	155.81	-56.19	-213.36	-1.280e+04	3.840e+04
12	58	3.082e+04	8660.73	-0.03	0.0	0.0	-2.122e+04	116.90	-52.70	-392.20	8660.73	-1.591e+04
		-1.591e+04	-1.244e+04	0.02	0.0	200.0	-2.091e+04	116.90	-52.70	-392.20	-1891.17	7453.66
						400.0	-2.059e+04	116.90	-52.70	-392.20	-1.244e+04	3.082e+04
12	59	3.034e+04	-293.35	-0.01	0.0	0.0	-1.896e+04	112.02	-12.63	-185.33	-293.35	-1.449e+04
		-1.449e+04	-5321.69	-0.02	0.0	200.0	-1.865e+04	112.02	-12.63	-185.33	-2807.52	7926.66
						400.0	-1.834e+04	112.02	-12.63	-185.33	-5321.69	3.034e+04
12	69	3.901e+04	7517.99	-0.04	0.0	0.0	-2.043e+04	158.36	-46.37	-143.59	7517.99	-2.434e+04
		-2.434e+04	-1.103e+04	0.01	0.0	200.0	-2.012e+04	158.36	-46.37	-143.59	-1755.27	7336.32
						400.0	-1.981e+04	158.36	-46.37	-143.59	-1.103e+04	3.901e+04
12	70	3.774e+04	9224.07	-0.04	0.0	0.0	-2.095e+04	152.34	-54.21	-219.68	9224.07	-2.319e+04
		-2.319e+04	-1.247e+04	0.02	0.0	200.0	-2.063e+04	152.34	-54.21	-219.68	-1622.43	7275.55
						400.0	-2.032e+04	152.34	-54.21	-219.68	-1.247e+04	3.774e+04
12	90	3.080e+04	8283.36	-0.03	0.0	0.0	-2.112e+04	116.70	-51.01	-383.44	8283.36	-1.585e+04
		-1.585e+04	-1.214e+04	0.02	0.0	200.0	-2.081e+04	116.70	-51.01	-383.44	-1929.78	7473.59
						400.0	-2.050e+04	116.70	-51.01	-383.44	-1.214e+04	3.080e+04
12	91	3.036e+04	84.01	-0.01	0.0	0.0	-1.906e+04	112.22	-14.32	-194.09	84.01	-1.455e+04
		-1.455e+04	-5621.82	-0.02	0.0	200.0	-1.874e+04	112.22	-14.32	-194.09	-2768.90	7906.72
						400.0	-1.843e+04	112.22	-14.32	-194.09	-5621.82	3.036e+04
13	2	9756.96	1.652e+04	-0.05	0.0	0.0	-1.862e+04	58.43	-88.71	810.14	1.652e+04	-1.361e+04
		-1.361e+04	-1.897e+04	0.04	0.0	200.0	-1.831e+04	58.43	-88.71	810.14	-1223.98	-1924.81
						400.0	-1.800e+04	58.43	-88.71	810.14	-1.897e+04	9756.96
13	8	2.502e+04	-475.40	0.06	0.0	0.0	-2.135e+04	-132.85	9.78	-921.63	-4388.30	2.502e+04
		-2.813e+04	-4388.30	-0.03	0.0	200.0	-2.104e+04	-132.85	9.78	-921.63	-2431.85	-1551.99
						400.0	-2.073e+04	-132.85	9.78	-921.63	-475.40	-2.813e+04
13	17	110.62	-1002.91	-0.01	0.0	0.0	-1.678e+04	11.00	4.65	62.60	-2861.71	-4318.65
		-4318.65	-2861.71	-0.02	0.0	200.0	-1.647e+04	11.00	4.65	62.60	-1932.31	-2104.02
						400.0	-1.615e+04	11.00	4.65	62.60	-1002.91	110.62
13	20	1.364e+04	9507.26	0.02	0.0	0.0	-2.203e+04	-75.68	-56.82	-254.19	9507.26	1.364e+04
		-1.666e+04	-1.322e+04	0.02	0.0	200.0	-2.172e+04	-75.68	-56.82	-254.19	-1856.16	-1510.77
						400.0	-2.140e+04	-75.68	-56.82	-254.19	-1.322e+04	-1.666e+04
13	34	345.01	9589.06	-0.02	0.0	0.0	-1.905e+04	11.06	-55.82	336.89	9589.06	-4073.82
		-4073.82	-1.274e+04	0.02	0.0	200.0	-1.874e+04	11.06	-55.82	336.89	-1574.57	-1864.40
						400.0	-1.842e+04	11.06	-55.82	336.89	-1.274e+04	345.01
13	40	1.438e+04	-383.67	0.03	0.0	0.0	-2.029e+04	-80.32	-8.84	-490.54	-383.67	1.438e+04
		-1.775e+04	-3920.21	-0.01	0.0	200.0	-1.998e+04	-80.32	-8.84	-490.54	-2151.94	-1686.34
						400.0	-1.967e+04	-80.32	-8.84	-490.54	-3920.21	-1.775e+04
13	49	400.28	470.87	-3.61e-03	0.0	0.0	-1.820e+04	-11.77	-11.90	-19.68	470.87	400.28
		-4292.02	-4290.79	-9.80e-03	0.0	200.0	-1.789e+04	-11.77	-11.90	-19.68	-1909.96	-1945.87
						400.0	-1.758e+04	-11.77	-11.90	-19.68	-4290.79	-4292.02
13	52	8921.39	6174.68	0.01	0.0	0.0	-2.061e+04	-52.92	-40.27	-171.91	6174.68	8921.39
		-1.226e+04	-9931.70	0.01	0.0	200.0	-2.029e+04	-52.92	-40.27	-171.91	-1878.51	-1668.92
						400.0	-1.998e+04	-52.92	-40.27	-171.91	-9931.70	-1.226e+04
13	66	-378.54	9062.27	-0.02	0.0	0.0	-1.908e+04	7.41	-53.32	300.57	9062.27	-3340.77
		-3340.77	-1.227e+04	0.02	0.0	200.0	-1.877e+04	7.41	-53.32	300.57	-1601.44	-1859.65
						400.0	-1.845e+04	7.41	-53.32	300.57	-1.227e+04	-378.54
13	72	1.356e+04	-73.15	0.03	0.0	0.0	-2.022e+04	-76.29	-10.29	-457.41	-73.15	1.356e+04
		-1.696e+04	-4187.43	-0.01	0.0	200.0	-1.991e+04	-76.29	-10.29	-457.41	-2130.29	-1696.51
						400.0	-1.959e+04	-76.29	-10.29	-457.41	-4187.43	-1.696e+04
13	81	758.57	712.65	-3.06e-03	0.0	0.0	-1.830e+04	-13.50	-13.11	-26.06	712.65	758.57
		-4626.92	-4529.86	-9.07e-03	0.0	200.0	-1.799e+04	-13.50	-13.11	-26.06	-1908.61	-1934.17
						400.0	-1.768e+04	-13.50	-13.11	-26.06	-4529.86	-4626.92
13	84	8563.09	5932.90	0.01	0.0	0.0	-2.050e+04	-51.19	-39.06	-165.53	5932.90	8563.09
		-1.192e+04	-9692.63	9.98e-03	0.0	200.0	-2.019e+04	-51.19	-39.06	-165.53	-1879.86	-1680.61
						400.0	-1.988e+04	-51.19	-39.06	-165.53	-9692.63	-1.192e+04
21	5	4.012e+04	3.024e+04	-0.06	0.0	0.0	-1.466e+04	243.33	-232.60	490.95	3.024e+04	-4.897e+04
		-4.897e+04	-4.419e+04	0.03	0.0	160.0	-1.441e+04	243.33	-232.60	490.95	-6973.17	-4422.87
						320.0	-1.416e+04	243.33	-232.60	490.95	-4.419e+04	4.012e+04
21	6	5.818e+04	3.724e+04	-0.07	0.0	0.0	-1.353e+04	334.05	-276.04	53.73	3.724e+04	-3.783e+04
		-3.783e+04	-5.110e+04	0.05	0.0	160.0	-1.328e+04	334.05	-276.04	53.73	-6933.53	1.018e+04

						320.0	-1.303e+04	334.05	-276.04	53.73	-5.110e+04	5.818e+04
21	26	5.368e+04	3.123e+04	-0.06	0.0	0.0	-1.259e+04	277.90	-239.40	-685.86	3.123e+04	1542.18
		1542.18	-4.540e+04	0.04	0.0	160.0	-1.234e+04	277.90	-239.40	-685.86	-7084.15	2.761e+04
						320.0	-1.209e+04	277.90	-239.40	-685.86	-4.540e+04	5.368e+04
21	27	-1.296e+04	-4237.20	0.05	0.0	0.0	-1.671e+04	-163.31	-19.74	574.86	-4237.20	-1.296e+04
		-2.844e+04	-1.053e+04	-0.04	0.0	160.0	-1.646e+04	-163.31	-19.74	574.86	-7385.01	-2.070e+04
						320.0	-1.621e+04	-163.31	-19.74	574.86	-1.053e+04	-2.844e+04
21	37	2.584e+04	2.153e+04	-0.03	0.0	0.0	-1.466e+04	146.60	-178.99	202.76	2.153e+04	-2.632e+04
		-2.632e+04	-3.575e+04	0.02	0.0	160.0	-1.441e+04	146.60	-178.99	202.76	-7109.49	-239.68
						320.0	-1.416e+04	146.60	-178.99	202.76	-3.575e+04	2.584e+04
21	38	3.430e+04	2.480e+04	-0.04	0.0	0.0	-1.412e+04	189.06	-199.32	-2.78	2.480e+04	-2.111e+04
		-2.111e+04	-3.898e+04	0.03	0.0	160.0	-1.387e+04	189.06	-199.32	-2.78	-7091.73	6595.03
						320.0	-1.362e+04	189.06	-199.32	-2.78	-3.898e+04	3.430e+04
21	58	3.195e+04	2.185e+04	-0.03	0.0	0.0	-1.369e+04	161.23	-181.31	-351.41	2.185e+04	-2426.81
		-2426.81	-3.618e+04	0.02	0.0	160.0	-1.344e+04	161.23	-181.31	-351.41	-7164.78	1.476e+04
						320.0	-1.319e+04	161.23	-181.31	-351.41	-3.618e+04	3.195e+04
21	59	-6708.18	5142.42	0.02	0.0	0.0	-1.562e+04	-46.65	-77.83	240.42	5142.42	-8993.94
		-8993.94	-1.975e+04	-0.02	0.0	160.0	-1.537e+04	-46.65	-77.83	240.42	-7304.38	-7851.06
						320.0	-1.512e+04	-46.65	-77.83	240.42	-1.975e+04	-6708.18
21	69	2.473e+04	2.086e+04	-0.03	0.0	0.0	-1.466e+04	139.11	-174.85	181.01	2.086e+04	-2.459e+04
		-2.459e+04	-3.509e+04	0.02	0.0	160.0	-1.441e+04	139.11	-174.85	181.01	-7119.88	71.94
						320.0	-1.416e+04	139.11	-174.85	181.01	-3.509e+04	2.473e+04
21	70	3.248e+04	2.385e+04	-0.03	0.0	0.0	-1.417e+04	177.99	-193.45	-7.19	2.385e+04	-1.982e+04
		-1.982e+04	-3.806e+04	0.03	0.0	160.0	-1.392e+04	177.99	-193.45	-7.19	-7103.64	6329.76
						320.0	-1.367e+04	177.99	-193.45	-7.19	-3.806e+04	3.248e+04
21	90	3.033e+04	2.115e+04	-0.03	0.0	0.0	-1.377e+04	152.48	-176.95	-326.45	2.115e+04	-2706.45
		-2706.45	-3.549e+04	0.02	0.0	160.0	-1.352e+04	152.48	-176.95	-326.45	-7170.66	1.381e+04
						320.0	-1.327e+04	152.48	-176.95	-326.45	-3.549e+04	3.033e+04
21	91	-5078.77	5846.38	0.02	0.0	0.0	-1.554e+04	-37.89	-82.19	215.46	5846.38	-8714.30
		-8714.30	-2.044e+04	-0.02	0.0	160.0	-1.529e+04	-37.89	-82.19	215.46	-7298.49	-6896.53
						320.0	-1.504e+04	-37.89	-82.19	215.46	-2.044e+04	-5078.77
22	2	1.195e+05	3.670e+04	-0.09	0.0	0.0	-1.072e+04	624.27	-265.69	-309.80	3.670e+04	-8.009e+04
		-8.009e+04	-4.834e+04	0.05	0.0	160.0	-1.047e+04	624.27	-265.69	-309.80	-5817.62	1.969e+04
						320.0	-1.022e+04	624.27	-265.69	-309.80	-4.834e+04	1.195e+05
22	5	1.246e+05	2.753e+04	-0.09	0.0	0.0	-1.137e+04	651.27	-208.28	-501.42	2.753e+04	-8.405e+04
		-8.405e+04	-3.912e+04	0.03	0.0	160.0	-1.112e+04	651.27	-208.28	-501.42	-5791.49	2.029e+04
						320.0	-1.087e+04	651.27	-208.28	-501.42	-3.912e+04	1.246e+05
22	18	8.464e+04	3.396e+04	-0.05	0.0	0.0	-1.047e+04	411.05	-248.53	-618.45	3.396e+04	-4.616e+04
		-4.616e+04	-4.561e+04	0.05	0.0	160.0	-1.022e+04	411.05	-248.53	-618.45	-5822.56	1.924e+04
						320.0	-9973.41	411.05	-248.53	-618.45	-4.561e+04	8.464e+04
22	19	7.575e+04	-2430.28	0.03	0.0	0.0	-1.316e+04	336.07	20.37	-1640.36	-8986.71	-3.253e+04
		-3.253e+04	-8986.71	-0.04	0.0	160.0	-1.291e+04	336.07	20.37	-1640.36	-5708.49	2.161e+04
						320.0	-1.266e+04	336.07	20.37	-1640.36	-2430.28	7.575e+04
22	34	9.899e+04	2.399e+04	-0.06	0.0	0.0	-1.130e+04	493.46	-186.11	-739.35	2.399e+04	-5.883e+04
		-5.883e+04	-3.557e+04	0.03	0.0	160.0	-1.105e+04	493.46	-186.11	-739.35	-5788.93	2.008e+04
						320.0	-1.080e+04	493.46	-186.11	-739.35	-3.557e+04	9.899e+04
22	37	1.014e+05	1.971e+04	-0.06	0.0	0.0	-1.161e+04	506.08	-159.32	-828.59	1.971e+04	-6.068e+04
		-6.068e+04	-3.127e+04	0.02	0.0	160.0	-1.136e+04	506.08	-159.32	-828.59	-5777.47	2.035e+04
						320.0	-1.111e+04	506.08	-159.32	-828.59	-3.127e+04	1.014e+05
22	50	8.242e+04	2.257e+04	-0.04	0.0	0.0	-1.119e+04	391.94	-177.18	-889.23	2.257e+04	-4.266e+04
		-4.266e+04	-3.415e+04	0.03	0.0	160.0	-1.094e+04	391.94	-177.18	-889.23	-5790.87	1.988e+04
						320.0	-1.069e+04	391.94	-177.18	-889.23	-3.415e+04	8.242e+04
22	51	7.797e+04	2407.41	-0.02	0.0	0.0	-1.244e+04	355.18	-50.98	-1369.58	2407.41	-3.603e+04
		-3.603e+04	-1.389e+04	-0.02	0.0	160.0	-1.219e+04	355.18	-50.98	-1369.58	-5740.18	2.097e+04
						320.0	-1.194e+04	355.18	-50.98	-1369.58	-1.389e+04	7.797e+04
22	66	9.741e+04	2.302e+04	-0.06	0.0	0.0	-1.135e+04	483.39	-180.04	-772.12	2.302e+04	-5.719e+04
		-5.719e+04	-3.460e+04	0.03	0.0	160.0	-1.110e+04	483.39	-180.04	-772.12	-5786.53	2.011e+04
						320.0	-1.085e+04	483.39	-180.04	-772.12	-3.460e+04	9.741e+04
22	69	9.961e+04	1.911e+04	-0.06	0.0	0.0	-1.162e+04	494.95	-155.52	-853.82	1.911e+04	-5.889e+04
		-5.889e+04	-3.066e+04	0.02	0.0	160.0	-1.137e+04	494.95	-155.52	-853.82	-5776.10	2.036e+04
						320.0	-1.112e+04	494.95	-155.52	-853.82	-3.066e+04	9.961e+04
22	82	8.224e+04	2.172e+04	-0.04	0.0	0.0	-1.125e+04	390.41	-171.86	-909.48	2.172e+04	-4.238e+04
		-4.238e+04	-3.329e+04	0.02	0.0	160.0	-1.100e+04	390.41	-171.86	-909.48	-5788.50	1.993e+04
						320.0	-1.075e+04	390.41	-171.86	-909.48	-3.329e+04	8.224e+04
22	83	7.815e+04	3257.77	-0.02	0.0	0.0	-1.239e+04	356.72	-56.30	-1349.33	3257.77	-3.631e+04
		-3.631e+04	-1.474e+04	-0.02	0.0	160.0	-1.214e+04	356.72	-56.30	-1349.33	-5742.55	2.092e+04
						320.0	-1.189e+04	356.72	-56.30	-1349.33	-1.474e+04	7.815e+04
24	6	3.277e+04	5.080e+04	-0.06	0.0	0.0	-6258.69	-369.58	-507.25	1747.25	5.080e+04	3.277e+04
		-8.291e+04	-1.019e+05	0.06	0.0	150.0	-6074.61	-369.58	-507.25	1747.25	-2.556e+04	-2.507e+04
						300.0	-5890.54	-369.58	-507.25	1747.25	-1.019e+05	-8.291e+04
24	7	6.875e+04	2.739e+04	0.11	0.0	0.0	-5912.60	-642.42	-331.68	1324.05	2.739e+04	6.875e+04
		-1.192e+05	-7.157e+04	-0.05	0.0	150.0	-5728.52	-642.42	-331.68	1324.05	-2.209e+04	-2.521e+04
						300.0	-5544.44	-642.42	-331.68	1324.05	-7.157e+04	-1.192e+05
24	8	7.376e+04	2.904e+04	0.11	0.0	0.0	-5755.24	-607.96	-347.10	1067.28	2.904e+04	7.376e+04
		-1.137e+05	-7.471e+04	-0.05	0.0	150.0	-5571.16	-607.96	-347.10	1067.28	-2.283e+04	-1.999e+04
						300.0	-5387.08	-607.96	-347.10	1067.28	-7.471e+04	-1.137e+05
24	25	3.627e+04	3.960e+04	0.05	0.0	0.0	-6423.42	-527.68	-417.78	2065.61	3.960e+04	3.627e+04

		-1.055e+05 -8.559e+04	0.04	0.0	150.0	-6239.35	-527.68	-417.78	2065.61	-2.299e+04 -3.459e+04
					300.0	-6055.27	-527.68	-417.78	2065.61	-8.559e+04 -1.055e+05
24	28	6.525e+04 3.859e+04	0.08	0.0	0.0	-5747.86	-484.32	-421.15	1005.69	3.859e+04 6.525e+04
		-9.662e+04 -8.790e+04	0.04	0.0	150.0	-5563.78	-484.32	-421.15	1005.69	-2.466e+04 -1.568e+04
					300.0	-5379.71	-484.32	-421.15	1005.69	-8.790e+04 -9.662e+04
24	38	4.215e+04 4.468e+04	0.04	0.0	0.0	-6168.53	-441.01	-461.43	1637.53	4.468e+04 4.215e+04
		-9.240e+04 -9.400e+04	0.05	0.0	150.0	-5984.45	-441.01	-461.43	1637.53	-2.466e+04 -2.512e+04
					300.0	-5800.37	-441.01	-461.43	1637.53	-9.400e+04 -9.240e+04
24	39	5.937e+04 3.350e+04	0.08	0.0	0.0	-6002.76	-570.99	-377.50	1433.77	3.350e+04 5.937e+04
		-1.097e+05 -7.949e+04	-0.03	0.0	150.0	-5818.68	-570.99	-377.50	1433.77	-2.299e+04 -2.515e+04
					300.0	-5634.60	-570.99	-377.50	1433.77	-7.949e+04 -1.097e+05
24	40	6.172e+04 3.427e+04	0.08	0.0	0.0	-5928.34	-554.77	-384.74	1313.95	3.427e+04 6.172e+04
		-1.071e+05 -8.097e+04	-0.03	0.0	150.0	-5744.26	-554.77	-384.74	1313.95	-2.335e+04 -2.270e+04
					300.0	-5560.18	-554.77	-384.74	1313.95	-8.097e+04 -1.071e+05
24	57	4.391e+04 3.937e+04	0.05	0.0	0.0	-6245.71	-515.97	-418.90	1783.88	3.937e+04 4.391e+04
		-1.031e+05 -8.623e+04	0.04	0.0	150.0	-6061.64	-515.97	-418.90	1783.88	-2.343e+04 -2.959e+04
					300.0	-5877.56	-515.97	-418.90	1783.88	-8.623e+04 -1.031e+05
24	60	5.761e+04 3.882e+04	0.07	0.0	0.0	-5925.57	-496.03	-420.03	1287.42	3.882e+04 5.761e+04
		-9.898e+04 -8.726e+04	0.04	0.0	150.0	-5741.50	-496.03	-420.03	1287.42	-2.422e+04 -2.068e+04
					300.0	-5557.42	-496.03	-420.03	1287.42	-8.726e+04 -9.898e+04
24	70	4.288e+04 4.421e+04	0.04	0.0	0.0	-6161.57	-446.47	-457.91	1629.00	4.421e+04 4.288e+04
		-9.313e+04 -9.339e+04	0.05	0.0	150.0	-5977.49	-446.47	-457.91	1629.00	-2.459e+04 -2.513e+04
					300.0	-5793.41	-446.47	-457.91	1629.00	-9.339e+04 -9.313e+04
24	71	5.865e+04 3.397e+04	0.08	0.0	0.0	-6009.72	-565.53	-381.02	1442.30	3.397e+04 5.865e+04
		-1.089e+05 -8.010e+04	-0.03	0.0	150.0	-5825.64	-565.53	-381.02	1442.30	-2.306e+04 -2.515e+04
					300.0	-5641.56	-565.53	-381.02	1442.30	-8.010e+04 -1.089e+05
24	72	6.080e+04 3.468e+04	0.08	0.0	0.0	-5941.56	-550.68	-387.65	1332.61	3.468e+04 6.080e+04
		-1.066e+05 -8.145e+04	0.03	0.0	150.0	-5757.48	-550.68	-387.65	1332.61	-2.339e+04 -2.290e+04
					300.0	-5573.41	-550.68	-387.65	1332.61	-8.145e+04 -1.066e+05
24	89	4.449e+04 3.935e+04	0.06	0.0	0.0	-6232.24	-515.12	-418.95	1762.93	3.935e+04 4.449e+04
		-1.029e+05 -8.627e+04	0.04	0.0	150.0	-6048.16	-515.12	-418.95	1762.93	-2.346e+04 -2.922e+04
					300.0	-5864.08	-515.12	-418.95	1762.93	-8.627e+04 -1.029e+05
24	92	5.704e+04 3.884e+04	0.07	0.0	0.0	-5939.05	-496.88	-419.97	1308.37	3.884e+04 5.704e+04
		-9.915e+04 -8.722e+04	0.04	0.0	150.0	-5754.97	-496.88	-419.97	1308.37	-2.419e+04 -2.106e+04
					300.0	-5570.89	-496.88	-419.97	1308.37	-8.722e+04 -9.915e+04
25	5	6.868e+04 1.799e+04	-0.08	0.0	0.0	-2826.09	384.84	72.47	-1681.15	-3633.73 -4.688e+04
		-4.688e+04 -3633.73	0.03	0.0	150.0	-2642.01	384.84	72.47	-1681.15	7176.81 1.090e+04
					300.0	-2457.93	384.84	72.47	-1681.15	1.799e+04 6.868e+04
25	6	6.401e+04 1.502e+04	-0.07	0.0	0.0	-2732.39	354.04	50.29	-2115.37	80.06 -4.218e+04
		-4.218e+04 80.06	0.04	0.0	150.0	-2548.31	354.04	50.29	-2115.37	7550.23 1.091e+04
					300.0	-2364.23	354.04	50.29	-2115.37	1.502e+04 6.401e+04
25	7	2.620e+04 3.581e+04	0.07	0.0	0.0	-3219.64	86.64	205.24	-2419.30	-2.591e+04 192.67
		192.67 -2.591e+04	-0.05	0.0	150.0	-3035.56	86.64	205.24	-2419.30	4953.12 1.320e+04
					300.0	-2851.49	86.64	205.24	-2419.30	3.581e+04 2.620e+04
25	37	5.634e+04 2.185e+04	-0.05	0.0	0.0	-2904.17	298.75	101.22	-1991.28	-8459.99 -3.333e+04
		-3.333e+04 -8459.99	0.01	0.0	150.0	-2720.09	298.75	101.22	-1991.28	6693.68 1.150e+04
					300.0	-2536.01	298.75	101.22	-1991.28	2.185e+04 5.634e+04
25	38	5.416e+04 2.046e+04	-0.04	0.0	0.0	-2859.80	284.37	90.85	-2193.73	-6724.31 -3.114e+04
		-3.114e+04 -6724.31	0.02	0.0	150.0	-2675.72	284.37	90.85	-2193.73	6868.56 1.151e+04
					300.0	-2491.65	284.37	90.85	-2193.73	2.046e+04 5.416e+04
25	39	3.605e+04 3.037e+04	0.04	0.0	0.0	-3092.23	156.32	164.68	-2340.94	-1.910e+04 -1.085e+04
		-1.085e+04 -1.910e+04	-0.03	0.0	150.0	-2908.15	156.32	164.68	-2340.94	5634.79 1.260e+04
					300.0	-2724.07	156.32	164.68	-2340.94	3.037e+04 3.605e+04
25	69	5.540e+04 2.215e+04	-0.05	0.0	0.0	-2910.24	292.16	103.44	-2014.56	-8833.33 -3.230e+04
		-3.230e+04 -8833.33	0.01	0.0	150.0	-2726.16	292.16	103.44	-2014.56	6656.56 1.155e+04
					300.0	-2542.08	292.16	103.44	-2014.56	2.215e+04 5.540e+04
25	70	5.340e+04 2.088e+04	-0.04	0.0	0.0	-2869.62	278.99	93.95	-2199.90	-7244.22 -3.029e+04
		-3.029e+04 -7244.22	0.02	0.0	150.0	-2685.54	278.99	93.95	-2199.90	6816.68 1.156e+04
					300.0	-2501.46	278.99	93.95	-2199.90	2.088e+04 5.340e+04
25	71	3.681e+04 2.996e+04	0.03	0.0	0.0	-3082.41	161.69	161.58	-2334.77	-1.858e+04 -1.170e+04
		-1.170e+04 -1.858e+04	-0.03	0.0	150.0	-2898.33	161.69	161.58	-2334.77	5686.67 1.256e+04
					300.0	-2714.25	161.69	161.58	-2334.77	2.996e+04 3.681e+04
26	3	4.023e+04 4.389e+04	0.09	0.0	0.0	-8256.03	146.66	244.48	-1401.00	-2.953e+04 -3940.92
		-3940.92 -2.953e+04	-0.05	0.0	150.0	-8071.95	146.66	244.48	-1401.00	7177.66 1.815e+04
					300.0	-7887.87	146.66	244.48	-1401.00	4.389e+04 4.023e+04
26	5	9.318e+04 1.965e+04	-0.09	0.0	0.0	-8720.29	514.18	80.06	-869.02	-4377.44 -6.132e+04
		-6.132e+04 -4377.44	0.03	0.0	150.0	-8536.21	514.18	80.06	-869.02	7636.67 1.593e+04
					300.0	-8352.13	514.18	80.06	-869.02	1.965e+04 9.318e+04
26	25	7.905e+04 3.522e+04	-0.04	0.0	0.0	-8811.01	412.63	183.36	-672.38	-1.992e+04 -4.548e+04
		-4.548e+04 -1.992e+04	-0.03	0.0	150.0	-8626.93	412.63	183.36	-672.38	7649.68 1.678e+04
					300.0	-8442.85	412.63	183.36	-672.38	3.522e+04 7.905e+04
26	28	5.069e+04 2.210e+04	-0.03	0.0	0.0	-7951.04	225.61	100.95	-1936.98	-8042.18 -1.625e+04
		-1.625e+04 -8042.18	0.02	0.0	150.0	-7766.96	225.61	100.95	-1936.98	7029.02 1.722e+04
					300.0	-7582.88	225.61	100.95	-1936.98	2.210e+04 5.069e+04
26	35	5.308e+04 3.590e+04	0.05	0.0	0.0	-8320.53	236.63	190.77	-1350.60	-2.137e+04 -1.799e+04
		-1.799e+04 -2.137e+04	-0.03	0.0	150.0	-8136.45	236.63	190.77	-1350.60	7261.91 1.755e+04
					300.0	-7952.37	236.63	190.77	-1350.60	3.590e+04 5.308e+04

26	37	7.838e+04	2.433e+04	-0.06	0.0	0.0	-8541.24	412.20	112.33	-1101.06	-9369.98	-4.539e+04
		-4.539e+04	-9369.98	0.01	0.0	150.0	-8357.16	412.20	112.33	-1101.06	7481.98	1.649e+04
						300.0	-8173.08	412.20	112.33	-1101.06	2.433e+04	7.838e+04
26	57	7.159e+04	3.170e+04	-0.04	0.0	0.0	-8581.79	363.45	161.17	-1010.56	-1.672e+04	-3.779e+04
		-3.779e+04	-1.672e+04	-0.02	0.0	150.0	-8397.71	363.45	161.17	-1010.56	7488.02	1.690e+04
						300.0	-8213.64	363.45	161.17	-1010.56	3.170e+04	7.159e+04
26	60	5.815e+04	2.563e+04	-0.03	0.0	0.0	-8180.25	274.79	123.13	-1598.79	-1.125e+04	-2.394e+04
		-2.394e+04	-1.125e+04	0.01	0.0	150.0	-7996.18	274.79	123.13	-1598.79	7190.68	1.710e+04
						300.0	-7812.10	274.79	123.13	-1598.79	2.563e+04	5.815e+04
26	67	5.408e+04	3.529e+04	0.04	0.0	0.0	-8325.98	243.56	186.69	-1346.75	-2.075e+04	-1.907e+04
		-1.907e+04	-2.075e+04	-0.03	0.0	150.0	-8141.91	243.56	186.69	-1346.75	7268.08	1.750e+04
						300.0	-7957.83	243.56	186.69	-1346.75	3.529e+04	5.408e+04
26	69	7.724e+04	2.470e+04	-0.06	0.0	0.0	-8527.04	404.37	114.82	-1118.25	-9755.59	-4.417e+04
		-4.417e+04	-9755.59	0.01	0.0	150.0	-8342.96	404.37	114.82	-1118.25	7469.78	1.653e+04
						300.0	-8158.88	404.37	114.82	-1118.25	2.470e+04	7.724e+04
26	89	7.102e+04	3.144e+04	-0.04	0.0	0.0	-8564.17	359.71	159.55	-1035.44	-1.649e+04	-3.721e+04
		-3.721e+04	-1.649e+04	-0.02	0.0	150.0	-8380.09	359.71	159.55	-1035.44	7474.61	1.691e+04
						300.0	-8196.01	359.71	159.55	-1035.44	3.144e+04	7.102e+04
26	92	5.872e+04	2.589e+04	-0.03	0.0	0.0	-8197.88	278.53	124.76	-1573.91	-1.148e+04	-2.452e+04
		-2.452e+04	-1.148e+04	-0.01	0.0	150.0	-8013.80	278.53	124.76	-1573.91	7204.09	1.710e+04
						300.0	-7829.72	278.53	124.76	-1573.91	2.589e+04	5.872e+04
27	7	7.518e+04	3.891e+04	0.11	0.0	0.0	-6217.36	-671.14	241.24	816.62	-2.884e+04	7.518e+04
		-1.128e+05	-2.884e+04	-0.05	0.0	140.0	-6045.55	-671.14	241.24	816.62	5039.42	-1.882e+04
						280.0	-5873.75	-671.14	241.24	816.62	3.891e+04	-1.128e+05
27	25	4.502e+04	2.617e+04	0.04	0.0	0.0	-6719.52	-487.17	143.59	2122.88	-1.449e+04	4.502e+04
		-9.158e+04	-1.449e+04	-0.02	0.0	140.0	-6547.71	-487.17	143.59	2122.88	5841.32	-2.328e+04
						280.0	-6375.91	-487.17	143.59	2122.88	2.617e+04	-9.158e+04
27	28	4.014e+04	1.185e+04	0.05	0.0	0.0	-5915.18	-419.79	59.58	2438.60	-4384.02	4.014e+04
		-7.721e+04	-4384.02	0.02	0.0	140.0	-5743.37	-419.79	59.58	2438.60	3733.25	-1.854e+04
						280.0	-5571.56	-419.79	59.58	2438.60	1.185e+04	-7.721e+04
27	39	5.813e+04	2.847e+04	0.07	0.0	0.0	-6269.15	-557.22	168.01	1584.62	-1.867e+04	5.813e+04
		-9.794e+04	-1.867e+04	-0.03	0.0	140.0	-6097.35	-557.22	168.01	1584.62	4904.64	-1.991e+04
						280.0	-5925.54	-557.22	168.01	1584.62	2.847e+04	-9.794e+04
27	57	4.365e+04	2.231e+04	0.04	0.0	0.0	-6507.14	-468.83	120.87	2215.02	-1.174e+04	4.365e+04
		-8.771e+04	-1.174e+04	-0.02	0.0	140.0	-6335.34	-468.83	120.87	2215.02	5286.90	-2.203e+04
						280.0	-6163.53	-468.83	120.87	2215.02	2.231e+04	-8.771e+04
27	60	4.151e+04	1.570e+04	0.04	0.0	0.0	-6127.55	-438.13	82.31	2346.45	-7128.78	4.151e+04
		-8.108e+04	-7128.78	7.15e-03	0.0	140.0	-5955.75	-438.13	82.31	2346.45	4287.67	-1.978e+04
						280.0	-5783.94	-438.13	82.31	2346.45	1.570e+04	-8.108e+04
27	71	5.682e+04	2.768e+04	0.07	0.0	0.0	-6273.57	-548.52	162.44	1643.22	-1.789e+04	5.682e+04
		-9.681e+04	-1.789e+04	-0.03	0.0	140.0	-6101.76	-548.52	162.44	1643.22	4894.43	-1.999e+04
						280.0	-5929.95	-548.52	162.44	1643.22	2.768e+04	-9.681e+04
27	89	4.356e+04	2.203e+04	0.04	0.0	0.0	-6490.59	-467.52	119.21	2220.75	-1.154e+04	4.356e+04
		-8.743e+04	-1.154e+04	-0.02	0.0	140.0	-6318.79	-467.52	119.21	2220.75	5243.83	-2.194e+04
						280.0	-6146.98	-467.52	119.21	2220.75	2.203e+04	-8.743e+04
27	92	4.160e+04	1.599e+04	0.04	0.0	0.0	-6144.10	-439.44	83.96	2340.73	-7326.28	4.160e+04
		-8.136e+04	-7326.28	6.52e-03	0.0	140.0	-5972.29	-439.44	83.96	2340.73	4330.74	-1.988e+04
						280.0	-5800.49	-439.44	83.96	2340.73	1.599e+04	-8.136e+04
28	2	9961.88	3978.89	-0.08	0.0	0.0	-5139.01	87.19	-6.64	1315.57	3978.89	-1.793e+04
		-1.793e+04	1841.04	0.01	0.0	160.0	-4942.66	87.19	-6.64	1315.57	2909.97	-3985.17
						320.0	-4746.32	87.19	-6.64	1315.57	1841.04	9961.88
28	3	2.917e+04	2.044e+04	0.09	0.0	0.0	-8440.07	-192.11	109.13	-1030.23	-1.450e+04	2.917e+04
		-3.230e+04	-1.450e+04	-0.02	0.0	160.0	-8243.72	-192.11	109.13	-1030.23	2970.28	-1564.04
						320.0	-8047.37	-192.11	109.13	-1030.23	2.044e+04	-3.230e+04
28	7	3.247e+04	2.031e+04	0.09	0.0	0.0	-8409.92	-215.87	108.23	-1026.28	-1.434e+04	3.247e+04
		-3.666e+04	-1.434e+04	-0.02	0.0	160.0	-8213.57	-215.87	108.23	-1026.28	2982.15	-2095.94
						320.0	-8017.22	-215.87	108.23	-1026.28	2.031e+04	-3.666e+04
28	34	-1051.42	6725.33	-0.04	0.0	0.0	-6011.57	14.37	23.76	701.15	-873.81	-5646.91
		-5646.91	-873.81	7.30e-03	0.0	160.0	-5815.22	14.37	23.76	701.15	2925.76	-3349.17
						320.0	-5618.88	14.37	23.76	701.15	6725.33	-1051.42
28	35	1.689e+04	1.555e+04	0.04	0.0	0.0	-7567.51	-119.30	78.72	-415.80	-9643.67	1.689e+04
		-2.129e+04	-9643.67	-0.01	0.0	160.0	-7371.16	-119.30	78.72	-415.80	2954.49	-2200.04
						320.0	-7174.81	-119.30	78.72	-415.80	1.555e+04	-2.129e+04
28	39	1.843e+04	1.549e+04	0.04	0.0	0.0	-7553.08	-130.37	78.31	-414.07	-9572.11	1.843e+04
		-2.331e+04	-9572.11	-0.01	0.0	160.0	-7356.73	-130.37	78.31	-414.07	2959.93	-2442.08
						320.0	-7160.38	-130.37	78.31	-414.07	1.549e+04	-2.331e+04
28	66	-1899.89	7096.73	-0.04	0.0	0.0	-6077.13	8.76	26.08	654.22	-1242.65	-4701.67
		-4701.67	-1242.65	6.81e-03	0.0	160.0	-5880.78	8.76	26.08	654.22	2927.04	-3300.78
						320.0	-5684.43	8.76	26.08	654.22	7096.73	-1899.89
28	67	1.594e+04	1.518e+04	0.04	0.0	0.0	-7501.96	-113.69	76.41	-368.88	-9274.83	1.594e+04
		-2.044e+04	-9274.83	-0.01	0.0	160.0	-7305.61	-113.69	76.41	-368.88	2953.21	-2248.42
						320.0	-7109.26	-113.69	76.41	-368.88	1.518e+04	-2.044e+04
28	71	1.735e+04	1.513e+04	0.04	0.0	0.0	-7488.73	-123.83	76.03	-367.29	-9209.33	1.735e+04
		-2.229e+04	-9209.33	-0.01	0.0	160.0	-7292.38	-123.83	76.03	-367.29	2958.19	-2469.86
						320.0	-7096.03	-123.83	76.03	-367.29	1.513e+04	-2.229e+04
29	3	3.089e+04	2.079e+04	0.12	0.0	0.0	-7583.07	-168.28	107.54	-2046.75	-1.363e+04	3.089e+04
		-2.306e+04	-1.363e+04	-0.02	0.0	160.0	-7386.72	-168.28	107.54	-2046.75	3576.59	3914.73

						320.0	-7190.37	-168.28	107.54	-2046.75	2.079e+04	-2.306e+04
29	6	2.879e+04	4975.61	-0.12	0.0	0.0	-7064.91	196.90	-23.37	2117.23	4975.61	-3.432e+04
		-3.432e+04	-2515.18	0.02	0.0	160.0	-6868.56	196.90	-23.37	2117.23	1230.21	-2763.38
						320.0	-6672.21	196.90	-23.37	2117.23	-2515.18	2.879e+04
29	7	3.135e+04	2.064e+04	0.12	0.0	0.0	-7587.02	-170.68	106.54	-2043.31	-1.347e+04	3.135e+04
		-2.336e+04	-1.347e+04	-0.02	0.0	160.0	-7390.67	-170.68	106.54	-2043.31	3584.34	3993.77
						320.0	-7194.32	-170.68	106.54	-2043.31	2.064e+04	-2.336e+04
29	26	1.594e+04	3774.22	-0.05	0.0	0.0	-6967.33	100.01	-11.48	1267.16	3774.22	-1.632e+04
		-1.632e+04	84.63	0.02	0.0	160.0	-6770.98	100.01	-11.48	1267.16	1929.43	-186.93
						320.0	-6574.63	100.01	-11.48	1267.16	84.63	1.594e+04
29	27	1.335e+04	1.804e+04	0.05	0.0	0.0	-7684.60	-73.79	94.64	-1193.24	-1.227e+04	1.335e+04
		-1.052e+04	-1.227e+04	-0.02	0.0	160.0	-7488.25	-73.79	94.64	-1193.24	2885.12	1417.32
						320.0	-7291.90	-73.79	94.64	-1193.24	1.804e+04	-1.052e+04
29	35	1.397e+04	1.463e+04	0.06	0.0	0.0	-7444.24	-73.44	72.92	-955.23	-8703.84	1.397e+04
		-9573.53	-8703.84	-0.01	0.0	160.0	-7247.89	-73.44	72.92	-955.23	2965.56	2198.91
						320.0	-7051.54	-73.44	72.92	-955.23	1.463e+04	-9573.53
29	38	1.515e+04	3556.09	-0.06	0.0	0.0	-7205.90	100.82	10.71	1027.75	134.46	-1.716e+04
		-1.716e+04	134.46	0.01	0.0	160.0	-7009.55	100.82	10.71	1027.75	1845.27	-1005.86
						320.0	-6813.20	100.82	10.71	1027.75	3556.09	1.515e+04
29	58	8960.04	4840.86	-0.02	0.0	0.0	-7162.04	54.30	16.65	616.95	-480.30	-8535.33
		-8535.33	-480.30	0.01	0.0	160.0	-6965.69	54.30	16.65	616.95	2180.28	212.36
						320.0	-6769.34	54.30	16.65	616.95	4840.86	8960.04
29	59	5570.06	1.328e+04	0.02	0.0	0.0	-7489.88	-28.08	66.52	-543.03	-8012.16	5570.06
		-3533.99	-8012.16	-0.01	0.0	160.0	-7293.53	-28.08	66.52	-543.03	2634.27	1018.03
						320.0	-7097.19	-28.08	66.52	-543.03	1.328e+04	-3533.99
29	67	1.267e+04	1.417e+04	0.05	0.0	0.0	-7434.20	-66.18	70.28	-871.87	-8329.05	1.267e+04
		-8541.84	-8329.05	-0.01	0.0	160.0	-7237.85	-66.18	70.28	-871.87	2918.69	2066.09
						320.0	-7041.50	-66.18	70.28	-871.87	1.417e+04	-8541.84
29	70	1.410e+04	4018.72	-0.05	0.0	0.0	-7216.09	93.46	13.30	944.52	-233.82	-1.584e+04
		-1.584e+04	-233.82	9.36e-03	0.0	160.0	-7019.74	93.46	13.30	944.52	1892.45	-869.89
						320.0	-6823.39	93.46	13.30	944.52	4018.72	1.410e+04
29	90	8433.90	5196.64	-0.02	0.0	0.0	-7175.97	50.84	18.76	568.09	-797.92	-7942.49
		-7942.49	-797.92	0.01	0.0	160.0	-6979.62	50.84	18.76	568.09	2199.36	245.70
						320.0	-6783.27	50.84	18.76	568.09	5196.64	8433.90
29	91	4977.22	1.292e+04	0.02	0.0	0.0	-7475.95	-24.61	64.41	-494.17	-7694.55	4977.22
		-3007.85	-7694.55	-0.01	0.0	160.0	-7279.60	-24.61	64.41	-494.17	2615.19	984.69
						320.0	-7083.25	-24.61	64.41	-494.17	1.292e+04	-3007.85
30	5	7.262e+04	2.721e+04	-0.15	0.0	0.0	-2893.05	470.75	-254.54	1264.16	2.721e+04	-7.799e+04
		-7.799e+04	-5.427e+04	0.02	0.0	160.0	-2643.05	470.75	-254.54	1264.16	-1.353e+04	-2684.49
						320.0	-2393.05	470.75	-254.54	1264.16	-5.427e+04	7.262e+04
30	6	7.940e+04	3.073e+04	-0.16	0.0	0.0	-2951.83	517.49	-275.09	1669.05	3.073e+04	-8.624e+04
		-8.624e+04	-5.733e+04	0.03	0.0	160.0	-2701.83	517.49	-275.09	1669.05	-1.330e+04	-3420.40
						320.0	-2451.83	517.49	-275.09	1669.05	-5.733e+04	7.940e+04
30	8	5.463e+04	2.560e+04	0.14	0.0	0.0	-3394.12	-260.05	-242.90	-948.57	2.560e+04	5.463e+04
		-2.855e+04	-5.210e+04	0.02	0.0	160.0	-3144.12	-260.05	-242.90	-948.57	-1.325e+04	1.304e+04
						320.0	-2894.12	-260.05	-242.90	-948.57	-5.210e+04	-2.855e+04
30	18	4.804e+04	3.378e+04	-0.07	0.0	0.0	-3167.49	288.52	-291.99	1277.68	3.378e+04	-4.444e+04
		-4.444e+04	-5.968e+04	0.03	0.0	160.0	-2917.49	288.52	-291.99	1277.68	-1.295e+04	1802.34
						320.0	-2667.49	288.52	-291.99	1277.68	-5.968e+04	4.804e+04
30	37	4.623e+04	2.679e+04	-0.07	0.0	0.0	-3024.81	280.09	-251.49	688.18	2.679e+04	-4.338e+04
		-4.338e+04	-5.370e+04	0.02	0.0	160.0	-2774.81	280.09	-251.49	688.18	-1.346e+04	1422.37
						320.0	-2524.81	280.09	-251.49	688.18	-5.370e+04	4.623e+04
30	38	4.941e+04	2.843e+04	-0.08	0.0	0.0	-3051.87	302.07	-261.06	877.41	2.843e+04	-4.727e+04
		-4.727e+04	-5.513e+04	0.02	0.0	160.0	-2801.87	302.07	-261.06	877.41	-1.335e+04	1071.12
						320.0	-2551.87	302.07	-261.06	877.41	-5.513e+04	4.941e+04
30	40	2.003e+04	2.602e+04	0.07	0.0	0.0	-3262.36	-69.40	-245.95	-372.58	2.602e+04	2.003e+04
		-2160.20	-5.267e+04	0.02	0.0	160.0	-3012.36	-69.40	-245.95	-372.58	-1.332e+04	8935.99
						320.0	-2762.36	-69.40	-245.95	-372.58	-5.267e+04	-2160.20
30	50	3.435e+04	2.984e+04	-0.04	0.0	0.0	-3153.55	192.17	-268.89	684.62	2.984e+04	-2.721e+04
		-2.721e+04	-5.621e+04	0.03	0.0	160.0	-2903.55	192.17	-268.89	684.62	-1.319e+04	3567.18
						320.0	-2653.55	192.17	-268.89	684.62	-5.621e+04	3.435e+04
30	69	4.420e+04	2.675e+04	-0.07	0.0	0.0	-3034.80	265.43	-251.26	643.70	2.675e+04	-4.072e+04
		-4.072e+04	-5.366e+04	0.02	0.0	160.0	-2784.80	265.43	-251.26	643.70	-1.345e+04	1737.75
						320.0	-2534.80	265.43	-251.26	643.70	-5.366e+04	4.420e+04
30	70	4.711e+04	2.826e+04	-0.07	0.0	0.0	-3059.56	285.55	-260.02	816.95	2.826e+04	-4.428e+04
		-4.428e+04	-5.496e+04	0.02	0.0	160.0	-2809.56	285.55	-260.02	816.95	-1.335e+04	1415.98
						320.0	-2559.56	285.55	-260.02	816.95	-5.496e+04	4.711e+04
30	72	1.737e+04	2.606e+04	0.06	0.0	0.0	-3252.37	-54.73	-246.19	-328.10	2.606e+04	1.737e+04
		-130.03	-5.272e+04	0.02	0.0	160.0	-3002.37	-54.73	-246.19	-328.10	-1.333e+04	8620.60
						320.0	-2752.37	-54.73	-246.19	-328.10	-5.272e+04	-130.03
30	82	3.331e+04	2.955e+04	-0.04	0.0	0.0	-3152.68	184.87	-267.19	640.21	2.955e+04	-2.591e+04
		-2.591e+04	-5.596e+04	0.03	0.0	160.0	-2902.68	184.87	-267.19	640.21	-1.320e+04	3702.51
						320.0	-2652.68	184.87	-267.19	640.21	-5.596e+04	3.331e+04
31	4	4.607e+04	5.487e+04	0.13	0.0	0.0	-5130.59	-181.65	-498.77	-1120.73	5.487e+04	4.607e+04
		-8395.31	-9.494e+04	0.05	0.0	150.0	-4896.22	-181.65	-498.77	-1120.73	-2.004e+04	1.884e+04
						300.0	-4661.84	-181.65	-498.77	-1120.73	-9.494e+04	-8395.31
31	6	9.006e+04	2.596e+04	-0.14	0.0	0.0	-5785.41	605.56	-318.47	3007.45	2.596e+04	-9.166e+04

		-9.166e+04 -6.948e+04	-0.02	0.0	150.0	-5551.03	605.56	-318.47	3007.45	-2.176e+04	-799.87
					300.0	-5316.66	605.56	-318.47	3007.45	-6.948e+04	9.006e+04
31	18	6.005e+04 4.148e+04	-0.06	0.0	0.0	-5918.29	363.89	-432.80	2274.13	4.148e+04	-4.930e+04
		-4.930e+04 -8.843e+04	0.03	0.0	150.0	-5683.91	363.89	-432.80	2274.13	-2.347e+04	5376.11
					300.0	-5449.54	363.89	-432.80	2274.13	-8.843e+04	6.005e+04
31	19	1.699e+04 3.502e+04	0.05	0.0	0.0	-4711.90	23.94	-343.96	-975.23	3.502e+04	9998.46
		9998.46 -6.810e+04	0.02	0.0	150.0	-4477.52	23.94	-343.96	-975.23	-1.654e+04	1.350e+04
					300.0	-4243.15	23.94	-343.96	-975.23	-6.810e+04	1.699e+04
31	20	3.067e+04 5.010e+04	0.02	0.0	0.0	-5717.12	129.09	-486.23	1031.42	5.010e+04	-8229.53
		-8229.53 -9.593e+04	0.04	0.0	150.0	-5482.74	129.09	-486.23	1031.42	-2.292e+04	1.122e+04
					300.0	-5248.37	129.09	-486.23	1031.42	-9.593e+04	3.067e+04
31	36	1.609e+04 4.615e+04	0.06	0.0	0.0	-5226.14	14.38	-440.77	-198.81	4.615e+04	1.176e+04
		1.176e+04 -8.616e+04	0.04	0.0	150.0	-4991.77	14.38	-440.77	-198.81	-2.000e+04	1.393e+04
					300.0	-4757.39	14.38	-440.77	-198.81	-8.616e+04	1.609e+04
31	38	6.313e+04 3.236e+04	-0.07	0.0	0.0	-5536.77	390.46	-354.84	1772.06	3.236e+04	-5.403e+04
		-5.403e+04 -7.404e+04	0.02	0.0	150.0	-5302.40	390.46	-354.84	1772.06	-2.084e+04	4547.23
					300.0	-5068.02	390.46	-354.84	1772.06	-7.404e+04	6.313e+04
31	50	4.875e+04 3.970e+04	-0.03	0.0	0.0	-5596.27	274.72	-408.76	1414.04	3.970e+04	-3.375e+04
		-3.375e+04 -8.296e+04	0.03	0.0	150.0	-5361.89	274.72	-408.76	1414.04	-2.163e+04	7501.27
					300.0	-5127.52	274.72	-408.76	1414.04	-8.296e+04	4.875e+04
31	51	2.830e+04 3.680e+04	0.03	0.0	0.0	-5033.92	113.11	-368.00	-115.14	3.680e+04	-5554.17
		-5554.17 -7.357e+04	0.02	0.0	150.0	-4799.54	113.11	-368.00	-115.14	-1.838e+04	1.137e+04
					300.0	-4565.17	113.11	-368.00	-115.14	-7.357e+04	2.830e+04
31	52	3.471e+04 4.381e+04	9.82e-03	0.0	0.0	-5500.87	162.55	-434.23	820.85	4.381e+04	-1.413e+04
		-1.413e+04 -8.653e+04	0.03	0.0	150.0	-5266.50	162.55	-434.23	820.85	-2.136e+04	1.029e+04
					300.0	-5032.12	162.55	-434.23	820.85	-8.653e+04	3.471e+04
31	68	1.798e+04 4.549e+04	0.06	0.0	0.0	-5233.59	29.45	-436.36	-127.66	4.549e+04	9128.18
		9128.18 -8.549e+04	0.04	0.0	150.0	-4999.22	29.45	-436.36	-127.66	-2.000e+04	1.355e+04
					300.0	-4764.84	29.45	-436.36	-127.66	-8.549e+04	1.798e+04
31	70	6.106e+04 3.286e+04	-0.07	0.0	0.0	-5518.10	373.96	-357.66	1677.73	3.286e+04	-5.115e+04
		-5.115e+04 -7.440e+04	0.02	0.0	150.0	-5283.72	373.96	-357.66	1677.73	-2.077e+04	4957.65
					300.0	-5049.35	373.96	-357.66	1677.73	-7.440e+04	6.106e+04
31	82	4.789e+04 3.958e+04	-0.03	0.0	0.0	-5572.51	267.93	-407.03	1349.60	3.958e+04	-3.256e+04
		-3.256e+04 -8.256e+04	0.03	0.0	150.0	-5338.13	267.93	-407.03	1349.60	-2.149e+04	7663.80
					300.0	-5103.76	267.93	-407.03	1349.60	-8.256e+04	4.789e+04
31	83	2.916e+04 3.692e+04	0.02	0.0	0.0	-5057.68	119.90	-369.73	-50.69	3.692e+04	-6738.95
		-6738.95 -7.397e+04	0.02	0.0	150.0	-4823.30	119.90	-369.73	-50.69	-1.852e+04	1.121e+04
					300.0	-4588.93	119.90	-369.73	-50.69	-7.397e+04	2.916e+04
31	84	3.503e+04 4.334e+04	8.82e-03	0.0	0.0	-5485.14	165.17	-430.36	806.21	4.334e+04	-1.459e+04
		-1.459e+04 -8.583e+04	0.03	0.0	150.0	-5250.76	165.17	-430.36	806.21	-2.124e+04	1.022e+04
					300.0	-5016.39	165.17	-430.36	806.21	-8.583e+04	3.503e+04
48	5	6.044e+04 1.814e+04	-0.04	0.0	0.0	-5838.00	299.71	71.82	1113.48	-5199.66	-3.697e+04
		-3.697e+04 -5199.66	0.01	0.0	162.5	-5584.09	299.71	71.82	1113.48	6468.19	1.173e+04
					325.0	-5330.19	299.71	71.82	1113.48	1.814e+04	6.044e+04
48	6	5.834e+04 1.120e+04	-0.04	0.0	0.0	-5691.18	287.32	26.90	1214.65	2469.84	-3.503e+04
		-3.503e+04 2469.84	0.03	0.0	162.5	-5437.27	287.32	26.90	1214.65	6834.40	1.165e+04
					325.0	-5183.36	287.32	26.90	1214.65	1.120e+04	5.834e+04
48	7	1.614e+04 5.311e+04	0.02	0.0	0.0	-8886.49	54.21	277.54	-452.10	-3.710e+04	-1481.93
		-1481.93 -3.710e+04	-0.05	0.0	162.5	-8632.58	54.21	277.54	-452.10	8001.94	7331.08
					325.0	-8378.68	54.21	277.54	-452.10	5.311e+04	1.614e+04
48	37	4.831e+04 2.542e+04	-0.03	0.0	0.0	-6594.75	232.30	113.61	731.48	-1.149e+04	-2.719e+04
		-2.719e+04 -1.149e+04	-8.26e-03	0.0	162.5	-6340.85	232.30	113.61	731.48	6965.04	1.056e+04
					325.0	-6086.94	232.30	113.61	731.48	2.542e+04	4.831e+04
48	38	4.732e+04 2.219e+04	-0.02	0.0	0.0	-6526.86	226.47	92.64	778.93	-7914.88	-2.628e+04
		-2.628e+04 -7914.88	0.01	0.0	162.5	-6272.95	226.47	92.64	778.93	7136.13	1.052e+04
					325.0	-6019.04	226.47	92.64	778.93	2.219e+04	4.732e+04
48	39	2.716e+04 4.212e+04	0.01	0.0	0.0	-8050.81	115.07	211.80	-16.38	-2.672e+04	-1.024e+04
		-1.024e+04 -2.672e+04	-0.03	0.0	162.5	-7796.90	115.07	211.80	-16.38	7700.21	8460.54
					325.0	-7543.00	115.07	211.80	-16.38	4.212e+04	2.716e+04
48	69	4.738e+04 2.599e+04	-0.02	0.0	0.0	-6652.99	227.14	116.84	702.10	-1.198e+04	-2.644e+04
		-2.644e+04 -1.198e+04	-8.83e-03	0.0	162.5	-6399.09	227.14	116.84	702.10	7003.11	1.047e+04
					325.0	-6145.18	227.14	116.84	702.10	2.599e+04	4.738e+04
48	70	4.648e+04 2.302e+04	-0.02	0.0	0.0	-6590.85	221.79	97.65	745.54	-8705.29	-2.560e+04
		-2.560e+04 -8705.29	9.82e-03	0.0	162.5	-6336.94	221.79	97.65	745.54	7159.75	1.044e+04
					325.0	-6083.03	221.79	97.65	745.54	2.302e+04	4.648e+04
48	71	2.801e+04 4.128e+04	0.01	0.0	0.0	-7986.82	119.74	206.79	17.01	-2.593e+04	-1.091e+04
		-1.091e+04 -2.593e+04	-0.03	0.0	162.5	-7732.91	119.74	206.79	17.01	7676.60	8547.15
					325.0	-7479.01	119.74	206.79	17.01	4.128e+04	2.801e+04
62	3	7.336e+04 3.544e+04	0.04	0.0	0.0	-6324.03	-798.39	230.71	-2728.45	-2.918e+04	7.336e+04
		-1.503e+05 -2.918e+04	-0.03	0.0	140.0	-6105.28	-798.39	230.71	-2728.45	3129.34	-3.848e+04
					280.0	-5886.53	-798.39	230.71	-2728.45	3.544e+04	-1.503e+05
62	4	8.128e+04 2.772e+04	0.05	0.0	0.0	-6423.85	-853.05	171.01	-2310.88	-2.017e+04	8.128e+04
		-1.577e+05 -2.017e+04	-0.02	0.0	140.0	-6205.10	-853.05	171.01	-2310.88	3777.10	-3.823e+04
					280.0	-5986.35	-853.05	171.01	-2310.88	2.772e+04	-1.577e+05
62	5	5.232e+04 8974.74	0.03	0.0	0.0	-5828.38	-609.05	37.43	-270.46	-1494.41	5.232e+04
		-1.180e+05 -1494.41	9.53e-03	0.0	140.0	-5609.63	-609.05	37.43	-270.46	3740.17	-3.286e+04
					280.0	-5390.88	-609.05	37.43	-270.46	8974.74	-1.180e+05

62	8	8.131e+04	2.778e+04	0.05	0.0	0.0	-6427.51	-853.10	171.44	-2302.59	-2.023e+04	8.131e+04
		-1.577e+05	-2.023e+04	-0.02	0.0	140.0	-6208.76	-853.10	171.44	-2302.59	3775.00	-3.821e+04
						280.0	-5990.01	-853.10	171.44	-2302.59	2.778e+04	-1.577e+05
62	19	5.678e+04	3.520e+04	0.03	0.0	0.0	-6035.38	-668.36	232.86	-2352.41	-3.002e+04	5.678e+04
		-1.304e+05	-3.002e+04	-0.04	0.0	140.0	-5816.63	-668.36	232.86	-2352.41	2586.67	-3.679e+04
						280.0	-5597.88	-668.36	232.86	-2352.41	3.520e+04	-1.304e+05
62	28	8.327e+04	9675.20	0.06	0.0	0.0	-6380.29	-850.74	35.30	-932.88	-197.50	8.327e+04
		-1.550e+05	-197.50	0.01	0.0	140.0	-6161.54	-850.74	35.30	-932.88	4738.85	-3.588e+04
						280.0	-5942.79	-850.74	35.30	-932.88	9675.20	-1.550e+05
62	35	6.996e+04	2.647e+04	0.04	0.0	0.0	-6220.18	-763.36	164.31	-1971.70	-1.955e+04	6.996e+04
		-1.438e+05	-1.955e+04	-0.02	0.0	140.0	-6001.43	-763.36	164.31	-1971.70	3461.11	-3.695e+04
						280.0	-5782.68	-763.36	164.31	-1971.70	2.647e+04	-1.438e+05
62	36	7.364e+04	2.287e+04	0.04	0.0	0.0	-6265.75	-788.84	136.47	-1777.61	-1.535e+04	7.364e+04
		-1.473e+05	-1.535e+04	-0.01	0.0	140.0	-6047.00	-788.84	136.47	-1777.61	3763.67	-3.683e+04
						280.0	-5828.25	-788.84	136.47	-1777.61	2.287e+04	-1.473e+05
62	37	5.997e+04	1.386e+04	0.04	0.0	0.0	-5988.42	-673.29	72.20	-799.56	-6353.64	5.997e+04
		-1.285e+05	-6353.64	-3.02e-03	0.0	140.0	-5769.67	-673.29	72.20	-799.56	3752.47	-3.425e+04
						280.0	-5550.92	-673.29	72.20	-799.56	1.386e+04	-1.285e+05
62	40	7.366e+04	2.290e+04	0.04	0.0	0.0	-6267.46	-788.87	136.67	-1773.49	-1.537e+04	7.366e+04
		-1.473e+05	-1.537e+04	-0.01	0.0	140.0	-6048.71	-788.87	136.67	-1773.49	3762.69	-3.682e+04
						280.0	-5829.96	-788.87	136.67	-1773.49	2.290e+04	-1.473e+05
62	51	6.216e+04	2.626e+04	0.03	0.0	0.0	-6086.49	-702.12	164.62	-1786.45	-1.984e+04	6.216e+04
		-1.344e+05	-1.984e+04	-0.02	0.0	140.0	-5867.74	-702.12	164.62	-1786.45	3209.76	-3.613e+04
						280.0	-5648.99	-702.12	164.62	-1786.45	2.626e+04	-1.344e+05
62	60	7.451e+04	1.436e+04	0.05	0.0	0.0	-6244.10	-787.14	72.46	-1125.75	-5927.45	7.451e+04
		-1.459e+05	-5927.45	-2.98e-03	0.0	140.0	-6025.35	-787.14	72.46	-1125.75	4215.02	-3.571e+04
						280.0	-5806.60	-787.14	72.46	-1125.75	1.436e+04	-1.459e+05
62	67	6.969e+04	2.579e+04	0.04	0.0	0.0	-6212.41	-760.65	159.28	-1914.10	-1.882e+04	6.969e+04
		-1.433e+05	-1.882e+04	-0.02	0.0	140.0	-5993.66	-760.65	159.28	-1914.10	3486.08	-3.683e+04
						280.0	-5774.91	-760.65	159.28	-1914.10	2.579e+04	-1.433e+05
62	68	7.307e+04	2.250e+04	0.04	0.0	0.0	-6254.11	-783.98	133.79	-1736.43	-1.497e+04	7.307e+04
		-1.465e+05	-1.497e+04	-0.01	0.0	140.0	-6035.36	-783.98	133.79	-1736.43	3763.09	-3.672e+04
						280.0	-5816.61	-783.98	133.79	-1736.43	2.250e+04	-1.465e+05
62	69	6.055e+04	1.424e+04	0.04	0.0	0.0	-6000.22	-678.15	74.90	-840.40	-6731.40	6.055e+04
		-1.293e+05	-6731.40	-3.41e-03	0.0	140.0	-5781.47	-678.15	74.90	-840.40	3752.97	-3.436e+04
						280.0	-5562.72	-678.15	74.90	-840.40	1.424e+04	-1.293e+05
62	72	7.308e+04	2.252e+04	0.04	0.0	0.0	-6255.67	-784.00	133.97	-1732.65	-1.500e+04	7.308e+04
		-1.465e+05	-1.500e+04	-0.01	0.0	140.0	-6036.92	-784.00	133.97	-1732.65	3762.19	-3.671e+04
						280.0	-5818.17	-784.00	133.97	-1732.65	2.252e+04	-1.465e+05
62	83	6.256e+04	2.560e+04	0.03	0.0	0.0	-6090.04	-704.57	159.54	-1744.27	-1.908e+04	6.256e+04
		-1.347e+05	-1.908e+04	-0.02	0.0	140.0	-5871.29	-704.57	159.54	-1744.27	3256.01	-3.608e+04
						280.0	-5652.54	-704.57	159.54	-1744.27	2.560e+04	-1.347e+05
62	92	7.386e+04	1.470e+04	0.05	0.0	0.0	-6234.25	-782.41	75.17	-1139.43	-6345.42	7.386e+04
		-1.453e+05	-6345.42	-3.38e-03	0.0	140.0	-6015.50	-782.41	75.17	-1139.43	4176.36	-3.569e+04
						280.0	-5796.75	-782.41	75.17	-1139.43	1.470e+04	-1.453e+05
79	6	-2.438e+04	2.861e+04	-0.01	-0.03	0.0	-703.68	285.05	679.31	-7423.43	7718.62	3.708e+04
		-3.708e+04	7718.62	2.54e-03	-0.01	21.9	-669.53	285.03	679.30	-7423.43	1.816e+04	-3.073e+04
						43.7	-635.37	285.02	679.29	-7423.43	2.861e+04	-2.438e+04
79	7	1.594e+04	5500.86	-5.92e-04	-0.03	0.0	-326.33	-859.76	-710.47	2.335e+04	5500.86	1.594e+04
		-2.187e+04	-1.675e+04	9.56e-04	-0.01	21.9	-292.18	-859.77	-710.48	2.335e+04	-5625.99	-2963.24
						43.7	-258.03	-859.79	-710.49	2.335e+04	-1.675e+04	-2.187e+04
79	14	-2.451e+04	2.645e+04	-0.01	-0.03	0.0	-692.66	609.20	536.65	-2.411e+04	1.792e+04	-5.127e+04
		-5.127e+04	1.792e+04	4.10e-03	-0.01	21.9	-658.51	609.18	536.64	-2.411e+04	2.219e+04	-3.789e+04
						43.7	-624.35	609.17	536.63	-2.411e+04	2.645e+04	-2.451e+04
79	15	3.014e+04	-4698.40	1.23e-03	-0.03	0.0	-337.35	-1183.91	-567.81	4.004e+04	-4698.40	3.014e+04
		-2.175e+04	-1.460e+04	-6.00e-04	-0.01	21.9	-303.20	-1183.92	-567.82	4.004e+04	-9648.31	4197.71
						43.7	-269.05	-1183.94	-567.83	4.004e+04	-1.460e+04	-2.175e+04
79	29	-1.372e+04	2.892e+04	-7.97e-03	-0.03	0.0	-496.21	-234.94	-626.63	-1.192e+04	2.892e+04	-1.372e+04
		-2.518e+04	-3788.66	5.12e-03	-0.01	21.9	-462.05	-234.96	-626.64	-1.192e+04	1.257e+04	-1.945e+04
						43.7	-427.90	-234.97	-626.65	-1.192e+04	-3788.66	-2.518e+04
79	38	-2.321e+04	1.669e+04	-9.09e-03	-0.03	0.0	-604.84	-14.33	311.91	612.47	7103.92	-2.321e+04
		-2.373e+04	7103.92	2.12e-03	-0.01	21.9	-570.69	-14.34	311.90	612.47	1.190e+04	-2.347e+04
						43.7	-536.53	-14.36	311.89	612.47	1.669e+04	-2.373e+04
79	39	2083.79	6115.56	-3.59e-03	-0.03	0.0	-425.17	-560.38	-343.07	1.532e+04	6115.56	2083.79
		-2.252e+04	-4837.34	1.38e-03	-0.01	21.9	-391.02	-560.40	-343.08	1.532e+04	639.19	-1.022e+04
						43.7	-356.87	-560.41	-343.09	1.532e+04	-4837.34	-2.252e+04
79	46	-2.379e+04	1.566e+04	-9.96e-03	-0.03	0.0	-599.50	140.16	242.86	-7345.53	1.202e+04	-2.998e+04
		-2.998e+04	1.202e+04	2.88e-03	-0.01	21.9	-565.35	140.14	242.85	-7345.53	1.384e+04	-2.689e+04
						43.7	-531.20	140.13	242.85	-7345.53	1.566e+04	-2.379e+04
79	47	8850.41	1196.66	-2.72e-03	-0.03	0.0	-430.51	-714.87	-274.03	2.327e+04	1196.66	8850.41
		-2.247e+04	-3805.26	6.23e-04	-0.01	21.9	-396.36	-714.88	-274.03	2.327e+04	-1304.22	-6808.12
						43.7	-362.20	-714.89	-274.04	2.327e+04	-3805.26	-2.247e+04
79	61	-1.211e+04	1.705e+04	-7.13e-03	-0.03	0.0	-506.88	-261.19	-299.66	-1471.75	1.705e+04	-1.211e+04
		-2.409e+04	1458.32	3.32e-03	-0.01	21.9	-472.73	-261.21	-299.67	-1471.75	9254.46	-1.810e+04
						43.7	-438.57	-261.22	-299.68	-1471.75	1458.32	-2.409e+04
79	70	-2.215e+04	1.579e+04	-8.86e-03	-0.03	0.0	-597.29	-37.26	284.32	1229.57	7061.62	-2.215e+04
		-2.368e+04	7061.62	2.09e-03	-0.01	21.9	-563.14	-37.27	284.31	1229.57	1.143e+04	-2.292e+04

79	71	1021.65 -2.258e+04	6157.85 -3932.08	-3.82e-03 1.41e-03	-0.03 -0.01	43.7 0.0 21.9	-528.99 -432.72 -398.57	-37.28 -537.45 -537.47	284.30 -315.48 -315.49	1229.57 1.470e+04 1.470e+04	1.579e+04 6157.85 1112.97	-2.368e+04 1021.65 -1.078e+04
79	78	-2.373e+04 -2.835e+04	1.484e+04 1.157e+04	-9.66e-03 2.78e-03	-0.03 -0.01	43.7 0.0 21.9 43.7	-364.41 -592.40 -558.25 -524.10	-537.48 104.25 104.24 104.23	-315.50 221.04 221.04 221.03	1.470e+04 -6060.11 -6060.11 -6060.11	1.157e+04 1.157e+04 1.321e+04 1.484e+04	-2.835e+04 -2.604e+04 -2.373e+04
79	79	7219.91 -2.252e+04	1650.78 -2986.57	-3.02e-03 7.17e-04	-0.03 -0.01	43.7 0.0 21.9 43.7	-437.61 -403.46 -369.30	-678.96 -678.98 -678.99	-252.21 -252.22 -252.22	2.199e+04 2.199e+04 2.199e+04	1650.78 -667.81 -2986.57	7219.91 -7651.10 -2.252e+04
79	93	-1.198e+04 -2.401e+04	1.617e+04 1837.46	-7.06e-03 3.19e-03	-0.03 -0.01	43.7 0.0 21.9 43.7	-507.58 -473.43 -439.28	-263.36 -263.38 -263.39	-275.64 -275.65 -275.65	-678.26 -678.26 -678.26	1.617e+04 9003.34 1837.46	-1.198e+04 -1.799e+04 -2.401e+04
80	7	3.073e+04 -3.242e+04	1.058e+04 -7854.92	0.06 -1.00e-02	-0.21 -0.12	43.7 0.0 178.0 356.0	-302.23 -24.12 -253.98	-177.22 -177.32 -177.43	51.67 51.61 51.55	-20.93 -20.93 -20.93	-7854.92 1368.33 1.058e+04	3.073e+04 -837.73 -3.242e+04
80	13	-4796.68 -7209.82	1.641e+04 3675.72	-0.04 -0.03	-0.21 -0.12	43.7 0.0 178.0 356.0	-1367.84 -1089.74 -811.63	6.58 6.48 6.37	-20.44 -20.50 -20.56	634.20 634.20 634.20	3675.72 1.005e+04 1.641e+04	-7209.82 -5993.75 -4796.68
80	15	2.774e+04 -2.866e+04	-3631.61 -1.240e+04	0.06 0.02	-0.21 -0.12	43.7 0.0 178.0 356.0	-204.56 73.54 351.64	-157.90 -158.00 -158.11	80.97 80.91 80.85	-10.53 -10.53 -10.53	1.240e+04 -8012.80 -3631.61	2.774e+04 -446.53 -2.866e+04
80	16	2.568e+04 -2.658e+04	-8012.09 -9261.11	0.06 0.02	-0.21 -0.12	43.7 0.0 178.0 356.0	-140.83 137.27 415.38	-146.41 -146.52 -146.63	52.83 52.77 52.71	49.37 49.37 49.37	-8012.09 -8631.26 -9261.11	2.568e+04 -442.47 -2.658e+04
80	39	1.949e+04 -2.367e+04	6818.59 -4809.48	0.03 -6.09e-03	-0.21 -0.12	43.7 0.0 178.0 356.0	-537.99 -259.88 18.22	-121.08 -121.19 -121.30	32.64 32.58 32.52	169.72 169.72 169.72	-4809.48 1009.90 6818.59	1.949e+04 -2080.21 -2.367e+04
80	45	1395.82 -1.051e+04	9632.76 615.00	-0.02 -0.01	-0.21 -0.12	43.7 0.0 178.0 356.0	-1046.84 -768.74 -490.64	-33.48 -33.58 -33.69	-1.27 -1.33 -1.39	480.90 480.90 480.90	615.00 5129.22 9632.76	1395.82 -4546.85 -1.051e+04
80	47	1.805e+04 -2.185e+04	136.86 -7000.07	0.03 6.19e-03	-0.21 -0.12	43.7 0.0 178.0 356.0	-491.53 -213.42 64.68	-111.76 -111.87 -111.97	46.77 46.71 46.65	175.08 175.08 175.08	-7000.07 -3426.26 136.86	1.805e+04 -1891.09 -2.185e+04
80	48	1.708e+04 -2.087e+04	-2484.50 -4951.37	0.03 8.47e-03	-0.21 -0.12	43.7 0.0 178.0 356.0	-461.82 -183.72 94.38	-106.36 -106.46 -106.57	33.65 33.59 33.53	202.68 202.68 202.68	-4951.37 -3712.59 -2484.50	1.708e+04 -1889.37 -2.087e+04
80	71	1.863e+04 -2.300e+04	6543.89 -4586.05	0.03 -5.80e-03	-0.21 -0.12	43.7 0.0 178.0 356.0	-556.14 -278.04 0.07	-116.79 -116.89 -117.00	31.24 31.18 31.12	184.19 184.19 184.19	-4586.05 984.27 6543.89	1.863e+04 -2175.71 -2.300e+04
80	77	2054.26 -1.094e+04	9122.53 381.19	-0.02 -0.01	-0.21 -0.12	43.7 0.0 178.0 356.0	-1022.28 -744.17 -466.07	-36.54 -36.64 -36.75	0.19 0.13 0.07	469.21 469.21 469.21	2054.26 4757.20 9122.53	-1.094e+04 -4435.37 -1.094e+04
80	79	1.731e+04 -2.133e+04	425.50 -6593.15	0.03 5.51e-03	-0.21 -0.12	43.7 0.0 178.0 356.0	-513.58 -235.48 42.62	-108.24 -108.35 -108.46	44.19 44.13 44.07	189.11 189.11 189.11	-6593.15 -3078.48 425.50	1.731e+04 -2002.42 -2.133e+04
80	80	1.642e+04 -2.044e+04	-1974.27 -4717.56	0.03 7.55e-03	-0.21 -0.12	43.7 0.0 178.0 356.0	-486.39 -208.29 69.82	-103.29 -103.40 -103.51	32.19 32.13 32.07	214.37 214.37 214.37	-4717.56 -3340.57 -1974.27	1.642e+04 -2000.84 -2.044e+04
Pilas.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T				
	-4.094e+05	-1.375e+05	-0.16	-0.21	-2.254e+04	-1183.94	-710.49	-2.411e+04				
	4.522e+05	1.148e+05	0.14	0.0	415.38	2267.19	679.31	4.004e+04				

Trave	Cmb	M3 mx/mn daN cm	M2 mx/mn daN cm	D 2 / D 3 cm	Q 2 / Q 3 daN	Pos. cm	N daN	V 2 daN	V 3 daN	T daN cm	M 2 daN cm	M 3 daN cm
1	2	-971.45 -2047.20	-4.640e+04 -4.796e+04	-2.41e-03 -1.47e-03	-297.99 0.0	0.0 11.6 23.2	2498.91 2498.91 2498.91	-112.21 -261.18 -410.20	-71.41 -71.41 -71.41	3.094e+04 3.094e+04 3.094e+04	-4.640e+04 -4.718e+04 -4.796e+04	-1644.35 -983.14 -2047.20
1	3	4.286e+04 4.082e+04	5.493e+04 5.022e+04	-1.19e-03 8.97e-04	-297.99 0.0	0.0 11.6 23.2	-1647.42 -1647.42 -1647.42	94.39 -54.58 -203.60	194.09 194.09 194.09	2.668e+04 2.668e+04 2.668e+04	5.022e+04 5.258e+04 5.493e+04	4.268e+04 4.261e+04 4.082e+04
1	26	-845.89 -2665.00	-2.590e+04 -2.793e+04	-2.94e-03 -1.34e-03	-297.99 0.0	0.0 11.6 23.2	2964.06 2964.06 2964.06	-155.09 -304.06 -453.07	150.90 150.90 150.90	3.216e+04 3.216e+04 3.216e+04	-2.793e+04 -2.691e+04 -2.590e+04	-2665.00 -1020.96 -1102.20
1	27	4.370e+04 3.987e+04	3.286e+04 3.175e+04	-6.62e-04 7.69e-04	-297.99 0.0	0.0 11.6 23.2	-2112.56 -2112.56 -2112.56	137.26 -11.71 -160.72	-28.22 -28.22 -28.22	2.547e+04 2.547e+04 2.547e+04	3.175e+04 3.231e+04 3.286e+04	4.370e+04 4.265e+04 3.987e+04
1	34	1.062e+04 9300.19	-2.097e+04 -2.104e+04	-2.08e-03 -8.49e-04	-297.99 0.0	0.0 11.6 23.2	1404.46 1404.46 1404.46	-56.82 -205.79 -354.81	-2.35 -2.35 -2.35	2.980e+04 2.980e+04 2.980e+04	-2.104e+04 -2.101e+04 -2.097e+04	1.012e+04 1.057e+04 9300.19
1	35	3.120e+04 2.947e+04	2.794e+04 2.486e+04	-1.53e-03 2.78e-04	-297.99 0.0	0.0 11.6 23.2	-552.96 -552.96 -552.96	39.00 -109.97 -258.99	125.03 125.03 125.03	2.783e+04 2.783e+04 2.783e+04	2.486e+04 2.640e+04 2.794e+04	3.091e+04 3.105e+04 2.947e+04
1	38	1.055e+04	-2.073e+04	-2.09e-03	-297.99	0.0	1415.60	-57.77	-1.67	2.982e+04	-2.074e+04	1.005e+04

		9236.39-2.074e+04	-8.50e-04	0.0	11.6	1415.60	-206.74	-1.67	2.982e+04-2.074e+04	1.051e+04
1	58	1.072e+04-1.031e+04	-2.33e-03	-297.99	23.2	1415.60	-355.76	-1.67	2.982e+04-2.073e+04	9236.39
		9813.07-1.208e+04	-7.81e-04	0.0	0.0	1612.61	-76.31	102.39	3.035e+04-1.208e+04	9813.07
					11.6	1612.61	-225.28	102.39	3.035e+04-1.119e+04	1.072e+04
					23.2	1612.61	-374.29	102.39	3.035e+04-1.031e+04	9910.25
1	59	3.131e+04 1.727e+04	-1.28e-03	-297.99	0.0	-761.11	58.48	20.29	2.728e+04 1.591e+04	3.122e+04
		2.886e+04 1.591e+04	2.10e-04	0.0	11.6	-761.11	-90.49	20.29	2.728e+04 1.659e+04	3.090e+04
					23.2	-761.11	-239.50	20.29	2.728e+04 1.727e+04	2.886e+04
1	66	1.149e+04-1.892e+04	-2.06e-03	-297.99	0.0	1322.03	-52.77	2.99	2.971e+04-1.911e+04	1.100e+04
		1.015e+04-1.911e+04	-8.02e-04	0.0	11.6	1322.03	-201.74	2.99	2.971e+04-1.901e+04	1.144e+04
					23.2	1322.03	-350.75	2.99	2.971e+04-1.892e+04	1.015e+04
1	67	3.033e+04 2.588e+04	-1.55e-03	-297.99	0.0	-470.53	34.94	119.69	2.792e+04 2.293e+04	3.004e+04
		2.862e+04 2.293e+04	2.30e-04	0.0	11.6	-470.53	-114.02	119.69	2.792e+04 2.441e+04	3.019e+04
					23.2	-470.53	-263.04	119.69	2.792e+04 2.588e+04	2.862e+04
1	70	1.143e+04-1.870e+04	-2.06e-03	-297.99	0.0	1332.24	-53.64	3.61	2.973e+04-1.884e+04	1.093e+04
		1.009e+04-1.884e+04	-8.02e-04	0.0	11.6	1332.24	-202.61	3.61	2.973e+04-1.877e+04	1.137e+04
					23.2	1332.24	-351.62	3.61	2.973e+04-1.870e+04	1.009e+04
1	90	1.158e+04 -9142.13	-2.28e-03	-297.99	0.0	1512.39	-70.59	98.91	3.022e+04-1.090e+04	1.072e+04
		1.071e+04-1.090e+04	-7.40e-04	0.0	11.6	1512.39	-219.56	98.91	3.022e+04-1.002e+04	1.158e+04
					23.2	1512.39	-368.58	98.91	3.022e+04 -9142.13	1.071e+04
1	91	3.042e+04 1.611e+04	-1.32e-03	-297.99	0.0	-660.90	52.77	23.77	2.741e+04 1.473e+04	3.032e+04
		2.806e+04 1.473e+04	1.68e-04	0.0	11.6	-660.90	-96.20	23.77	2.741e+04 1.542e+04	3.005e+04
					23.2	-660.90	-245.22	23.77	2.741e+04 1.611e+04	2.806e+04
2	2	-770.19-4.740e+04	-2.40e-03	-298.18	0.0	2519.07	-403.91	-18.24	3.237e+04-4.788e+04	-770.19
		-6104.28-4.788e+04	-1.64e-03	0.0	11.6	2519.07	-552.98	-18.24	3.237e+04-4.764e+04	-2574.04
					23.2	2519.07	-702.09	-18.24	3.237e+04-4.740e+04	-6104.28
2	3	4.205e+04 5.500e+04	-2.68e-04	-298.18	0.0	-1360.62	-146.11	-0.50	2.626e+04 5.500e+04	4.205e+04
		3.267e+04 5.438e+04	1.11e-03	0.0	11.6	-1360.62	-295.18	-0.50	2.626e+04 5.469e+04	3.822e+04
					23.2	-1360.62	-444.29	-0.50	2.626e+04 5.438e+04	3.267e+04
2	6	-920.03-4.705e+04	-2.41e-03	-298.18	0.0	2539.70	-405.97	-18.99	3.242e+04-4.736e+04	-920.03
		-6228.02-4.736e+04	-1.64e-03	0.0	11.6	2539.70	-555.04	-18.99	3.242e+04-4.721e+04	-2710.83
					23.2	2539.70	-704.15	-18.99	3.242e+04-4.705e+04	-6228.02
2	7	4.220e+04 5.448e+04	-2.57e-04	-298.18	0.0	-1381.26	-144.05	0.26	2.621e+04 5.448e+04	4.220e+04
		3.279e+04 5.402e+04	1.11e-03	0.0	11.6	-1381.26	-293.12	0.26	2.621e+04 5.425e+04	3.836e+04
					23.2	-1381.26	-442.23	0.26	2.621e+04 5.402e+04	3.279e+04
2	26	83.34-2.403e+04	-2.91e-03	-298.18	0.0	3281.19	-465.15	120.46	3.325e+04-2.582e+04	83.34
		-3334.77-2.582e+04	-1.41e-03	0.0	11.6	3281.19	-614.22	120.46	3.325e+04-2.492e+04	-762.52
					23.2	3281.19	-763.33	120.46	3.325e+04-2.403e+04	-3334.77
2	27	4.120e+04 3.293e+04	2.71e-04	-298.18	0.0	-2122.74	-84.87	-139.20	2.538e+04 3.293e+04	4.120e+04
		2.990e+04 3.101e+04	8.89e-04	0.0	11.6	-2122.74	-233.94	-139.20	2.538e+04 3.197e+04	3.641e+04
					23.2	-2122.74	-383.05	-139.20	2.538e+04 3.101e+04	2.990e+04
2	34	1.057e+04-2.071e+04	-1.82e-03	-298.18	0.0	1492.03	-334.31	-13.47	3.075e+04-2.090e+04	1.057e+04
		4130.03-2.090e+04	-9.18e-04	0.0	11.6	1492.03	-483.37	-13.47	3.075e+04-2.080e+04	8212.43
					23.2	1492.03	-632.48	-13.47	3.075e+04-2.071e+04	4130.03
2	35	3.072e+04 2.801e+04	-8.25e-04	-298.18	0.0	-333.58	-215.72	-5.27	2.789e+04 2.801e+04	3.072e+04
		2.243e+04 2.769e+04	3.94e-04	0.0	11.6	-333.58	-364.78	-5.27	2.789e+04 2.785e+04	2.744e+04
					23.2	-333.58	-513.90	-5.27	2.789e+04 2.769e+04	2.243e+04
2	38	1.050e+04-2.055e+04	-1.82e-03	-298.18	0.0	1501.91	-335.24	-13.84	3.077e+04-2.065e+04	1.050e+04
		4074.53-2.065e+04	-9.17e-04	0.0	11.6	1501.91	-484.31	-13.84	3.077e+04-2.060e+04	8151.28
					23.2	1501.91	-633.42	-13.84	3.077e+04-2.055e+04	4074.53
2	39	3.078e+04 2.777e+04	-8.18e-04	-298.18	0.0	-343.46	-214.78	-4.90	2.786e+04 2.777e+04	3.078e+04
		2.249e+04 2.752e+04	3.93e-04	0.0	11.6	-343.46	-363.85	-4.90	2.786e+04 2.765e+04	2.750e+04
					23.2	-343.46	-512.96	-4.90	2.786e+04 2.752e+04	2.249e+04
2	58	1.114e+04 -9432.89	-2.05e-03	-298.18	0.0	1841.28	-362.40	51.01	3.113e+04-1.023e+04	1.114e+04
		5582.02-1.023e+04	-8.03e-04	0.0	11.6	1841.28	-511.47	51.01	3.113e+04 -9830.20	9222.42
					23.2	1841.28	-660.58	51.01	3.113e+04 -9432.89	5582.02
2	59	3.015e+04 1.734e+04	-5.88e-04	-298.18	0.0	-682.83	-187.62	-69.75	2.750e+04 1.734e+04	3.015e+04
		2.098e+04 1.641e+04	2.80e-04	0.0	11.6	-682.83	-336.69	-69.75	2.750e+04 1.688e+04	2.643e+04
					23.2	-682.83	-485.80	-69.75	2.750e+04 1.641e+04	2.098e+04
2	66	1.142e+04-1.868e+04	-1.78e-03	-298.18	0.0	1415.08	-329.28	-13.12	3.062e+04-1.884e+04	1.142e+04
		4900.91-1.884e+04	-8.62e-04	0.0	11.6	1415.08	-478.34	-13.12	3.062e+04-1.876e+04	9022.60
					23.2	1415.08	-627.45	-13.12	3.062e+04-1.868e+04	4900.91
2	67	2.987e+04 2.596e+04	-8.67e-04	-298.18	0.0	-256.63	-220.75	-5.61	2.801e+04 2.596e+04	2.987e+04
		2.166e+04 2.565e+04	3.39e-04	0.0	11.6	-256.63	-369.81	-5.61	2.801e+04 2.580e+04	2.663e+04
					23.2	-256.63	-518.93	-5.61	2.801e+04 2.565e+04	2.166e+04
2	70	1.136e+04-1.853e+04	-1.78e-03	-298.18	0.0	1424.13	-330.13	-13.46	3.064e+04-1.862e+04	1.136e+04
		4850.15-1.862e+04	-8.62e-04	0.0	11.6	1424.13	-479.20	-13.46	3.064e+04-1.857e+04	8966.68
					23.2	1424.13	-628.31	-13.46	3.064e+04-1.853e+04	4850.15
2	71	2.993e+04 2.574e+04	-8.60e-04	-298.18	0.0	-265.68	-219.89	-5.28	2.799e+04 2.574e+04	2.993e+04
		2.171e+04 2.550e+04	3.38e-04	0.0	11.6	-265.68	-368.96	-5.28	2.799e+04 2.562e+04	2.668e+04
					23.2	-265.68	-518.07	-5.28	2.799e+04 2.550e+04	2.171e+04
2	90	1.194e+04 -8343.16	-1.99e-03	-298.18	0.0	1734.69	-354.99	45.91	3.097e+04 -9064.73	1.194e+04
		6233.78 -9064.73	-7.58e-04	0.0	11.6	1734.69	-504.05	45.91	3.097e+04 -8703.94	9950.92
					23.2	1734.69	-653.17	45.91	3.097e+04 -8343.16	6233.78
2	91	2.934e+04 1.618e+04	-6.50e-04	-298.18	0.0	-576.24	-195.04	-64.65	2.766e+04 1.618e+04	2.934e+04
		2.033e+04 1.532e+04	2.34e-04	0.0	11.6	-576.24	-344.10	-64.65	2.766e+04 1.575e+04	2.570e+04
					23.2	-576.24	-493.21	-64.65	2.766e+04 1.532e+04	2.033e+04

3	5	8.891e+04	3.461e+04	2.63e-03	-392.51	0.0	3410.03	180.44	-0.71	-4986.13	3.449e+04	8.740e+04
		8.617e+04	3.449e+04	-3.81e-03	0.0	21.2	3410.03	-22.31	-0.71	-4986.13	3.455e+04	8.886e+04
						42.3	3410.03	-212.07	-0.71	-4986.13	3.461e+04	8.617e+04
3	6	8.654e+04	2.940e+04	2.70e-03	-392.51	0.0	2900.28	166.95	-4.06	-6333.48	2.921e+04	8.519e+04
		8.357e+04	2.921e+04	-4.56e-03	0.0	21.2	2900.28	-35.80	-4.06	-6333.48	2.930e+04	8.645e+04
						42.3	2900.28	-225.56	-4.06	-6333.48	2.940e+04	8.357e+04
3	7	1.043e+05	-3.183e+04	1.21e-03	-392.51	0.0	-3090.34	268.34	9.39	538.19	-3.187e+04	1.009e+05
		1.009e+05	-3.187e+04	4.10e-03	0.0	21.2	-3090.34	65.59	9.39	538.19	-3.185e+04	1.042e+05
						42.3	-3090.34	-124.17	9.39	538.19	-3.183e+04	1.033e+05
3	8	1.019e+05	-3.704e+04	1.28e-03	-392.51	0.0	-3600.09	254.85	6.03	-809.16	-3.715e+04	9.870e+04
		9.870e+04	-3.715e+04	3.35e-03	0.0	21.2	-3600.09	52.10	6.03	-809.16	-3.709e+04	1.018e+05
						42.3	-3600.09	-137.66	6.03	-809.16	-3.704e+04	1.007e+05
3	37	9.223e+04	1.582e+04	2.28e-03	-392.51	0.0	1571.74	199.79	1.16	-3902.88	1.570e+04	9.035e+04
		8.996e+04	1.570e+04	-1.94e-03	0.0	21.2	1571.74	-2.96	1.16	-3902.88	1.576e+04	9.223e+04
						42.3	1571.74	-192.72	1.16	-3902.88	1.582e+04	8.996e+04
3	38	9.112e+04	1.342e+04	2.31e-03	-392.51	0.0	1336.74	193.58	-0.38	-4521.03	1.327e+04	8.932e+04
		8.875e+04	1.327e+04	-2.30e-03	0.0	21.2	1336.74	-9.17	-0.38	-4521.03	1.335e+04	9.111e+04
						42.3	1336.74	-198.93	-0.38	-4521.03	1.342e+04	8.875e+04
3	39	9.957e+04	-1.585e+04	1.60e-03	-392.51	0.0	-1526.80	241.71	5.71	-1274.26	-1.593e+04	9.677e+04
		9.677e+04	-1.593e+04	1.84e-03	0.0	21.2	-1526.80	38.96	5.71	-1274.26	-1.589e+04	9.952e+04
						42.3	-1526.80	-150.80	5.71	-1274.26	-1.585e+04	9.812e+04
3	40	9.844e+04	-1.825e+04	1.63e-03	-392.51	0.0	-1761.80	235.50	4.17	-1892.41	-1.836e+04	9.575e+04
		9.575e+04	-1.836e+04	1.49e-03	0.0	21.2	-1761.80	32.75	4.17	-1892.41	-1.831e+04	9.841e+04
						42.3	-1761.80	-157.01	4.17	-1892.41	-1.825e+04	9.691e+04
3	69	9.249e+04	1.439e+04	2.25e-03	-392.51	0.0	1431.65	201.29	1.28	-3818.82	1.427e+04	9.057e+04
		9.025e+04	1.427e+04	-1.80e-03	0.0	21.2	1431.65	-1.46	1.28	-3818.82	1.433e+04	9.249e+04
						42.3	1431.65	-191.22	1.28	-3818.82	1.439e+04	9.025e+04
3	70	9.147e+04	1.219e+04	2.28e-03	-392.51	0.0	1216.57	195.61	-0.12	-4384.46	1.205e+04	8.964e+04
		8.915e+04	1.205e+04	-2.12e-03	0.0	21.2	1216.57	-7.14	-0.12	-4384.46	1.212e+04	9.147e+04
						42.3	1216.57	-196.90	-0.12	-4384.46	1.219e+04	8.915e+04
3	71	9.921e+04	-1.462e+04	1.63e-03	-392.51	0.0	-1406.64	239.69	5.45	-1410.83	-1.470e+04	9.646e+04
		9.646e+04	-1.470e+04	1.66e-03	0.0	21.2	-1406.64	36.93	5.45	-1410.83	-1.466e+04	9.917e+04
						42.3	-1406.64	-152.82	5.45	-1410.83	-1.462e+04	9.772e+04
3	72	9.818e+04	-1.682e+04	1.66e-03	-392.51	0.0	-1621.72	234.00	4.04	-1976.47	-1.693e+04	9.552e+04
		9.552e+04	-1.693e+04	1.34e-03	0.0	21.2	-1621.72	31.25	4.04	-1976.47	-1.687e+04	9.815e+04
						42.3	-1621.72	-158.51	4.04	-1976.47	-1.682e+04	9.662e+04
4	2	-4459.55	-4.090e+04	-2.46e-03	-298.37	0.0	228.14	-751.67	288.96	3.322e+04	-4.730e+04	-4459.55
		-1.566e+04	-4.730e+04	-1.81e-03	0.0	11.6	228.14	-900.83	288.96	3.322e+04	-4.410e+04	-9195.27
						23.2	228.14	-1050.04	288.96	3.322e+04	-4.090e+04	-1.566e+04
4	3	3.343e+04	5.442e+04	5.12e-04	-298.37	0.0	1232.87	-399.12	-387.75	2.396e+04	5.442e+04	3.343e+04
		1.567e+04	4.601e+04	1.33e-03	0.0	11.6	1232.87	-548.28	-387.75	2.396e+04	5.021e+04	2.541e+04
						23.2	1232.87	-697.49	-387.75	2.396e+04	4.601e+04	1.567e+04
4	6	-4588.39	-3.454e+04	-2.48e-03	-298.37	0.0	244.21	-753.87	284.80	3.327e+04	-4.694e+04	-4588.39
		-1.577e+04	-4.694e+04	-1.81e-03	0.0	11.6	244.21	-903.03	284.80	3.327e+04	-4.074e+04	-9314.46
						23.2	244.21	-1052.24	284.80	3.327e+04	-3.454e+04	-1.577e+04
4	7	3.356e+04	5.406e+04	5.30e-04	-298.37	0.0	1216.80	-396.92	-383.58	2.391e+04	5.406e+04	3.356e+04
		1.578e+04	3.964e+04	1.32e-03	0.0	11.6	1216.80	-546.08	-383.58	2.391e+04	4.685e+04	2.553e+04
						23.2	1216.80	-695.29	-383.58	2.391e+04	3.964e+04	1.578e+04
4	25	2.168e+04	3202.90	3.68e-04	-298.37	0.0	-2228.79	-405.31	-168.77	2.617e+04	3202.90	2.168e+04
		3314.46	-1.996e+04	2.12e-04	0.0	11.6	-2228.79	-554.47	-168.77	2.617e+04	-8378.46	1.336e+04
						23.2	-2228.79	-703.68	-168.77	2.617e+04	-1.996e+04	3314.46
4	28	7289.01	2.507e+04	-2.32e-03	-298.37	0.0	3689.81	-745.49	69.99	3.102e+04	3916.10	7289.01
		-3303.44	3916.10	-6.97e-04	0.0	11.6	3689.81	-894.65	69.99	3.102e+04	1.449e+04	2856.54
						23.2	3689.81	-1043.86	69.99	3.102e+04	2.507e+04	-3303.44
4	34	5546.54	-1.811e+04	-1.67e-03	-298.37	0.0	488.45	-656.85	110.97	3.077e+04	-2.062e+04	5546.54
		-7416.65	-2.062e+04	-9.92e-04	0.0	11.6	488.45	-806.02	110.97	3.077e+04	-1.937e+04	-71.31
						23.2	488.45	-955.22	110.97	3.077e+04	-1.811e+04	-7416.65
4	35	2.343e+04	2.774e+04	-2.84e-04	-298.37	0.0	972.57	-493.94	-209.75	2.641e+04	2.774e+04	2.343e+04
		7427.67	2.322e+04	5.07e-04	0.0	11.6	972.57	-643.10	-209.75	2.641e+04	2.548e+04	1.629e+04
						23.2	972.57	-792.31	-209.75	2.641e+04	2.322e+04	7427.67
4	38	5488.62	-1.518e+04	-1.67e-03	-298.37	0.0	496.18	-657.84	109.02	3.080e+04	-2.046e+04	5488.62
		-7466.92	-2.046e+04	-9.89e-04	0.0	11.6	496.18	-807.00	109.02	3.080e+04	-1.782e+04	-125.40
						23.2	496.18	-956.21	109.02	3.080e+04	-1.518e+04	-7466.92
4	39	2.348e+04	2.758e+04	-2.76e-04	-298.37	0.0	964.83	-492.95	-207.80	2.638e+04	2.758e+04	2.348e+04
		7477.95	2.029e+04	5.04e-04	0.0	11.6	964.83	-642.11	-207.80	2.638e+04	2.394e+04	1.634e+04
						23.2	964.83	-791.32	-207.80	2.638e+04	2.029e+04	7477.95
4	57	1.771e+04	3186.99	-3.60e-04	-298.37	0.0	-651.15	-497.44	-103.98	2.750e+04	3186.99	1.771e+04
		1452.75	-8017.50	-3.48e-05	0.0	11.6	-651.15	-646.60	-103.98	2.750e+04	-2415.25	1.045e+04
						23.2	-651.15	-795.81	-103.98	2.750e+04	-8017.50	1452.75
4	60	1.126e+04	1.312e+04	-1.59e-03	-298.37	0.0	2112.17	-653.36	5.19	2.969e+04	3932.02	1.126e+04
		-1441.72	3932.02	-4.50e-04	0.0	11.6	2112.17	-802.52	5.19	2.969e+04	8527.60	5773.35
						23.2	2112.17	-951.73	5.19	2.969e+04	1.312e+04	-1441.72
4	66	6299.65	-1.638e+04	-1.61e-03	-298.37	0.0	508.72	-649.95	97.48	3.059e+04	-1.859e+04	6299.65
		-6792.10	-1.859e+04	-9.29e-04	0.0	11.6	508.72	-799.11	97.48	3.059e+04	-1.748e+04	617.52
						23.2	508.72	-948.32	97.48	3.059e+04	-1.638e+04	-6792.10
4	67	2.267e+04	2.571e+04	-3.42e-04	-298.37	0.0	952.29	-500.84	-196.26	2.659e+04	2.571e+04	2.267e+04
		6803.12	2.148e+04	4.44e-04	0.0	11.6	952.29	-650.00	-196.26	2.659e+04	2.360e+04	1.560e+04

4	70	6246.67	-1.370e+04	-1.61e-03	-298.37	23.2	952.29	-799.21	-196.26	2.659e+04	2.148e+04	6803.12
		-6838.11	-1.844e+04	-9.26e-04	0.0	0.0	515.81	-650.86	95.69	3.061e+04	-1.844e+04	6246.67
						11.6	515.81	-800.02	95.69	3.061e+04	-1.607e+04	568.03
4	71	2.273e+04	2.556e+04	-3.35e-04	-298.37	23.2	515.81	-949.23	95.69	3.061e+04	-1.370e+04	-6838.11
		6849.14	1.880e+04	4.42e-04	0.0	0.0	945.21	-499.94	-194.48	2.657e+04	2.556e+04	2.273e+04
						11.6	945.21	-649.10	-194.48	2.657e+04	2.218e+04	1.565e+04
4	89	1.744e+04	3213.66	-4.12e-04	-298.37	23.2	945.21	-798.31	-194.48	2.657e+04	1.880e+04	6849.14
		1328.27	-7126.01	-5.25e-05	0.0	0.0	-534.44	-504.06	-99.34	2.759e+04	3213.66	1.744e+04
						11.6	-534.44	-653.22	-99.34	2.759e+04	-1956.18	1.025e+04
4	92	1.154e+04	1.223e+04	-1.54e-03	-298.37	23.2	-534.44	-802.43	-99.34	2.759e+04	-7126.01	1328.27
		-1317.24	3905.35	-4.32e-04	0.0	0.0	1995.46	-646.74	0.55	2.959e+04	3905.35	1.154e+04
						11.6	1995.46	-795.90	0.55	2.959e+04	8068.52	5973.36
6	6	2371.16	1.018e+05	6.22e-03	-211.84	23.2	1995.46	-945.11	0.55	2.959e+04	1.223e+04	-1317.24
		-2.803e+04	8.451e+04	-9.79e-05	0.0	0.0	-2670.12	-504.43	-416.12	3.586e+04	1.018e+05	2371.16
						21.0	-2676.43	-610.27	-416.12	3.586e+04	9.316e+04	-1.172e+04
6	7	7836.74	-2.209e+04	6.25e-03	-211.84	42.0	-2682.75	-716.27	-416.12	3.586e+04	8.451e+04	-2.803e+04
		-2.195e+04	-5.063e+04	1.12e-03	0.0	0.0	255.20	-381.43	682.74	5.787e+04	-5.063e+04	7836.74
						21.0	248.88	-487.27	682.74	5.787e+04	-3.636e+04	-5946.16
6	18	1.026e+04	1.084e+05	5.91e-03	-211.84	42.0	242.56	-593.27	682.74	5.787e+04	-2.209e+04	-2.195e+04
		-1.780e+04	8.914e+04	-4.16e-04	0.0	0.0	-2064.57	-530.57	-463.99	3.551e+04	1.084e+05	1.026e+04
						21.0	-2070.89	-636.41	-463.99	3.551e+04	9.875e+04	-2656.77
6	19	-54.28	-2.672e+04	6.56e-03	-211.84	42.0	-2077.21	-742.41	-463.99	3.551e+04	8.914e+04	-1.780e+04
		-3.219e+04	-5.717e+04	1.47e-03	0.0	0.0	-350.35	-355.28	730.61	5.822e+04	-5.717e+04	-54.28
						21.0	-356.66	-461.13	730.61	5.822e+04	-4.195e+04	-1.501e+04
6	25	-3343.04	-1703.50	6.67e-03	-211.84	42.0	-362.98	-567.13	730.61	5.822e+04	-2.672e+04	-3.219e+04
		-3.650e+04	-2.125e+04	1.03e-03	0.0	0.0	-1071.45	-367.62	471.10	5.450e+04	-2.125e+04	-3343.04
						21.0	-1077.76	-473.46	471.10	5.450e+04	-1.148e+04	-1.881e+04
6	28	1.355e+04	7.245e+04	5.80e-03	-211.84	42.0	-1084.08	-579.46	471.10	5.450e+04	-1703.50	-3.650e+04
		-1.349e+04	6.412e+04	-3.65e-05	0.0	0.0	-1343.47	-518.23	-204.48	3.923e+04	7.245e+04	1.355e+04
						21.0	-1349.79	-624.07	-204.48	3.923e+04	6.828e+04	1142.28
6	38	3806.68	6.169e+04	6.23e-03	-211.84	42.0	-1356.11	-730.07	-204.48	3.923e+04	6.412e+04	-1.349e+04
		-2.644e+04	5.645e+04	2.49e-04	0.0	0.0	-1903.73	-472.01	-126.80	4.165e+04	6.169e+04	3806.68
						21.0	-1910.04	-577.85	-126.80	4.165e+04	5.907e+04	-1.021e+04
6	39	6401.22	5965.52	6.24e-03	-211.84	42.0	-1916.36	-683.85	-126.80	4.165e+04	5.645e+04	-2.644e+04
		-2.354e+04	-1.050e+04	8.04e-04	0.0	0.0	-511.20	-413.85	393.43	5.208e+04	-1.050e+04	6401.22
						21.0	-517.51	-519.69	393.43	5.208e+04	-2267.37	-7458.94
6	50	7477.37	6.432e+04	6.08e-03	-211.84	42.0	-523.83	-625.69	393.43	5.208e+04	5965.52	-2.354e+04
		-2.165e+04	5.832e+04	9.12e-05	0.0	0.0	-1610.44	-484.16	-146.06	4.153e+04	6.432e+04	7477.37
						21.0	-1616.75	-590.00	-146.06	4.153e+04	6.132e+04	-5975.47
6	51	2730.53	4097.56	6.39e-03	-211.84	42.0	-1623.07	-696.00	-146.06	4.153e+04	5.832e+04	-2.165e+04
		-2.833e+04	-1.313e+04	9.62e-04	0.0	0.0	-804.49	-401.70	412.69	5.220e+04	-1.313e+04	2730.53
						21.0	-810.80	-507.54	412.69	5.220e+04	-4517.26	-1.169e+04
6	57	1186.86	1.600e+04	6.45e-03	-211.84	42.0	-817.12	-613.54	412.69	5.220e+04	4097.56	-2.833e+04
		-3.037e+04	3952.47	7.57e-04	0.0	0.0	-1148.98	-407.61	289.32	5.043e+04	3952.47	1186.86
						21.0	-1155.29	-513.45	289.32	5.043e+04	9975.87	-1.348e+04
6	60	9021.04	4.724e+04	6.03e-03	-211.84	42.0	-1161.61	-619.45	289.32	5.043e+04	1.600e+04	-3.037e+04
		-1.962e+04	4.641e+04	2.96e-04	0.0	0.0	-1265.94	-478.25	-22.70	4.331e+04	4.724e+04	9021.04
						21.0	-1272.25	-584.09	-22.70	4.331e+04	4.683e+04	-4187.81
6	70	3921.15	5.865e+04	6.23e-03	-211.84	42.0	-1278.58	-690.09	-22.70	4.331e+04	4.641e+04	-1.962e+04
		-2.631e+04	5.432e+04	2.73e-04	0.0	0.0	-1845.22	-469.46	-104.92	4.209e+04	5.865e+04	3921.15
						21.0	-1851.53	-575.30	-104.92	4.209e+04	5.649e+04	-1.008e+04
6	71	6286.75	8089.73	6.24e-03	-211.84	42.0	-1857.85	-681.30	-104.92	4.209e+04	5.432e+04	-2.631e+04
		-2.367e+04	-7462.97	7.81e-04	0.0	0.0	-569.71	-416.40	371.55	5.164e+04	-7462.97	6286.75
						21.0	-576.02	-522.24	371.55	5.164e+04	313.38	-7581.60
6	82	7273.58	6.105e+04	6.10e-03	-211.84	42.0	-582.34	-628.24	371.55	5.164e+04	8089.73	-2.367e+04
		-2.194e+04	5.603e+04	1.28e-04	0.0	0.0	-1576.46	-480.61	-122.48	4.199e+04	6.105e+04	7273.58
						21.0	-1582.77	-586.45	-122.48	4.199e+04	5.854e+04	-6220.48
6	83	2934.32	6386.14	6.38e-03	-211.84	42.0	-1589.09	-692.45	-122.48	4.199e+04	5.603e+04	-2.194e+04
		-2.805e+04	-9862.61	9.25e-04	0.0	0.0	-838.46	-405.24	389.10	5.175e+04	-9862.61	2934.32
						21.0	-844.77	-511.08	389.10	5.175e+04	-1738.24	-1.144e+04
6	89	1524.19	1.729e+04	6.43e-03	-211.84	42.0	-851.10	-617.09	389.10	5.175e+04	6386.14	-2.805e+04
		-2.990e+04	5786.03	7.37e-04	0.0	0.0	-1154.03	-410.59	276.10	5.012e+04	5786.03	1524.19
						21.0	-1160.34	-516.44	276.10	5.012e+04	1.154e+04	-1.308e+04
6	92	8683.71	4.540e+04	6.05e-03	-211.84	42.0	-1166.67	-622.44	276.10	5.012e+04	1.729e+04	-2.990e+04
		-2.008e+04	4.513e+04	3.16e-04	0.0	0.0	-1260.89	-475.26	-9.48	4.361e+04	4.540e+04	8683.71
						21.0	-1267.20	-581.10	-9.48	4.361e+04	4.527e+04	-4587.89
7	6	1.830e+04	-277.68	0.02	-503.97	42.0	-1273.52	-687.10	-9.48	4.361e+04	4.513e+04	-2.008e+04
		-1.424e+04	-4203.81	-5.30e-03	0.0	0.0	127.80	310.95	11.70	-1.246e+04	-4203.81	-1.424e+04
						169.2	157.80	58.96	11.70	-1.246e+04	-2240.75	1.712e+04
7	7	3079.46	4539.75	-0.02	-503.97	338.4	187.80	-193.02	11.70	-1.246e+04	-277.68	5859.44
		-4.911e+04	-8442.23	5.85e-03	0.0	0.0	-739.75	109.85	38.27	-5295.57	-8442.23	-863.78
						169.2	-709.75	-142.14	38.27	-5295.57	-1951.24	-3670.10
7	14	1.930e+04	-966.15	0.02	-503.97	338.4	-679.75	-394.12	38.27	-5295.57	4539.75	-4.911e+04
		-1.611e+04	-4073.12	-8.09e-03	0.0	0.0	122.31	324.47	9.29	-1.275e+04	-4073.12	-1.611e+04
						169.2	152.31	72.49	9.29	-1.275e+04	-2519.64	1.754e+04
7	15	4090.35	5228.23	-0.02	-503.97	338.4	182.31	-179.49	9.29	-1.275e+04	-966.15	8568.01
						0.0	-734.26	96.32	40.68	-5004.97	-8572.93	1005.44

		-5.181e+04	-8572.93	8.58e-03	0.0	169.2	-704.26	-155.66	40.68	-5004.97	-1672.35	-4089.77
						338.4	-674.26	-407.65	40.68	-5004.97	5228.23	-5.181e+04
7	38	1.168e+04	986.73	-9.27e-03	-503.97	0.0	-99.89	258.11	18.67	-1.059e+04	-5314.96	-1.071e+04
		-1.071e+04	-5314.96	2.57e-03	0.0	169.2	-69.89	6.12	18.67	-1.059e+04	-2164.11	1.168e+04
						338.4	-39.89	-245.86	18.67	-1.059e+04	986.73	-8568.79
7	39	4458.77	3275.34	-0.01	-503.97	0.0	-512.06	162.69	31.30	-7168.04	-7331.09	-4395.33
		-3.468e+04	-7331.09	4.63e-03	0.0	169.2	-482.06	-89.30	31.30	-7168.04	-2027.88	1778.24
						338.4	-452.06	-341.28	31.30	-7168.04	3275.34	-3.468e+04
7	46	1.187e+04	657.59	-9.51e-03	-503.97	0.0	-102.61	264.54	17.52	-1.072e+04	-5252.35	-1.160e+04
		-1.160e+04	-5252.35	-3.76e-03	0.0	169.2	-72.61	12.56	17.52	-1.072e+04	-2297.38	1.187e+04
						338.4	-42.61	-239.43	17.52	-1.072e+04	657.59	-7283.18
7	47	4671.02	3604.48	-0.01	-503.97	0.0	-509.34	156.25	32.45	-7030.53	-7393.70	-3502.24
		-3.596e+04	-7393.70	5.03e-03	0.0	169.2	-479.34	-95.73	32.45	-7030.53	-1894.61	1581.98
						338.4	-449.34	-347.71	32.45	-7030.53	3604.48	-3.596e+04
7	70	1.126e+04	1082.93	-8.99e-03	-503.97	0.0	-117.22	254.09	19.20	-1.044e+04	-5399.67	-1.044e+04
		-1.044e+04	-5399.67	2.65e-03	0.0	169.2	-87.22	2.11	19.20	-1.044e+04	-2158.37	1.126e+04
						338.4	-57.22	-249.87	19.20	-1.044e+04	1082.93	-9666.29
7	71	4618.95	3179.14	-9.21e-03	-503.97	0.0	-494.73	166.70	30.77	-7311.58	-7246.37	-4661.19
		-3.358e+04	-7246.37	4.54e-03	0.0	169.2	-464.73	-85.29	30.77	-7311.58	-2033.62	2194.06
						338.4	-434.73	-337.27	30.77	-7311.58	3179.14	-3.358e+04
7	78	1.144e+04	781.41	-9.21e-03	-503.97	0.0	-119.71	259.99	18.14	-1.057e+04	-5342.31	-1.126e+04
		-1.126e+04	-5342.31	-3.43e-03	0.0	169.2	-89.71	8.00	18.14	-1.057e+04	-2280.45	1.144e+04
						338.4	-59.71	-243.98	18.14	-1.057e+04	781.41	-8488.78
7	79	4813.45	3480.66	-9.22e-03	-503.97	0.0	-492.24	160.80	31.83	-7185.64	-7303.74	-3843.06
		-3.476e+04	-7303.74	4.90e-03	0.0	169.2	-462.24	-91.18	31.83	-7185.64	-1911.54	2014.37
						338.4	-432.24	-343.16	31.83	-7185.64	3480.66	-3.476e+04
8	5	7.027e+04	3.221e+04	0.01	-288.56	0.0	2819.66	-441.14	-90.34	-3570.93	3.221e+04	7.027e+04
		4.481e+04	2.840e+04	-3.05e-03	0.0	21.2	2819.66	-591.92	-90.34	-3570.93	3.031e+04	5.906e+04
						42.3	2819.66	-729.71	-90.34	-3570.93	2.840e+04	4.481e+04
8	6	6.762e+04	2.742e+04	0.01	-288.56	0.0	2404.42	-451.27	-76.52	-5174.52	2.742e+04	6.762e+04
		4.215e+04	2.418e+04	-3.74e-03	0.0	21.2	2404.42	-602.05	-76.52	-5174.52	2.580e+04	5.641e+04
						42.3	2404.42	-739.84	-76.52	-5174.52	2.418e+04	4.215e+04
8	7	9.335e+04	-2.680e+04	0.02	-288.56	0.0	-2554.14	-380.98	69.48	2935.81	-2.974e+04	9.335e+04
		7.018e+04	-2.974e+04	3.22e-03	0.0	21.2	-2554.14	-531.76	69.48	2935.81	-2.827e+04	8.329e+04
						42.3	-2554.14	-669.54	69.48	2935.81	-2.680e+04	7.018e+04
8	8	9.070e+04	-3.102e+04	0.02	-288.56	0.0	-2969.39	-391.11	83.30	1332.22	-3.454e+04	9.070e+04
		6.753e+04	-3.454e+04	2.53e-03	0.0	21.2	-2969.39	-541.89	83.30	1332.22	-3.278e+04	8.064e+04
						42.3	-2969.39	-679.67	83.30	1332.22	-3.102e+04	6.753e+04
8	37	7.559e+04	1.471e+04	0.01	-288.56	0.0	1301.38	-428.12	-44.79	-2299.25	1.471e+04	7.559e+04
		5.073e+04	1.282e+04	-1.60e-03	0.0	21.2	1301.38	-578.90	-44.79	-2299.25	1.376e+04	6.469e+04
						42.3	1301.38	-716.69	-44.79	-2299.25	1.282e+04	5.073e+04
8	38	7.436e+04	1.250e+04	0.01	-288.56	0.0	1110.13	-432.79	-38.44	-3034.11	1.250e+04	7.436e+04
		4.949e+04	1.087e+04	-1.92e-03	0.0	21.2	1110.13	-583.57	-38.44	-3034.11	1.169e+04	6.345e+04
						42.3	1110.13	-721.35	-38.44	-3034.11	1.087e+04	4.949e+04
8	39	8.660e+04	-1.350e+04	0.02	-288.56	0.0	-1259.86	-399.46	31.40	795.40	-1.483e+04	8.660e+04
		6.284e+04	-1.483e+04	1.40e-03	0.0	21.2	-1259.86	-550.24	31.40	795.40	-1.416e+04	7.625e+04
						42.3	-1259.86	-688.03	31.40	795.40	-1.350e+04	6.284e+04
8	40	8.537e+04	-1.544e+04	0.02	-288.56	0.0	-1451.10	-404.13	37.75	60.54	-1.703e+04	8.537e+04
		6.161e+04	-1.703e+04	1.08e-03	0.0	21.2	-1451.10	-554.91	37.75	60.54	-1.624e+04	7.501e+04
						42.3	-1451.10	-692.70	37.75	60.54	-1.544e+04	6.161e+04
8	69	7.600e+04	1.337e+04	0.01	-288.56	0.0	1185.70	-427.11	-41.32	-2200.57	1.337e+04	7.600e+04
		5.119e+04	1.163e+04	-1.49e-03	0.0	21.2	1185.70	-577.89	-41.32	-2200.57	1.250e+04	6.512e+04
						42.3	1185.70	-715.68	-41.32	-2200.57	1.163e+04	5.119e+04
8	70	7.487e+04	1.135e+04	0.01	-288.56	0.0	1010.68	-431.38	-35.51	-2872.99	1.135e+04	7.487e+04
		5.005e+04	9849.67	-1.78e-03	0.0	21.2	1010.68	-582.16	-35.51	-2872.99	1.060e+04	6.399e+04
						42.3	1010.68	-719.95	-35.51	-2872.99	9849.67	5.005e+04
8	71	8.609e+04	-1.247e+04	0.02	-288.56	0.0	-1160.40	-400.87	28.47	634.28	-1.368e+04	8.609e+04
		6.228e+04	-1.368e+04	1.26e-03	0.0	21.2	-1160.40	-551.65	28.47	634.28	-1.308e+04	7.571e+04
						42.3	-1160.40	-689.43	28.47	634.28	-1.247e+04	6.228e+04
8	72	8.496e+04	-1.425e+04	0.02	-288.56	0.0	-1335.43	-405.14	34.28	-38.14	-1.570e+04	8.496e+04
		6.115e+04	-1.570e+04	9.68e-04	0.0	21.2	-1335.43	-555.92	34.28	-38.14	-1.498e+04	7.458e+04
						42.3	-1335.43	-693.70	34.28	-38.14	-1.425e+04	6.115e+04
9	5	2576.30	2.121e+04	0.02	-184.62	0.0	1862.56	-1421.46	-499.23	-2.644e+04	2.121e+04	2576.30
		-6.465e+04	165.87	-2.44e-03	0.0	21.2	1862.56	-1520.27	-499.23	-2.644e+04	1.069e+04	-3.006e+04
						42.3	1862.56	-1606.08	-499.23	-2.644e+04	165.87	-6.465e+04
9	6	-488.87	1.797e+04	0.02	-184.62	0.0	1580.37	-1451.73	-426.11	-2.941e+04	1.797e+04	-488.87
		-6.848e+04	-100.30	-3.06e-03	0.0	21.2	1580.37	-1550.53	-426.11	-2.941e+04	8935.75	-3.351e+04
						42.3	1580.37	-1636.35	-426.11	-2.941e+04	-100.30	-6.848e+04
9	7	3.951e+04	-1909.23	0.02	-184.62	0.0	-1709.59	-1165.08	463.81	-1.379e+04	-2.158e+04	3.951e+04
		-1.709e+04	-2.158e+04	2.45e-03	0.0	21.2	-1709.59	-1263.89	463.81	-1.379e+04	-1.174e+04	1.219e+04
						42.3	-1709.59	-1349.71	463.81	-1.379e+04	-1909.23	-1.709e+04
9	8	3.645e+04	-2175.40	0.02	-184.62	0.0	-1991.78	-1195.35	536.94	-1.676e+04	-2.481e+04	3.645e+04
		-2.092e+04	-2.481e+04	1.83e-03	0.0	21.2	-1991.78	-1294.15	536.94	-1.676e+04	-1.349e+04	8738.36
						42.3	-1991.78	-1379.97	536.94	-1.676e+04	-2175.40	-2.092e+04
9	37	1.141e+04	9138.34	0.02	-184.62	0.0	851.45	-1362.61	-227.50	-2.393e+04	9138.34	1.141e+04
		-5.325e+04	-450.10	-1.33e-03	0.0	21.2	851.45	-1461.42	-227.50	-2.393e+04	4344.12	-1.994e+04
						42.3	851.45	-1547.23	-227.50	-2.393e+04	-450.10	-5.325e+04

9	38	9972.46 -5.504e+04	7648.25 -572.33	0.02 -1.62e-03	-184.62 0.0	0.0 21.2	721.61 721.61	-1376.56 -1475.36	-193.81-2.529e+04 -193.81-2.529e+04	7648.25 3537.96-2.156e+04	9972.46 -572.33-5.504e+04
9	39	2.905e+04 -3.053e+04	-1437.21 -1.125e+04	0.02 1.01e-03	-184.62 0.0	0.0 21.2	-850.84 -850.84	-1240.25 -1339.06	231.52-1.791e+04 231.52-1.791e+04	-1.125e+04 -6345.02	2.905e+04 239.37
9	40	2.762e+04 -3.232e+04	-1559.44 -1.274e+04	0.02 7.18e-04	-184.62 0.0	0.0 21.2	-980.67 -980.67	-1254.20 -1353.00	265.21-1.927e+04 265.21-1.927e+04	-1.274e+04 -1715.18	2.762e+04 -1377.07
9	69	1.209e+04 -5.237e+04	8218.81 -496.76	0.02 -1.24e-03	-184.62 0.0	0.0 21.2	774.45 774.45	-1358.07 -1456.87	-206.80-2.373e+04 -206.80-2.373e+04	8218.81 3861.03-1.916e+04	1.209e+04 -496.76-5.237e+04
9	70	1.077e+04 -5.401e+04	6855.05 -608.62	0.02 -1.51e-03	-184.62 0.0	0.0 21.2	655.63 655.63	-1370.83 -1469.64	-175.96-2.498e+04 -175.96-2.498e+04	6855.05 3123.22-2.064e+04	1.077e+04 -608.62-5.401e+04
9	71	2.825e+04 -3.156e+04	-1400.91 -1.046e+04	0.02 9.00e-04	-184.62 0.0	0.0 21.2	-784.85 -784.85	-1245.98 -1344.79	213.67-1.822e+04 213.67-1.822e+04	-1.046e+04 -5930.28	2.825e+04 -675.99
9	72	2.694e+04 -3.320e+04	-1512.77 -1.182e+04	0.02 6.32e-04	-184.62 0.0	0.0 21.2	-903.67 -903.67	-1258.74 -1357.55	244.51-1.947e+04 244.51-1.947e+04	-1.182e+04 -6668.09	2.694e+04 -2156.02
11	5	-3.691e+04 -8.086e+04	5.759e+04 5.082e+04	4.53e-03 7.36e-04	-212.48 0.0	0.0 21.0	-2481.77 -2488.10	-723.08 -829.24	-160.40 -160.40	4.962e+04 4.962e+04	5.759e+04 5.421e+04-5.777e+04
11	8	-2.029e+04 -6.062e+04	2.007e+04 4833.18	4.93e-03 6.71e-04	-212.48 0.0	0.0 21.0	-166.66 -172.99	-703.34 -809.50	361.34 361.34	6.211e+04 6.211e+04	4833.18-2.029e+04 1.245e+04-3.934e+04
11	18	-2.161e+04 -6.173e+04	8.914e+04 6.588e+04	4.76e-03 -4.16e-04	-212.48 0.0	0.0 21.0	-1297.40 -1303.73	-798.32 -904.48	-565.87 -565.87	4.351e+04 4.351e+04	8.914e+04 7.751e+04-4.855e+04
11	19	-3.560e+04 -7.976e+04	5010.25 -2.672e+04	4.70e-03 1.82e-03	-212.48 0.0	0.0 21.0	-1351.03 -1357.36	-628.10 -734.26	766.81 766.81	6.822e+04 6.822e+04	-2.672e+04 -1.085e+04-5.656e+04
11	25	-3.947e+04 -8.459e+04	1.897e+04 -1698.15	4.60e-03 1.43e-03	-212.48 0.0	0.0 21.0	-2002.20 -2008.53	-640.89 -747.05	504.37 504.37	6.370e+04 6.370e+04	-1698.15-3.947e+04 8635.24-6.092e+04
11	28	-1.773e+04 -5.689e+04	6.412e+04 5.192e+04	4.85e-03 -5.28e-05	-212.48 0.0	0.0 21.0	-646.22 -652.55	-785.53 -891.69	-303.43 -303.43	4.803e+04 4.803e+04	6.412e+04 5.802e+04-3.620e+04
11	37	-3.251e+04 -7.552e+04	4.391e+04 4.284e+04	4.64e-03 7.15e-04	-212.48 0.0	0.0 21.0	-1874.86 -1881.19	-718.00 -824.16	-25.23 -25.23	5.287e+04 5.287e+04	4.391e+04 4.284e+04-7.552e+04
11	40	-2.469e+04 -6.596e+04	2.805e+04 1.851e+04	4.82e-03 6.92e-04	-212.48 0.0	0.0 21.0	-773.56 -779.89	-708.42 -814.58	226.18 226.18	5.886e+04 5.886e+04	1.851e+04 2.328e+04-4.421e+04
11	50	-2.534e+04 -6.652e+04	5.832e+04 4.970e+04	4.74e-03 1.88e-04	-212.48 0.0	0.0 21.0	-1316.37 -1322.70	-753.23 -859.39	-211.12 -211.12	5.006e+04 5.006e+04	5.832e+04 5.401e+04-4.482e+04
11	51	-3.186e+04 -7.496e+04	2.119e+04 4104.21	4.72e-03 1.22e-03	-212.48 0.0	0.0 21.0	-1332.05 -1338.38	-673.18 -779.34	412.07 412.07	6.167e+04 6.167e+04	2.119e+04 1.265e+04-3.186e+04
11	57	-3.369e+04 -7.725e+04	2.784e+04 1.601e+04	4.67e-03 1.04e-03	-212.48 0.0	0.0 21.0	-1641.99 -1648.32	-679.29 -785.45	287.34 287.34	5.951e+04 5.951e+04	2.784e+04 2.192e+04-5.435e+04
11	60	-2.352e+04 -6.423e+04	4.642e+04 4.306e+04	4.78e-03 3.70e-04	-212.48 0.0	0.0 21.0	-1006.43 -1012.77	-747.13 -853.29	-86.39 -86.39	5.222e+04 5.222e+04	4.642e+04 4.474e+04-4.276e+04
11	69	-3.216e+04 -7.510e+04	4.285e+04 4.222e+04	4.64e-03 7.14e-04	-212.48 0.0	0.0 21.0	-1828.57 -1834.90	-717.52 -823.68	-14.71 -14.71	5.312e+04 5.312e+04	4.285e+04 4.254e+04-5.252e+04
11	72	-2.504e+04 -6.639e+04	2.867e+04 1.958e+04	4.81e-03 6.93e-04	-212.48 0.0	0.0 21.0	-819.85 -826.18	-708.90 -815.06	215.65 215.65	5.861e+04 5.861e+04	2.867e+04 2.412e+04-4.460e+04
11	82	-2.562e+04 -6.688e+04	5.603e+04 4.850e+04	4.74e-03 2.31e-04	-212.48 0.0	0.0 21.0	-1317.14 -1323.47	-749.78 -855.94	-184.81 -184.81	5.055e+04 5.055e+04	5.603e+04 5.226e+04-4.514e+04
11	83	-3.158e+04 -7.460e+04	2.240e+04 6392.79	4.72e-03 1.18e-03	-212.48 0.0	0.0 21.0	-1331.29 -1337.62	-676.64 -782.80	385.76 385.76	6.118e+04 6.118e+04	2.240e+04 1.439e+04-5.197e+04
11	89	-3.324e+04 -7.669e+04	2.848e+04 1.729e+04	4.68e-03 1.01e-03	-212.48 0.0	0.0 21.0	-1615.17 -1621.50	-682.17 -788.33	271.51 271.51	5.920e+04 5.920e+04	2.848e+04 2.889e+04-5.385e+04
11	92	-2.396e+04 -6.480e+04	4.513e+04 4.241e+04	4.78e-03 3.98e-04	-212.48 0.0	0.0 21.0	-1033.25 -1039.58	-744.25 -850.41	-70.57 -70.57	5.253e+04 5.253e+04	4.513e+04 4.377e+04-4.326e+04
14	1	-8.460e+04 -1.378e+05	5.066e+04 4.519e+04	7.45e-04 1.18e-03	-213.12 0.0	0.0 21.0	-2454.25 -2460.60	-937.34 -1043.82	-216.34 -216.34	4.831e+04 4.831e+04	5.066e+04 4.793e+04-1.101e+05

14	4	-6.478e+04	3.116e+04	1.48e-03	-213.12	42.0	-2466.96	-1150.46	-216.34	4.831e+04	4.519e+04	-1.378e+05
		-1.143e+05	2.025e+04	6.32e-04	0.0	0.0	-481.37	-908.86	345.16	6.220e+04	2.025e+04	-6.478e+04
						21.0	-487.72	-1015.35	345.16	6.220e+04	2.570e+04	-8.841e+04
14	18	-6.589e+04	6.589e+04	1.34e-03	-213.12	42.0	-494.08	-1121.99	345.16	6.220e+04	3.116e+04	-1.143e+05
		-1.153e+05	3.277e+04	-3.38e-04	0.0	0.0	-1025.63	-1010.10	-557.12	4.245e+04	6.589e+04	-6.589e+04
						21.0	-1031.98	-1116.58	-557.12	4.245e+04	4.933e+04	-8.946e+04
14	19	-8.349e+04	4.358e+04	8.42e-04	-213.12	42.0	-1038.34	-1223.22	-557.12	4.245e+04	3.277e+04	-1.153e+05
		-1.368e+05	5017.40	2.15e-03	0.0	0.0	-1909.99	-836.11	685.94	6.807e+04	5017.40	-8.349e+04
						21.0	-1916.34	-942.59	685.94	6.807e+04	2.430e+04	-1.090e+05
14	25	-8.820e+04	4.717e+04	7.09e-04	-213.12	42.0	-1922.70	-1049.23	685.94	6.807e+04	4.358e+04	-1.368e+05
		-1.426e+05	1.897e+04	1.80e-03	0.0	0.0	-2362.66	-851.63	420.40	6.333e+04	1.897e+04	-8.820e+04
						21.0	-2369.01	-958.11	420.40	6.333e+04	3.307e+04	-1.143e+05
14	28	-6.118e+04	5.193e+04	1.57e-03	-213.12	42.0	-2375.37	-1064.76	420.40	6.333e+04	4.717e+04	-1.426e+05
		-1.095e+05	2.918e+04	-2.20e-05	0.0	0.0	-572.96	-994.57	-291.58	4.719e+04	5.193e+04	-6.118e+04
						21.0	-579.31	-1101.05	-291.58	4.719e+04	4.056e+04	-8.423e+04
14	33	-7.938e+04	4.277e+04	9.05e-04	-213.12	42.0	-585.67	-1207.69	-291.58	4.719e+04	2.918e+04	-1.095e+05
		-1.316e+05	4.149e+04	1.03e-03	0.0	0.0	-1935.13	-929.94	-70.84	5.193e+04	4.277e+04	-7.938e+04
						21.0	-1941.48	-1036.42	-70.84	5.193e+04	4.213e+04	-1.044e+05
14	36	-6.999e+04	3.486e+04	1.25e-03	-213.12	42.0	-1947.84	-1143.06	-70.84	5.193e+04	4.149e+04	-1.316e+05
		-1.205e+05	2.813e+04	7.79e-04	0.0	0.0	-1000.48	-916.27	199.67	5.859e+04	2.813e+04	-6.999e+04
						21.0	-1006.83	-1022.75	199.67	5.859e+04	3.150e+04	-9.411e+04
14	50	-7.056e+04	4.971e+04	1.19e-03	-213.12	42.0	-1013.19	-1129.39	199.67	5.859e+04	3.486e+04	-1.205e+05
		-1.210e+05	3.565e+04	3.31e-04	0.0	0.0	-1264.80	-963.81	-226.46	4.924e+04	4.971e+04	-7.056e+04
						21.0	-1271.15	-1070.29	-226.46	4.924e+04	2.688e+04	-9.465e+04
14	51	-7.882e+04	4.070e+04	9.55e-04	-213.12	42.0	-1277.51	-1176.93	-226.46	4.924e+04	3.565e+04	-1.210e+05
		-1.311e+05	2.120e+04	1.48e-03	0.0	0.0	-1670.82	-882.40	355.29	6.128e+04	2.120e+04	-7.882e+04
						21.0	-1677.17	-988.88	355.29	6.128e+04	3.095e+04	-1.039e+05
14	57	-8.105e+04	4.240e+04	8.85e-04	-213.12	42.0	-1683.53	-1095.52	355.29	6.128e+04	4.070e+04	-1.311e+05
		-1.338e+05	2.784e+04	1.31e-03	0.0	0.0	-1885.66	-889.73	228.96	5.901e+04	2.784e+04	-8.105e+04
						21.0	-1892.01	-996.21	228.96	5.901e+04	3.512e+04	-1.063e+05
14	60	-6.833e+04	4.306e+04	1.28e-03	-213.12	42.0	-1898.37	-1102.86	228.96	5.901e+04	4.240e+04	-1.338e+05
		-1.183e+05	3.395e+04	4.95e-04	0.0	0.0	-1049.96	-956.47	-100.13	5.150e+04	4.306e+04	-6.833e+04
						21.0	-1056.31	-1062.95	-100.13	5.150e+04	3.851e+04	-9.217e+04
14	65	-7.896e+04	4.216e+04	9.18e-04	-213.12	42.0	-1062.67	-1169.59	-100.13	5.150e+04	3.395e+04	-1.183e+05
		-1.311e+05	4.121e+04	1.02e-03	0.0	0.0	-1895.79	-929.29	-59.52	5.220e+04	4.216e+04	-7.896e+04
						21.0	-1902.14	-1035.77	-59.52	5.220e+04	4.168e+04	-1.039e+05
14	68	-7.042e+04	3.514e+04	1.23e-03	-213.12	42.0	-1908.50	-1142.41	-59.52	5.220e+04	4.121e+04	-1.311e+05
		-1.210e+05	2.875e+04	7.90e-04	0.0	0.0	-1039.82	-916.92	188.35	5.831e+04	2.875e+04	-7.042e+04
						21.0	-1046.17	-1023.40	188.35	5.831e+04	3.194e+04	-9.457e+04
14	82	-7.092e+04	4.850e+04	1.17e-03	-213.12	42.0	-1052.53	-1130.04	188.35	5.831e+04	3.514e+04	-1.210e+05
		-1.214e+05	3.586e+04	3.80e-04	0.0	0.0	-1282.02	-960.29	-201.91	4.975e+04	4.850e+04	-7.092e+04
						21.0	-1288.37	-1066.77	-201.91	4.975e+04	4.218e+04	-9.505e+04
14	83	-7.846e+04	4.048e+04	9.63e-04	-213.12	42.0	-1294.73	-1173.41	-201.91	4.975e+04	3.586e+04	-1.214e+05
		-1.307e+05	2.240e+04	1.43e-03	0.0	0.0	-1653.59	-885.92	330.73	6.076e+04	2.240e+04	-7.846e+04
						21.0	-1659.94	-992.40	330.73	6.076e+04	3.144e+04	-1.035e+05
14	89	-8.049e+04	4.204e+04	8.99e-04	-213.12	42.0	-1666.30	-1099.04	330.73	6.076e+04	4.048e+04	-1.307e+05
		-1.332e+05	2.849e+04	1.28e-03	0.0	0.0	-1850.36	-892.57	215.02	5.869e+04	2.849e+04	-8.049e+04
						21.0	-1856.71	-999.05	215.02	5.869e+04	3.526e+04	-1.057e+05
14	92	-6.888e+04	4.242e+04	1.26e-03	-213.12	42.0	-1863.07	-1105.69	215.02	5.869e+04	4.204e+04	-1.332e+05
		-1.189e+05	3.431e+04	5.30e-04	0.0	0.0	-1085.26	-953.64	-86.19	5.183e+04	4.242e+04	-6.888e+04
						21.0	-1091.61	-1060.12	-86.19	5.183e+04	3.836e+04	-9.279e+04
15	2	4.271e+04	-2.143e+04	-6.45e-03	-479.18	42.0	-1097.97	-1166.76	-86.19	5.183e+04	3.431e+04	-1.189e+05
		2.102e+04	-5.305e+04	-2.62e-03	0.0	0.0	207.55	764.94	-651.49	290.54	-2.143e+04	2.102e+04
						20.4	207.55	525.73	-651.49	290.54	-3.724e+04	3.431e+04
15	3	4.475e+04	6.453e+04	-5.15e-03	-479.18	40.8	207.55	285.77	-651.49	290.54	-5.305e+04	4.271e+04
		3.126e+04	3.151e+04	2.00e-03	0.0	0.0	435.67	535.97	683.36	1.947e+04	3.151e+04	3.126e+04
						20.4	435.67	296.76	683.36	1.947e+04	4.802e+04	4.044e+04
15	5	4.073e+04	-2.696e+04	-5.06e-03	-479.18	40.8	435.67	56.80	683.36	1.947e+04	6.453e+04	4.475e+04
		1.941e+04	-4.191e+04	-2.52e-03	0.0	0.0	14.28	801.67	-506.53	1433.94	-2.696e+04	1.941e+04
						20.4	14.28	562.45	-506.53	1433.94	-3.443e+04	3.251e+04
15	9	4.411e+04	-5023.83	-7.02e-03	-479.18	40.8	14.28	322.49	-506.53	1433.94	-4.191e+04	4.073e+04
		2.272e+04	-9558.40	-1.88e-03	0.0	0.0	-258.31	746.30	-20.98	3060.07	-9558.40	2.272e+04
						20.4	-258.31	507.08	-20.98	3060.07	-7291.11	3.586e+04
15	12	4.335e+04	1.964e+04	-4.58e-03	-479.18	40.8	-258.31	267.12	-20.98	3060.07	-5023.83	4.411e+04
		2.956e+04	1.650e+04	1.27e-03	0.0	0.0	901.53	554.62	52.85	1.670e+04	1.964e+04	2.956e+04
						20.4	901.53	315.40	52.85	1.670e+04	1.807e+04	3.890e+04
15	28	4.771e+04	2.324e+04	-0.01	-479.18	40.8	901.53	75.44	52.85	1.670e+04	1.650e+04	4.335e+04
		3.064e+04	3392.66	8.09e-05	0.0	0.0	657.53	548.40	-32.09	1.055e+04	2.324e+04	3.064e+04
						20.4	657.53	309.18	-32.09	1.055e+04	1.332e+04	4.162e+04
15	34	4.326e+04	-7631.33	-6.12e-03	-479.18	40.8	657.53	69.22	-32.09	1.055e+04	3392.66	4.771e+04
		2.369e+04	-2.221e+04	-1.41e-03	0.0	0.0	268.05	705.42	-301.06	5308.18	-7631.33	2.369e+04
						20.4	268.05	466.20	-301.06	5308.18	-1.492e+04	3.592e+04
15	35	4.420e+04	3.369e+04	-5.48e-03	-479.18	40.8	268.05	226.24	-301.06	5308.18	-2.221e+04	4.326e+04
		2.859e+04	1.771e+04	7.98e-04	0.0	0.0	375.17	595.50	332.93	1.445e+04	1.771e+04	2.859e+04
						20.4	375.17	356.28	332.93	1.445e+04	2.570e+04	3.883e+04
15	37	4.235e+04	-1.018e+04	-5.48e-03	-479.18	40.8	375.17	116.32	332.93	1.445e+04	3.369e+04	4.420e+04
						0.0	179.96	722.24	-234.00	5839.27	-1.018e+04	2.295e+04

		2.295e+04	-1.706e+04	-1.36e-03	0.0	20.4	179.96	483.02	-234.00	5839.27	-1.362e+04	3.509e+04
						40.8	179.96	243.07	-234.00	5839.27	-1.706e+04	4.235e+04
15	41	4.391e+04	546.66	-6.36e-03	-479.18	0.0	48.37	695.70	-2.46	6621.31	-1860.17	2.453e+04
		2.453e+04	-1860.17	-1.06e-03	0.0	20.4	48.37	456.48	-2.46	6621.31	-656.75	3.666e+04
						40.8	48.37	216.52	-2.46	6621.31	546.66	4.391e+04
15	44	4.355e+04	1.194e+04	-5.24e-03	-479.18	0.0	594.85	605.22	34.33	1.314e+04	1.194e+04	2.775e+04
		2.775e+04	1.093e+04	4.43e-04	0.0	20.4	594.85	366.00	34.33	1.314e+04	1.143e+04	3.809e+04
						40.8	594.85	126.04	34.33	1.314e+04	1.093e+04	4.355e+04
15	60	4.555e+04	1.359e+04	-7.84e-03	-479.18	0.0	474.61	602.91	-3.81	1.022e+04	1.359e+04	2.825e+04
		2.825e+04	4872.83	-1.24e-04	0.0	20.4	474.61	363.69	-3.81	1.022e+04	9230.66	3.934e+04
						40.8	474.61	123.73	-3.81	1.022e+04	4872.83	4.555e+04
15	66	4.330e+04	-6568.30	-6.09e-03	-479.18	0.0	272.56	700.81	-274.41	5692.32	-6568.30	2.390e+04
		2.390e+04	-1.986e+04	-1.32e-03	0.0	20.4	272.56	461.59	-274.41	5692.32	-1.322e+04	3.604e+04
						40.8	272.56	221.64	-274.41	5692.32	-1.986e+04	4.330e+04
15	67	4.416e+04	3.134e+04	-5.51e-03	-479.18	0.0	370.66	600.11	306.28	1.407e+04	1.665e+04	2.838e+04
		2.838e+04	1.665e+04	7.05e-04	0.0	20.4	370.66	360.89	306.28	1.407e+04	2.399e+04	3.871e+04
						40.8	370.66	120.93	306.28	1.407e+04	3.134e+04	4.416e+04
15	69	4.247e+04	-8904.63	-5.50e-03	-479.18	0.0	191.96	716.21	-213.03	6178.49	-8904.63	2.322e+04
		2.322e+04	-1.515e+04	-1.27e-03	0.0	20.4	191.96	476.99	-213.03	6178.49	-1.203e+04	3.529e+04
						40.8	191.96	237.03	-213.03	6178.49	-1.515e+04	4.247e+04
15	73	4.389e+04	981.13	-6.31e-03	-479.18	0.0	71.39	691.89	-0.94	6894.89	-1279.33	2.467e+04
		2.467e+04	-1279.33	-9.93e-04	0.0	20.4	71.39	452.67	-0.94	6894.89	-149.10	3.672e+04
						40.8	71.39	212.71	-0.94	6894.89	981.13	4.389e+04
15	76	4.356e+04	1.136e+04	-5.29e-03	-479.18	0.0	571.83	609.03	32.81	1.286e+04	1.136e+04	2.762e+04
		2.762e+04	1.049e+04	3.80e-04	0.0	20.4	571.83	369.81	32.81	1.286e+04	1.093e+04	3.803e+04
						40.8	571.83	129.85	32.81	1.286e+04	1.049e+04	4.356e+04
15	92	4.540e+04	1.287e+04	-7.66e-03	-479.18	0.0	461.60	606.93	-2.07	1.019e+04	1.287e+04	2.807e+04
		2.807e+04	4951.31	-1.40e-04	0.0	20.4	461.60	367.71	-2.07	1.019e+04	8909.41	3.917e+04
						40.8	461.60	127.75	-2.07	1.019e+04	4951.31	4.540e+04
16	13	2.243e+04	1.419e+04	-0.04	-526.66	0.0	-1805.33	393.46	101.67	1296.23	-2.160e+04	-2.930e+04
		-2.930e+04	-2.160e+04	8.37e-03	0.0	175.8	-1820.10	130.13	101.67	1296.23	-3701.37	1.676e+04
						351.7	-1834.87	-133.19	101.67	1296.23	1.419e+04	1.653e+04
16	14	2.969e+04	1.107e+04	-0.05	-526.66	0.0	-1127.71	443.99	79.94	934.59	-1.702e+04	-3.620e+04
		-3.620e+04	-1.702e+04	6.87e-03	0.0	175.8	-1142.47	180.66	79.94	934.59	-2975.45	1.882e+04
						351.7	-1157.24	-82.67	79.94	934.59	1.107e+04	2.753e+04
16	15	8769.87	2.989e+04	0.03	-526.66	0.0	772.11	72.22	-131.88	3713.13	2.989e+04	7067.53
		-6.034e+04	-1.646e+04	-0.01	0.0	175.8	757.35	-191.11	-131.88	3713.13	6719.34	-3485.94
						351.7	742.58	-454.44	-131.88	3713.13	-1.646e+04	-6.034e+04
16	16	5157.99	3.447e+04	0.02	-526.66	0.0	1449.74	122.74	-153.61	3351.49	3.447e+04	172.03
		-4.934e+04	-1.958e+04	-0.01	0.0	175.8	1434.97	-140.59	-153.61	3351.49	7445.26	-1431.26
						351.7	1420.21	-403.91	-153.61	3351.49	-1.958e+04	-4.934e+04
16	45	1.320e+04	5346.46	-0.03	-526.66	0.0	-948.09	322.96	34.83	1836.99	-6916.11	-2.163e+04
		-2.163e+04	-6916.11	2.58e-03	0.0	175.8	-962.85	59.63	34.83	1836.99	-784.83	1.202e+04
						351.7	-977.62	-203.69	34.83	1836.99	5346.46	-629.89
16	46	1.523e+04	3873.69	-0.03	-526.66	0.0	-631.05	346.55	24.57	1666.99	-4755.75	-2.485e+04
		-2.485e+04	-4755.75	1.87e-03	0.0	175.8	-645.82	83.22	24.57	1666.99	-441.03	1.298e+04
						351.7	-660.59	-180.11	24.57	1666.99	3873.69	4505.57
16	47	5291.31	1.763e+04	8.32e-03	-526.66	0.0	275.46	169.66	-76.51	2980.74	1.763e+04	-4281.14
		-3.731e+04	-9262.01	-7.24e-03	0.0	175.8	260.69	-93.67	-76.51	2980.74	4184.92	2353.37
						351.7	245.93	-357.00	-76.51	2980.74	-9262.01	-3.731e+04
16	48	4949.79	1.979e+04	5.67e-03	-526.66	0.0	592.49	193.24	-86.76	2810.74	1.979e+04	-7499.47
		-3.218e+04	-1.073e+04	-7.95e-03	0.0	175.8	577.72	-70.09	-86.76	2810.74	4528.71	3311.95
						351.7	562.96	-333.41	-86.76	2810.74	-1.073e+04	-3.218e+04
16	77	1.259e+04	4670.92	-0.02	-526.66	0.0	-883.26	317.52	29.72	1877.95	-5794.29	-2.104e+04
		-2.104e+04	-5794.29	2.14e-03	0.0	175.8	-898.03	54.19	29.72	1877.95	-561.68	1.165e+04
						351.7	-912.79	-209.13	29.72	1877.95	4670.92	-1953.01
16	78	1.443e+04	3322.23	-0.03	-526.66	0.0	-593.00	339.11	20.33	1722.28	-3815.87	-2.399e+04
		-2.399e+04	-3815.87	1.63e-03	0.0	175.8	-607.76	75.78	20.33	1722.28	-246.82	1.253e+04
						351.7	-622.53	-187.54	20.33	1722.28	3322.23	2748.60
16	79	5246.03	1.669e+04	6.89e-03	-526.66	0.0	237.40	177.09	-72.27	2925.44	1.669e+04	-5145.62
		-3.556e+04	-8710.55	-6.86e-03	0.0	175.8	222.64	-86.24	-72.27	2925.44	3990.70	2799.62
						351.7	207.87	-349.56	-72.27	2925.44	-8710.55	-3.556e+04
16	80	5075.59	1.867e+04	4.46e-03	-526.66	0.0	527.67	198.68	-81.66	2769.78	1.867e+04	-8092.06
		-3.085e+04	-1.006e+04	-7.51e-03	0.0	175.8	512.90	-64.65	-81.66	2769.78	4305.57	3677.21
						351.7	498.14	-327.97	-81.66	2769.78	-1.006e+04	-3.085e+04
17	2	-6.320e+04	6988.58	1.48e-03	-497.04	0.0	3225.35	-1965.26	140.93	-1.291e+04	1423.38	-6.320e+04
		-1.522e+05	1423.38	-5.32e-03	0.0	20.4	3225.35	-2213.41	140.93	-1.291e+04	4205.98	-1.052e+05
						40.8	3225.35	-2462.30	140.93	-1.291e+04	6988.58	-1.522e+05
17	3	-7.251e+04	-4798.57	-1.20e-03	-497.04	0.0	-3287.88	-2048.42	-215.26	2.435e+04	-4798.57	-7.251e+04
		-1.648e+05	-1.339e+04	5.17e-03	0.0	20.4	-3287.88	-2296.57	-215.26	2.435e+04	-9095.79	-1.161e+05
						40.8	-3287.88	-2545.46	-215.26	2.435e+04	-1.339e+04	-1.648e+05
17	5	-6.090e+04	3475.88	1.20e-03	-497.04	0.0	3225.38	-1913.88	93.19	-1.049e+04	-220.33	-6.090e+04
		-1.481e+05	-220.33	-4.51e-03	0.0	20.4	3225.38	-2162.03	93.19	-1.049e+04	1627.78	-1.020e+05
						40.8	3225.38	-2410.92	93.19	-1.049e+04	3475.88	-1.481e+05
17	8	-7.481e+04	-3154.86	-7.98e-04	-497.04	0.0	-3287.91	-2099.80	-167.51	2.194e+04	-3154.86	-7.481e+04
		-1.689e+05	-9880.32	4.36e-03	0.0	20.4	-3287.91	-2347.95	-167.51	2.194e+04	-6517.59	-1.193e+05
						40.8	-3287.91	-2596.84	-167.51	2.194e+04	-9880.32	-1.689e+05

17	34 -6.563e+04	1629.04	1.15e-03	-497.04	0.0	1517.10	-1987.08	47.21	-3159.97	-217.39 -6.563e+04
	-1.555e+05	-217.39	-2.58e-03	0.0	20.4	1517.10	-2235.23	47.21	-3159.97	705.83 -1.080e+05
					40.8	1517.10	-2484.12	47.21	-3159.97	1629.04 -1.555e+05
17	35 -7.008e+04	-3157.81	6.77e-04	-497.04	0.0	-1579.63	-2026.60	-121.54	1.461e+04	-3157.81 -7.008e+04
	-1.615e+05	-8033.47	2.43e-03	0.0	20.4	-1579.63	-2274.75	-121.54	1.461e+04	-5595.64 -1.133e+05
					40.8	-1579.63	-2523.64	-121.54	1.461e+04	-8033.47 -1.615e+05
17	37 -6.458e+04	-0.98	1.03e-03	-497.04	0.0	1517.32	-1963.65	25.13	-2036.43	-981.54 -6.458e+04
	-1.536e+05	-981.54	-2.20e-03	0.0	20.4	1517.32	-2211.80	25.13	-2036.43	-491.26 -1.066e+05
					40.8	1517.32	-2460.70	25.13	-2036.43	-0.98 -1.536e+05
17	40 -7.114e+04	-2393.65	7.74e-04	-497.04	0.0	-1579.85	-2050.03	-99.45	1.348e+04	-2393.65 -7.114e+04
	-1.634e+05	-6403.45	2.05e-03	0.0	20.4	-1579.85	-2298.17	-99.45	1.348e+04	-4398.55 -1.147e+05
					40.8	-1579.85	-2547.07	-99.45	1.348e+04	-6403.45 -1.634e+05
17	66 -6.582e+04	1222.70	1.13e-03	-497.04	0.0	1386.96	-1988.75	40.11	-2414.15	-341.15 -6.582e+04
	-1.558e+05	-341.15	-2.37e-03	0.0	20.4	1386.96	-2236.89	40.11	-2414.15	440.78 -1.083e+05
					40.8	1386.96	-2485.79	40.11	-2414.15	1222.70 -1.558e+05
17	67 -6.989e+04	-3034.04	6.94e-04	-497.04	0.0	-1449.49	-2024.93	-114.44	1.386e+04	-3034.04 -6.989e+04
	-1.612e+05	-7627.14	2.22e-03	0.0	20.4	-1449.49	-2273.08	-114.44	1.386e+04	-5330.59 -1.130e+05
					40.8	-1449.49	-2521.98	-114.44	1.386e+04	-7627.14 -1.612e+05
17	69 -6.486e+04	-269.39	1.02e-03	-497.04	0.0	1387.17	-1967.31	19.90	-1385.73	-1040.68 -6.486e+04
	-1.540e+05	-1040.68	-2.02e-03	0.0	20.4	1387.17	-2215.46	19.90	-1385.73	-655.04 -1.630e+05
					40.8	1387.17	-2464.35	19.90	-1385.73	-269.39 -1.540e+05
17	72 -7.086e+04	-2334.51	7.84e-04	-497.04	0.0	-1449.70	-2046.37	-94.22	1.283e+04	-2334.51 -7.086e+04
	-1.630e+05	-6135.04	1.87e-03	0.0	20.4	-1449.70	-2294.52	-94.22	1.283e+04	-4234.78 -1.144e+05
					40.8	-1449.70	-2543.41	-94.22	1.283e+04	-6135.04 -1.630e+05
18	5 -2.912e+04	-7622.18	-2.30e-03	-298.75	0.0	2054.52	-1129.30	1110.90	2.658e+04	-2.487e+04 -2.912e+04
	-6.113e+04	-2.487e+04	-1.53e-03	0.0	11.6	2054.52	-1278.66	1110.90	2.658e+04	-1.624e+04 -4.426e+04
					23.2	2054.52	-1428.06	1110.90	2.658e+04	-7622.18 -6.113e+04
18	6 -3.080e+04	2986.56	-3.37e-03	-298.75	0.0	3985.94	-1310.21	1500.27	2.856e+04	-2.030e+04 -3.080e+04
	-6.504e+04	-2.030e+04	-2.07e-03	0.0	11.6	3985.94	-1459.57	1500.27	2.856e+04	-8654.61 -4.706e+04
					23.2	3985.94	-1608.97	1500.27	2.856e+04	2986.56 -6.504e+04
18	7 -1.149e+04	2.455e+04	6.31e-04	-298.75	0.0	-1898.34	-1532.48	-1321.35	1.399e+04	2.455e+04 -1.149e+04
	-4.754e+04	5554.50	1.58e-03	0.0	11.6	-1898.34	-1681.83	-1321.35	1.399e+04	1.505e+04 -2.865e+04
					23.2	-1898.34	-1831.23	-1321.35	1.399e+04	5554.50 -4.754e+04
18	8 -1.317e+04	2.912e+04	-4.41e-04	-298.75	0.0	33.08	-1713.39	-931.98	1.598e+04	2.912e+04 -1.317e+04
	-5.145e+04	1.616e+04	1.04e-03	0.0	11.6	33.08	-1862.74	-931.98	1.598e+04	2.264e+04 -3.144e+04
					23.2	33.08	-2012.14	-931.98	1.598e+04	1.616e+04 -5.145e+04
18	18 -2.617e+04	2.001e+04	-3.52e-03	-298.75	0.0	4867.11	-1651.29	1166.79	2.645e+04	1003.29 -2.617e+04
	-6.449e+04	1003.29	-1.65e-03	0.0	11.6	4867.11	-1800.64	1166.79	2.645e+04	1.051e+04 -4.446e+04
					23.2	4867.11	-1950.04	1166.79	2.645e+04	2.001e+04 -6.449e+04
18	19 -1.613e+04	3246.77	7.81e-04	-298.75	0.0	-2779.51	-1191.40	-987.88	1.611e+04	3246.77 -1.613e+04
	-4.808e+04	-1.147e+04	1.17e-03	0.0	11.6	-2779.51	-1340.76	-987.88	1.611e+04	-4110.64 -3.124e+04
					23.2	-2779.51	-1490.16	-987.88	1.611e+04	-1.147e+04 -4.808e+04
18	37 -2.497e+04	-1283.93	-1.81e-03	-298.75	0.0	1530.66	-1285.83	578.59	2.382e+04	-1.071e+04 -2.497e+04
	-5.860e+04	-1.071e+04	-8.65e-04	0.0	11.6	1530.66	-1435.19	578.59	2.382e+04	-5998.98 -4.092e+04
					23.2	1530.66	-1584.59	578.59	2.382e+04	-1283.93 -5.860e+04
18	38 -2.575e+04	3658.66	-2.30e-03	-298.75	0.0	2430.81	-1368.83	759.51	2.474e+04	-8599.79 -2.575e+04
	-6.041e+04	-8599.79	-1.12e-03	0.0	11.6	2430.81	-1518.19	759.51	2.474e+04	-2470.56 -4.221e+04
					23.2	2430.81	-1667.59	759.51	2.474e+04	3658.66 -6.041e+04
18	39 -1.655e+04	1.285e+04	-4.33e-04	-298.75	0.0	-343.21	-1473.86	-580.60	1.782e+04	1.285e+04 -1.655e+04
	-5.216e+04	4882.40	6.28e-04	0.0	11.6	-343.21	-1623.21	-580.60	1.782e+04	8866.12 -3.349e+04
					23.2	-343.21	-1772.61	-580.60	1.782e+04	4882.40 -5.216e+04
18	40 -1.732e+04	1.496e+04	-9.25e-04	-298.75	0.0	556.94	-1556.86	-399.68	1.873e+04	1.496e+04 -1.732e+04
	-5.397e+04	9824.98	3.78e-04	0.0	11.6	556.94	-1706.21	-399.68	1.873e+04	1.239e+04 -3.478e+04
					23.2	556.94	-1855.61	-399.68	1.873e+04	9824.98 -5.397e+04
18	50 -2.350e+04	1.160e+04	-2.36e-03	-298.75	0.0	2829.64	-1526.51	594.35	2.369e+04	1475.73 -2.350e+04
	-6.010e+04	1475.73	-9.07e-04	0.0	11.6	2829.64	-1675.86	594.35	2.369e+04	6535.99 -4.094e+04
					23.2	2829.64	-1825.26	594.35	2.369e+04	1.160e+04 -6.010e+04
18	51 -1.879e+04	2774.33	-3.75e-04	-298.75	0.0	-742.04	-1316.18	-415.43	1.886e+04	2774.33 -1.879e+04
	-5.247e+04	-3055.19	4.20e-04	0.0	11.6	-742.04	-1465.54	-415.43	1.886e+04	-140.43 -3.477e+04
					23.2	-742.04	-1614.94	-415.43	1.886e+04	-3055.19 -5.247e+04
18	69 -2.465e+04	-814.80	-1.77e-03	-298.75	0.0	1489.88	-1297.30	537.56	2.361e+04	-9635.01 -2.465e+04
	-5.841e+04	-9635.01	-8.13e-04	0.0	11.6	1489.88	-1446.65	537.56	2.361e+04	-5224.91 -4.066e+04
					23.2	1489.88	-1596.06	537.56	2.361e+04	-814.80 -5.841e+04
18	70 -2.536e+04	3710.02	-2.22e-03	-298.75	0.0	2313.96	-1373.26	703.18	2.445e+04	-7699.81 -2.536e+04
	-6.006e+04	-7699.81	-1.04e-03	0.0	11.6	2313.96	-1522.61	703.18	2.445e+04	-1994.89 -4.185e+04
					23.2	2313.96	-1672.01	703.18	2.445e+04	3710.02 -6.006e+04
18	71 -1.693e+04	1.195e+04	-5.12e-04	-298.75	0.0	-226.36	-1469.43	-524.26	1.811e+04	1.195e+04 -1.693e+04
	-5.251e+04	4831.04	5.55e-04	0.0	11.6	-226.36	-1618.79	-524.26	1.811e+04	8390.45 -3.386e+04
					23.2	-226.36	-1768.19	-524.26	1.811e+04	4831.04 -5.251e+04
18	72 -1.765e+04	1.389e+04	-9.63e-04	-298.75	0.0	597.72	-1545.39	-358.65	1.895e+04	1.389e+04 -1.765e+04
	-5.416e+04	9355.86	3.26e-04	0.0	11.6	597.72	-1694.74	-358.65	1.895e+04	1.162e+04 -3.504e+04
					23.2	597.72	-1844.14	-358.65	1.895e+04	9355.86 -5.416e+04
18	82 -2.330e+04	1.098e+04	-2.28e-03	-298.75	0.0	2678.81	-1517.57	551.75	2.349e+04	1527.66 -2.330e+04
	-5.978e+04	1527.66	-8.51e-04	0.0	11.6	2678.81	-1666.93	551.75	2.349e+04	6252.27 -4.068e+04
					23.2	2678.81	-1816.33	551.75	2.349e+04	1.098e+04 -5.978e+04
18	83 -1.899e+04	2722.39	-4.60e-04	-298.75	0.0	-591.21	-1325.12	-372.83	1.907e+04	2722.39 -1.899e+04
	-5.280e+04	-2435.82	3.64e-04	0.0	11.6	-591.21	-1474.47	-372.83	1.907e+04	143.28 -3.503e+04

						23.2	-591.21	-1623.87	-372.83	1.907e+04	-2435.82	-5.280e+04
19	6-2.085e+04	-5.252e+04	-3.42e-04	-297.03	0.0	0.0	3879.19	922.53	191.03	1.225e+04	-5.841e+04	-4.665e+04
	-4.665e+04	-5.841e+04	-6.38e-04	0.0	11.6	11.6	3879.19	774.04	191.03	1.225e+04	-5.547e+04	-3.289e+04
					23.2	23.2	3879.19	625.50	191.03	1.225e+04	-5.252e+04	-2.085e+04
19	7-4.887e+04	6154.53	-3.01e-03	-297.03	0.0	0.0	-4393.71	1284.24	671.09	2.025e+04	-8172.00	-7.139e+04
	-7.139e+04	-8172.00	3.13e-04	0.0	11.6	11.6	-4393.71	1135.75	671.09	2.025e+04	-1008.74	-5.927e+04
					23.2	23.2	-4393.71	987.21	671.09	2.025e+04	6154.53	-4.887e+04
19	18-1.495e+04	-5.946e+04	-3.08e-04	-297.03	0.0	0.0	2128.63	941.20	471.82	1.386e+04	-7.029e+04	-4.153e+04
	-4.153e+04	-7.029e+04	-5.87e-04	0.0	11.6	11.6	2128.63	792.71	471.82	1.386e+04	-6.488e+04	-2.738e+04
					23.2	23.2	2128.63	644.17	471.82	1.386e+04	-5.946e+04	-1.495e+04
19	19-5.477e+04	1.309e+04	-3.05e-03	-297.03	0.0	0.0	-2643.15	1265.57	390.30	1.865e+04	3712.37	-7.651e+04
	-7.651e+04	3712.37	2.63e-04	0.0	11.6	11.6	-2643.15	1117.08	390.30	1.865e+04	8402.61	-6.478e+04
					23.2	23.2	-2643.15	968.54	390.30	1.865e+04	1.309e+04	-5.477e+04
19	26-1.420e+04	-5.712e+04	-2.83e-04	-297.03	0.0	0.0	2275.88	933.88	491.32	1.380e+04	-6.826e+04	-4.070e+04
	-4.070e+04	-6.826e+04	-6.53e-04	0.0	11.6	11.6	2275.88	785.39	491.32	1.380e+04	-6.269e+04	-2.659e+04
					23.2	23.2	2275.88	636.85	491.32	1.380e+04	-5.712e+04	-1.420e+04
19	27-5.552e+04	1.075e+04	-3.07e-03	-297.03	0.0	0.0	-2790.40	1272.90	370.80	1.871e+04	1683.06	-7.735e+04
	-7.735e+04	1683.06	3.29e-04	0.0	11.6	11.6	-2790.40	1124.41	370.80	1.871e+04	6217.78	-6.557e+04
					23.2	23.2	-2790.40	975.87	370.80	1.871e+04	1.075e+04	-5.552e+04
19	38-2.840e+04	-3.702e+04	-1.05e-03	-297.03	0.0	0.0	1710.95	1018.22	316.14	1.435e+04	-4.508e+04	-5.330e+04
	-5.330e+04	-4.508e+04	-3.89e-04	0.0	11.6	11.6	1710.95	869.73	316.14	1.435e+04	-4.105e+04	-3.999e+04
					23.2	23.2	1710.95	721.19	316.14	1.435e+04	-3.702e+04	-2.840e+04
19	39-4.132e+04	-9346.88	-2.30e-03	-297.03	0.0	0.0	-2225.47	1188.55	545.98	1.816e+04	-2.150e+04	-6.475e+04
	-6.475e+04	-2.150e+04	6.46e-05	0.0	11.6	11.6	-2225.47	1040.06	545.98	1.816e+04	-1.542e+04	-5.217e+04
					23.2	23.2	-2225.47	891.52	545.98	1.816e+04	-9346.88	-4.132e+04
19	50-2.568e+04	-4.013e+04	-1.04e-03	-297.03	0.0	0.0	864.13	1028.35	448.92	1.513e+04	-5.055e+04	-5.094e+04
	-5.094e+04	-5.055e+04	-3.62e-04	0.0	11.6	11.6	864.13	879.86	448.92	1.513e+04	-4.534e+04	-3.745e+04
					23.2	23.2	864.13	731.32	448.92	1.513e+04	-4.013e+04	-2.568e+04
19	51-4.404e+04	-6241.89	-2.31e-03	-297.03	0.0	0.0	-1378.66	1178.43	413.20	1.738e+04	-1.603e+04	-6.711e+04
	-6.711e+04	-1.603e+04	3.78e-05	0.0	11.6	11.6	-1378.66	1029.94	413.20	1.738e+04	-1.114e+04	-5.471e+04
					23.2	23.2	-1378.66	881.40	413.20	1.738e+04	-6241.89	-4.404e+04
19	58-2.534e+04	-3.903e+04	-1.03e-03	-297.03	0.0	0.0	934.30	1024.97	458.06	1.510e+04	-4.959e+04	-5.055e+04
	-5.055e+04	-4.959e+04	-3.93e-04	0.0	11.6	11.6	934.30	876.48	458.06	1.510e+04	-4.431e+04	-3.709e+04
					23.2	23.2	934.30	727.94	458.06	1.510e+04	-3.903e+04	-2.534e+04
19	59-4.438e+04	-7342.14	-2.32e-03	-297.03	0.0	0.0	-1448.83	1181.81	404.06	1.741e+04	-1.699e+04	-6.749e+04
	-6.749e+04	-1.699e+04	6.88e-05	0.0	11.6	11.6	-1448.83	1033.32	404.06	1.741e+04	-1.216e+04	-5.508e+04
					23.2	23.2	-1448.83	884.78	404.06	1.741e+04	-7342.14	-4.438e+04
19	70-2.895e+04	-3.586e+04	-1.10e-03	-297.03	0.0	0.0	1545.55	1025.40	325.78	1.451e+04	-4.409e+04	-5.378e+04
	-5.378e+04	-4.409e+04	-3.70e-04	0.0	11.6	11.6	1545.55	876.91	325.78	1.451e+04	-3.997e+04	-4.051e+04
					23.2	23.2	1545.55	728.37	325.78	1.451e+04	-3.586e+04	-2.895e+04
19	71-4.077e+04	-1.051e+04	-2.25e-03	-297.03	0.0	0.0	-2060.07	1181.37	536.34	1.800e+04	-2.249e+04	-6.426e+04
	-6.426e+04	-2.249e+04	4.56e-05	0.0	11.6	11.6	-2060.07	1032.88	536.34	1.800e+04	-1.650e+04	-5.166e+04
					23.2	23.2	-2060.07	884.34	536.34	1.800e+04	-1.051e+04	-4.077e+04
19	82-2.646e+04	-3.870e+04	-1.10e-03	-297.03	0.0	0.0	769.58	1034.70	447.39	1.522e+04	-4.909e+04	-5.162e+04
	-5.162e+04	-4.909e+04	-3.45e-04	0.0	11.6	11.6	769.58	886.21	447.39	1.522e+04	-4.389e+04	-3.818e+04
					23.2	23.2	769.58	737.67	447.39	1.522e+04	-3.870e+04	-2.646e+04
19	83-4.326e+04	-7672.99	-2.26e-03	-297.03	0.0	0.0	-1284.10	1172.07	414.73	1.728e+04	-1.749e+04	-6.642e+04
	-6.642e+04	-1.749e+04	2.09e-05	0.0	11.6	11.6	-1284.10	1023.58	414.73	1.728e+04	-1.258e+04	-5.398e+04
					23.2	23.2	-1284.10	875.04	414.73	1.728e+04	-7672.99	-4.326e+04
19	90-2.615e+04	-3.769e+04	-1.09e-03	-297.03	0.0	0.0	833.86	1031.61	455.75	1.520e+04	-4.822e+04	-5.127e+04
	-5.127e+04	-4.822e+04	-3.73e-04	0.0	11.6	11.6	833.86	883.12	455.75	1.520e+04	-4.295e+04	-3.785e+04
					23.2	23.2	833.86	734.58	455.75	1.520e+04	-3.769e+04	-2.615e+04
19	91-4.357e+04	-8680.48	-2.26e-03	-297.03	0.0	0.0	-1348.38	1175.17	406.36	1.731e+04	-1.836e+04	-6.678e+04
	-6.678e+04	-1.836e+04	4.94e-05	0.0	11.6	11.6	-1348.38	1026.68	406.36	1.731e+04	-1.352e+04	-5.432e+04
					23.2	23.2	-1348.38	878.14	406.36	1.731e+04	-8680.48	-4.357e+04
20	14 2.405e+04	1.591e+05	-0.02	-510.71	0.0	0.0	1.569e+04	1959.14	1849.94	1.650e+04	6.830e+04	-5.962e+04
	-5.962e+04	6.830e+04	-7.44e-04	0.0	23.7	23.7	1.569e+04	1704.20	1849.94	1.650e+04	1.137e+05	-2.475e+04
					47.5	47.5	1.569e+04	1448.43	1849.94	1.650e+04	1.591e+05	2.405e+04
20	15 3.416e+04	-1.999e+04	8.76e-03	-510.71	0.0	0.0	-474.72	1200.02	-2262.57	-5.318e+04	-1.999e+04	-7986.48
	-7986.48	-1.355e+05	1.42e-03	0.0	23.7	23.7	-474.72	945.08	-2262.57	-5.318e+04	-7.775e+04	1.612e+04
					47.5	47.5	-474.72	689.32	-2262.57	-5.318e+04	-1.355e+05	3.416e+04
20	46 2.670e+04	8.201e+04	-8.87e-03	-510.71	0.0	0.0	1.146e+04	1760.80	772.45	-1755.26	4.522e+04	-4.610e+04
	-4.610e+04	4.522e+04	-2.28e-04	0.0	23.7	23.7	1.146e+04	1505.86	772.45	-1755.26	6.361e+04	-6668.75
					47.5	47.5	1.146e+04	1250.09	772.45	-1755.26	8.201e+04	2.670e+04
20	47 3.151e+04	3087.66	2.52e-03	-510.71	0.0	0.0	3753.95	1398.36	-1185.09	-3.493e+04	3087.66	-2.151e+04
	-2.151e+04	-5.837e+04	8.55e-04	0.0	23.7	23.7	3753.95	1143.42	-1185.09	-3.493e+04	-2.764e+04	8031.52
					47.5	47.5	3753.95	887.66	-1185.09	-3.493e+04	-5.837e+04	3.151e+04
20	78 2.690e+04	7.611e+04	-8.40e-03	-510.71	0.0	0.0	1.113e+04	1745.59	690.21	-3148.81	4.345e+04	-4.506e+04
	-4.506e+04	4.345e+04	-1.92e-04	0.0	23.7	23.7	1.113e+04	1490.64	690.21	-3148.81	5.978e+04	-6051.24
					47.5	47.5	1.113e+04	1234.88	690.21	-3148.81	7.611e+04	2.690e+04
20	79 3.130e+04	4856.53	2.04e-03	-510.71	0.0	0.0	4077.44	1413.58	-1102.85	-3.353e+04	4856.53	-2.254e+04
	-2.254e+04	-5.248e+04	8.13e-04	0.0	23.7	23.7	4077.44	1158.64	-1102.85	-3.353e+04	-2.381e+04	7414.02
					47.5	47.5	4077.44	902.87	-1102.85	-3.353e+04	-5.248e+04	3.130e+04
23	7-1.204e+04	6.101e+04	0.01	-504.21	0.0	0.0	7831.77	541.24	230.08	1.066e+04	5.663e+04	-2.776e+04
	-2.776e+04	5.663e+04	-1.17e-04	0.0	23.7	23.7	7831.77	289.54	230.08	1.066e+04	5.882e+04	-1.691e+04
					47.5	47.5	7831.77	37.03	230.08	1.066e+04	6.101e+04	-1.204e+04
23	14-1.682e+04	2395.97	-7.79e-03	-504.21	0.0	0.0	9294.07	273.05	458.14	-1.041e+04	-2644.13	-1.981e+04

		-1.983e+04	-2644.13	-2.13e-03	0.0	23.7	9294.07	21.34	458.14	-1.041e+04	-124.08	-1.682e+04
						47.5	9294.07	-231.16	458.14	-1.041e+04	2395.97	-1.983e+04
23	15	-1.223e+04	5.531e+04	0.01	-504.21	0.0	5790.91	667.05	-255.66	1.237e+04	4.962e+04	-3.297e+04
		-3.297e+04	4.962e+04	9.22e-04	0.0	23.7	5790.91	415.35	-255.66	1.237e+04	5.246e+04	-1.961e+04
						47.5	5790.91	162.84	-255.66	1.237e+04	5.531e+04	-1.223e+04
23	16	-1.280e+04	3.658e+04	0.01	-504.21	0.0	6234.21	718.12	-358.74	1.023e+04	3.255e+04	-3.544e+04
		-3.544e+04	3.255e+04	9.53e-04	0.0	23.7	6234.21	466.42	-358.74	1.023e+04	3.456e+04	-2.113e+04
						47.5	6234.21	213.91	-358.74	1.023e+04	3.658e+04	-1.280e+04
23	26	-1.808e+04	-9196.56	-2.26e-03	-504.21	0.0	8128.04	526.15	-93.75	-5166.17	-1.235e+04	-2.973e+04
		-2.973e+04	-1.235e+04	-7.39e-04	0.0	23.7	8128.04	274.44	-93.75	-5166.17	-1.077e+04	-2.091e+04
						47.5	8128.04	21.93	-93.75	-5166.17	-9196.56	-1.808e+04
23	27	-1.380e+04	6.690e+04	5.71e-03	-504.21	0.0	6956.94	413.96	296.22	7126.91	5.932e+04	-2.305e+04
		-2.305e+04	5.932e+04	-4.70e-04	0.0	23.7	6956.94	162.25	296.22	7126.91	6.311e+04	-1.552e+04
						47.5	6956.94	-90.26	296.22	7126.91	6.690e+04	-1.380e+04
23	39	-1.413e+04	4.408e+04	6.33e-03	-504.21	0.0	7674.11	503.67	161.66	5586.12	3.920e+04	-2.701e+04
		-2.701e+04	3.920e+04	-3.13e-04	0.0	23.7	7674.11	251.97	161.66	5586.12	4.164e+04	-1.757e+04
						47.5	7674.11	-0.54	161.66	5586.12	4.408e+04	-1.413e+04
23	46	-1.695e+04	1.641e+04	-2.81e-03	-504.21	0.0	8372.44	376.22	271.31	-4439.68	1.114e+04	-1.33e-03
		-2.327e+04	1.114e+04	-1.33e-03	0.0	23.7	8372.44	124.52	271.31	-4439.68	1.378e+04	-1.756e+04
						47.5	8372.44	-127.99	271.31	-4439.68	1.641e+04	-2.305e+04
23	47	-1.422e+04	4.129e+04	6.27e-03	-504.21	0.0	6712.54	563.88	-68.83	6400.43	3.583e+04	-2.951e+04
		-2.951e+04	3.583e+04	1.22e-04	0.0	23.7	6712.54	312.17	-68.83	6400.43	3.856e+04	-1.887e+04
						47.5	6712.54	59.67	-68.83	6400.43	4.129e+04	-1.422e+04
23	48	-1.448e+04	3.254e+04	5.93e-03	-504.21	0.0	6919.23	587.69	-117.40	5410.09	2.787e+04	-3.067e+04
		-3.067e+04	2.787e+04	1.40e-04	0.0	23.7	6919.23	335.98	-117.40	5410.09	3.020e+04	-1.958e+04
						47.5	6919.23	83.48	-117.40	5410.09	3.254e+04	-1.448e+04
23	58	-1.698e+04	1.100e+04	-1.72e-04	-504.21	0.0	7816.48	496.08	9.45	-1903.37	6697.54	-2.796e+04
		-2.796e+04	6697.54	-6.63e-04	0.0	23.7	7816.48	244.37	9.45	-1903.37	8850.09	-1.948e+04
						47.5	7816.48	-8.13	9.45	-1903.37	1.100e+04	-1.72e-04
23	59	-1.497e+04	4.670e+04	3.63e-03	-504.21	0.0	7268.50	444.02	193.02	3864.12	4.028e+04	-2.483e+04
		-2.483e+04	4.028e+04	-5.44e-04	0.0	23.7	7268.50	192.32	193.02	3864.12	4.349e+04	-1.695e+04
						47.5	7268.50	-60.19	193.02	3864.12	4.670e+04	-1.497e+04
23	71	-1.429e+04	4.280e+04	5.95e-03	-504.21	0.0	7662.91	500.84	156.56	5199.10	3.788e+04	-2.696e+04
		-2.696e+04	3.788e+04	-3.36e-04	0.0	23.7	7662.91	249.14	156.56	5199.10	4.034e+04	-1.763e+04
						47.5	7662.91	-3.37	156.56	5199.10	4.280e+04	-1.429e+04
23	78	-1.690e+04	1.746e+04	-2.43e-03	-504.21	0.0	8302.62	384.11	257.02	-3984.25	1.218e+04	-1.27e-03
		-2.353e+04	1.218e+04	-1.27e-03	0.0	23.7	8302.62	132.40	257.02	-3984.25	1.482e+04	-1.762e+04
						47.5	8302.62	-120.10	257.02	-3984.25	1.746e+04	-2.43e-03
23	79	-1.437e+04	4.024e+04	5.88e-03	-504.21	0.0	6782.36	556.00	-54.55	5944.99	3.479e+04	-2.925e+04
		-2.925e+04	3.479e+04	6.10e-05	0.0	23.7	6782.36	304.29	-54.55	5944.99	3.752e+04	-1.882e+04
						47.5	6782.36	51.78	-54.55	5944.99	4.024e+04	-1.437e+04
23	80	-1.461e+04	3.223e+04	5.57e-03	-504.21	0.0	6971.58	577.80	-99.02	5038.49	2.750e+04	-3.031e+04
		-3.031e+04	2.750e+04	7.79e-05	0.0	23.7	6971.58	326.09	-99.02	5038.49	2.986e+04	-1.947e+04
						47.5	6971.58	73.58	-99.02	5038.49	3.223e+04	-1.461e+04
23	90	-1.690e+04	1.251e+04	2.13e-04	-504.21	0.0	7793.35	493.88	17.19	-1660.11	8114.40	-2.782e+04
		-2.782e+04	8114.40	-6.58e-04	0.0	23.7	7793.35	242.17	17.19	-1660.11	1.031e+04	-1.393e+04
						47.5	7793.35	-10.34	17.19	-1660.11	1.251e+04	-2.13e-04
23	91	-1.505e+04	4.520e+04	3.47e-03	-504.21	0.0	7291.63	446.23	185.28	3620.86	3.886e+04	-2.496e+04
		-2.496e+04	3.886e+04	-5.49e-04	0.0	23.7	7291.63	194.52	185.28	3620.86	4.203e+04	-1.706e+04
						47.5	7291.63	-57.99	185.28	3620.86	4.520e+04	-1.505e+04
32	5	5.700e+05	5.362e+04	-0.59	-1.656e+04	0.0	-6201.22	7782.67	-125.19	-3181.72	5.362e+04	-7.622e+05
		-1.046e+06	-3.304e+04	5.31e-03	0.0	346.1	-6201.22	-406.45	-125.19	-3181.72	1.029e+04	5.700e+05
						692.2	-6201.22	-8774.54	-125.19	-3181.72	-3.304e+04	-1.046e+06
32	6	5.704e+05	6.564e+04	-0.59	-1.656e+04	0.0	-6538.21	7789.12	-163.12	-4167.76	6.564e+04	-7.641e+05
		-1.043e+06	-4.731e+04	0.02	0.0	346.1	-6538.21	-400.00	-163.12	-4167.76	9165.02	5.704e+05
						692.2	-6538.21	-8768.09	-163.12	-4167.76	-4.731e+04	-1.043e+06
32	7	5.698e+05	6.541e+04	-0.58	-1.656e+04	0.0	-466.14	7839.26	147.57	-5051.14	-3.677e+04	-7.821e+05
		-1.027e+06	-3.677e+04	-0.02	0.0	346.1	-466.14	-349.86	147.57	-5051.14	1.432e+04	5.698e+05
						692.2	-466.14	-8717.95	147.57	-5051.14	6.541e+04	-1.027e+06
32	32	5.709e+05	2.541e+04	-0.59	-1.656e+04	0.0	-3376.21	7831.61	-43.58	-6805.18	2.541e+04	-7.785e+05
		-1.028e+06	-4781.35	0.02	0.0	346.1	-3376.21	-357.52	-43.58	-6805.18	1.032e+04	5.709e+05
						692.2	-3376.21	-8725.60	-43.58	-6805.18	-4781.35	-1.028e+06
32	37	5.700e+05	3.321e+04	-0.59	-1.656e+04	0.0	-4793.03	7799.18	-64.04	-3938.67	3.321e+04	-7.679e+05
		-1.040e+06	-1.112e+04	2.80e-03	0.0	346.1	-4793.03	-389.94	-64.04	-3938.67	1.104e+04	5.700e+05
						692.2	-4793.03	-8758.03	-64.04	-3938.67	-1.112e+04	-1.040e+06
32	38	5.702e+05	3.883e+04	-0.59	-1.656e+04	0.0	-4949.72	7802.19	-81.79	-4395.33	3.883e+04	-7.688e+05
		-1.039e+06	-1.780e+04	7.56e-03	0.0	346.1	-4949.72	-386.93	-81.79	-4395.33	1.052e+04	5.702e+05
						692.2	-4949.72	-8755.02	-81.79	-4395.33	-1.780e+04	-1.039e+06
32	39	5.699e+05	3.590e+04	-0.58	-1.656e+04	0.0	-2054.63	7826.19	66.24	-4823.58	-9962.77	-7.774e+05
		-1.031e+06	-9962.77	-8.27e-03	0.0	346.1	-2054.63	-362.93	66.24	-4823.58	1.297e+04	5.699e+05
						692.2	-2054.63	-8731.02	66.24	-4823.58	3.590e+04	-1.031e+06
32	64	5.705e+05	1.952e+04	-0.59	-1.656e+04	0.0	-3435.32	7822.38	-24.34	-5633.41	1.952e+04	-7.757e+05
		-1.032e+06	2651.75	7.51e-03	0.0	346.1	-3435.32	-366.75	-24.34	-5633.41	1.108e+04	5.705e+05
						692.2	-3435.32	-8734.83	-24.34	-5633.41	2651.75	-1.032e+06
32	69	5.700e+05	3.163e+04	-0.59	-1.656e+04	0.0	-4684.70	7800.44	-59.32	-3995.25	3.163e+04	-7.684e+05
		-1.040e+06	-9429.80	2.60e-03	0.0	346.1	-4684.70	-388.68	-59.32	-3995.25	1.110e+04	5.700e+05
						692.2	-4684.70	-8756.77	-59.32	-3995.25	-9429.80	-1.040e+06

32	70	5.702e+05	3.678e+04	-0.59	-1.656e+04	0.0	-4828.15	7803.19	-75.57	-4413.25	3.678e+04	-7.692e+05
		-1.039e+06	-1.554e+04	6.96e-03	0.0	346.1	-4828.15	-385.93	-75.57	-4413.25	1.062e+04	5.702e+05
						692.2	-4828.15	-8754.02	-75.57	-4413.25	-1.554e+04	-1.039e+06
32	71	5.699e+05	3.364e+04	-0.58	-1.656e+04	0.0	-2176.20	7825.18	60.02	-4805.65	-7913.37	-7.770e+05
		-1.031e+06	-7913.37	-7.71e-03	0.0	346.1	-2176.20	-363.94	60.02	-4805.65	1.287e+04	5.699e+05
						692.2	-2176.20	-8732.03	60.02	-4805.65	3.364e+04	-1.031e+06
32	96	5.705e+05	1.909e+04	-0.59	-1.656e+04	0.0	-3440.78	7821.69	-22.94	-5546.88	1.909e+04	-7.754e+05
		-1.032e+06	3193.72	6.91e-03	0.0	346.1	-3440.78	-367.44	-22.94	-5546.88	1.114e+04	5.705e+05
						692.2	-3440.78	-8735.52	-22.94	-5546.88	3193.72	-1.032e+06
33	6	4.211e+05	1.569e+04	-0.32	-1.594e+04	0.0	-7098.04	8125.98	-125.85	-3945.70	1.569e+04	-9.255e+05
		-9.255e+05	-5.962e+04	5.51e-03	0.0	329.7	-7098.04	64.94	-125.85	-3945.70	-2.196e+04	4.211e+05
						659.3	-7098.04	-7811.22	-125.85	-3945.70	-5.962e+04	-9.255e+05
33	7	4.175e+05	9.600e+04	-0.32	-1.594e+04	0.0	1695.66	8189.18	260.17	861.55	-6.787e+04	-9.502e+05
		-9.502e+05	-6.787e+04	-4.26e-03	0.0	329.7	1695.66	128.13	260.17	861.55	1.406e+04	4.175e+05
						659.3	1695.66	-7748.03	260.17	861.55	9.600e+04	-8.456e+05
33	8	4.179e+05	8.556e+04	-0.32	-1.594e+04	0.0	1344.39	8182.32	233.71	167.82	-7.635e+04	-9.474e+05
		-9.474e+05	-7.635e+04	3.65e-03	0.0	329.7	1344.39	121.28	233.71	167.82	4605.59	4.179e+05
						659.3	1344.39	-7754.88	233.71	167.82	8.556e+04	-8.477e+05
33	18	4.236e+05	-1.935e+04	-0.33	-1.594e+04	0.0	-4406.29	8159.56	-22.56	-3252.21	-2.286e+04	-9.305e+05
		-9.305e+05	-2.286e+04	8.55e-03	0.0	329.7	-4406.29	98.52	-22.56	-3252.21	-2.111e+04	4.236e+05
						659.3	-4406.29	-7777.64	-22.56	-3252.21	-1.935e+04	-9.305e+05
33	38	4.201e+05	-6067.12	-0.32	-1.594e+04	0.0	-4799.01	8142.56	-24.84	-2685.58	-6067.12	-9.320e+05
		-9.320e+05	-1.891e+04	3.05e-03	0.0	329.7	-4799.01	81.52	-24.84	-2685.58	-1.249e+04	4.201e+05
						659.3	-4799.01	-7794.64	-24.84	-2685.58	-1.891e+04	-9.320e+05
33	39	4.184e+05	5.529e+04	-0.32	-1.594e+04	0.0	-603.37	8172.60	159.15	-398.57	-4.611e+04	-9.437e+05
		-9.437e+05	-4.611e+04	-1.76e-03	0.0	329.7	-603.37	111.56	159.15	-398.57	4589.53	4.184e+05
						659.3	-603.37	-7764.61	159.15	-398.57	5.529e+04	-8.502e+05
33	40	4.186e+05	5.044e+04	-0.32	-1.594e+04	0.0	-767.71	8169.43	146.91	-722.08	-5.002e+04	-9.424e+05
		-9.424e+05	-5.002e+04	1.98e-03	0.0	329.7	-767.71	108.39	146.91	-722.08	209.97	4.186e+05
						659.3	-767.71	-7767.77	146.91	-722.08	5.044e+04	-8.511e+05
33	50	4.213e+05	482.70	-0.32	-1.594e+04	0.0	-3510.59	8158.36	24.91	-2346.08	-2.435e+04	-9.344e+05
		-9.344e+05	-2.435e+04	4.42e-03	0.0	329.7	-3510.59	97.31	24.91	-2346.08	-1.193e+04	4.213e+05
						659.3	-3510.59	-7778.85	24.91	-2346.08	482.70	-8.538e+05
33	70	4.201e+05	-7746.23	-0.32	-1.594e+04	0.0	-4622.86	8143.82	-17.11	-2589.54	-7746.23	-9.325e+05
		-9.325e+05	-1.580e+04	2.88e-03	0.0	329.7	-4622.86	82.78	-17.11	-2589.54	-1.177e+04	4.201e+05
						659.3	-4622.86	-7793.38	-17.11	-2589.54	-1.580e+04	-9.325e+05
33	71	4.185e+05	5.217e+04	-0.32	-1.594e+04	0.0	-779.52	8171.34	151.43	-494.61	-4.443e+04	-9.433e+05
		-9.433e+05	-4.443e+04	-1.58e-03	0.0	329.7	-779.52	110.29	151.43	-494.61	3871.20	4.185e+05
						659.3	-779.52	-7765.87	151.43	-494.61	5.217e+04	-8.505e+05
33	72	4.187e+05	4.773e+04	-0.32	-1.594e+04	0.0	-929.99	8168.44	140.22	-790.77	-4.801e+04	-9.420e+05
		-9.420e+05	-4.801e+04	1.88e-03	0.0	329.7	-929.99	107.39	140.22	-790.77	-137.55	4.187e+05
						659.3	-929.99	-7768.77	140.22	-790.77	4.773e+04	-8.514e+05
33	82	4.211e+05	1974.07	-0.32	-1.594e+04	0.0	-3442.53	8158.29	28.47	-2278.28	-2.449e+04	-9.347e+05
		-9.347e+05	-2.449e+04	4.13e-03	0.0	329.7	-3442.53	97.24	28.47	-2278.28	-1.126e+04	4.211e+05
						659.3	-3442.53	-7778.92	28.47	-2278.28	1974.07	-8.538e+05
34	5	4.934e+05	3.803e+04	-0.45	-1.574e+04	0.0	-5681.61	8221.13	-145.84	6609.12	3.803e+04	-9.520e+05
		-9.520e+05	-6.171e+04	-0.03	0.0	339.2	-5681.61	317.47	-145.84	6609.12	-1.184e+04	4.924e+05
						678.3	-5681.61	-7522.07	-145.84	6609.12	-6.171e+04	-9.520e+05
34	8	4.991e+05	5.653e+04	-0.45	-1.574e+04	0.0	1213.31	8277.31	154.68	8484.31	-4.921e+04	-9.667e+05
		-9.667e+05	-4.921e+04	0.03	0.0	339.2	1213.31	373.66	154.68	8484.31	3660.94	4.991e+05
						678.3	1213.31	-7465.88	154.68	8484.31	5.653e+04	-7.069e+05
34	11	4.998e+05	2.112e+04	-0.46	-1.574e+04	0.0	232.35	8284.47	52.30	8200.30	-1.475e+04	-9.687e+05
		-9.687e+05	-1.475e+04	0.03	0.0	339.2	232.35	380.81	52.30	8200.30	3187.09	4.998e+05
						678.3	232.35	-7458.73	52.30	8200.30	2.112e+04	-9.687e+05
34	15	4.998e+05	2.143e+04	-0.46	-1.574e+04	0.0	-70.16	8284.71	53.44	8247.22	-1.521e+04	-9.688e+05
		-9.688e+05	-1.521e+04	0.03	0.0	339.2	-70.16	381.06	53.44	8247.22	3113.50	4.998e+05
						678.3	-70.16	-7458.48	53.44	8247.22	2.143e+04	-9.688e+05
34	20	4.967e+05	6.496e+04	-0.45	-1.574e+04	0.0	-1716.36	8249.18	199.09	8855.01	-7.035e+04	-9.588e+05
		-9.588e+05	-7.035e+04	-0.01	0.0	339.2	-1716.36	345.53	199.09	8855.01	-2694.48	4.967e+05
						678.3	-1716.36	-7494.01	199.09	8855.01	6.496e+04	-9.588e+05
34	37	4.949e+05	1.492e+04	-0.45	-1.574e+04	0.0	-3878.58	8235.79	-66.49	7110.71	1.492e+04	-9.559e+05
		-9.559e+05	-3.056e+04	-0.02	0.0	339.2	-3878.58	332.13	-66.49	7110.71	-7822.03	4.949e+05
						678.3	-3878.58	-7507.41	-66.49	7110.71	-3.056e+04	-9.559e+05
34	40	4.976e+05	2.538e+04	-0.45	-1.574e+04	0.0	-589.72	8262.65	75.33	7982.72	-2.609e+04	-9.629e+05
		-9.629e+05	-2.609e+04	0.01	0.0	339.2	-589.72	359.00	75.33	7982.72	-355.96	4.976e+05
						678.3	-589.72	-7480.54	75.33	7982.72	2.538e+04	-9.629e+05
34	43	4.979e+05	8836.23	-0.45	-1.574e+04	0.0	-1060.44	8265.98	27.57	7859.16	-1.005e+04	-9.638e+05
		-9.638e+05	-1.005e+04	0.01	0.0	339.2	-1060.44	362.32	27.57	7859.16	-605.85	4.979e+05
						678.3	-1060.44	-7477.22	27.57	7859.16	8836.23	-7.116e+05
34	47	4.979e+05	8979.21	-0.45	-1.574e+04	0.0	-1200.45	8266.10	28.10	7880.84	-1.026e+04	-9.639e+05
		-9.639e+05	-1.026e+04	0.01	0.0	339.2	-1200.45	362.44	28.10	7880.84	-640.31	4.979e+05
						678.3	-1200.45	-7477.10	28.10	7880.84	8979.21	-7.116e+05
34	52	4.965e+05	2.902e+04	-0.45	-1.574e+04	0.0	-1978.80	8249.34	95.43	8153.44	-3.583e+04	-9.592e+05
		-9.592e+05	-3.583e+04	-5.06e-03	0.0	339.2	-1978.80	345.69	95.43	8153.44	-3402.53	4.965e+05
						678.3	-1978.80	-7493.85	95.43	8153.44	2.902e+04	-9.592e+05
34	69	4.950e+05	1.319e+04	-0.45	-1.574e+04	0.0	-3740.49	8236.92	-60.52	7147.70	1.319e+04	-9.562e+05
		-9.562e+05	-2.821e+04	-0.01	0.0	339.2	-3740.49	333.26	-60.52	7147.70	-7509.34	4.950e+05

34	72	4.975e+05	2.303e+04	-0.45	-1.574e+04	678.3	-3740.49	-7506.28	-60.52	7147.70	-2.821e+04	-7.237e+05
		-9.626e+05	-2.436e+04	0.01	0.0	0.0	-727.81	8261.53	69.36	7945.73	-2.436e+04	-9.626e+05
						339.2	-727.81	357.87	69.36	7945.73	-668.65	4.955e+05
34	75	4.978e+05	7879.39	-0.45	-1.574e+04	678.3	-727.81	-7481.67	69.36	7945.73	2.303e+04	-7.135e+05
		-9.634e+05	-9675.55	0.01	0.0	0.0	-1159.07	8264.57	25.63	7832.88	-9675.55	-9.634e+05
						339.2	-1159.07	360.91	25.63	7832.88	-898.08	4.957e+05
34	79	4.978e+05	8010.24	-0.45	-1.574e+04	678.3	-1159.07	-7478.63	25.63	7832.88	7879.39	-7.122e+05
		-9.635e+05	-9869.51	0.01	0.0	0.0	-1287.22	8264.68	26.12	7852.73	-9869.51	-9.635e+05
						339.2	-1287.22	361.03	26.12	7852.73	-929.63	4.957e+05
34	84	4.965e+05	2.636e+04	-0.45	-1.574e+04	678.3	-1287.22	-7478.51	26.12	7852.73	8010.24	-7.122e+05
		-9.592e+05	-3.327e+04	-4.68e-03	0.0	0.0	-2000.05	8249.34	87.75	8102.03	-3.327e+04	-9.592e+05
						339.2	-2000.05	345.68	87.75	8102.03	-3459.70	4.948e+05
35	13	-1.926e+04	7.974e+04	-9.02e-03	-507.43	678.3	-2000.05	-7493.86	87.75	8102.03	2.636e+04	-7.184e+05
		-5.594e+04	1.976e+04	-1.43e-03	0.0	0.0	1.280e+04	-591.36	659.23	-8668.89	1.976e+04	-1.926e+04
						23.7	1.280e+04	-844.67	659.23	-8668.89	4.975e+04	-3.459e+04
35	14	-1.983e+04	6.258e+04	-9.87e-03	-507.43	47.5	1.280e+04	-1098.79	659.23	-8668.89	7.974e+04	-5.594e+04
		-5.962e+04	630.63	-1.67e-03	0.0	0.0	1.201e+04	-520.13	812.64	-1.008e+04	630.63	-1.983e+04
						23.7	1.201e+04	-773.44	812.64	-1.008e+04	3.161e+04	-3.671e+04
35	15	-6722.95	5.639e+04	0.01	-507.43	47.5	1.201e+04	-1027.56	812.64	-1.008e+04	6.258e+04	-5.962e+04
		-1.223e+04	-1.246e+04	1.47e-03	0.0	0.0	3654.60	278.54	-904.52	-4304.04	5.639e+04	-1.223e+04
						23.7	3654.60	25.23	-904.52	-4304.04	2.197e+04	-7096.27
35	16	-9194.14	3.726e+04	9.34e-03	-507.43	47.5	3654.60	-228.89	-904.52	-4304.04	-1.246e+04	-7986.22
		-1.280e+04	-2.961e+04	1.23e-03	0.0	0.0	2864.36	349.77	-751.11	-5712.49	3.726e+04	-1.280e+04
						23.7	2864.36	96.46	-751.11	-5712.49	3825.37	-9218.17
35	45	-1.757e+04	5.102e+04	-4.22e-03	-507.43	47.5	2864.36	-157.66	-751.11	-5712.49	-2.961e+04	-1.166e+04
		-4.437e+04	2.435e+04	-7.35e-04	0.0	0.0	1.020e+04	-344.85	291.19	-7907.17	2.435e+04	-1.757e+04
						23.7	1.020e+04	-598.16	291.19	-7907.17	3.768e+04	-2.796e+04
35	46	-1.784e+04	4.297e+04	-4.62e-03	-507.43	47.5	1.020e+04	-852.28	291.19	-7907.17	5.102e+04	-4.437e+04
		-4.610e+04	1.540e+04	-8.45e-04	0.0	0.0	9828.05	-311.47	362.84	-8547.39	1.540e+04	-1.784e+04
						23.7	9828.05	-564.78	362.84	-8547.39	2.918e+04	-2.896e+04
35	47	-1.375e+04	4.163e+04	4.94e-03	-507.43	47.5	9828.05	-818.90	362.84	-8547.39	4.297e+04	-4.610e+04
		-2.151e+04	7160.30	6.50e-04	0.0	0.0	5837.52	69.88	-454.71	-5833.99	4.163e+04	-1.422e+04
						23.7	5837.52	-183.43	-454.71	-5833.99	2.435e+04	-1.485e+04
35	48	-1.426e+04	3.268e+04	4.54e-03	-507.43	47.5	5837.52	-437.55	-454.71	-5833.99	7160.30	-2.151e+04
		-2.323e+04	-893.39	5.39e-04	0.0	0.0	5464.99	103.26	-383.07	-6474.21	3.268e+04	-1.448e+04
						23.7	5464.99	-150.05	-383.07	-6474.21	1.589e+04	-1.584e+04
35	77	-1.744e+04	4.884e+04	-3.85e-03	-507.43	47.5	5464.99	-404.17	-383.07	-6474.21	-893.39	-2.323e+04
		-4.349e+04	2.470e+04	-6.81e-04	0.0	0.0	1.000e+04	-326.02	262.90	-7847.27	2.470e+04	-1.744e+04
						23.7	1.000e+04	-579.33	262.90	-7847.27	3.677e+04	-2.745e+04
35	78	-1.769e+04	4.147e+04	-4.22e-03	-507.43	47.5	1.000e+04	-833.46	262.90	-7847.27	4.884e+04	-4.349e+04
		-4.506e+04	1.650e+04	-7.83e-04	0.0	0.0	9660.55	-295.46	328.49	-8433.00	1.650e+04	-1.769e+04
						23.7	9660.55	-548.77	328.49	-8433.00	2.898e+04	-2.836e+04
35	79	-1.407e+04	4.052e+04	4.54e-03	-507.43	47.5	9660.55	-802.89	328.49	-8433.00	4.147e+04	-4.506e+04
		-2.254e+04	8663.63	5.87e-04	0.0	0.0	6005.02	53.87	-420.37	-5948.38	4.052e+04	-1.437e+04
						23.7	6005.02	-199.44	-420.37	-5948.38	2.459e+04	-1.544e+04
35	80	-1.448e+04	3.233e+04	4.17e-03	-507.43	47.5	6005.02	-453.56	-420.37	-5948.38	8663.63	-2.254e+04
		-2.412e+04	1289.19	4.86e-04	0.0	0.0	5663.87	84.44	-354.78	-6534.11	3.233e+04	-1.461e+04
						23.7	5663.87	-168.87	-354.78	-6534.11	1.681e+04	-1.635e+04
36	6	-1.003e+05	5.202e+05	-5.05e-03	-136.83	47.5	5663.87	-423.00	-354.78	-6534.11	1289.19	-2.412e+04
		-1.860e+05	4.950e+05	-6.02e-03	0.0	0.0	-9584.50	3080.82	719.19	-1.967e+05	4.950e+05	-1.860e+05
						13.8	-9595.20	3012.64	719.19	-1.967e+05	5.076e+05	-1.427e+05
36	7	-5.858e+04	5.153e+05	-6.87e-03	-136.83	27.5	-9605.98	2943.99	719.19	-1.967e+05	5.202e+05	-1.003e+05
		-1.316e+05	4.899e+05	-5.04e-03	0.0	0.0	0.0	-1.148e+04	1121.73	-1.911e+05	4.899e+05	-1.316e+05
						13.8	-1.149e+04	2522.79	1121.73	-1.911e+05	5.026e+05	-9.463e+04
36	13	-8.819e+04	5.303e+05	-5.57e-03	-136.83	27.5	-1.150e+04	2454.14	1121.73	-1.911e+05	5.153e+05	-5.858e+04
		-1.708e+05	5.075e+05	-5.68e-03	0.0	0.0	0.0	-1.020e+04	778.71	-1.915e+05	5.075e+05	-1.708e+05
						13.8	-1.021e+04	2886.26	778.71	-1.915e+05	5.189e+05	-1.290e+05
36	16	-7.072e+04	5.052e+05	-6.36e-03	-136.83	27.5	-1.022e+04	2817.62	778.71	-1.915e+05	5.303e+05	-5.819e+04
		-1.469e+05	4.774e+05	-5.38e-03	0.0	0.0	0.0	-1.086e+04	1062.22	-1.963e+05	4.774e+05	-1.469e+05
						13.8	-1.087e+04	2649.17	1062.22	-1.963e+05	4.913e+05	-1.083e+05
36	38	-8.936e+04	5.189e+05	-5.53e-03	-136.83	27.5	-1.088e+04	2580.52	1062.22	-1.963e+05	5.052e+05	-7.072e+04
		-1.717e+05	4.936e+05	-5.76e-03	0.0	0.0	0.0	-1.008e+04	824.71	-1.952e+05	4.936e+05	-1.717e+05
						13.8	-1.009e+04	2883.13	824.71	-1.952e+05	5.063e+05	-1.301e+05
36	39	-6.955e+04	5.166e+05	-6.40e-03	-136.83	27.5	-1.010e+04	2814.48	824.71	-1.952e+05	5.189e+05	-8.936e+04
		-1.459e+05	4.913e+05	-5.30e-03	0.0	0.0	0.0	-1.098e+04	1016.21	-1.926e+05	4.913e+05	-1.459e+05
						13.8	-1.099e+04	2652.30	1016.21	-1.926e+05	5.040e+05	-1.073e+05
36	45	-8.365e+04	5.237e+05	-5.78e-03	-136.83	27.5	-1.100e+04	2583.65	1016.21	-1.926e+05	5.166e+05	-6.955e+04
		-1.646e+05	4.996e+05	-5.61e-03	0.0	0.0	0.0	-1.037e+04	852.79	-1.928e+05	4.996e+05	-1.646e+05
						13.8	-1.038e+04	2824.92	852.79	-1.928e+05	5.116e+05	-1.236e+05
36	48	-7.526e+04	5.118e+05	-6.15e-03	-136.83	27.5	-1.040e+04	2756.27	852.79	-1.928e+05	5.237e+05	-8.365e+04
		-1.531e+05	4.854e+05	-5.46e-03	0.0	0.0	0.0	-1.069e+04	988.14	-1.950e+05	4.854e+05	-1.531e+05
						13.8	-1.070e+04	2710.51	988.14	-1.950e+05	4.986e+05	-1.137e+05
36	70	-8.853e+04	5.188e+05	-5.57e-03	-136.83	27.5	-1.071e+04	2641.86	988.14	-1.950e+05	5.118e+05	-7.526e+04
		-1.706e+05	4.935e+05	-5.74e-03	0.0	0.0	0.0	-1.012e+04	832.76	-1.951e+05	4.935e+05	-1.706e+05
						13.8	-1.013e+04	2873.40	832.76	-1.951e+05	5.062e+05	-1.291e+05
36	71	-7.038e+04	5.167e+05	-6.36e-03	-136.83	27.5	-1.014e+04	2804.76	832.76	-1.951e+05	5.188e+05	-8.853e+04
						0.0	-1.094e+04	2730.20	1008.17	-1.927e+05	4.914e+05	-1.470e+05

		-1.470e+05	4.914e+05	-5.32e-03	0.0	13.8	-1.095e+04	2662.02	1008.17	-1.927e+05	5.041e+05	-1.082e+05
							27.5	-1.096e+04	2593.38	1008.17	-1.927e+05	5.167e+05
36	77	-8.330e+04	5.232e+05	-5.79e-03	-136.83		0.0	-1.039e+04	2888.31	858.47	-1.929e+05	4.990e+05
		-1.641e+05	4.990e+05	-5.60e-03	0.0		13.8	-1.040e+04	2820.13	858.47	-1.929e+05	5.111e+05
							27.5	-1.041e+04	2751.48	858.47	-1.929e+05	5.232e+05
36	80	-7.561e+04	5.123e+05	-6.14e-03	-136.83		0.0	-1.067e+04	2783.48	982.46	-1.949e+05	4.860e+05
		-1.536e+05	4.860e+05	-5.47e-03	0.0		13.8	-1.068e+04	2715.30	982.46	-1.949e+05	4.991e+05
							27.5	-1.069e+04	2646.65	982.46	-1.949e+05	5.123e+05
37	2	8.171e+05	-5574.70	-0.52	-1.463e+04		0.0	-1347.50	7467.76	40.80	1.284e+04	-2.956e+04
		-2.855e+05	-2.956e+04	0.03	0.0		292.6	-1347.50	69.59	40.80	1.284e+04	-1.757e+04
							585.1	-1347.50	-7165.40	40.80	1.284e+04	-5574.70
37	3	8.060e+05	2.455e+04	-0.51	-1.463e+04		0.0	-288.88	7701.17	-89.22	-1.043e+04	2.455e+04
		-3.648e+05	-2.777e+04	-0.02	0.0		292.6	-288.88	303.00	-89.22	-1.043e+04	-1610.27
							585.1	-288.88	-6931.98	-89.22	-1.043e+04	-2.777e+04
37	13	8.211e+05	7678.37	-0.53	-1.463e+04		0.0	-884.67	7434.28	110.88	3.143e+04	-5.735e+04
		-2.716e+05	-5.735e+04	0.05	0.0		292.6	-884.67	36.11	110.88	3.143e+04	-2.484e+04
							585.1	-884.67	-7198.88	110.88	3.143e+04	7678.37
37	16	8.020e+05	5.234e+04	-0.50	-1.463e+04		0.0	-751.70	7734.65	-159.30	-2.902e+04	5.234e+04
		-3.787e+05	-4.102e+04	-0.04	0.0		292.6	-751.70	336.48	-159.30	-2.902e+04	5659.24
							585.1	-751.70	-6898.50	-159.30	-2.902e+04	-4.102e+04
37	34	8.142e+05	-1.139e+04	-0.52	-1.463e+04		0.0	-1069.82	7528.76	6.81	6769.11	-1.542e+04
		-3.062e+05	-1.542e+04	0.02	0.0		292.6	-1069.82	130.59	6.81	6769.11	-1.340e+04
							585.1	-1069.82	-7104.39	6.81	6769.11	-1.139e+04
37	35	8.089e+05	1.041e+04	-0.51	-1.463e+04		0.0	-566.55	7640.17	-55.23	-4358.95	1.041e+04
		-3.441e+05	-2.195e+04	-4.10e-03	0.0		292.6	-566.55	242.00	-55.23	-4358.95	-5773.08
							585.1	-566.55	-6992.99	-55.23	-4358.95	-2.195e+04
37	45	8.161e+05	-5078.35	-0.52	-1.463e+04		0.0	-849.15	7512.81	40.15	1.561e+04	-2.864e+04
		-2.996e+05	-2.864e+04	0.03	0.0		292.6	-849.15	114.64	40.15	1.561e+04	-1.686e+04
							585.1	-849.15	-7120.34	40.15	1.561e+04	-5078.35
37	48	8.070e+05	2.362e+04	-0.51	-1.463e+04		0.0	-787.23	7656.12	-88.57	-1.320e+04	2.362e+04
		-3.507e+05	-2.826e+04	-0.02	0.0		292.6	-787.23	257.95	-88.57	-1.320e+04	-2319.94
							585.1	-787.23	-6977.04	-88.57	-1.320e+04	-2.826e+04
37	66	8.140e+05	-1.183e+04	-0.52	-1.463e+04		0.0	-1048.67	7533.44	4.21	6302.15	-1.434e+04
		-3.078e+05	-1.434e+04	0.02	0.0		292.6	-1048.67	135.27	4.21	6302.15	-1.308e+04
							585.1	-1048.67	-7099.72	4.21	6302.15	-1.183e+04
37	67	8.091e+05	9323.07	-0.51	-1.463e+04		0.0	-587.70	7635.49	-52.62	-3892.00	9323.07
		-3.425e+05	-2.151e+04	-3.17e-03	0.0		292.6	-587.70	237.32	-52.62	-3892.00	-6093.29
							585.1	-587.70	-6997.67	-52.62	-3892.00	-2.151e+04
37	77	8.157e+05	-6052.38	-0.52	-1.463e+04		0.0	-846.53	7518.83	34.74	1.440e+04	-2.644e+04
		-3.018e+05	-2.644e+04	0.03	0.0		292.6	-846.53	120.66	34.74	1.440e+04	-1.625e+04
							585.1	-846.53	-7114.33	34.74	1.440e+04	-6052.38
37	80	8.074e+05	2.143e+04	-0.51	-1.463e+04		0.0	-789.85	7650.10	-83.16	-1.199e+04	2.143e+04
		-3.485e+05	-2.729e+04	-0.01	0.0		292.6	-789.85	251.93	-83.16	-1.199e+04	-2930.47
							585.1	-789.85	-6983.06	-83.16	-1.199e+04	-2.729e+04
38	2	-1.370e+04	-2.082e+04	-2.73e-03	-298.56		0.0	248.87	-847.99	756.90	3.223e+04	-4.078e+04
		-3.281e+04	-4.078e+04	-1.97e-03	0.0		11.6	248.87	-997.25	756.90	3.223e+04	-3.080e+04
							23.2	248.87	-1146.55	756.90	3.223e+04	-2.082e+04
38	3	1.591e+04	4.601e+04	8.77e-04	-298.56		0.0	1514.61	-1024.71	-814.41	2.005e+04	4.601e+04
		-1.129e+04	2.496e+04	1.50e-03	0.0		11.6	1514.61	-1173.97	-814.41	2.005e+04	3.549e+04
							23.2	1514.61	-1323.27	-814.41	2.005e+04	2.496e+04
38	6	-1.381e+04	-2.042e+04	-2.75e-03	-298.56		0.0	256.85	-850.51	747.92	3.227e+04	-3.442e+04
		-3.296e+04	-3.442e+04	-1.96e-03	0.0		11.6	256.85	-999.77	747.92	3.227e+04	-2.742e+04
							23.2	256.85	-1149.08	747.92	3.227e+04	-2.042e+04
38	7	1.602e+04	3.966e+04	8.97e-04	-298.56		0.0	1506.63	-1022.19	-805.43	2.001e+04	3.966e+04
		-1.114e+04	2.456e+04	1.49e-03	0.0		11.6	1506.63	-1171.44	-805.43	2.001e+04	3.211e+04
							23.2	1506.63	-1320.75	-805.43	2.001e+04	2.456e+04
38	25	4608.51	-1.298e+04	4.79e-04	-298.56		0.0	-2442.63	-642.15	-171.03	2.419e+04	-1.986e+04
		-2.214e+04	-1.986e+04	2.00e-04	0.0		11.6	-2442.63	-791.41	-171.03	2.419e+04	-1.642e+04
							23.2	-2442.63	-940.71	-171.03	2.419e+04	-1.298e+04
38	28	-2403.27	2.510e+04	-2.33e-03	-298.56		0.0	4206.11	-1230.55	113.52	2.809e+04	2.510e+04
		-2.196e+04	1.713e+04	-6.70e-04	0.0		11.6	4206.11	-1379.81	113.52	2.809e+04	2.111e+04
							23.2	4206.11	-1529.11	113.52	2.809e+04	1.713e+04
38	34	-5907.62	-8879.65	-1.77e-03	-298.56		0.0	576.60	-894.72	344.32	2.903e+04	-1.802e+04
		-2.717e+04	-1.802e+04	-1.07e-03	0.0		11.6	576.60	-1043.97	344.32	2.903e+04	-1.345e+04
							23.2	576.60	-1193.28	344.32	2.903e+04	-8879.65
38	35	8112.86	2.326e+04	-8.47e-05	-298.56		0.0	1186.88	-977.98	-401.83	2.326e+04	2.326e+04
		-1.692e+04	1.302e+04	5.95e-04	0.0		11.6	1186.88	-1127.24	-401.83	2.326e+04	1.814e+04
							23.2	1186.88	-1276.55	-401.83	2.326e+04	1.302e+04
38	38	-5958.36	-8688.26	-1.78e-03	-298.56		0.0	580.55	-895.84	340.15	2.904e+04	-1.510e+04
		-2.725e+04	-1.510e+04	-1.06e-03	0.0		11.6	580.55	-1045.10	340.15	2.904e+04	-1.189e+04
							23.2	580.55	-1194.41	340.15	2.904e+04	-8688.26
38	39	8163.61	2.033e+04	-7.57e-05	-298.56		0.0	1182.93	-976.86	-397.66	2.324e+04	2.033e+04
		-1.685e+04	1.283e+04	5.90e-04	0.0		11.6	1182.93	-1126.11	-397.66	2.324e+04	1.658e+04
							23.2	1182.93	-1275.42	-397.66	2.324e+04	1.283e+04
38	57	2642.93	-4998.83	-2.84e-04	-298.56		0.0	-670.73	-800.98	-92.41	2.527e+04	-7937.54
		-2.213e+04	-7937.54	-3.74e-05	0.0		11.6	-670.73	-950.23	-92.41	2.527e+04	-6468.18
							23.2	-670.73	-1099.54	-92.41	2.527e+04	-4998.83

38	60	-437.68	1.317e+04	-1.57e-03	-298.56	0.0	2434.21	-1071.73	34.90	2.701e+04	1.317e+04	-437.68
		-2.196e+04	9141.20	-4.33e-04	0.0	11.6	2434.21	-1220.98	34.90	2.701e+04	1.116e+04	-1.034e+04
						23.2	2434.21	-1370.29	34.90	2.701e+04	9141.20	-2.196e+04
38	66	-5317.72	-7960.72	-1.70e-03	-298.56	0.0	602.15	-898.23	312.95	2.878e+04	-1.629e+04	-5317.72
		-2.674e+04	-1.629e+04	-9.96e-04	0.0	11.6	602.15	-1047.48	312.95	2.878e+04	-1.212e+04	-1.517e+04
						23.2	602.15	-1196.79	312.95	2.878e+04	-7960.72	-2.674e+04
38	67	7522.96	2.152e+04	-1.56e-04	-298.56	0.0	1161.33	-974.48	-370.46	2.350e+04	2.152e+04	7522.96
		-1.735e+04	1.210e+04	5.25e-04	0.0	11.6	1161.33	-1123.73	-370.46	2.350e+04	1.681e+04	-4050.50
						23.2	1161.33	-1273.04	-370.46	2.350e+04	1.210e+04	-1.735e+04
38	70	-5364.16	-7785.37	-1.70e-03	-298.56	0.0	605.77	-899.26	309.14	2.880e+04	-1.361e+04	-5364.16
		-2.681e+04	-1.361e+04	-9.91e-04	0.0	11.6	605.77	-1048.51	309.14	2.880e+04	-1.070e+04	-1.522e+04
						23.2	605.77	-1197.82	309.14	2.880e+04	-7785.37	-2.681e+04
38	71	7569.40	1.885e+04	-1.48e-04	-298.56	0.0	1157.71	-973.44	-366.65	2.348e+04	1.885e+04	7569.40
		-1.729e+04	1.193e+04	5.21e-04	0.0	11.6	1157.71	-1122.70	-366.65	2.348e+04	1.539e+04	-3994.47
						23.2	1157.71	-1272.01	-366.65	2.348e+04	1.193e+04	-1.729e+04
38	89	2510.58	-4402.59	-3.39e-04	-298.56	0.0	-539.60	-812.46	-86.97	2.534e+04	-7047.27	2510.58
		-2.212e+04	-7047.27	-5.43e-05	0.0	11.6	-539.60	-961.71	-86.97	2.534e+04	-5724.93	-8942.87
						23.2	-539.60	-1111.02	-86.97	2.534e+04	-4402.59	-2.212e+04
38	92	-305.33	1.228e+04	-1.51e-03	-298.56	0.0	2303.08	-1060.24	29.46	2.694e+04	1.228e+04	-305.33
		-2.197e+04	8544.96	-4.16e-04	0.0	11.6	2303.08	-1209.50	29.46	2.694e+04	1.041e+04	-1.027e+04
						23.2	2303.08	-1358.81	29.46	2.694e+04	8544.96	-2.197e+04
39	17	-1.458e+05	5.519e+04	-0.01	-213.76	0.0	-2855.00	-800.01	398.38	4.900e+04	4.655e+04	-1.458e+05
		-1.957e+05	4.655e+04	2.39e-03	0.0	21.0	-2861.37	-906.81	398.38	4.900e+04	5.087e+04	-1.696e+05
						42.0	-2867.75	-1013.77	398.38	4.900e+04	5.519e+04	-1.957e+05
39	20	-1.147e+05	2.981e+04	-1.02e-03	-213.76	0.0	-378.53	-892.23	-307.97	3.462e+04	2.981e+04	-1.147e+05
		-1.615e+05	2.499e+04	-1.61e-04	0.0	21.0	-384.90	-999.03	-307.97	3.462e+04	2.740e+04	-1.370e+05
						42.0	-391.28	-1105.99	-307.97	3.462e+04	2.499e+04	-1.615e+05
39	25	-1.466e+05	5.569e+04	-0.01	-213.76	0.0	-2819.44	-796.78	391.23	5.030e+04	4.718e+04	-1.466e+05
		-1.967e+05	4.718e+04	2.10e-03	0.0	21.0	-2825.81	-903.58	391.23	5.030e+04	5.144e+04	-1.705e+05
						42.0	-2832.19	-1010.54	391.23	5.030e+04	5.569e+04	-1.967e+05
39	26	-1.188e+05	3.215e+04	-1.07e-03	-213.76	0.0	-745.04	-917.87	-617.27	2.724e+04	3.215e+04	-1.188e+05
		-1.658e+05	1.363e+04	9.54e-05	0.0	21.0	-751.41	-1024.67	-617.27	2.724e+04	2.289e+04	-1.412e+05
						42.0	-757.79	-1131.63	-617.27	2.724e+04	1.363e+04	-1.658e+05
39	27	-1.416e+05	6.656e+04	-0.01	-213.76	0.0	-2488.49	-774.37	707.67	5.637e+04	4.421e+04	-1.416e+05
		-1.913e+05	4.421e+04	2.14e-03	0.0	21.0	-2494.86	-881.17	707.67	5.637e+04	5.538e+04	-1.654e+05
						42.0	-2501.24	-988.13	707.67	5.637e+04	6.656e+04	-1.913e+05
39	28	-1.138e+05	2.918e+04	6.87e-04	-213.76	0.0	-414.09	-895.46	-300.82	3.331e+04	2.918e+04	-1.138e+05
		-1.605e+05	2.449e+04	1.29e-04	0.0	21.0	-420.46	-1002.26	-300.82	3.331e+04	2.684e+04	-1.360e+05
						42.0	-426.84	-1109.22	-300.82	3.331e+04	2.449e+04	-1.605e+05
39	49	-1.376e+05	4.708e+04	-9.15e-03	-213.76	0.0	-2194.14	-825.10	208.08	4.514e+04	4.211e+04	-1.376e+05
		-1.867e+05	4.211e+04	1.70e-03	0.0	21.0	-2200.50	-931.91	208.08	4.514e+04	4.460e+04	-1.610e+05
						42.0	-2206.88	-1038.87	208.08	4.514e+04	4.708e+04	-1.867e+05
39	52	-1.229e+05	3.425e+04	-3.96e-03	-213.76	0.0	-1039.40	-867.13	-117.67	3.847e+04	3.425e+04	-1.229e+05
		-1.705e+05	3.311e+04	5.27e-04	0.0	21.0	-1045.77	-973.93	-117.67	3.847e+04	3.368e+04	-1.456e+05
						42.0	-1052.14	-1080.89	-117.67	3.847e+04	3.311e+04	-1.705e+05
39	57	-1.380e+05	4.733e+04	-9.38e-03	-213.76	0.0	-2176.86	-823.54	204.86	4.576e+04	4.241e+04	-1.380e+05
		-1.871e+05	4.241e+04	1.57e-03	0.0	21.0	-2183.23	-930.34	204.86	4.576e+04	4.487e+04	-1.614e+05
						42.0	-2189.60	-1037.30	204.86	4.576e+04	4.733e+04	-1.871e+05
39	58	-1.249e+05	3.536e+04	-3.99e-03	-213.76	0.0	-1212.73	-879.24	-265.33	3.497e+04	3.536e+04	-1.249e+05
		-1.726e+05	2.769e+04	6.47e-04	0.0	21.0	-1219.10	-986.04	-265.33	3.497e+04	3.153e+04	-1.476e+05
						42.0	-1225.48	-1093.00	-265.33	3.497e+04	2.769e+04	-1.726e+05
39	59	-1.356e+05	5.250e+04	-9.13e-03	-213.76	0.0	-2020.80	-813.00	355.74	4.865e+04	4.100e+04	-1.356e+05
		-1.846e+05	4.100e+04	1.58e-03	0.0	21.0	-2027.17	-919.80	355.74	4.865e+04	4.675e+04	-1.590e+05
						42.0	-2033.55	-1026.76	355.74	4.865e+04	5.250e+04	-1.846e+05
39	60	-1.225e+05	3.396e+04	-3.74e-03	-213.76	0.0	-1056.68	-868.70	-114.46	3.786e+04	3.396e+04	-1.225e+05
		-1.700e+05	3.286e+04	6.62e-04	0.0	21.0	-1063.04	-975.50	-114.46	3.786e+04	3.341e+04	-1.451e+05
						42.0	-1069.42	-1082.46	-114.46	3.786e+04	3.286e+04	-1.700e+05
39	81	-1.369e+05	4.649e+04	-8.93e-03	-213.76	0.0	-2145.33	-826.90	194.27	4.486e+04	4.178e+04	-1.369e+05
		-1.859e+05	4.178e+04	1.65e-03	0.0	21.0	-2151.70	-933.70	194.27	4.486e+04	4.413e+04	-1.603e+05
						42.0	-2158.08	-1040.66	194.27	4.486e+04	4.649e+04	-1.859e+05
39	84	-1.235e+05	3.458e+04	-4.19e-03	-213.76	0.0	-1088.20	-865.34	-103.86	3.876e+04	3.458e+04	-1.235e+05
		-1.712e+05	3.370e+04	5.77e-04	0.0	21.0	-1094.57	-972.14	-103.86	3.876e+04	3.414e+04	-1.462e+05
						42.0	-1100.95	-1079.10	-103.86	3.876e+04	3.370e+04	-1.712e+05
39	89	-1.373e+05	4.671e+04	-9.13e-03	-213.76	0.0	-2129.50	-825.46	191.33	4.542e+04	4.205e+04	-1.373e+05
		-1.864e+05	4.205e+04	1.53e-03	0.0	21.0	-2135.87	-932.26	191.33	4.542e+04	4.438e+04	-1.607e+05
						42.0	-2142.25	-1039.22	191.33	4.542e+04	4.671e+04	-1.864e+05
39	90	-1.253e+05	3.560e+04	-4.21e-03	-213.76	0.0	-1246.92	-876.41	-239.13	3.555e+04	3.560e+04	-1.253e+05
		-1.731e+05	2.874e+04	6.87e-04	0.0	21.0	-1253.29	-983.21	-239.13	3.555e+04	3.217e+04	-1.481e+05
						42.0	-1259.67	-1090.17	-239.13	3.555e+04	2.874e+04	-1.731e+05
39	91	-1.351e+05	5.145e+04	-8.91e-03	-213.76	0.0	-1986.61	-815.83	329.54	4.807e+04	4.076e+04	-1.351e+05
		-1.841e+05	4.076e+04	1.54e-03	0.0	21.0	-1992.98	-922.63	329.54	4.807e+04	4.611e+04	-1.585e+05
						42.0	-1999.36	-1029.59	329.54	4.807e+04	5.145e+04	-1.841e+05
39	92	-1.232e+05	3.431e+04	-3.98e-03	-213.76	0.0	-1104.03	-866.78	-100.93	3.819e+04	3.431e+04	-1.232e+05
		-1.708e+05	3.348e+04	7.01e-04	0.0	21.0	-1110.40	-973.58	-100.93	3.819e+04	3.389e+04	-1.458e+05
						42.0	-1116.78	-1080.54	-100.93	3.819e+04	3.348e+04	-1.708e+05
40	1	-4764.00	-7093.19	-6.27e-03	-150.12	0.0	1779.35	1504.78	607.80	3.086e+04	-2.344e+04	-4.586e+04
		-4.586e+04	-2.344e+04	-3.25e-03	0.0	15.2	1791.86	1429.79	607.80	3.086e+04	-1.527e+04	-2.474e+04

							30.4	1804.40	1354.66	607.80	3.086e+04	-7093.19	-4764.00
40	4	-7278.29	3.871e+04	-7.30e-03	-150.12	0.0	0.0	332.70	1168.91	495.37	3.724e+04	2.144e+04	-2.833e+04
		-2.833e+04	2.144e+04	1.29e-03	0.0		15.2	345.22	1093.93	495.37	3.724e+04	3.008e+04	-1.724e+04
							30.4	357.76	1018.79	495.37	3.724e+04	3.871e+04	-2728.29
40	6	-619.48	1870.23	-6.39e-03	-150.12	0.0	0.0	2036.97	1413.50	591.27	3.218e+04	-1.438e+04	-3.911e+04
		-3.911e+04	-1.438e+04	-3.21e-03	0.0		15.2	2049.49	1338.51	591.27	3.218e+04	-6256.41	-1.929e+04
							30.4	2062.02	1263.37	591.27	3.218e+04	1870.23	-619.48
40	7	-1.142e+04	2.974e+04	-7.18e-03	-150.12	0.0	0.0	75.08	1260.19	511.91	3.592e+04	1.239e+04	-3.509e+04
		-3.509e+04	1.239e+04	1.25e-03	0.0		15.2	87.60	1185.21	511.91	3.592e+04	2.107e+04	-2.269e+04
							30.4	100.13	1110.07	511.91	3.592e+04	2.974e+04	-1.142e+04
40	18	2449.53	2.544e+04	-6.87e-03	-150.12	0.0	0.0	1714.60	1216.80	536.37	3.556e+04	9164.76	-2.682e+04
		-2.682e+04	9164.76	-1.63e-03	0.0		15.2	1727.11	1141.81	536.37	3.556e+04	1.730e+04	-1.161e+04
							30.4	1739.65	1066.68	536.37	3.556e+04	2.544e+04	2449.53
40	21	-1.241e+04	-4546.34	-6.50e-03	-150.12	0.0	0.0	745.18	1527.55	595.77	3.080e+04	-2.167e+04	-5.056e+04
		-5.056e+04	-2.167e+04	-1.58e-03	0.0		15.2	757.69	1452.57	595.77	3.080e+04	-1.311e+04	-3.091e+04
							30.4	770.23	1377.43	595.77	3.080e+04	-4546.34	-1.241e+04
40	33	-5457.28	4935.95	-6.54e-03	-150.12	0.0	0.0	1401.66	1415.93	576.92	3.256e+04	-1.164e+04	-4.116e+04
		-4.116e+04	-1.164e+04	-2.07e-03	0.0		15.2	1414.17	1340.94	576.92	3.256e+04	-3353.84	-2.274e+04
							30.4	1426.71	1265.81	576.92	3.256e+04	4935.95	-5457.28
40	36	-6585.02	2.668e+04	-7.04e-03	-150.12	0.0	0.0	710.40	1257.76	526.25	3.554e+04	9650.66	-3.303e+04
		-3.303e+04	9650.66	1.06e-04	0.0		15.2	722.91	1182.78	526.25	3.554e+04	1.816e+04	-1.924e+04
							30.4	735.45	1107.64	526.25	3.554e+04	2.668e+04	-6585.02
40	38	-3534.30	9115.81	-6.59e-03	-150.12	0.0	0.0	1519.84	1373.56	569.52	3.317e+04	-7421.62	-3.802e+04
		-3.802e+04	-7421.62	-2.05e-03	0.0		15.2	1532.35	1298.57	569.52	3.317e+04	847.09	-2.021e+04
							30.4	1544.89	1223.43	569.52	3.317e+04	9115.81	-3534.30
40	39	-8507.99	2.250e+04	-6.98e-03	-150.12	0.0	0.0	592.22	1300.13	533.65	3.493e+04	5428.65	-3.617e+04
		-3.617e+04	5428.65	8.61e-05	0.0		15.2	604.73	1225.15	533.65	3.493e+04	1.396e+04	-2.177e+04
							30.4	617.27	1150.01	533.65	3.493e+04	2.250e+04	-8507.99
40	50	-2097.21	2.024e+04	-6.82e-03	-150.12	0.0	0.0	1361.44	1281.50	544.80	3.47		

		1.337e+04	8218.84	-1.35e-03	0.0	21.2	968.74	-863.95	-80.64	-7076.88	9923.28	3.320e+04
						42.3	968.74	-975.75	-80.64	-7076.88	8218.84	1.337e+04
41	70	4.941e+04	9849.64	0.02	-236.59	0.0	824.45	-745.67	-70.77	-7913.51	9849.64	4.941e+04
		1.216e+04	6855.08	-1.63e-03	0.0	21.2	824.45	-870.46	-70.77	-7913.51	8352.36	3.204e+04
						42.3	824.45	-982.26	-70.77	-7913.51	6855.08	1.216e+04
41	71	6.247e+04	-1.046e+04	0.02	-236.59	0.0	-958.56	-687.08	47.59	-3033.79	-1.247e+04	6.247e+04
		2.742e+04	-1.247e+04	1.08e-03	0.0	21.2	-958.56	-811.88	47.59	-3033.79	-1.147e+04	4.619e+04
						42.3	-958.56	-923.68	47.59	-3033.79	-1.046e+04	2.742e+04
41	72	6.135e+04	-1.182e+04	0.02	-236.59	0.0	-1102.84	-693.59	57.46	-3870.41	-1.425e+04	6.135e+04
		2.622e+04	-1.425e+04	8.00e-04	0.0	21.2	-1102.84	-818.38	57.46	-3870.41	-1.304e+04	4.503e+04
						42.3	-1102.84	-930.18	57.46	-3870.41	-1.182e+04	2.622e+04
42	1	-2.085e+05	2.556e+04	-6.22e-03	-311.54	0.0	-1303.41	4692.57	-524.02	-9.175e+04	2.556e+04	-3.280e+05
		-3.280e+05	1.059e+04	-2.63e-03	0.0	12.3	-1309.74	4536.92	-524.02	-9.175e+04	1.808e+04	-2.673e+05
						24.6	-1316.08	4381.03	-524.02	-9.175e+04	1.059e+04	-2.085e+05
42	4	-2.179e+05	1.529e+05	-6.32e-03	-311.54	0.0	-1510.27	4755.85	-1106.92	-4.530e+04	1.529e+05	-3.359e+05
		-3.359e+05	1.269e+05	2.76e-03	0.0	12.3	-1516.60	4600.21	-1106.92	-4.530e+04	1.269e+05	-3.359e+05
						24.6	-1522.94	4444.31	-1106.92	-4.530e+04	1.269e+05	-2.179e+05
42	18	-1.822e+05	9.534e+04	-7.45e-03	-311.54	0.0	-190.67	4206.27	-934.87	-6.653e+04	9.534e+04	-2.888e+05
		-2.888e+05	7.588e+04	-8.35e-04	0.0	12.3	-197.00	4050.62	-934.87	-6.653e+04	8.561e+04	-2.346e+05
						24.6	-203.34	3894.72	-934.87	-6.653e+04	7.588e+04	-2.888e+05
42	19	-2.442e+05	8.317e+04	-5.09e-03	-311.54	0.0	-2623.01	5242.16	-696.07	-7.051e+04	8.317e+04	-3.750e+05
		-3.750e+05	6.164e+04	9.64e-04	0.0	12.3	-2629.34	5086.51	-696.07	-7.051e+04	7.240e+04	-3.087e+05
						24.6	-2635.68	4930.61	-696.07	-7.051e+04	6.164e+04	-2.442e+05
42	21	-2.367e+05	5.892e+04	-5.26e-03	-311.54	0.0	-2633.39	5150.45	-548.96	-8.033e+04	5.892e+04	-3.659e+05
		-3.659e+05	4.081e+04	-3.45e-04	0.0	12.3	-2639.72	4994.81	-548.96	-8.033e+04	4.986e+04	-3.003e+05
						24.6	-2646.07	4838.91	-548.96	-8.033e+04	4.081e+04	-2.367e+05
42	24	-1.897e+05	1.196e+05	-7.27e-03	-311.54	0.0	-180.29	4297.97	-1081.98	-5.672e+04	1.196e+05	-2.980e+05
		-2.980e+05	9.670e+04	4.75e-04	0.0	12.3	-186.62	4142.33	-1081.98	-5.672e+04	1.081e+05	-2.429e+05
						24.6	-192.96	3986.43	-1081.98	-5.672e+04	9.670e+04	-1.897e+05
42	33	-2.110e+05	5.901e+04	-6.25e-03	-311.54	0.0	-1359.37	4709.50	-677.20	-7.955e+04	5.901e+04	-3.301e+05
		-3.301e+05	4.116e+04	-1.22e-03	0.0	12.3	-1365.70	4553.85	-677.20	-7.955e+04	5.009e+04	-2.696e+05
						24.6	-1372.04	4397.95	-677.20	-7.955e+04	4.116e+04	-2.110e+05
42	36	-2.154e+05	1.195e+05	-6.29e-03	-311.54	0.0	-1454.31	4738.93	-953.74	-5.750e+04	1.195e+05	-2.544e+05
		-3.338e+05	9.635e+04	1.35e-03	0.0	12.3	-1460.64	4583.28	-953.74	-5.750e+04	1.079e+05	-2.737e+05
						24.6	-1466.98	4427.38	-953.74	-5.750e+04	9.635e+04	-2.154e+05
42	50	-1.988e+05	9.177e+04	-6.82e-03	-311.54	0.0	-842.54	4483.46	-870.28	-6.770e+04	9.177e+04	-3.119e+05
		-3.119e+05	7.179e+04	-3.67e-04	0.0	12.3	-848.87	4327.81	-870.28	-6.770e+04	8.178e+04	-2.544e+05
						24.6	-855.21	4171.91	-870.28	-6.770e+04	7.179e+04	-1.988e+05
42	51	-2.276e+05	8.674e+04	-5.72e-03	-311.54	0.0	-1971.14	4964.97	-760.65	-6.935e+04	8.674e+04	-3.520e+05
		-3.520e+05	6.572e+04	4.97e-04	0.0	12.3	-1977.47	4809.32	-760.65	-6.935e+04	7.623e+04	-2.888e+05
						24.6	-1983.82	4653.42	-760.65	-6.935e+04	6.572e+04	-2.276e+05
42	53	-2.241e+05	7.520e+04	-5.80e-03	-311.54	0.0	-1976.84	4922.35	-690.62	-7.401e+04	7.520e+04	-3.477e+05
		-3.477e+05	5.582e+04	-1.29e-04	0.0	12.3	-1983.17	4766.70	-690.62	-7.401e+04	6.551e+04	-2.849e+05
						24.6	-1989.52	4610.81	-690.62	-7.401e+04	5.582e+04	-2.241e+05
42	56	-2.023e+05	1.033e+05	-6.74e-03	-311.54	0.0	-836.84	4526.07	-940.32	-6.303e+04	1.033e+05	-3.162e+05
		-3.162e+05	8.170e+04	2.58e-04	0.0	12.3	-843.17	4370.43	-940.32	-6.303e+04	9.250e+04	-2.583e+05
						24.6	-849.51	4214.53	-940.32	-6.303e+04	8.170e+04	-2.023e+05
42	65	-2.112e+05	6.156e+04	-6.25e-03	-311.54	0.0	-1363.40	4710.74	-688.82	-7.862e+04	6.156e+04	-3.302e+05
		-3.302e+05	4.348e+04	-1.11e-03	0.0	12.3	-1369.73	4555.09	-688.82	-7.862e+04	5.252e+04	-2.697e+05
						24.6	-1376.07	4399.20	-688.82	-7.862e+04	4.348e+04	-2.112e+05
42	68	-2.153e+05	1.169e+05	-6.29e-03	-311.54	0.0	-1450.28	4737.68	-942.11	-5.842e+04	1.169e+05	-3.336e+05
		-3.336e+05	9.403e+04	1.24e-03	0.0	12.3	-1456.61	4582.04	-942.11	-5.842e+04	1.055e+05	-2.735e+05
						24.6	-1462.95	4426.14	-942.11	-5.842e+04	9.403e+04	-2.153e+05
42	82	-2.000e+05	9.155e+04	-6.77e-03	-311.54	0.0	-890.29	4503.82	-865.63	-6.777e+04	9.155e+04	-3.136e+05
		-3.136e+05	7.153e+04	-3.31e-04	0.0	12.3	-896.62	4348.17	-865.63	-6.777e+04	8.154e+04	-2.558e+05
						24.6	-902.96	4192.27	-865.63	-6.777e+04	7.153e+04	-2.000e+05
42	83	-2.264e+05	8.696e+04	-5.77e-03	-311.54	0.0	-1923.39	4944.61	-765.30	-6.927e+04	8.696e+04	-3.503e+05
		-3.503e+05	6.599e+04	4.60e-04	0.0	12.3	-1929.73	4788.96	-765.30	-6.927e+04	7.647e+04	-2.583e+05
						24.6	-1936.07	4633.06	-765.30	-6.927e+04	6.599e+04	-2.264e+05
42	85	-2.232e+05	7.639e+04	-5.84e-03	-311.54	0.0	-1928.63	4905.59	-701.16	-7.355e+04	7.639e+04	-3.464e+05
		-3.464e+05	5.691e+04	-1.12e-04	0.0	12.3	-1934.96	4749.95	-701.16	-7.355e+04	6.665e+04	-2.838e+05
						24.6	-1941.31	4594.05	-701.16	-7.355e+04	5.691e+04	-2.232e+05
42	88	-2.032e+05	1.021e+05	-6.70e-03	-311.54	0.0	-885.05	4542.83	-929.78	-6.350e+04	1.021e+05	-3.175e+05
		-3.175e+05	8.060e+04	2.42e-04	0.0	12.3	-891.38	4387.18	-929.78	-6.350e+04	9.136e+04	-2.594e+05
						24.6	-897.72	4231.29	-929.78	-6.350e+04	8.060e+04	-2.032e+05
43	6	3083.65	4.139e+04	0.02	-1433.27	0.0	-2.066e+04	1911.47	-227.33	-2.266e+04	4.139e+04	-1.145e+05
		-1.145e+05	1.955e+04	-4.59e-03	0.0	49.1	-2.066e+04	1196.53	-227.33	-2.266e+04	3.047e+04	-3.798e+04
						98.3	-2.066e+04	478.19	-227.33	-2.266e+04	1.955e+04	3083.65
43	7	4840.46	1950.92	2.72e-03	-1433.27	0.0	2.341e+04	2268.58	129.90	-3.556e+04	-1.032e+04	-1.480e+05
		-1.480e+05	-1.032e+04	1.53e-03	0.0	49.1	2.341e+04	1553.65	129.90	-3.556e+04	-4184.44	-5.385e+04
						98.3	2.341e+04	835.31	129.90	-3.556e+04	1950.92	4840.46
43	8	4539.36	738.56	3.25e-03	-1433.27	0.0	2.098e+04	2321.91	367.21	-3.335e+04	-3.454e+04	-1.535e+05
		-1.535e+05	-3.454e+04	1.18e-03	0.0	49.1	2.098e+04	1606.98	367.21	-3.335e+04	-1.690e+04	-5.674e+04
						98.3	2.098e+04	888.64	367.21	-3.335e+04	738.56	4539.36
43	11	4858.14	2475.90	2.99e-03	-1433.27	0.0	2.137e+04	2234.74	147.23	-3.569e+04	-1.174e+04	-1.447e+05
		-1.447e+05	-1.174e+04	5.60e-04	0.0	49.1	2.137e+04	1519.81	147.23	-3.569e+04	-4633.09	-5.218e+04
						98.3	2.137e+04	801.47	147.23	-3.569e+04	2475.90	4858.14

43	29	4244.16	6.770e+04	0.01	-1433.27	0.0	-217.94	1949.82	-538.40	-3.118e+04	6.770e+04	-1.173e+05
		-1.173e+05	1.543e+04	-1.53e-03	0.0	49.1	-217.94	1234.89	-538.40	-3.118e+04	4.156e+04	-3.878e+04
						98.3	-217.94	516.55	-538.40	-3.118e+04	1.543e+04	4244.16
43	32	3679.95	6073.30	0.01	-1433.27	0.0	2964.32	2230.23	440.97	-2.704e+04	-3.662e+04	-1.453e+05
		-1.453e+05	-3.662e+04	-1.53e-03	0.0	49.1	2964.32	1515.30	440.97	-2.704e+04	-1.528e+04	-5.304e+04
						98.3	2964.32	796.96	440.97	-2.704e+04	6073.30	3679.95
43	38	3544.92	2.792e+04	0.02	-1433.27	0.0	-9143.88	2004.49	-134.26	-2.605e+04	2.792e+04	-1.232e+05
		-1.232e+05	1.496e+04	-3.00e-03	0.0	49.1	-9143.88	1289.56	-134.26	-2.605e+04	2.144e+04	-4.211e+04
						98.3	-9143.88	571.22	-134.26	-2.605e+04	1.496e+04	3544.92
43	39	4379.20	6544.63	6.48e-03	-1433.27	0.0	1.189e+04	2175.55	36.83	-3.218e+04	3149.10	-1.393e+05
		-1.393e+05	3149.10	-6.49e-05	0.0	49.1	1.189e+04	1460.62	36.83	-3.218e+04	4846.87	-4.971e+04
						98.3	1.189e+04	742.28	36.83	-3.218e+04	6544.63	4379.20
43	40	4239.31	5978.41	6.89e-03	-1433.27	0.0	1.075e+04	2200.41	147.44	-3.115e+04	-8137.57	-1.419e+05
		-1.419e+05	-8137.57	-2.28e-04	0.0	49.1	1.075e+04	1485.48	147.44	-3.115e+04	-1079.58	-5.106e+04
						98.3	1.075e+04	767.14	147.44	-3.115e+04	5978.41	4239.31
43	43	4387.51	6799.08	6.82e-03	-1433.27	0.0	1.091e+04	2159.20	45.27	-3.224e+04	2463.87	-1.377e+05
		-1.377e+05	2463.87	-5.31e-04	0.0	49.1	1.091e+04	1444.27	45.27	-3.224e+04	4631.47	-4.891e+04
						98.3	1.091e+04	725.92	45.27	-3.224e+04	6799.08	4387.51
43	61	4090.43	3.996e+04	0.01	-1433.27	0.0	585.62	2024.17	-277.74	-3.005e+04	3.996e+04	-1.247e+05
		-1.247e+05	1.296e+04	-1.54e-03	0.0	49.1	585.62	1309.24	-277.74	-3.005e+04	2.646e+04	-4.256e+04
						98.3	585.62	590.90	-277.74	-3.005e+04	1.296e+04	4090.43
43	64	3833.68	8540.65	0.01	-1433.27	0.0	2160.77	2155.88	180.31	-2.817e+04	-8881.24	-1.378e+05
		-1.378e+05	-8881.24	-1.52e-03	0.0	49.1	2160.77	1440.95	180.31	-2.817e+04	-170.30	-4.926e+04
						98.3	2160.77	722.61	180.31	-2.817e+04	8540.65	3833.68
43	70	3579.99	2.689e+04	0.02	-1433.27	0.0	-8260.83	2011.67	-127.08	-2.630e+04	2.689e+04	-1.239e+05
		-1.239e+05	1.460e+04	-2.87e-03	0.0	49.1	-8260.83	1296.74	-127.08	-2.630e+04	2.074e+04	-4.243e+04
						98.3	-8260.83	578.40	-127.08	-2.630e+04	1.460e+04	3579.99
43	71	4344.12	6897.64	6.89e-03	-1433.27	0.0	1.101e+04	2168.38	29.65	-3.192e+04	4188.23	-1.386e+05
		-1.386e+05	4188.23	-1.87e-04	0.0	49.1	1.101e+04	1453.45	29.65	-3.192e+04	5542.94	-4.939e+04
						98.3	1.101e+04	735.11	29.65	-3.192e+04	6897.64	4344.12
43	72	4216.06	6379.25	7.26e-03	-1433.27	0.0	9960.01	2191.13	130.91	-3.098e+04	-6144.57	-1.410e+05
		-1.410e+05	-6144.57	-3.37e-04	0.0	49.1	9960.01	1476.20	130.91	-3.098e+04	117.34	-5.063e+04
						98.3	9960.01	757.86	130.91	-3.098e+04	6379.25	4216.06
43	75	4351.73	7130.82	7.20e-03	-1433.27	0.0	1.010e+04	2153.39	37.39	-3.197e+04	3560.33	-1.372e+05
		-1.372e+05	3560.33	-6.14e-04	0.0	49.1	1.010e+04	1438.46	37.39	-3.197e+04	5345.57	-4.866e+04
						98.3	1.010e+04	720.12	37.39	-3.197e+04	7130.82	4351.73
43	93	4079.51	3.789e+04	0.01	-1433.27	0.0	651.10	2029.72	-258.40	-2.997e+04	3.789e+04	-1.253e+05
		-1.253e+05	1.277e+04	-1.54e-03	0.0	49.1	651.10	1314.79	-258.40	-2.997e+04	2.533e+04	-4.285e+04
						98.3	651.10	596.45	-258.40	-2.997e+04	1.277e+04	4079.51
43	96	3844.60	8726.72	0.01	-1433.27	0.0	2095.28	2150.33	160.97	-2.825e+04	-6820.08	-1.373e+05
		-1.373e+05	-6820.08	-1.52e-03	0.0	49.1	2095.28	1435.40	160.97	-2.825e+04	953.32	-4.897e+04
						98.3	2095.28	717.05	160.97	-2.825e+04	8726.72	3844.60
44	8	4.378e+04	6.448e+04	0.02	-2329.54	0.0	416.28	1287.39	-621.04	7.013e+04	6.448e+04	-1.123e+05
		-1.123e+05	-2.164e+05	0.02	0.0	225.9	201.98	96.11	-621.04	7.013e+04	-7.594e+04	4.310e+04
						451.8	-2.79	-1042.15	-621.04	7.013e+04	-2.164e+05	-6.466e+04
44	9	4.914e+04	-9740.29	0.02	-2329.54	0.0	-2276.03	1262.69	-191.10	6.898e+04	-9740.29	-1.038e+05
		-1.038e+05	-9.572e+04	-0.02	0.0	225.9	-2490.33	71.42	-191.10	6.898e+04	-5.273e+04	4.881e+04
						451.8	-2695.10	-1066.84	-191.10	6.898e+04	-9.572e+04	-6.171e+04
44	12	4.049e+04	4.875e+04	0.03	-2329.54	0.0	708.37	1275.38	-525.58	6.951e+04	4.875e+04	-1.092e+05
		-1.092e+05	-1.891e+05	0.02	0.0	225.9	494.07	84.10	-525.58	6.951e+04	-7.017e+04	4.049e+04
						451.8	289.30	-1054.16	-525.58	6.951e+04	-1.891e+05	-7.300e+04
44	13	4.915e+04	-1.050e+04	0.02	-2329.54	0.0	-2253.12	1261.39	-186.11	6.913e+04	-1.050e+04	-1.035e+05
		-1.035e+05	-9.427e+04	-0.02	0.0	225.9	-2467.43	70.11	-186.11	6.913e+04	-5.238e+04	4.886e+04
						451.8	-2672.19	-1068.15	-186.11	6.913e+04	-9.427e+04	-6.195e+04
44	19	4.586e+04	5875.88	0.01	-2329.54	0.0	-1307.43	1313.55	-294.82	7.654e+04	5875.88	-1.169e+05
		-1.169e+05	-1.267e+05	9.51e-03	0.0	225.9	-1521.74	122.27	-294.82	7.654e+04	-6.039e+04	4.443e+04
						451.8	-1726.51	-1015.99	-294.82	7.654e+04	-1.267e+05	-5.733e+04
44	40	4.431e+04	4.085e+04	0.02	-2329.54	0.0	-219.54	1277.82	-483.06	6.965e+04	4.085e+04	-1.093e+05
		-1.093e+05	-1.775e+05	0.01	0.0	225.9	-433.85	86.55	-483.06	6.965e+04	-6.834e+04	4.391e+04
						451.8	-638.62	-1051.71	-483.06	6.965e+04	-1.775e+05	-6.607e+04
44	41	4.685e+04	5707.09	0.02	-2329.54	0.0	-1489.99	1265.97	-279.36	6.910e+04	5707.09	-1.052e+05
		-1.052e+05	-1.204e+05	-0.01	0.0	225.9	-1704.30	74.69	-279.36	6.910e+04	-5.732e+04	4.662e+04
						451.8	-1909.07	-1063.57	-279.36	6.910e+04	-1.204e+05	-6.472e+04
44	44	4.275e+04	3.331e+04	0.02	-2329.54	0.0	-77.66	1272.11	-437.33	6.938e+04	3.331e+04	-1.078e+05
		-1.078e+05	-1.645e+05	8.68e-03	0.0	225.9	-291.97	80.83	-437.33	6.938e+04	-6.558e+04	4.269e+04
						451.8	-496.73	-1057.43	-437.33	6.938e+04	-1.645e+05	-7.000e+04
44	45	4.685e+04	5350.00	0.02	-2329.54	0.0	-1478.81	1265.36	-277.00	6.917e+04	5350.00	-1.050e+05
		-1.050e+05	-1.197e+05	-0.01	0.0	225.9	-1693.12	74.08	-277.00	6.917e+04	-5.716e+04	4.664e+04
						451.8	-1897.89	-1064.18	-277.00	6.917e+04	-1.197e+05	-6.483e+04
44	51	4.529e+04	1.331e+04	0.02	-2329.54	0.0	-1021.41	1289.83	-329.86	7.263e+04	1.331e+04	-1.114e+05
		-1.114e+05	-1.354e+05	6.21e-03	0.0	225.9	-1235.72	98.55	-329.86	7.263e+04	-6.106e+04	4.455e+04
						451.8	-1440.48	-1039.71	-329.86	7.263e+04	-1.354e+05	-6.268e+04
44	72	4.435e+04	3.905e+04	0.02	-2329.54	0.0	-267.12	1277.09	-472.57	6.962e+04	3.905e+04	-1.090e+05
		-1.090e+05	-1.746e+05	0.01	0.0	225.9	-481.43	85.81	-472.57	6.962e+04	-6.776e+04	4.397e+04
						451.8	-686.20	-1052.45	-472.57	6.962e+04	-1.746e+05	-6.618e+04
44	73	4.667e+04	6869.10	0.02	-2329.54	0.0	-1430.56	1266.22	-286.01	6.912e+04	6869.10	-1.053e+05
		-1.053e+05	-1.222e+05	-9.62e-03	0.0	225.9	-1644.87	74.94	-286.01	6.912e+04	-5.767e+04	4.645e+04

44	76	4.292e+04	3.215e+04	0.02	-2329.54	451.8	-1849.64	-1063.32	-286.01	6.912e+04	-1.222e+05	-6.494e+04
		-1.077e+05	-1.626e+05	8.21e-03	0.0	0.0	-137.09	1271.85	-430.68	6.937e+04	3.215e+04	-1.077e+05
						225.9	-351.40	80.57	-430.68	6.937e+04	-6.523e+04	4.285e+04
44	77	4.668e+04	6542.09	0.02	-2329.54	451.8	-556.17	-1057.69	-430.68	6.937e+04	-1.626e+05	-6.977e+04
		-1.052e+05	-1.216e+05	-9.44e-03	0.0	0.0	-1420.31	1265.67	-283.85	6.918e+04	6542.09	-1.052e+05
						225.9	-1634.62	74.39	-283.85	6.918e+04	-5.752e+04	4.647e+04
44	83	4.525e+04	1.384e+04	0.02	-2329.54	451.8	-1839.39	-1063.87	-283.85	6.918e+04	-1.216e+05	-6.504e+04
		-1.110e+05	-1.360e+05	5.98e-03	0.0	0.0	-1001.18	1288.07	-332.30	7.234e+04	1.384e+04	-1.110e+05
						225.9	-1215.49	96.79	-332.30	7.234e+04	-6.109e+04	4.455e+04
45	2	1.784e+04	4.972e+04	4.39e-03	-209.92	451.8	-1420.26	-1041.47	-332.30	7.234e+04	-1.360e+05	-6.308e+04
		-8245.12	-3.294e+04	-1.27e-03	0.0	0.0	-882.46	567.96	2083.55	-7.041e+04	-3.294e+04	-8245.12
						21.0	-888.72	463.08	2083.55	-7.041e+04	8390.86	5897.36
45	3	1.162e+04	-3.392e+04	3.32e-03	-209.92	42.0	-894.98	358.04	2083.55	-7.041e+04	4.972e+04	1.784e+04
		-2.384e+04	-7.769e+04	1.91e-03	0.0	0.0	135.65	898.82	-1157.08	-8.855e+04	-3.392e+04	-2.384e+04
						21.0	129.39	793.94	-1157.08	-8.855e+04	-5.581e+04	-5006.44
45	9	1.501e+04	6482.51	3.94e-03	-209.92	42.0	123.13	688.90	-1157.08	-8.855e+04	-7.769e+04	1.162e+04
		-1.465e+04	-2.507e+04	-9.36e-04	0.0	0.0	-1272.58	712.38	830.25	-7.690e+04	-2.507e+04	-1.465e+04
						21.0	-1278.83	607.50	830.25	-7.690e+04	-9295.72	1281.10
45	12	1.445e+04	-3.445e+04	3.77e-03	-209.92	42.0	-1285.10	502.46	830.25	-7.690e+04	6482.51	1.501e+04
		-1.743e+04	-4.179e+04	1.57e-03	0.0	0.0	525.76	754.39	96.22	-8.206e+04	-4.179e+04	-1.743e+04
						21.0	519.51	649.52	96.22	-8.206e+04	-3.812e+04	-390.19
45	26	1.934e+04	3.928e+04	4.49e-03	-209.92	42.0	513.24	544.48	96.22	-8.206e+04	-3.445e+04	1.445e+04
		-5721.51	-4.452e+04	-3.96e-04	0.0	0.0	-165.15	529.84	1941.19	-6.837e+04	-4.452e+04	-5721.51
						21.0	-171.41	424.96	1941.19	-6.837e+04	-2618.06	7912.81
45	27	1.012e+04	-2.234e+04	3.22e-03	-209.92	42.0	-177.67	319.92	1941.19	-6.837e+04	3.928e+04	1.934e+04
		-2.636e+04	-6.725e+04	1.03e-03	0.0	0.0	-581.66	936.94	-1014.72	-9.059e+04	-2.234e+04	-2.636e+04
						21.0	-587.92	832.06	-1014.72	-9.059e+04	-4.480e+04	-7021.90
45	34	1.617e+04	1.627e+04	4.10e-03	-209.92	42.0	-594.18	727.02	-1014.72	-9.059e+04	-6.725e+04	1.012e+04
		-1.236e+04	-3.320e+04	-4.42e-04	0.0	0.0	-617.27	655.71	1231.74	-7.518e+04	-3.320e+04	-1.236e+04
						21.0	-623.53	550.83	1231.74	-7.518e+04	-8465.17	3007.30
45	35	1.329e+04	-3.366e+04	3.61e-03	-209.92	42.0	-629.79	445.80	1231.74	-7.518e+04	1.627e+04	1.617e+04
		-1.972e+04	-4.424e+04	1.08e-03	0.0	0.0	-129.54	811.06	-305.27	-8.378e+04	-3.366e+04	-1.972e+04
						21.0	-135.80	706.18	-305.27	-8.378e+04	-3.895e+04	-2116.38
45	41	1.487e+04	-4116.43	3.90e-03	-209.92	42.0	-142.06	601.14	-305.27	-8.378e+04	-4.424e+04	1.329e+04
		-1.537e+04	-2.951e+04	-2.79e-04	0.0	0.0	-799.23	723.04	640.94	-7.824e+04	-2.951e+04	-1.537e+04
						21.0	-805.49	618.16	640.94	-7.824e+04	-1.681e+04	853.27
45	44	1.459e+04	-2.385e+04	3.81e-03	-209.92	42.0	-811.75	513.12	640.94	-7.824e+04	-4116.43	1.487e+04
		-1.672e+04	-3.735e+04	9.17e-04	0.0	0.0	52.42	743.73	285.53	-8.072e+04	-3.735e+04	-1.672e+04
						21.0	46.16	638.86	285.53	-8.072e+04	-3.060e+04	37.64
45	58	1.687e+04	1.099e+04	4.15e-03	-209.92	42.0	39.90	533.82	285.53	-8.072e+04	-2.385e+04	1.459e+04
		-1.121e+04	-3.859e+04	-2.37e-05	0.0	0.0	-280.62	638.77	1155.78	-7.427e+04	-3.859e+04	-1.121e+04
						21.0	-286.87	533.89	1155.78	-7.427e+04	-1.380e+04	3930.71
45	59	1.259e+04	-2.827e+04	3.56e-03	-209.92	42.0	-293.13	428.85	1155.78	-7.427e+04	1.099e+04	1.687e+04
		-2.087e+04	-3.896e+04	6.61e-04	0.0	0.0	-466.20	828.01	-229.31	-8.469e+04	-2.827e+04	-2.087e+04
						21.0	-472.46	723.13	-229.31	-8.469e+04	-3.362e+04	-3039.79
45	66	1.605e+04	1.372e+04	4.08e-03	-209.92	42.0	-478.72	618.09	-229.31	-8.469e+04	-3.896e+04	1.259e+04
		-1.268e+04	-3.322e+04	-3.78e-04	0.0	0.0	-596.82	662.31	1167.10	-7.555e+04	-3.322e+04	-1.268e+04
						21.0	-603.07	557.43	1167.10	-7.555e+04	-9746.63	2787.37
45	67	1.341e+04	-3.364e+04	3.63e-03	-209.92	42.0	-609.34	452.39	1167.10	-7.555e+04	1.372e+04	1.605e+04
		-1.941e+04	-4.169e+04	1.02e-03	0.0	0.0	-159.00	804.46	-240.63	-8.341e+04	-3.364e+04	-1.941e+04
						21.0	-156.25	699.59	-240.63	-8.341e+04	-3.767e+04	-1896.45
45	73	1.486e+04	-4942.55	3.89e-03	-209.92	42.0	-162.52	594.55	-240.63	-8.341e+04	-4.169e+04	1.341e+04
		-1.542e+04	-2.984e+04	-2.29e-04	0.0	0.0	-763.40	723.93	626.08	-7.834e+04	-2.984e+04	-1.542e+04
						21.0	-769.66	619.05	626.08	-7.834e+04	-1.739e+04	817.47
45	76	1.460e+04	-2.303e+04	3.82e-03	-209.92	42.0	-775.92	514.01	626.08	-7.834e+04	-4942.55	1.486e+04
		-1.666e+04	-3.702e+04	8.66e-04	0.0	0.0	16.59	742.85	300.39	-8.062e+04	-3.702e+04	-1.666e+04
						21.0	10.33	637.97	300.39	-8.062e+04	-3.002e+04	73.44
45	90	1.669e+04	8884.53	4.12e-03	-209.92	42.0	4.07	532.93	300.39	-8.062e+04	-2.303e+04	1.460e+04
		-1.162e+04	-3.816e+04	1.27e-05	0.0	0.0	-288.56	646.80	1097.34	-7.471e+04	-3.816e+04	-1.162e+04
						21.0	-294.81	541.92	1097.34	-7.471e+04	-1.464e+04	3633.92
45	91	1.277e+04	-2.871e+04	3.59e-03	-209.92	42.0	-301.08	436.88	1097.34	-7.471e+04	8884.53	1.669e+04
		-2.046e+04	-3.685e+04	6.32e-04	0.0	0.0	-458.26	819.98	-170.87	-8.425e+04	-2.871e+04	-2.046e+04
						21.0	-464.51	715.10	-170.87	-8.425e+04	-3.278e+04	-2743.00
46	6	7.058e+04	1.383e+05	-0.08	-2691.80	42.0	-470.78	610.06	-170.87	-8.425e+04	-3.685e+04	1.277e+04
		-1.147e+05	9670.25	-0.02	0.0	0.0	3631.04	1370.13	238.65	2.878e+04	9670.25	-1.147e+05
						268.3	3849.46	13.59	238.65	2.878e+04	7.397e+04	7.058e+04
46	7	1.022e+05	8.600e+04	-0.08	-2691.80	536.7	4064.46	-1321.67	238.65	2.878e+04	1.383e+05	-1.053e+05
		-1.442e+05	5.081e+04	0.01	0.0	0.0	-4288.66	1126.16	66.56	1603.36	5.081e+04	-2.230e+04
						268.3	-4070.24	-230.38	66.56	1603.36	6.840e+04	9.734e+04
46	15	1.026e+05	1.271e+05	-0.08	-2691.80	536.7	-3855.24	-1565.63	66.56	1603.36	8.600e+04	-1.442e+05
		-1.454e+05	-1125.87	7.30e-03	0.0	0.0	-3805.25	1120.98	237.99	860.92	-1125.87	-2.072e+04
						268.3	-3586.83	-235.56	237.99	860.92	6.297e+04	9.752e+04
46	16	9.818e+04	1.398e+05	-0.08	-2691.80	536.7	-3371.83	-1570.82	237.99	860.92	1.271e+05	-1.454e+05
		-1.414e+05	-1.479e+04	5.35e-03	0.0	0.0	-2786.59	1148.45	286.43	2213.82	-1.479e+04	-3.171e+04
						268.3	-2568.17	-208.09	286.43	2213.82	6.252e+04	9.403e+04
46	38	7.759e+04	1.245e+05	-0.08	-2691.80	536.7	-2353.17	-1543.34	286.43	2213.82	1.398e+05	-1.414e+05
						0.0	1556.53	1306.22	193.33	2.167e+04	2.054e+04	-9.047e+04

		-1.155e+05	2.054e+04	-0.01	0.0	268.3	1774.95	-50.31	193.33	2.167e+04	7.254e+04	7.759e+04
						536.7	1989.95	-1385.57	193.33	2.167e+04	1.245e+05	-1.155e+05
46	39	9.309e+04	9.974e+04	-0.08	-2691.80	0.0	-2214.15	1190.07	111.87	8706.53	3.993e+04	-4.650e+04
		-1.340e+05	3.993e+04	-5.27e-03	0.0	268.3	-1995.73	-166.47	111.87	8706.53	6.984e+04	9.032e+04
						536.7	-1780.73	-1501.73	111.87	8706.53	9.974e+04	-1.340e+05
46	47	9.325e+04	1.192e+05	-0.08	-2691.80	0.0	-1981.39	1187.63	193.07	8357.77	1.535e+04	-4.576e+04
		-1.346e+05	1.535e+04	-6.32e-03	0.0	268.3	-1762.97	-168.91	193.07	8357.77	6.727e+04	9.041e+04
						536.7	-1547.97	-1504.16	193.07	8357.77	1.192e+05	-1.346e+05
46	48	9.119e+04	1.252e+05	-0.08	-2691.80	0.0	-1506.59	1200.41	215.84	8992.68	8922.72	-5.087e+04
		-1.327e+05	8922.72	-6.82e-03	0.0	268.3	-1288.17	-156.13	215.84	8992.68	6.705e+04	8.878e+04
						536.7	-1073.17	-1491.39	215.84	8992.68	1.252e+05	-1.327e+05
46	70	7.813e+04	1.235e+05	-0.08	-2691.80	0.0	1398.13	1301.34	189.90	2.113e+04	2.136e+04	8.862e+04
		-1.163e+05	2.136e+04	-0.01	0.0	268.3	1616.55	-55.19	189.90	2.113e+04	7.242e+04	7.813e+04
						536.7	1831.54	-1390.45	189.90	2.113e+04	1.235e+05	-1.163e+05
46	71	9.239e+04	1.008e+05	-0.08	-2691.80	0.0	-2055.74	1194.95	115.30	9250.93	3.912e+04	-4.835e+04
		-1.332e+05	3.912e+04	-5.55e-03	0.0	268.3	-1837.32	-161.59	115.30	9250.93	6.995e+04	8.979e+04
						536.7	-1622.33	-1496.85	115.30	9250.93	1.008e+05	-1.332e+05
46	79	9.254e+04	1.186e+05	-0.08	-2691.80	0.0	-1842.48	1192.72	189.66	8931.57	1.660e+04	-4.767e+04
		-1.338e+05	1.660e+04	-6.55e-03	0.0	268.3	-1624.06	-163.82	189.66	8931.57	6.760e+04	8.987e+04
						536.7	-1409.07	-1499.08	189.66	8931.57	1.186e+05	-1.338e+05
46	80	9.065e+04	1.241e+05	-0.08	-2691.80	0.0	-1407.81	1204.41	210.52	9512.93	1.072e+04	-5.235e+04
		-1.320e+05	1.072e+04	-7.02e-03	0.0	268.3	-1189.38	-152.13	210.52	9512.93	6.740e+04	8.838e+04
						536.7	-974.39	-1487.38	210.52	9512.93	1.241e+05	-1.320e+05
47	7	5.943e+04	2.175e+05	-0.03	-2392.99	0.0	-3509.16	987.31	-975.28	-1.458e+04	2.175e+05	-3.130e+04
		-1.372e+05	-2.346e+05	0.02	0.0	231.6	-3294.53	-237.02	-975.28	-1.458e+04	-8528.91	5.436e+04
						463.3	-3089.65	-1405.68	-975.28	-1.458e+04	-2.346e+05	-1.372e+05
47	13	6.257e+04	6.338e+04	-0.04	-2392.99	0.0	-4046.07	1103.00	-320.76	-2.660e+04	6.338e+04	-5.134e+04
		-1.034e+05	-8.525e+04	-5.47e-03	0.0	231.6	-3831.43	-121.33	-320.76	-2.660e+04	-1.093e+04	6.122e+04
						463.3	-3626.55	-1289.99	-320.76	-2.660e+04	-8.525e+04	-1.034e+05
47	29	6.194e+04	1.240e+05	-0.04	-2392.99	0.0	-4283.67	1038.89	-580.53	-3.430e+04	1.240e+05	-3.866e+04
		-1.211e+05	-1.456e+05	6.19e-03	0.0	231.6	-4069.04	-185.44	-580.53	-3.430e+04	-1.082e+04	5.868e+04
						463.3	-3864.16	-1354.10	-580.53	-3.430e+04	-1.456e+05	-1.211e+05
47	32	5.885e+04	1.286e+05	-0.04	-2392.99	0.0	-2785.50	1084.65	-606.46	2706.03	-1.159e+04	5.702e+04
		-1.113e+05	-1.518e+05	-1.25e-03	0.0	231.6	-2570.86	-139.67	-606.46	2706.03	-1.518e+05	-1.113e+05
						463.3	-2365.98	-1308.34	-606.46	2706.03	-1.518e+05	-1.113e+05
47	39	5.976e+04	1.698e+05	-0.04	-2392.99	0.0	-3522.74	1026.31	-775.69	-1.520e+04	1.698e+05	-3.859e+04
		-1.262e+05	-1.897e+05	9.23e-03	0.0	231.6	-3308.10	-198.01	-775.69	-1.520e+04	-9924.98	5.619e+04
						463.3	-3103.22	-1366.68	-775.69	-1.520e+04	-1.897e+05	-1.262e+05
47	45	6.143e+04	9.626e+04	-0.04	-2392.99	0.0	-3772.42	1081.53	-463.29	-2.088e+04	9.626e+04	-4.815e+04
		-1.101e+05	-1.184e+05	-1.59e-03	0.0	231.6	-3557.78	-142.80	-463.29	-2.088e+04	-1.107e+04	5.946e+04
						463.3	-3352.90	-1311.46	-463.29	-2.088e+04	-1.184e+05	-1.101e+05
47	61	6.113e+04	1.250e+05	-0.04	-2392.99	0.0	-3881.14	1051.19	-586.77	-2.448e+04	1.250e+05	-4.216e+04
		-1.185e+05	-1.471e+05	4.79e-03	0.0	231.6	-3666.50	-173.14	-586.77	-2.448e+04	-1.102e+04	5.826e+04
						463.3	-3461.62	-1341.80	-586.77	-2.448e+04	-1.471e+05	-1.185e+05
47	64	5.965e+04	1.275e+05	-0.04	-2392.99	0.0	-3188.03	1072.35	-600.22	-7108.06	1.275e+05	-4.828e+04
		-1.140e+05	-1.503e+05	2.53e-03	0.0	231.6	-2973.40	-151.97	-600.22	-7108.06	-1.138e+04	5.745e+04
						463.3	-2768.52	-1320.64	-600.22	-7108.06	-1.503e+05	-1.140e+05
47	71	5.982e+04	1.662e+05	-0.04	-2392.99	0.0	-3523.73	1029.29	-760.40	-1.525e+04	1.662e+05	-3.915e+04
		-1.254e+05	-1.862e+05	8.74e-03	0.0	231.6	-3309.10	-195.04	-760.40	-1.525e+04	-1.003e+04	5.633e+04
						463.3	-3104.22	-1363.70	-760.40	-1.525e+04	-1.862e+05	-1.254e+05
47	77	6.135e+04	9.878e+04	-0.04	-2392.99	0.0	-3752.31	1079.87	-474.22	-2.045e+04	9.878e+04	-4.791e+04
		-1.106e+05	-1.209e+05	-1.29e-03	0.0	231.6	-3537.67	-144.45	-474.22	-2.045e+04	-1.108e+04	5.933e+04
						463.3	-3332.79	-1313.12	-474.22	-2.045e+04	-1.209e+05	-1.106e+05
47	93	6.107e+04	1.251e+05	-0.04	-2392.99	0.0	-3851.79	1052.08	-587.32	-2.375e+04	1.251e+05	-4.242e+04
		-1.183e+05	-1.472e+05	4.69e-03	0.0	231.6	-3637.15	-172.24	-587.32	-2.375e+04	-1.104e+04	5.823e+04
						463.3	-3432.28	-1340.90	-587.32	-2.375e+04	-1.472e+05	-1.183e+05
47	96	5.971e+04	1.274e+05	-0.04	-2392.99	0.0	-3217.38	1071.46	-599.67	-7840.84	1.274e+05	-4.802e+04
		-1.142e+05	-1.501e+05	2.63e-03	0.0	231.6	-3002.74	-152.87	-599.67	-7840.84	-1.137e+04	5.748e+04
						463.3	-2797.86	-1321.53	-599.67	-7840.84	-1.501e+05	-1.142e+05
49	2	7.105e+04	5.414e+04	-0.06	-2500.69	0.0	3041.16	1199.01	359.52	-3.709e+04	-1.259e+05	-7.105e+04
		-1.001e+05	-1.259e+05	-0.03	0.0	250.5	3230.45	-51.34	359.52	-3.709e+04	-3.590e+04	7.105e+04
						501.1	3419.74	-1301.68	359.52	-3.709e+04	5.414e+04	-1.001e+05
49	3	7.832e+04	4.271e+04	-0.07	-2500.69	0.0	-3347.79	1188.32	-180.78	-2.246e+04	4.271e+04	-6.442e+04
		-9.219e+04	-4.781e+04	0.03	0.0	250.5	-3158.50	-62.03	-180.78	-2.246e+04	-2550.97	7.832e+04
						501.1	-2969.21	-1312.38	-180.78	-2.246e+04	-4.781e+04	-9.219e+04
49	5	7.066e+04	7.025e+04	-0.06	-2500.69	0.0	2463.55	1211.38	425.26	-3.624e+04	-1.431e+05	-7.460e+04
		-9.733e+04	-1.431e+05	-0.03	0.0	250.5	2652.84	-38.96	425.26	-3.624e+04	-3.640e+04	7.066e+04
						501.1	2842.13	-1289.31	425.26	-3.624e+04	7.025e+04	-9.733e+04
49	16	8.017e+04	4.904e+04	-0.07	-2500.69	0.0	-1766.30	1168.79	-214.50	-2.361e+04	4.904e+04	-5.752e+04
		-9.539e+04	-5.868e+04	0.02	0.0	250.5	-1577.01	-81.56	-214.50	-2.361e+04	-4821.24	8.017e+04
						501.1	-1387.72	-1331.90	-214.50	-2.361e+04	-5.868e+04	-9.539e+04
49	26	7.422e+04	-6296.90	-0.06	-2500.69	0.0	1355.66	1175.99	68.38	-3.336e+04	-4.004e+04	-6.321e+04
		-1.016e+05	-4.004e+04	-0.01	0.0	250.5	1544.95	-74.35	68.38	-3.336e+04	-2.317e+04	7.422e+04
						501.1	1734.24	-1324.70	68.38	-3.336e+04	-6296.90	-1.016e+05
49	34	7.298e+04	2.759e+04	-0.06	-2500.69	0.0	1366.86	1196.16	218.72	-3.326e+04	-8.198e+04	-6.932e+04
		-9.796e+04	-8.198e+04	-0.01	0.0	250.5	1556.15	-54.18	218.72	-3.326e+04	-2.719e+04	7.298e+04
						501.1	1745.44	-1304.53	218.72	-3.326e+04	2.759e+04	-9.796e+04

49	35	7.639e+04	-1251.15	-0.06	-2500.69	0.0	-1673.49	1191.16	-39.98	-2.629e+04	-1251.15	-6.615e+04	
		-9.432e+04	-2.126e+04	0.02	0.0	250.5	-1484.20	-59.19		-39.98	-2.629e+04	-1.125e+04	7.639e+04
						501.1	-1294.91	-1309.53		-39.98	-2.629e+04	-2.126e+04	-9.432e+04
49	37	7.279e+04	3.511e+04	-0.06	-2500.69	0.0	1098.30	1201.92	249.41	-3.286e+04	-8.997e+04	-7.098e+04	
		-9.669e+04	-8.997e+04	-0.01	0.0	250.5	1287.59	-48.43	249.41	-3.286e+04	-2.743e+04	7.279e+04	
						501.1	1476.88	-1298.78	249.41	-3.286e+04	3.511e+04	-9.669e+04	
49	48	7.728e+04	1517.15	-0.07	-2500.69	0.0	-923.92	1181.92	-55.15	-2.683e+04	1517.15	-6.289e+04	
		-9.580e+04	-2.623e+04	0.01	0.0	250.5	-734.63	-68.43	-55.15	-2.683e+04	-1.235e+04	7.728e+04	
						501.1	-545.34	-1318.77	-55.15	-2.683e+04	-2.623e+04	-9.580e+04	
49	58	7.447e+04	-1063.09	-0.06	-2500.69	0.0	558.67	1185.44	80.52	-3.147e+04	-4.117e+04	-6.564e+04	
		-9.868e+04	-4.117e+04	-4.86e-03	0.0	250.5	747.96	-64.91	80.52	-3.147e+04	-2.112e+04	7.447e+04	
						501.1	937.25	-1315.26	80.52	-3.147e+04	-1063.09	-9.868e+04	
49	66	7.312e+04	2.554e+04	-0.06	-2500.69	0.0	1239.12	1195.95	207.87	-3.297e+04	-7.859e+04	-6.919e+04	
		-9.781e+04	-7.859e+04	-0.01	0.0	250.5	1428.42	-54.39	207.87	-3.297e+04	-2.652e+04	7.312e+04	
						501.1	1617.71	-1304.74	207.87	-3.297e+04	2.554e+04	-9.781e+04	
49	67	7.625e+04	-4637.63	-0.06	-2500.69	0.0	-1545.75	1191.37	-29.13	-2.658e+04	-4637.63	-6.628e+04	
		-9.447e+04	-1.921e+04	0.02	0.0	250.5	-1356.46	-58.98	-29.13	-2.658e+04	-1.192e+04	7.625e+04	
						501.1	-1167.17	-1309.32	-29.13	-2.658e+04	-1.921e+04	-9.447e+04	
49	69	7.295e+04	3.242e+04	-0.06	-2500.69	0.0	993.28	1201.22	235.96	-3.260e+04	-8.591e+04	-7.070e+04	
		-9.664e+04	-8.591e+04	-0.01	0.0	250.5	1182.57	-49.13	235.96	-3.260e+04	-2.674e+04	7.295e+04	
						501.1	1371.86	-1299.48	235.96	-3.260e+04	3.242e+04	-9.664e+04	
49	80	7.706e+04	-2107.37	-0.07	-2500.69	0.0	-859.23	1182.91	-43.00	-2.708e+04	-2107.37	-6.330e+04	
		-9.583e+04	-2.375e+04	0.01	0.0	250.5	-669.94	-67.44	-43.00	-2.708e+04	-1.293e+04	7.706e+04	
						501.1	-480.65	-1317.78	-43.00	-2.708e+04	-2.375e+04	-9.583e+04	
49	90	7.448e+04	-701.64	-0.06	-2500.69	0.0	498.71	1186.13	81.29	-3.133e+04	-4.121e+04	-6.582e+04	
		-9.846e+04	-4.121e+04	-4.27e-03	0.0	250.5	688.00	-64.21	81.29	-3.133e+04	-2.096e+04	7.448e+04	
						501.1	877.29	-1314.56	81.29	-3.133e+04	-701.64	-9.846e+04	
50	5	2.383e+05	2.129e+04	-0.29	-6025.16	0.0	-480.21	2602.86	-58.36	-6220.75	2.129e+04	-8.870e+04	
		-3.210e+05	-9520.16	-0.02	0.0	289.2	-480.21	-395.32	-58.36	-6220.75	5883.27	2.308e+05	
						578.5	-480.21	-3422.30	-58.36	-6220.75	-9520.16	-3.210e+05	
50	6	2.394e+05	2.228e+04	-0.29	-6025.16	0.0	-749.43	2599.40	-66.55	-6987.88	2.228e+04	-8.754e+04	
		-3.201e+05	-1.356e+04	-0.01	0.0	289.2	-749.43	-398.78	-66.55	-6987.88	4359.47	2.318e+05	
						578.5	-749.43	-3425.76	-66.55	-6987.88	-1.356e+04	-3.201e+05	
50	8	2.303e+05	2.907e+04	-0.27	-6025.16	0.0	-405.81	2677.92	-79.64	-5768.45	2.907e+04	-1.165e+05	
		-3.037e+05	-1.995e+04	0.02	0.0	289.2	-405.81	-320.25	-79.64	-5768.45	4560.66	2.256e+05	
						578.5	-405.81	-3347.24	-79.64	-5768.45	-1.995e+04	-3.037e+05	
50	28	2.347e+05	2.785e+04	-0.28	-6025.16	0.0	-840.16	2646.41	-84.62	-7090.24	2.785e+04	-1.050e+05	
		-3.084e+05	-2.243e+04	9.81e-03	0.0	289.2	-840.16	-351.77	-84.62	-7090.24	2712.48	2.290e+05	
						578.5	-840.16	-3378.76	-84.62	-7090.24	-2.243e+04	-3.084e+05	
50	30	2.372e+05	2.781e+04	-0.29	-6025.16	0.0	-954.43	2625.13	-84.69	-7472.98	2.781e+04	-9.708e+04	
		-3.128e+05	-2.231e+04	-2.08e-03	0.0	289.2	-954.43	-373.05	-84.69	-7472.98	2753.33	2.307e+05	
						578.5	-954.43	-3400.03	-84.69	-7472.98	-2.231e+04	-3.128e+05	
50	31	2.314e+05	2.254e+04	-0.27	-6025.16	0.0	68.40	2655.65	-53.30	-4516.21	2.254e+04	-1.081e+05	
		-3.119e+05	-7163.37	-2.10e-03	0.0	289.2	68.40	-342.52	-53.30	-4516.21	7690.60	2.256e+05	
						578.5	68.40	-3369.51	-53.30	-4516.21	-7163.37	-3.119e+05	
50	37	2.362e+05	2.335e+04	-0.28	-6025.16	0.0	-461.15	2622.47	-64.11	-6108.18	2.335e+04	-9.597e+04	
		-3.165e+05	-1.231e+04	-8.28e-03	0.0	289.2	-461.15	-375.71	-64.11	-6108.18	5521.53	2.294e+05	
						578.5	-461.15	-3402.70	-64.11	-6108.18	-1.231e+04	-3.165e+05	
50	38	2.367e+05	2.381e+04	-0.28	-6025.16	0.0	-585.96	2620.84	-67.91	-6458.18	2.381e+04	-9.542e+04	
		-3.161e+05	-1.418e+04	-6.79e-03	0.0	289.2	-585.96	-377.34	-67.91	-6458.18	4814.72	2.299e+05	
						578.5	-585.96	-3404.32	-67.91	-6458.18	-1.418e+04	-3.161e+05	
50	40	2.324e+05	2.701e+04	-0.28	-6025.16	0.0	-424.87	2658.32	-73.89	-5881.02	2.701e+04	-1.092e+05	
		-3.082e+05	-1.716e+04	7.95e-03	0.0	289.2	-424.87	-339.86	-73.89	-5881.02	4922.40	2.269e+05	
						578.5	-424.87	-3366.84	-73.89	-5881.02	-1.716e+04	-3.082e+05	
50	60	2.345e+05	2.642e+04	-0.28	-6025.16	0.0	-626.86	2643.31	-76.24	-6491.37	2.642e+04	-1.038e+05	
		-3.105e+05	-1.830e+04	4.54e-03	0.0	289.2	-626.86	-354.87	-76.24	-6491.37	4060.11	2.285e+05	
						578.5	-626.86	-3381.86	-76.24	-6491.37	-1.830e+04	-3.105e+05	
50	62	2.357e+05	2.639e+04	-0.28	-6025.16	0.0	-680.54	2633.16	-76.28	-6671.82	2.639e+04	-9.998e+04	
		-3.126e+05	-1.825e+04	-2.10e-03	0.0	289.2	-680.54	-365.02	-76.28	-6671.82	4071.80	2.294e+05	
						578.5	-680.54	-3392.01	-76.28	-6671.82	-1.825e+04	-3.126e+05	
50	63	2.329e+05	2.397e+04	-0.28	-6025.16	0.0	-205.49	2647.63	-61.71	-5317.38	2.397e+04	-1.052e+05	
		-3.121e+05	-1.122e+04	-2.08e-03	0.0	289.2	-205.49	-350.55	-61.71	-5317.38	6372.13	2.270e+05	
						578.5	-205.49	-3377.54	-61.71	-5317.38	-1.122e+04	-3.121e+05	
50	69	2.361e+05	2.351e+04	-0.28	-6025.16	0.0	-459.64	2623.97	-64.52	-6098.77	2.351e+04	-9.652e+04	
		-3.161e+05	-1.251e+04	-7.60e-03	0.0	289.2	-459.64	-374.21	-64.52	-6098.77	5496.00	2.293e+05	
						578.5	-459.64	-3401.19	-64.52	-6098.77	-1.251e+04	-3.161e+05	
50	70	2.365e+05	2.393e+04	-0.28	-6025.16	0.0	-573.88	2622.48	-68.01	-6419.02	2.393e+04	-9.602e+04	
		-3.158e+05	-1.423e+04	-6.23e-03	0.0	289.2	-573.88	-375.69	-68.01	-6419.02	4849.01	2.298e+05	
						578.5	-573.88	-3402.68	-68.01	-6419.02	-1.423e+04	-3.158e+05	
50	72	2.326e+05	2.685e+04	-0.28	-6025.16	0.0	-426.39	2656.81	-73.47	-5890.43	2.685e+04	-1.087e+05	
		-3.086e+05	-1.696e+04	7.27e-03	0.0	289.2	-426.39	-341.37	-73.47	-5890.43	4947.93	2.270e+05	
						578.5	-426.39	-3368.35	-73.47	-5890.43	-1.696e+04	-3.086e+05	
50	92	2.345e+05	2.632e+04	-0.28	-6025.16	0.0	-611.29	2643.06	-75.63	-6449.06	2.632e+04	-1.037e+05	
		-3.106e+05	-1.800e+04	4.14e-03	0.0	289.2	-611.29	-355.12	-75.63	-6449.06	4158.49	2.285e+05	
						578.5	-611.29	-3382.10	-75.63	-6449.06	-1.800e+04	-3.106e+05	
50	94	2.356e+05	2.629e+04	-0.28	-6025.16	0.0	-660.44	2633.77	-75.66	-6614.31	2.629e+04	-1.002e+05	
		-3.125e+05	-1.795e+04	-2.10e-03	0.0	289.2	-660.44	-364.41	-75.66	-6614.31	4169.01	2.293e+05	

						578.5	-660.44	-3391.40	-75.66	-6614.31	-1.795e+04	-3.125e+05
50	95	2.331e+05	2.407e+04	-0.28	-6025.16	0.0	-225.58	2647.02	-62.33	-5374.89	2.407e+04	-1.050e+05
		-3.121e+05	-1.152e+04	-2.08e-03	0.0	289.2	-225.58	-351.16	-62.33	-5374.89	6274.92	2.271e+05
						578.5	-225.58	-3378.14	-62.33	-5374.89	-1.152e+04	-3.121e+05
51	2	8572.33	1.189e+04	-0.01	-486.47	0.0	2206.20	1686.48	366.56	-1.088e+04	-2807.84	-5.220e+04
		-5.220e+04	-2807.84	-5.76e-03	0.0	21.2	2206.20	1442.85	366.56	-1.088e+04	4543.04	-1.924e+04
						42.3	2206.20	1200.01	366.56	-1.088e+04	1.189e+04	8572.33
51	3	-4314.31	-1962.73	-0.02	-486.47	0.0	-2457.60	1901.58	-339.79	-3390.07	-1962.73	-7.391e+04
		-7.391e+04	-1.553e+04	5.46e-03	0.0	21.2	-2457.60	1657.95	-339.79	-3390.07	-8747.47	-3.654e+04
						42.3	-2457.60	1415.11	-339.79	-3390.07	-1.553e+04	-4314.31
51	6	8599.69	1.471e+04	-0.01	-486.47	0.0	2188.09	1685.84	367.07	-1.092e+04	-3008.49	-5.217e+04
		-5.217e+04	-3008.49	-5.73e-03	0.0	21.2	2188.09	1442.22	367.07	-1.092e+04	5850.44	-1.921e+04
						42.3	2188.09	1199.38	367.07	-1.092e+04	1.471e+04	8599.69
51	7	-4341.67	-1762.08	-0.02	-486.47	0.0	-2439.48	1902.21	-340.30	-3344.94	-1762.08	-7.394e+04
		-7.394e+04	-1.835e+04	5.43e-03	0.0	21.2	-2439.48	1658.59	-340.30	-3344.94	-1.005e+04	-3.657e+04
						42.3	-2439.48	1415.75	-340.30	-3344.94	-1.835e+04	-4341.67
51	34	5188.15	4743.04	-0.01	-486.47	0.0	982.95	1743.18	182.29	-8911.24	-2585.01	-5.791e+04
		-5.791e+04	-2585.01	-2.83e-03	0.0	21.2	982.95	1499.56	182.29	-8911.24	1079.01	-2.379e+04
						42.3	982.95	1256.72	182.29	-8911.24	4743.04	5188.15
51	35	-930.12	-2185.56	-0.02	-486.47	0.0	-1234.35	1844.87	-155.53	-5357.74	-2185.56	-6.821e+04
		-6.821e+04	-8381.33	2.53e-03	0.0	21.2	-1234.35	1601.24	-155.53	-5357.74	-5283.44	-3.200e+04
						42.3	-1234.35	1358.40	-155.53	-5357.74	-8381.33	-930.12
51	38	5200.00	6043.05	-0.01	-486.47	0.0	974.53	1742.90	182.47	-8932.81	-2678.49	-5.790e+04
		-5.790e+04	-2678.49	-2.81e-03	0.0	21.2	974.53	1499.27	182.47	-8932.81	1682.28	-2.378e+04
						42.3	974.53	1256.43	182.47	-8932.81	6043.05	5200.00
51	39	-941.98	-2092.08	-0.02	-486.47	0.0	-1225.92	1845.16	-155.71	-5336.16	-2092.08	-6.822e+04
		-6.822e+04	-9681.33	2.51e-03	0.0	21.2	-1225.92	1601.53	-155.71	-5336.16	-5886.71	-3.201e+04
						42.3	-1225.92	1358.69	-155.71	-5336.16	-9681.33	-941.98
51	66	4930.67	4192.47	-0.01	-486.47	0.0	889.77	1747.47	168.12	-8761.92	-2568.19	-5.834e+04
		-5.834e+04	-2568.19	-2.60e-03	0.0	21.2	889.77	1503.84	168.12	-8761.92	812.14	-2.413e+04
						42.3	889.77	1261.00	168.12	-8761.92	4192.47	4930.67
51	67	-672.64	-2202.39	-0.02	-486.47	0.0	-1141.16	1840.59	-141.35	-5507.06	-2202.39	-6.777e+04
		-6.777e+04	-7830.76	2.30e-03	0.0	21.2	-1141.16	1596.96	-141.35	-5507.06	-5016.57	-3.165e+04
						42.3	-1141.16	1354.12	-141.35	-5507.06	-7830.76	-672.64
51	70	4941.51	5382.33	-0.01	-486.47	0.0	882.06	1747.20	168.28	-8781.68	-2653.76	-5.833e+04
		-5.833e+04	-2653.76	-2.59e-03	0.0	21.2	882.06	1503.57	168.28	-8781.68	1364.28	-2.412e+04
						42.3	882.06	1260.73	168.28	-8781.68	5382.33	4941.51
51	71	-683.48	-2116.81	-0.02	-486.47	0.0	-1133.45	1840.85	-141.52	-5487.29	-2116.81	-6.778e+04
		-6.778e+04	-9020.61	2.29e-03	0.0	21.2	-1133.45	1597.23	-141.52	-5487.29	-5568.71	-3.166e+04
						42.3	-1133.45	1354.39	-141.52	-5487.29	-9020.61	-683.48
52	1	1.019e+05	2.753e+04	-0.05	-4941.39	0.0	3127.78	2338.89	-201.08	-4224.14	2.753e+04	-1.090e+05
		-2.418e+05	-5.604e+04	-0.01	0.0	207.2	3127.78	-351.32	-201.08	-4224.14	-1.426e+04	9.711e+04
						414.5	3127.78	-2602.50	-201.08	-4224.14	-5.604e+04	-2.418e+05
52	2	1.008e+05	1.977e+04	-0.05	-4941.39	0.0	4078.97	2374.76	-153.01	-2723.35	1.977e+04	-1.170e+05
		-2.339e+05	-4.366e+04	-0.02	0.0	207.2	4078.97	-315.45	-153.01	-2723.35	-1.195e+04	9.707e+04
						414.5	4078.97	-2566.63	-153.01	-2723.35	-4.366e+04	-2.339e+05
52	3	1.145e+05	3.996e+04	-0.06	-4941.39	0.0	-3759.40	2760.26	104.18	4464.85	-3223.56	-1.791e+05
		-1.791e+05	-3223.56	0.02	0.0	207.2	-3759.40	70.04	104.18	4464.85	1.837e+04	1.145e+05
						414.5	-3759.40	-2181.14	104.18	4464.85	3.996e+04	-1.370e+05
52	4	1.144e+05	5.235e+04	-0.06	-4941.39	0.0	-2808.21	2796.12	152.25	5965.64	-1.098e+04	-1.871e+05
		-1.871e+05	-1.098e+04	0.01	0.0	207.2	-2808.21	105.91	152.25	5965.64	2.068e+04	1.144e+05
						414.5	-2808.21	-2145.27	152.25	5965.64	5.235e+04	-1.290e+05
52	6	9.725e+04	2.017e+04	-0.04	-4941.39	0.0	4075.25	2375.28	-154.57	-2730.46	2.017e+04	-1.172e+05
		-2.418e+05	-4.389e+04	-0.02	0.0	207.2	4075.25	-314.94	-154.57	-2730.46	-1.186e+04	9.299e+04
						414.5	4075.25	-2566.12	-154.57	-2730.46	-4.389e+04	-2.418e+05
52	27	1.220e+05	1.524e+04	-0.06	-4941.39	0.0	-2446.20	2569.21	-53.53	-303.51	1.524e+04	-1.445e+05
		-1.564e+05	-7310.51	0.02	0.0	207.2	-2446.20	-121.00	-53.53	-303.51	3964.00	1.220e+05
						414.5	-2446.20	-2372.18	-53.53	-303.51	-7310.51	-1.564e+05
52	33	1.033e+05	1.740e+04	-0.05	-4941.39	0.0	1580.83	2458.66	-108.37	-1544.15	1.740e+04	-1.295e+05
		-2.123e+05	-2.762e+04	-6.50e-03	0.0	207.2	1580.83	-231.55	-108.37	-1544.15	-5111.22	1.016e+05
						414.5	1580.83	-2482.73	-108.37	-1544.15	-2.762e+04	-2.123e+05
52	34	1.028e+05	1.379e+04	-0.05	-4941.39	0.0	2020.79	2475.26	-86.04	-856.17	1.379e+04	-1.332e+05
		-2.086e+05	-2.188e+04	-0.01	0.0	207.2	2020.79	-214.96	-86.04	-856.17	-4043.10	1.016e+05
						414.5	2020.79	-2466.14	-86.04	-856.17	-2.188e+04	-2.086e+05
52	35	1.099e+05	1.818e+04	-0.05	-4941.39	0.0	-1701.22	2659.76	37.21	2597.67	2754.73	-1.629e+05
		-1.629e+05	2754.73	8.88e-03	0.0	207.2	-1701.22	-30.45	37.21	2597.67	1.047e+04	1.099e+05
						414.5	-1701.22	-2281.63	37.21	2597.67	1.818e+04	-1.622e+05
52	36	1.099e+05	2.393e+04	-0.05	-4941.39	0.0	-1261.26	2676.35	59.54	3285.65	-856.26	-1.666e+05
		-1.666e+05	-856.26	4.98e-03	0.0	207.2	-1261.26	-13.86	59.54	3285.65	1.154e+04	1.099e+05
						414.5	-1261.26	-2265.04	59.54	3285.65	2.393e+04	-1.586e+05
52	38	1.011e+05	1.398e+04	-0.05	-4941.39	0.0	2019.50	2475.51	-86.76	-858.74	1.398e+04	-1.333e+05
		-2.123e+05	-2.198e+04	-0.01	0.0	207.2	2019.50	-214.70	-86.76	-858.74	-4000.34	9.972e+04
						414.5	2019.50	-2465.88	-86.76	-858.74	-2.198e+04	-2.123e+05
52	59	1.133e+05	1.146e+04	-0.06	-4941.39	0.0	-1061.51	2569.16	-37.42	353.96	1.146e+04	-1.466e+05
		-1.717e+05	-4210.81	7.21e-03	0.0	207.2	-1061.51	-121.06	-37.42	353.96	3626.97	1.133e+05
						414.5	-1061.51	-2372.24	-37.42	353.96	-4210.81	-1.717e+05
52	65	1.034e+05	1.663e+04	-0.05	-4941.39	0.0	1461.61	2467.81	-101.32	-1341.18	1.663e+04	-1.310e+05

		-2.100e+05	-2.546e+04	-6.02e-03	0.0	207.2	1461.61	-222.40	-101.32	-1341.18	-4412.03	1.020e+05
						414.5	1461.61	-2473.58	-101.32	-1341.18	-2.546e+04	-2.100e+05
52	66	1.029e+05	1.333e+04	-0.05	-4941.39	0.0	1864.31	2483.00	-80.87	-711.70	1.333e+04	-1.344e+05
		-2.067e+05	-2.020e+04	-9.59e-03	0.0	207.2	1864.31	-207.21	-80.87	-711.70	-3434.41	1.020e+05
						414.5	1864.31	-2458.39	-80.87	-711.70	-2.020e+04	-2.067e+05
52	67	1.096e+05	1.650e+04	-0.05	-4941.39	0.0	-1544.74	2652.02	32.04	2453.20	3217.39	-1.617e+05
		-1.642e+05	3217.39	8.07e-03	0.0	207.2	-1544.74	-38.20	32.04	2453.20	9859.89	1.096e+05
						414.5	-1544.74	-2289.38	32.04	2453.20	1.650e+04	-1.642e+05
52	68	1.096e+05	2.176e+04	-0.05	-4941.39	0.0	-1142.04	2667.21	52.49	3082.68	-88.28	-1.650e+05
		-1.650e+05	-88.28	4.50e-03	0.0	207.2	-1142.04	-23.01	52.49	3082.68	1.084e+04	1.096e+05
						414.5	-1142.04	-2274.19	52.49	3082.68	2.176e+04	-1.608e+05
52	70	1.014e+05	1.350e+04	-0.05	-4941.39	0.0	1863.15	2483.24	-81.53	-714.04	1.350e+04	-1.345e+05
		-2.101e+05	-2.029e+04	-9.36e-03	0.0	207.2	1863.15	-206.98	-81.53	-714.04	-3395.20	1.002e+05
						414.5	1863.15	-2458.16	-81.53	-714.04	-2.029e+04	-2.101e+05
52	91	1.127e+05	1.119e+04	-0.06	-4941.39	0.0	-958.45	2569.04	-36.30	398.56	1.119e+04	-1.467e+05
		-1.729e+05	-4006.76	6.54e-03	0.0	207.2	-958.45	-121.18	-36.30	398.56	3593.47	1.127e+05
						414.5	-958.45	-2372.36	-36.30	398.56	-4006.76	-1.729e+05
53	6	-1.866e+05	-3.063e+04	0.01	-260.54	0.0	7591.78	2473.31	-71.73	1.909e+04	-3.188e+04	-2.460e+05
		-2.460e+05	-3.188e+04	4.66e-04	0.0	11.6	7591.78	2360.84	-71.73	1.909e+04	-3.125e+04	-2.155e+05
						23.2	7591.78	2212.78	-71.73	1.909e+04	-3.063e+04	-1.345e+05
53	7	-2.273e+05	-1.379e+05	0.01	-260.54	0.0	-8026.26	3086.90	767.35	3.107e+04	-1.532e+05	-2.988e+05
		-2.988e+05	-1.532e+05	1.50e-03	0.0	11.6	-8026.26	2974.42	767.35	3.107e+04	-1.455e+05	-2.623e+05
						23.2	-8026.26	2826.36	767.35	3.107e+04	-1.379e+05	-2.273e+05
53	38	-1.973e+05	-5.871e+04	0.01	-260.54	0.0	3499.61	2637.10	149.77	2.222e+04	-6.365e+04	-2.599e+05
		-2.599e+05	-6.365e+04	7.34e-04	0.0	11.6	3499.61	2524.63	149.77	2.222e+04	-6.118e+04	-2.278e+05
						23.2	3499.61	2376.57	149.77	2.222e+04	-5.871e+04	-1.973e+05
53	39	-2.166e+05	-1.098e+05	0.01	-260.54	0.0	-3934.09	2923.11	545.85	2.793e+04	-1.214e+05	-2.849e+05
		-2.849e+05	-1.214e+05	1.23e-03	0.0	11.6	-3934.09	2810.64	545.85	2.793e+04	-1.156e+05	-2.500e+05
						23.2	-3934.09	2662.58	545.85	2.793e+04	-1.098e+05	-2.166e+05
53	70	-1.981e+05	-6.085e+04	0.01	-260.54	0.0	3187.30	2649.22	166.45	2.246e+04	-6.607e+04	-2.610e+05
		-2.610e+05	-6.607e+04	7.54e-04	0.0	11.6	3187.30	2536.74	166.45	2.246e+04	-6.346e+04	-2.287e+05
						23.2	3187.30	2388.68	166.45	2.246e+04	-6.085e+04	-1.981e+05
53	71	-2.158e+05	-1.076e+05	0.01	-260.54	0.0	-3621.78	2911.00	529.17	2.769e+04	-1.190e+05	-2.838e+05
		-2.838e+05	-1.190e+05	1.21e-03	0.0	11.6	-3621.78	2798.52	529.17	2.769e+04	-1.133e+05	-2.490e+05
						23.2	-3621.78	2650.46	529.17	2.769e+04	-1.076e+05	-2.158e+05
54	1	5.313e+04	-3.854e+04	-4.24e-03	-482.14	0.0	-401.20	454.83	93.38	2029.71	-4.138e+04	4.162e+04
		4.162e+04	-4.138e+04	-3.07e-03	0.0	20.4	-401.20	214.13	93.38	2029.71	-3.996e+04	4.983e+04
						40.8	-401.20	-27.31	93.38	2029.71	-3.854e+04	5.313e+04
54	2	5.551e+04	-4.895e+04	-7.05e-03	-482.14	0.0	-185.94	434.54	69.57	943.69	-5.268e+04	4.358e+04
		4.358e+04	-5.268e+04	-3.21e-03	0.0	20.4	-185.94	193.85	69.57	943.69	-5.081e+04	5.200e+04
						40.8	-185.94	-47.60	69.57	943.69	-4.895e+04	5.551e+04
54	3	4.744e+04	6.450e+04	1.72e-03	-482.14	0.0	970.59	208.91	-85.49	2.466e+04	6.450e+04	4.577e+04
		4.405e+04	6.012e+04	2.75e-03	0.0	20.4	970.59	-31.79	-85.49	2.466e+04	6.231e+04	4.737e+04
						40.8	970.59	-273.23	-85.49	2.466e+04	6.012e+04	4.405e+04
54	4	4.958e+04	5.320e+04	-1.15e-03	-482.14	0.0	1185.85	188.62	-109.31	2.357e+04	5.320e+04	4.773e+04
		4.643e+04	4.971e+04	2.61e-03	0.0	20.4	1185.85	-52.08	-109.31	2.357e+04	5.146e+04	4.954e+04
						40.8	1185.85	-293.52	-109.31	2.357e+04	4.971e+04	4.643e+04
54	6	5.555e+04	-4.871e+04	-5.66e-03	-482.14	0.0	-204.47	433.65	94.87	794.13	-5.250e+04	4.362e+04
		4.362e+04	-5.250e+04	-3.29e-03	0.0	20.4	-204.47	192.95	94.87	794.13	-5.060e+04	5.204e+04
						40.8	-204.47	-48.50	94.87	794.13	-4.871e+04	5.555e+04
54	25	4.732e+04	8272.12	-3.52e-03	-482.14	0.0	-110.45	395.43	-25.77	1.172e+04	8272.12	4.065e+04
		4.065e+04	7335.81	-6.06e-04	0.0	20.4	-110.45	154.73	-25.77	1.172e+04	7803.97	4.629e+04
						40.8	-110.45	-86.71	-25.77	1.172e+04	7335.81	4.702e+04
54	33	5.145e+04	-1.553e+04	-3.40e-03	-482.14	0.0	16.08	385.05	40.18	7649.30	-1.672e+04	4.327e+04
		4.327e+04	-1.672e+04	-1.58e-03	0.0	20.4	16.08	144.35	40.18	7649.30	-1.613e+04	4.978e+04
						40.8	16.08	-97.10	40.18	7649.30	-1.553e+04	5.138e+04
54	34	5.253e+04	-2.034e+04	-4.69e-03	-482.14	0.0	114.55	375.77	29.19	7144.64	-2.194e+04	4.416e+04
		4.416e+04	-2.194e+04	-1.65e-03	0.0	20.4	114.55	135.07	29.19	7144.64	-2.114e+04	5.077e+04
						40.8	114.55	-106.37	29.19	7144.64	-2.034e+04	5.247e+04
54	35	4.868e+04	3.377e+04	-8.20e-04	-482.14	0.0	670.10	267.68	-45.11	1.846e+04	3.377e+04	4.519e+04
		4.519e+04	3.151e+04	1.19e-03	0.0	20.4	670.10	26.98	-45.11	1.846e+04	3.264e+04	4.859e+04
						40.8	670.10	-214.46	-45.11	1.846e+04	3.151e+04	4.709e+04
54	36	4.969e+04	2.855e+04	-1.93e-03	-482.14	0.0	768.57	258.41	-56.11	1.795e+04	2.855e+04	4.608e+04
		4.608e+04	2.670e+04	1.13e-03	0.0	20.4	768.57	17.71	-56.11	1.795e+04	2.763e+04	4.958e+04
						40.8	768.57	-223.73	-56.11	1.795e+04	2.670e+04	4.817e+04
54	57	4.896e+04	6784.14	-3.06e-03	-482.14	0.0	158.37	356.26	-15.87	1.227e+04	6784.14	4.283e+04
		4.283e+04	6187.81	-4.08e-04	0.0	20.4	158.37	115.56	-15.87	1.227e+04	6485.97	4.814e+04
						40.8	158.37	-125.88	-15.87	1.227e+04	6187.81	4.854e+04
54	58	5.262e+04	-9127.60	-3.10e-03	-482.14	0.0	430.07	322.40	25.54	1.010e+04	-1.011e+04	4.595e+04
		4.595e+04	-1.011e+04	-8.82e-04	0.0	20.4	430.07	81.70	25.54	1.010e+04	-9618.58	5.159e+04
						40.8	430.07	-159.74	25.54	1.010e+04	-9127.60	5.231e+04
54	65	5.134e+04	-1.376e+04	-3.34e-03	-482.14	0.0	47.71	379.72	36.13	8081.73	-1.483e+04	4.339e+04
		4.339e+04	-1.483e+04	-1.47e-03	0.0	20.4	47.71	139.02	36.13	8081.73	-1.429e+04	4.978e+04
						40.8	47.71	-102.42	36.13	8081.73	-1.376e+04	5.125e+04
54	66	5.232e+04	-1.816e+04	-4.52e-03	-482.14	0.0	137.82	371.24	26.07	7619.74	-1.960e+04	4.421e+04
		4.421e+04	-1.960e+04	-1.53e-03	0.0	20.4	137.82	130.54	26.07	7619.74	-1.888e+04	5.068e+04
						40.8	137.82	-110.90	26.07	7619.74	-1.816e+04	5.225e+04

54	67	4.880e+04	3.143e+04	-9.42e-04	-482.14	0.0	646.83	272.22	-42.00	1.798e+04	3.143e+04	4.514e+04
		4.514e+04	2.933e+04	1.07e-03	0.0	20.4	646.83	31.52	-42.00	1.798e+04	3.038e+04	4.868e+04
						40.8	646.83	-209.92	-42.00	1.798e+04	2.933e+04	4.731e+04
54	68	4.973e+04	2.665e+04	-1.99e-03	-482.14	0.0	736.94	263.73	-52.06	1.752e+04	2.665e+04	4.596e+04
		4.596e+04	2.493e+04	1.01e-03	0.0	20.4	736.94	23.03	-52.06	1.752e+04	2.579e+04	4.959e+04
						40.8	736.94	-218.41	-52.06	1.752e+04	2.493e+04	4.831e+04
54	89	4.908e+04	6704.96	-3.03e-03	-482.14	0.0	178.15	353.35	-15.20	1.231e+04	6704.96	4.299e+04
		4.299e+04	6131.90	-3.93e-04	0.0	20.4	178.15	112.65	-15.20	1.231e+04	6418.43	4.827e+04
						40.8	178.15	-128.79	-15.20	1.231e+04	6131.90	4.864e+04
54	90	5.242e+04	-7886.53	-3.06e-03	-482.14	0.0	426.76	322.36	22.71	1.032e+04	-8758.36	4.584e+04
		4.584e+04	-8758.36	-8.27e-04	0.0	20.4	426.76	81.66	22.71	1.032e+04	-8322.45	5.142e+04
						40.8	426.76	-159.78	22.71	1.032e+04	-7886.53	5.210e+04
55	1	3.304e+04	3659.54	-0.03	-1705.03	0.0	-29.26	373.13	29.27	-3732.81	-7317.12	5357.33
		-1.153e+05	-7317.12	-0.03	0.0	191.8	-60.89	-232.66	29.27	-3732.81	-1828.79	2.676e+04
						383.5	-118.29	-1331.91	29.27	-3732.81	3659.54	-1.153e+05
55	3	3.608e+04	4426.20	-0.03	-1705.03	0.0	519.00	855.38	17.18	-5584.07	-2495.60	8.445e+04
		-8.445e+04	-2495.60	0.03	0.0	191.8	487.37	249.59	17.18	-5584.07	965.30	2.945e+04
						383.5	429.97	-849.65	17.18	-5584.07	4426.20	-2.013e+04
55	6	3.424e+04	3116.96	-0.03	-1705.03	0.0	-127.40	344.63	26.74	-5158.43	-6798.40	1.027e+04
		-1.215e+05	-6798.40	-0.04	0.0	191.8	-159.04	-261.16	26.74	-5158.43	-1840.72	2.610e+04
						383.5	-216.44	-1360.40	26.74	-5158.43	3116.96	-1.215e+05
55	13	2.959e+04	4717.48	-0.02	-1705.03	0.0	556.18	453.72	25.56	-4050.67	-4584.99	9666.74
		-9.946e+04	-4584.99	-0.02	0.0	191.8	524.55	-152.07	25.56	-4050.67	66.25	2.718e+04
						383.5	467.15	-1251.31	25.56	-4050.67	4717.48	-9.946e+04
55	16	3.037e+04	2818.53	-0.03	-1705.03	0.0	-163.40	747.88	18.30	-6769.64	-4698.08	6.491e+04
		-6.491e+04	-4698.08	0.01	0.0	191.8	-195.03	142.09	18.30	-6769.64	-939.78	2.827e+04
						383.5	-252.44	-957.15	18.30	-6769.64	2818.53	-4.202e+04
55	21	2.874e+04	4888.75	-0.03	-1705.03	0.0	451.04	597.00	26.97	-2698.75	-5431.14	3.572e+04
		-7.027e+04	-5431.14	1.16e-03	0.0	191.8	419.41	-8.79	26.97	-2698.75	-271.19	2.874e+04
						383.5	362.00	-1108.03	26.97	-2698.75	4888.75	-7.027e+04
55	33	2.874e+04	3717.65	-0.02	-1705.03	0.0	89.18	491.90	25.40	-4628.39	-5910.62	1.689e+04
		-9.207e+04	-5910.62	-0.02	0.0	191.8	57.55	-113.89	25.40	-4628.39	-1096.48	2.726e+04
						383.5	0.14	-1213.13	25.40	-4628.39	3717.65	-9.207e+04
55	35	3.003e+04	4073.77	-0.03	-1705.03	0.0	348.72	722.25	19.65	-5492.07	-3614.90	5.979e+04
		-5.979e+04	-3614.90	0.01	0.0	191.8	317.09	116.46	19.65	-5492.07	229.44	2.854e+04
						383.5	259.69	-982.79	19.65	-5492.07	4073.77	-4.661e+04
55	38	2.876e+04	3465.59	-0.02	-1705.03	0.0	43.52	478.58	24.23	-5291.96	-5673.05	1.459e+04
		-9.498e+04	-5673.05	-0.02	0.0	191.8	11.89	-127.21	24.23	-5291.96	-1103.73	2.695e+04
						383.5	-45.51	-1226.46	24.23	-5291.96	3465.59	-9.498e+04
55	45	2.802e+04	4212.76	-0.02	-1705.03	0.0	367.04	530.58	23.61	-4778.22	-4615.07	2.410e+04
		-8.446e+04	-4615.07	-9.32e-03	0.0	191.8	335.41	-75.21	23.61	-4778.22	-201.15	2.746e+04
						383.5	278.00	-1174.45	23.61	-4778.22	4212.76	-8.446e+04
55	48	2.824e+04	3323.25	-0.02	-1705.03	0.0	25.74	671.03	20.24	-6042.09	-4668.01	5.048e+04
		-5.703e+04	-4668.01	6.05e-03	0.0	191.8	-5.89	65.24	20.24	-6042.09	-672.38	2.799e+04
						383.5	-63.29	-1034.00	20.24	-6042.09	3323.25	-5.703e+04
55	53	2.819e+04	4289.82	-0.02	-1705.03	0.0	315.86	598.52	24.26	-4148.25	-5002.76	3.647e+04
		-7.063e+04	-5002.76	-8.04e-04	0.0	191.8	284.23	-7.27	24.26	-4148.25	-356.47	2.819e+04
						383.5	226.83	-1106.51	24.26	-4148.25	4289.82	-7.063e+04
55	65	2.856e+04	3721.91	-0.02	-1705.03	0.0	98.19	501.04	25.10	-4694.46	-5803.88	1.861e+04
		-9.028e+04	-5803.88	-0.01	0.0	191.8	66.56	-104.75	25.10	-4694.46	-1040.98	2.730e+04
						383.5	9.16	-1203.99	25.10	-4694.46	3721.91	-9.028e+04
55	67	2.972e+04	4047.91	-0.03	-1705.03	0.0	335.90	712.05	19.84	-5485.17	-3701.04	5.790e+04
		-5.790e+04	-3701.04	0.01	0.0	191.8	304.26	106.26	19.84	-5485.17	173.43	2.847e+04
						383.5	246.86	-992.98	19.84	-5485.17	4047.91	-4.863e+04
55	70	2.858e+04	3491.17	-0.02	-1705.03	0.0	56.40	488.84	24.04	-5301.92	-5586.49	1.650e+04
		-9.294e+04	-5586.49	-0.02	0.0	191.8	24.76	-116.95	24.04	-5301.92	-1047.66	2.702e+04
						383.5	-32.64	-1216.19	24.04	-5301.92	3491.17	-9.294e+04
55	77	2.790e+04	4175.23	-0.02	-1705.03	0.0	352.69	536.47	23.47	-4831.66	-4617.30	2.521e+04
		-8.331e+04	-4617.30	-8.67e-03	0.0	191.8	321.05	-69.32	23.47	-4831.66	-221.04	2.748e+04
						383.5	263.65	-1168.56	23.47	-4831.66	4175.23	-8.331e+04
55	80	2.808e+04	3360.78	-0.02	-1705.03	0.0	40.09	665.13	20.38	-5988.65	-4665.77	4.937e+04
		-5.818e+04	-4665.77	5.41e-03	0.0	191.8	8.46	59.34	20.38	-5988.65	-652.50	2.797e+04
						383.5	-48.94	-1039.90	20.38	-5988.65	3360.78	-5.818e+04
55	85	2.815e+04	4245.71	-0.02	-1705.03	0.0	305.78	598.71	24.06	-4254.94	-4972.08	3.653e+04
		-7.064e+04	-4972.08	-8.83e-04	0.0	191.8	274.15	-7.08	24.06	-4254.94	-363.18	2.815e+04
						383.5	216.75	-1106.33	24.06	-4254.94	4245.71	-7.064e+04
56	18	-6.444e+04	3.087e+04	-4.51e-03	-298.95	0.0	5516.65	-1651.87	341.28	1.873e+04	2.002e+04	-6.444e+04
		-1.244e+05	2.002e+04	-6.95e-03	0.0	11.6	5516.65	-1801.32	341.28	1.873e+04	2.544e+04	-9.354e+04
						23.2	5516.65	-1950.82	341.28	1.873e+04	3.087e+04	-1.244e+05
56	19	-4.821e+04	-1.148e+04	-6.52e-04	-298.95	0.0	-3133.58	-2498.56	-796.20	7874.50	-1.148e+04	-4.821e+04
		-9.128e+04	-3.286e+04	6.58e-03	0.0	11.6	-3133.58	-2648.01	-796.20	7874.50	-2.217e+04	-6.888e+04
						23.2	-3133.58	-2797.51	-796.20	7874.50	-3.286e+04	-9.128e+04
56	26	-6.471e+04	2.967e+04	-4.60e-03	-298.95	0.0	5459.59	-1641.22	299.51	1.860e+04	1.998e+04	-6.471e+04
		-1.248e+05	1.998e+04	-6.90e-03	0.0	11.6	5459.59	-1790.67	299.51	1.860e+04	2.483e+04	-9.389e+04
						23.2	5459.59	-1940.16	299.51	1.860e+04	2.967e+04	-1.248e+05
56	31	-4.790e+04	-1.202e+04	-7.99e-04	-298.95	0.0	-2688.90	-2405.24	-613.06	9125.64	-1.202e+04	-4.790e+04
		-9.144e+04	-2.313e+04	5.30e-04	0.0	11.6	-2688.90	-2554.68	-613.06	9125.64	-1.758e+04	-6.880e+04

56	50	-6.009e+04	1.390e+04	-3.48e-03	-298.95	23.2	-2688.90	-2704.18	-613.06	9125.64	-2.313e+04	-9.144e+04
						0.0	3212.94	-1880.00	39.07	1.585e+04	1.160e+04	-6.009e+04
56	51	-5.256e+04	-3062.46	-1.69e-03	-298.95	11.6	3212.94	-2029.44	39.07	1.585e+04	1.275e+04	-8.690e+04
						0.0	3212.94	-2178.94	39.07	1.585e+04	1.390e+04	-1.154e+05
56	58	-6.022e+04	1.334e+04	-3.52e-03	-298.95	0.0	-829.87	-2270.44	-493.99	1.076e+04	-3062.46	-5.256e+04
						11.6	-829.87	-2419.89	-493.99	1.076e+04	-9476.91	-7.552e+04
56	63	-5.241e+04	-3321.22	-1.76e-03	-298.95	23.2	-829.87	-2569.38	-493.99	1.076e+04	-1.589e+04	-1.002e+05
						0.0	3187.12	-1875.29	19.63	1.579e+04	1.158e+04	-6.022e+04
56	82	-5.977e+04	1.264e+04	-3.40e-03	-298.95	11.6	3187.12	-2024.74	19.63	1.579e+04	1.246e+04	-8.706e+04
						23.2	3187.12	-2174.23	19.63	1.579e+04	1.334e+04	-1.156e+05
56	83	-5.288e+04	-2442.68	-1.76e-03	-298.95	0.0	-618.67	-2226.60	-407.10	1.135e+04	-3321.22	-5.241e+04
						11.6	-618.67	-2376.05	-407.10	1.135e+04	-7306.67	-7.547e+04
56	84	-5.828e+04	1.268e+04	-3.01e-03	-298.95	23.2	-618.67	-2525.55	-407.10	1.135e+04	-1.129e+04	-1.003e+05
						0.0	3042.23	-1896.54	16.58	1.563e+04	1.098e+04	-5.977e+04
56	90	-5.989e+04	1.213e+04	-3.44e-03	-298.95	11.6	3042.23	-2045.99	16.58	1.563e+04	1.181e+04	-8.642e+04
						23.2	3042.23	-2195.49	16.58	1.563e+04	1.264e+04	-1.148e+05
56	95	-5.274e+04	-2679.72	-1.83e-03	-298.95	0.0	-659.17	-2253.89	-471.50	1.098e+04	-2442.68	-5.288e+04
						11.6	-659.17	-2403.34	-471.50	1.098e+04	-8538.18	-7.600e+04
56	99	-5.274e+04	-2679.72	-1.83e-03	-298.95	23.2	-659.17	-2552.84	-471.50	1.098e+04	-1.463e+04	-1.008e+05
						0.0	2383.37	-1962.49	-157.87	1.391e+04	1.268e+04	-5.828e+04
57	1	2.068e+04	8883.62	-8.09e-03	-476.22	11.6	2383.37	-2111.94	-157.87	1.391e+04	1.003e+04	-8.468e+04
						23.2	2383.37	-2261.44	-157.87	1.391e+04	7373.26	-1.128e+05
57	5	2.068e+04	9679.40	-8.14e-03	-476.22	0.0	3018.62	-1892.24	-1.22	1.558e+04	1.097e+04	-5.989e+04
						11.6	3018.62	-2041.69	-1.22	1.558e+04	1.155e+04	-8.657e+04
57	8	3.182e+04	3.700e+04	-7.23e-03	-476.22	23.2	3018.62	-2191.19	-1.22	1.558e+04	1.213e+04	-1.150e+05
						0.0	-465.72	-2213.75	-391.91	1.152e+04	-2679.72	-5.274e+04
57	18	2.747e+04	2.573e+04	-8.02e-03	-476.22	11.6	-465.72	-2363.20	-391.91	1.152e+04	-6550.65	-7.596e+04
						23.2	-465.72	-2512.70	-391.91	1.152e+04	-1.042e+04	-1.009e+05
57	19	2.502e+04	4820.83	-7.35e-03	-476.22	0.0	605.35	1205.03	-723.68	8182.01	8883.62	-1.786e+04
						20.4	605.35	967.29	-723.68	8182.01	-8931.87	3833.03
57	33	2.361e+04	6859.31	-7.88e-03	-476.22	40.8	605.35	728.81	-723.68	8182.01	-2.675e+04	2.068e+04
						0.0	676.34	1205.35	-738.67	8206.02	9679.40	-1.781e+04
57	37	2.361e+04	7231.01	-7.90e-03	-476.22	20.4	676.34	967.61	-738.67	8206.02	-8606.19	3858.90
						40.8	676.34	729.13	-738.67	8206.02	-2.689e+04	2.068e+04
57	40	2.889e+04	2.025e+04	-7.47e-03	-476.22	0.0	-174.41	930.91	742.00	2.576e+04	306.46	2999.47
						20.4	-174.41	693.17	742.00	2.576e+04	1.865e+04	1.983e+04
57	50	2.679e+04	1.466e+04	-7.85e-03	-476.22	40.8	-174.41	454.70	742.00	2.576e+04	3.700e+04	3.182e+04
						0.0	1249.17	1012.03	-868.62	1.084e+04	2.573e+04	-4941.01
57	51	2.570e+04	5089.63	-7.52e-03	-476.22	20.4	1249.17	774.29	-868.62	1.084e+04	1.551e+04	1.369e+04
						40.8	1249.17	535.81	-868.62	1.084e+04	5283.57	2.747e+04
57	65	2.383e+04	6702.93	-7.87e-03	-476.22	0.0	-747.25	1124.24	871.95	2.312e+04	-1.575e+04	-9870.98
						20.4	-747.25	886.50	871.95	2.312e+04	-5463.26	1.000e+04
57	69	2.383e+04	7043.23	-7.89e-03	-476.22	40.8	-747.25	648.02	871.95	2.312e+04	4820.83	2.502e+04
						0.0	419.82	1132.75	-346.05	1.277e+04	6859.31	-1.237e+04
57	72	2.866e+04	1.897e+04	-7.49e-03	-476.22	20.4	419.82	895.01	-346.05	1.277e+04	-1607.08	8045.22
						40.8	419.82	656.53	-346.05	1.277e+04	-1.007e+04	2.361e+04
57	82	2.675e+04	1.385e+04	-7.83e-03	-476.22	0.0	453.11	1132.90	-353.00	1.278e+04	7231.01	-1.235e+04
						20.4	453.11	895.16	-353.00	1.278e+04	-1457.84	8056.55
57	83	2.575e+04	5089.82	-7.54e-03	-476.22	40.8	453.11	656.68	-353.00	1.278e+04	-1.015e+04	2.361e+04
						0.0	48.82	1003.36	356.33	2.118e+04	2754.85	-2465.90
57	88	-4.807e+04	-3861.51	-1.48e-04	-476.22	20.4	48.82	765.62	356.33	2.118e+04	1.150e+04	1.564e+04
						40.8	48.82	527.14	356.33	2.118e+04	2.025e+04	2.889e+04
58	1	-5.299e+04	-5018.79	-0.01	-489.62	0.0	714.54	1042.99	-405.98	1.410e+04	1.466e+04	-6310.24
						20.4	714.54	805.25	-405.98	1.410e+04	9839.69	1.267e+04
58	2	-4.980e+04	-2807.78	-0.01	-489.62	40.8	714.54	566.77	-405.98	1.410e+04	5014.77	2.679e+04
						0.0	-212.61	1093.27	409.31	1.987e+04	-4678.76	-8501.75
58	3	-5.299e+04	-5018.79	-0.01	-489.62	20.4	-212.61	855.53	409.31	1.987e+04	205.43	1.102e+04
						40.8	-212.61	617.05	409.31	1.987e+04	5089.63	2.570e+04
58	4	-4.980e+04	-2807.78	-0.01	-489.62	0.0	405.63	1127.31	-316.90	1.312e+04	6702.93	-1.195e+04
						20.4	405.63	889.57	-316.90	1.312e+04	-1049.65	8365.43
58	5	-5.299e+04	-5018.79	-0.01	-489.62	40.8	405.63	651.09	-316.90	1.312e+04	-8802.23	2.383e+04
						0.0	436.11	1127.45	-323.25	1.313e+04	7043.23	-1.193e+04
58	6	-4.980e+04	-2807.78	-0.01	-489.62	20.4	436.11	889.71	-323.25	1.313e+04	-913.09	8375.77
						40.8	436.11	651.23	-323.25	1.313e+04	-8869.41	2.383e+04
58	7	-4.980e+04	-2807.78	-0.01	-489.62	0.0	65.82	1008.82	326.58	2.083e+04	2942.63	-2881.64
						20.4	65.82	771.08	326.58	2.083e+04	1.096e+04	1.532e+04
58	8	-4.980e+04	-2807.78	-0.01	-489.62	40.8	65.82	532.60	326.58	2.083e+04	1.897e+04	2.866e+04
						0.0	675.32	1045.14	-371.58	1.434e+04	1.385e+04	-6404.04
58	9	-4.980e+04	-2807.78	-0.01	-489.62	20.4	675.32	807.40	-371.58	1.434e+04	9430.97	1.260e+04
						40.8	675.32	568.92	-371.58	1.434e+04	5014.58	2.675e+04
58	10	-4.980e+0										

		-1.440e+05	-1.544e+04	-5.52e-03	0.0	21.2	1737.05	2202.48	296.05	4303.37	-9124.67	-9.430e+04
						42.3	1737.05	1958.07	296.05	4303.37	-2807.78	-4.980e+04
58	3	-7.577e+04	1.091e+04	-9.25e-03	-489.62	0.0	-1946.93	2782.12	-301.68	1.186e+04	1.091e+04	-1.840e+05
		-1.840e+05	-1962.79	5.29e-03	0.0	21.2	-1946.93	2536.92	-301.68	1.186e+04	4473.17	-1.273e+05
						42.3	-1946.93	2292.50	-301.68	1.186e+04	-1962.79	-7.577e+04
58	4	-7.257e+04	1.401e+04	-9.26e-03	-489.62	0.0	-1493.21	2732.78	-347.15	1.110e+04	1.401e+04	-1.788e+05
		-1.788e+05	248.22	4.39e-03	0.0	21.2	-1493.21	2487.58	-347.15	1.110e+04	7127.22	-1.231e+05
						42.3	-1493.21	2243.17	-347.15	1.110e+04	248.22	-7.257e+04
58	6	-4.976e+04	-3008.43	-0.01	-489.62	0.0	1700.23	2446.67	294.66	4290.63	-1.571e+04	-1.439e+05
		-1.439e+05	-1.571e+04	-5.49e-03	0.0	21.2	1700.23	2201.46	294.66	4290.63	-9358.98	-9.425e+04
						42.3	1700.23	1957.05	294.66	4290.63	-3008.43	-4.976e+04
58	7	-7.580e+04	1.118e+04	-9.26e-03	-489.62	0.0	-1910.11	2783.14	-300.29	1.188e+04	1.118e+04	-1.841e+05
		-1.841e+05	-1762.14	5.26e-03	0.0	21.2	-1910.11	2537.94	-300.29	1.188e+04	4707.49	-1.273e+05
						42.3	-1910.11	2293.52	-300.29	1.188e+04	-1762.14	-7.580e+04
58	33	-5.809e+04	-3614.16	-0.01	-489.62	0.0	559.79	2558.44	160.97	6642.73	-9998.11	-1.569e+05
		-1.569e+05	-9998.11	-2.28e-03	0.0	21.2	559.79	2313.24	160.97	6642.73	-6806.14	-1.049e+05
						42.3	559.79	2068.82	160.97	6642.73	-3614.16	-5.809e+04
58	34	-5.662e+04	-2584.98	-0.01	-489.62	0.0	770.20	2535.72	140.16	6289.39	-8568.93	-1.545e+05
		-1.545e+05	-8568.93	-2.70e-03	0.0	21.2	770.20	2290.52	140.16	6289.39	-5576.95	-1.030e+05
						42.3	770.20	2046.10	140.16	6289.39	-2584.98	-5.662e+04
58	35	-6.895e+04	4036.50	-9.72e-03	-489.62	0.0	-980.08	2694.09	-145.79	9878.69	4036.50	-1.735e+05
		-1.735e+05	-2185.59	2.47e-03	0.0	21.2	-980.08	2448.88	-145.79	9878.69	925.46	-1.186e+05
						42.3	-980.08	2204.47	-145.79	9878.69	-2185.59	-6.895e+04
58	36	-6.747e+04	5465.69	-9.72e-03	-489.62	0.0	-769.66	2671.37	-166.59	9525.35	5465.69	-1.711e+05
		-1.711e+05	-1156.40	2.05e-03	0.0	21.2	-769.66	2426.16	-166.59	9525.35	2154.64	-1.167e+05
						42.3	-769.66	2181.75	-166.59	9525.35	-1156.40	-6.747e+04
58	38	-5.660e+04	-2678.46	-0.01	-489.62	0.0	753.00	2535.26	139.45	6282.52	-8693.01	-1.545e+05
		-1.545e+05	-8693.01	-2.69e-03	0.0	21.2	753.00	2290.06	139.45	6282.52	-5685.73	-1.029e+05
						42.3	753.00	2045.64	139.45	6282.52	-2678.46	-5.660e+04
58	39	-6.896e+04	4160.59	-9.72e-03	-489.62	0.0	-962.88	2694.55	-145.08	9885.55	4160.59	-1.735e+05
		-1.735e+05	-2092.11	2.45e-03	0.0	21.2	-962.88	2449.34	-145.08			

59	67	4.207e+04	2.189e+04	3.97e-03	-488.09	0.0	-133.32	-386.07	-216.53	2.744e+04	2.189e+04	4.207e+04
		1.903e+04	1.308e+04	1.78e-03	0.0	20.4	-133.32	-629.74	-216.53	2.744e+04	1.748e+04	3.304e+04
						40.8	-133.32	-874.16	-216.53	2.744e+04	1.308e+04	1.903e+04
59	70	4.677e+04	-7733.22	3.98e-03	-488.09	0.0	716.74	-339.28	135.26	1.465e+04	-1.324e+04	4.677e+04
		2.552e+04	-1.324e+04	-2.00e-03	0.0	20.4	716.74	-582.95	135.26	1.465e+04	-1.048e+04	3.863e+04
						40.8	716.74	-827.37	135.26	1.465e+04	-7733.22	2.552e+04
59	71	4.206e+04	2.181e+04	3.97e-03	-488.09	0.0	-127.86	-385.79	-216.16	2.753e+04	2.181e+04	4.206e+04
		1.902e+04	1.301e+04	1.80e-03	0.0	20.4	-127.86	-629.46	-216.16	2.753e+04	1.741e+04	3.302e+04
						40.8	-127.86	-873.87	-216.16	2.753e+04	1.301e+04	1.902e+04
60	6	-3.730e+05	-2.073e+05	-0.01	-411.52	0.0	4614.40	6439.71	2593.84	2.244e+04	-2.959e+05	-6.060e+05
		-6.060e+05	-2.959e+05	-1.56e-03	0.0	15.8	4614.40	6233.91	2593.84	2.244e+04	-2.516e+05	-4.878e+05
						31.7	4614.40	6028.19	2593.84	2.244e+04	-2.073e+05	-3.730e+05
60	7	-4.254e+05	-2.864e+05	-7.32e-03	-411.52	0.0	-4475.95	7922.17	3340.61	3.693e+04	-3.936e+05	-7.044e+05
		-7.044e+05	-3.936e+05	-1.72e-03	0.0	15.8	-4475.95	7716.37	3340.61	3.693e+04	-3.400e+05	-5.632e+05
						31.7	-4475.95	7510.65	3340.61	3.693e+04	-2.864e+05	-4.254e+05
60	26	-3.558e+05	-2.177e+05	-2.46e-03	-411.52	0.0	4036.62	5853.97	2328.60	1.886e+04	-2.981e+05	-5.700e+05
		-5.700e+05	-2.981e+05	-1.23e-03	0.0	15.8	4036.62	5648.17	2328.60	1.886e+04	-2.579e+05	-4.613e+05
						31.7	4036.62	5442.45	2328.60	1.886e+04	-2.177e+05	-3.558e+05
60	27	-4.425e+05	-2.760e+05	-0.02	-411.52	0.0	-3898.16	8507.92	3605.85	4.052e+04	-3.915e+05	-7.403e+05
		-7.403e+05	-3.915e+05	-2.06e-03	0.0	15.8	-3898.16	8302.12	3605.85	4.052e+04	-2.607e+05	-5.898e+05
						31.7	-3898.16	8096.40	3605.85	4.052e+04	-2.760e+05	-4.425e+05
60	38	-3.868e+05	-2.280e+05	-0.01	-411.52	0.0	2228.15	6832.39	2791.48	2.628e+04	-3.215e+05	-6.320e+05
		-6.320e+05	-3.215e+05	-1.60e-03	0.0	15.8	2228.15	6626.59	2791.48	2.628e+04	-2.748e+05	-5.078e+05
						31.7	2228.15	6420.87	2791.48	2.628e+04	-2.280e+05	-3.868e+05
60	39	-4.115e+05	-2.657e+05	-8.33e-03	-411.52	0.0	-2089.70	7529.50	3142.97	3.310e+04	-3.680e+05	-6.783e+05
		-6.783e+05	-3.680e+05	-1.68e-03	0.0	15.8	-2089.70	7323.70	3142.97	3.310e+04	-3.169e+05	-5.433e+05
						31.7	-2089.70	7117.98	3142.97	3.310e+04	-2.657e+05	-4.115e+05
60	58	-3.788e+05	-2.331e+05	-6.06e-03	-411.52	0.0	1931.66	6558.45	2667.62	2.463e+04	-3.227e+05	-6.152e+05
		-6.152e+05	-3.227e+05	-1.45e-03	0.0	15.8	1931.66	6352.65	2667.62	2.463e+04	-2.779e+05	-4.954e+05
						31.7	1931.66	6146.93	2667.62	2.463e+04	-2.331e+05	-3.788e+05
60	59	-4.195e+05	-2.607e+05	-0.01	-411.52	0.0	-1793.20	7803.44	3266.83	3.475e+04	-3.668e+05	-6.951e+05
		-6.951e+05	-3.668e+05	-1.84e-03	0.0	15.8	-1793.20	7597.64	3266.83	3.475e+04	-3.137e+05	-5.557e+05
						31.7	-1793.20	7391.92	3266.83	3.475e+04	-2.607e+05	-4.195e+05
60	70	-3.879e+05	-2.296e+05	-0.01	-411.52	0.0	2046.64	6861.79	2806.31	2.657e+04	-3.235e+05	-6.340e+05
		-6.340e+05	-3.235e+05	-1.61e-03	0.0	15.8	2046.64	6655.98	2806.31	2.657e+04	-2.765e+05	-5.093e+05
						31.7	2046.64	6450.27	2806.31	2.657e+04	-2.296e+05	-3.879e+05
60	71	-4.105e+05	-2.641e+05	-8.41e-03	-411.52	0.0	-1908.19	7500.10	3128.14	3.281e+04	-3.660e+05	-6.764e+05
		-6.764e+05	-3.660e+05	-1.68e-03	0.0	15.8	-1908.19	7294.30	3128.14	3.281e+04	-3.151e+05	-5.418e+05
						31.7	-1908.19	7088.58	3128.14	3.281e+04	-2.641e+05	-4.105e+05
60	90	-3.805e+05	-2.342e+05	-6.33e-03	-411.52	0.0	1774.57	6610.97	2692.90	2.505e+04	-3.246e+05	-6.186e+05
		-6.186e+05	-3.246e+05	-1.46e-03	0.0	15.8	1774.57	6405.17	2692.90	2.505e+04	-2.794e+05	-4.979e+05
						31.7	1774.57	6199.45	2692.90	2.505e+04	-2.342e+05	-3.805e+05
60	91	-4.178e+05	-2.595e+05	-0.01	-411.52	0.0	-1636.12	7750.92	3241.55	3.432e+04	-3.650e+05	-6.917e+05
		-6.917e+05	-3.650e+05	-1.82e-03	0.0	15.8	-1636.12	7545.12	3241.55	3.432e+04	-3.122e+05	-5.531e+05
						31.7	-1636.12	7339.40	3241.55	3.432e+04	-2.595e+05	-4.178e+05
61	6	3.528e+05	1.399e+05	-0.30	-1.063e+04	0.0	7185.25	4729.18	-433.94	7649.64	1.399e+05	-2.186e+05
		-5.692e+05	-7.675e+04	0.01	0.0	274.6	7185.25	-640.10	-433.94	7649.64	3.157e+04	3.423e+05
						549.2	7185.25	-5905.60	-433.94	7649.64	-7.675e+04	-5.692e+05
61	7	3.541e+05	1.994e+05	-0.30	-1.063e+04	0.0	-5618.52	4734.33	-430.67	8114.73	1.994e+05	-2.190e+05
		-5.658e+05	-5.882e+04	0.02	0.0	274.6	-5618.52	-634.95	-430.67	8114.73	7.030e+04	3.439e+05
						549.2	-5618.52	-5900.44	-430.67	8114.73	-5.882e+04	-5.658e+05
61	27	3.707e+05	2.204e+05	-0.31	-1.063e+04	0.0	-4785.67	4588.98	-547.49	5675.38	2.204e+05	-1.672e+05
		-5.947e+05	-8.753e+04	0.02	0.0	274.6	-4785.67	-780.30	-547.49	5675.38	6.642e+04	3.554e+05
						549.2	-4785.67	-6045.80	-547.49	5675.38	-8.753e+04	-5.947e+05
61	29	3.737e+05	2.197e+05	-0.31	-1.063e+04	0.0	-2392.83	4558.60	-572.82	5154.35	2.197e+05	-1.567e+05
		-6.012e+05	-9.747e+04	-0.01	0.0	274.6	-2392.83	-810.67	-572.82	5154.35	6.113e+04	3.573e+05
						549.2	-2392.83	-6076.17	-572.82	5154.35	-9.747e+04	-6.012e+05
61	38	3.532e+05	1.556e+05	-0.30	-1.063e+04	0.0	3823.31	4730.48	-433.17	7770.99	1.556e+05	-2.187e+05
		-5.683e+05	-7.210e+04	0.02	0.0	274.6	3823.31	-638.80	-433.17	7770.99	4.175e+04	3.428e+05
						549.2	3823.31	-5904.29	-433.17	7770.99	-7.210e+04	-5.683e+05
61	39	3.538e+05	1.837e+05	-0.30	-1.063e+04	0.0	-2256.58	4733.03	-431.44	7993.38	1.837e+05	-2.189e+05
		-5.667e+05	-6.346e+04	0.02	0.0	274.6	-2256.58	-636.25	-431.44	7993.38	6.012e+04	3.434e+05
						549.2	-2256.58	-5901.75	-431.44	7993.38	-6.346e+04	-5.667e+05
61	57	3.629e+05	1.889e+05	-0.30	-1.063e+04	0.0	-343.07	4650.77	-497.59	6575.83	1.889e+05	-1.897e+05
		-5.833e+05	-8.167e+04	0.02	0.0	274.6	-343.07	-718.51	-497.59	6575.83	5.363e+04	3.498e+05
						549.2	-343.07	-5984.00	-497.59	6575.83	-8.167e+04	-5.833e+05
61	59	3.615e+05	1.935e+05	-0.30	-1.063e+04	0.0	-1830.42	4664.84	-486.33	6852.77	1.935e+05	-1.946e+05
		-5.802e+05	-7.700e+04	0.02	0.0	274.6	-1830.42	-704.43	-486.33	6852.77	5.824e+04	3.489e+05
						549.2	-1830.42	-5969.93	-486.33	6852.77	-7.700e+04	-5.802e+05
61	61	3.629e+05	1.932e+05	-0.30	-1.063e+04	0.0	-691.13	4650.55	-498.29	6608.01	1.932e+05	-1.897e+05
		-5.833e+05	-8.172e+04	0.02	0.0	274.6	-691.13	-718.72	-498.29	6608.01	5.572e+04	3.489e+05
						549.2	-691.13	-5984.22	-498.29	6608.01	-8.172e+04	-5.833e+05
61	70	3.532e+05	1.568e+05	-0.30	-1.063e+04	0.0	3567.71	4730.59	-433.10	7780.63	1.568e+05	-2.187e+05
		-5.683e+05	-7.174e+04	0.02	0.0	274.6	3567.71	-638.69	-433.10	7780.63	4.252e+04	3.428e+05
						549.2	3567.71	-5904.18	-433.10	7780.63	-7.174e+04	-5.683e+05
61	71	3.537e+05	1.825e+05	-0.30	-1.063e+04	0.0	-2000.98	4732.92	-431.51	7983.74	1.825e+05	-2.189e+05
		-5.668e+05	-6.383e+04	0.02	0.0	274.6	-2000.98	-636.36	-431.51	7983.74	5.935e+04	3.434e+05

						549.2	-2000.98	-5901.85	-431.51	7983.74	-6.383e+04	-5.668e+05
61	89	3.621e+05	1.873e+05	-0.30	-1.063e+04	0.0	-247.52	4657.60	-492.09	6686.33	1.873e+05	-1.922e+05
		-5.819e+05	-8.050e+04	0.02	0.0	274.6	-247.52	-711.67	-492.09	6686.33	5.341e+04	3.492e+05
						549.2	-247.52	-5977.17	-492.09	6686.33	-8.050e+04	-5.819e+05
61	91	3.609e+05	1.915e+05	-0.30	-1.063e+04	0.0	-1609.95	4670.49	-481.78	6939.71	1.915e+05	-1.966e+05
		-5.792e+05	-7.622e+04	0.02	0.0	274.6	-1609.95	-698.79	-481.78	6939.71	5.763e+04	3.484e+05
						549.2	-1609.95	-5964.28	-481.78	6939.71	-7.622e+04	-5.792e+05
61	93	3.621e+05	1.912e+05	-0.30	-1.063e+04	0.0	-566.38	4657.40	-492.73	6715.74	1.912e+05	-1.922e+05
		-5.820e+05	-8.055e+04	0.02	0.0	274.6	-566.38	-711.87	-492.73	6715.74	5.532e+04	3.492e+05
						549.2	-566.38	-5977.37	-492.73	6715.74	-8.055e+04	-5.820e+05
63	3	4.280e+04	2.211e+05	-0.01	-1877.60	0.0	-1097.12	1152.83	-623.39	1.189e+05	2.211e+05	-9.114e+04
		-9.114e+04	-1.577e+04	0.02	0.0	189.1	-984.62	214.03	-623.39	1.189e+05	1.027e+05	3.862e+04
						378.2	-872.12	-724.77	-623.39	1.189e+05	-1.577e+04	-9990.95
63	19	4.237e+04	2.281e+05	-0.01	-1877.60	0.0	18.67	1159.73	-625.07	1.157e+05	2.281e+05	-9.316e+04
		-9.316e+04	-9070.98	0.02	0.0	189.1	131.17	220.93	-625.07	1.157e+05	1.095e+05	3.746e+04
						378.2	243.67	-717.87	-625.07	1.157e+05	-9070.98	-9462.59
63	27	4.197e+04	2.283e+05	-9.91e-03	-1877.60	0.0	183.69	1156.25	-624.47	1.157e+05	2.283e+05	-9.276e+04
		-9.276e+04	-8708.74	0.03	0.0	189.1	296.19	217.45	-624.47	1.157e+05	1.098e+05	3.721e+04
						378.2	408.69	-721.35	-624.47	1.157e+05	-8708.74	-1.035e+04
63	29	4.018e+04	2.137e+05	0.01	-1877.60	0.0	532.01	1122.59	-559.21	1.114e+05	2.137e+05	-8.652e+04
		-8.652e+04	2082.42	0.02	0.0	189.1	644.51	183.79	-559.21	1.114e+05	1.079e+05	3.703e+04
						378.2	757.01	-755.01	-559.21	1.114e+05	2082.42	-1.694e+04
63	32	3.885e+04	1.550e+05	-0.01	-1877.60	0.0	-2179.98	1007.19	-383.98	1.102e+05	1.550e+05	-6.304e+04
		-6.304e+04	9845.97	-0.01	0.0	189.1	-2067.48	68.39	-383.98	1.102e+05	8.241e+05	3.862e+04
						378.2	-1954.98	-870.41	-383.98	1.102e+05	9845.97	-3.724e+04
63	35	4.060e+04	2.017e+05	-0.01	-1877.60	0.0	-950.78	1106.53	-543.38	1.146e+05	2.017e+05	-8.250e+04
		-8.250e+04	-4361.14	0.01	0.0	189.1	-838.28	167.73	-543.38	1.146e+05	9.866e+04	3.802e+04
						378.2	-725.78	-771.07	-543.38	1.146e+05	-4361.14	-1.898e+04
63	51	4.031e+04	2.048e+05	-9.70e-03	-1877.60	0.0	-432.50	1109.29	-543.29	1.131e+05	2.048e+05	-8.337e+04
		-8.337e+04	-1082.97	0.01	0.0	189.1	-320.00	170.49	-543.29	1.131e+05	1.018e+05	3.766e+04
						378.2	-207.50	-768.31	-543.29	1.131e+05	-1082.97	-1.883e+04
63	59	4.016e+04	2.048e+05	-9.58e-03	-1877.60	0.0	-355.22	1107.68	-543.03	1.131e+05	2.048e+05	-8.319e+04
		-8.319e+04	-925.58	0.01	0.0	189.1	-242.72	168.88	-543.03	1.131e+05	1.019e+05	3.755e+04
						378.2	-130.22	-769.92	-543.03	1.131e+05	-925.58	-1.924e+04
63	61	3.969e+04	1.979e+05	9.17e-03	-1877.60	0.0	-193.60	1091.68	-512.05	1.111e+05	1.979e+05	-8.023e+04
		-8.023e+04	4213.32	8.99e-03	0.0	189.1	-81.10	152.88	-512.05	1.111e+05	1.011e+05	3.746e+04
						378.2	31.40	-785.92	-512.05	1.111e+05	4213.32	-2.238e+04
63	64	3.916e+04	1.707e+05	-0.01	-1877.60	0.0	-1454.37	1038.10	-431.14	1.105e+05	1.707e+05	-6.933e+04
		-6.933e+04	7715.07	-7.11e-03	0.0	189.1	-1341.87	99.29	-431.14	1.105e+05	8.923e+04	3.820e+04
						378.2	-1229.37	-839.51	-431.14	1.105e+05	7715.07	-3.180e+04
63	67	4.051e+04	2.002e+05	-0.01	-1877.60	0.0	-940.05	1103.03	-537.34	1.143e+05	2.002e+05	-8.185e+04
		-8.185e+04	-3493.07	0.01	0.0	189.1	-827.55	164.22	-537.34	1.143e+05	9.836e+04	3.801e+04
						378.2	-715.05	-774.58	-537.34	1.143e+05	-3493.07	-1.967e+04
63	83	4.024e+04	2.030e+05	-9.68e-03	-1877.60	0.0	-465.61	1105.54	-537.23	1.129e+05	2.030e+05	-8.265e+04
		-8.265e+04	-488.33	0.01	0.0	189.1	-353.11	166.74	-537.23	1.129e+05	1.013e+05	3.768e+04
						378.2	-240.61	-772.06	-537.23	1.129e+05	-488.33	-1.953e+04
63	91	4.010e+04	2.031e+05	-9.57e-03	-1877.60	0.0	-394.86	1104.07	-536.99	1.129e+05	2.031e+05	-8.248e+04
		-8.248e+04	-344.52	0.01	0.0	189.1	-282.36	165.27	-536.99	1.129e+05	1.014e+05	3.757e+04
						378.2	-169.86	-773.53	-536.99	1.129e+05	-344.52	-1.990e+04
63	93	3.966e+04	1.968e+05	9.04e-03	-1877.60	0.0	-246.91	1089.41	-508.62	1.111e+05	1.968e+05	-7.977e+04
		-7.977e+04	4362.66	8.43e-03	0.0	189.1	-134.41	150.61	-508.62	1.111e+05	1.006e+05	3.749e+04
						378.2	-21.91	-788.19	-508.62	1.111e+05	4362.66	-2.278e+04
63	96	3.918e+04	1.719e+05	-0.01	-1877.60	0.0	-1401.06	1040.36	-434.57	1.106e+05	1.719e+05	-6.979e+04
		-6.979e+04	7565.73	-6.85e-03	0.0	189.1	-1288.56	101.56	-434.57	1.106e+05	8.973e+04	3.817e+04
						378.2	-1176.06	-837.24	-434.57	1.106e+05	7565.73	-3.140e+04
64	1	-1.265e+05	-6.925e+04	-0.03	-271.22	0.0	1997.08	4322.59	-364.26	-5.306e+04	-6.925e+04	-2.409e+05
		-2.409e+05	-8.013e+04	2.34e-04	0.0	12.0	1997.08	4186.98	-364.26	-5.306e+04	-7.469e+04	-1.829e+05
						24.0	1997.08	4051.37	-364.26	-5.306e+04	-8.013e+04	-1.265e+05
64	4	-1.450e+05	-4.304e+04	-0.02	-271.22	0.0	478.12	4838.49	-550.35	-6.498e+04	-4.304e+04	-2.702e+05
		-2.702e+05	-5.408e+04	2.14e-03	0.0	12.0	478.12	4702.89	-550.35	-6.498e+04	-4.856e+04	-2.068e+05
						24.0	478.12	4567.27	-550.35	-6.498e+04	-5.408e+04	-1.450e+05
64	17	-1.284e+05	-7.302e+04	-0.03	-271.22	0.0	2064.15	4397.16	-324.34	-5.395e+04	-7.302e+04	-2.447e+05
		-2.447e+05	-8.202e+04	1.43e-03	0.0	12.0	2064.15	4261.55	-324.34	-5.395e+04	-7.752e+04	-1.857e+05
						24.0	2064.15	4125.94	-324.34	-5.395e+04	-8.202e+04	-1.284e+05
64	20	-1.431e+05	-3.927e+04	-0.03	-271.22	0.0	411.05	4763.92	-590.27	-6.409e+04	-3.927e+04	-2.663e+05
		-2.663e+05	-5.220e+04	9.49e-04	0.0	12.0	411.05	4628.32	-590.27	-6.409e+04	-4.574e+04	-2.039e+05
						24.0	411.05	4492.70	-590.27	-6.409e+04	-5.220e+04	-1.431e+05
64	21	-1.288e+05	-7.279e+04	-0.03	-271.22	0.0	2077.77	4406.67	-325.23	-5.421e+04	-7.279e+04	-2.454e+05
		-2.454e+05	-8.181e+04	1.52e-03	0.0	12.0	2077.77	4271.07	-325.23	-5.421e+04	-7.730e+04	-1.863e+05
						24.0	2077.77	4135.45	-325.23	-5.421e+04	-8.181e+04	-1.288e+05
64	24	-1.427e+05	-3.950e+04	-0.03	-271.22	0.0	397.43	4754.41	-589.38	-6.383e+04	-3.950e+04	-2.656e+05
		-2.656e+05	-5.240e+04	8.60e-04	0.0	12.0	397.43	4618.81	-589.38	-6.383e+04	-4.595e+04	-2.033e+05
						24.0	397.43	4483.19	-589.38	-6.383e+04	-5.240e+04	-1.427e+05
64	33	-1.314e+05	-6.229e+04	-0.03	-271.22	0.0	1584.96	4459.51	-414.12	-5.628e+04	-6.229e+04	-2.486e+05
		-2.486e+05	-7.322e+04	7.30e-04	0.0	12.0	1584.96	4323.91	-414.12	-5.628e+04	-6.775e+04	-1.892e+05
						24.0	1584.96	4188.29	-414.12	-5.628e+04	-7.322e+04	-1.314e+05
64	36	-1.401e+05	-5.001e+04	-0.03	-271.22	0.0	890.24	4701.57	-500.49	-6.176e+04	-5.001e+04	-2.624e+05

		-2.624e+05	-6.100e+04	1.65e-03	0.0	12.0	890.24	4565.97	-500.49	-6.176e+04	-5.550e+04	-2.004e+05
						24.0	890.24	4430.35	-500.49	-6.176e+04	-6.100e+04	-1.401e+05
64	49	-1.323e+05	-6.400e+04	-0.03	-271.22	0.0	1616.20	4495.66	-395.78	-5.672e+04	-6.400e+04	-2.505e+05
		-2.505e+05	-7.404e+04	1.30e-03	0.0	12.0	1616.20	4360.05	-395.78	-5.672e+04	-6.902e+04	-1.906e+05
						24.0	1616.20	4224.43	-395.78	-5.672e+04	-7.404e+04	-1.323e+05
64	52	-1.392e+05	-4.830e+04	-0.03	-271.22	0.0	859.00	4665.43	-518.84	-6.132e+04	-4.830e+04	-2.606e+05
		-2.606e+05	-6.018e+04	1.08e-03	0.0	12.0	859.00	4529.82	-518.84	-6.132e+04	-5.424e+04	-1.991e+05
						24.0	859.00	4394.20	-518.84	-6.132e+04	-6.018e+04	-1.392e+05
64	53	-1.325e+05	-6.388e+04	-0.03	-271.22	0.0	1622.36	4500.19	-396.22	-5.685e+04	-6.388e+04	-2.508e+05
		-2.508e+05	-7.394e+04	1.34e-03	0.0	12.0	1622.36	4364.59	-396.22	-5.685e+04	-6.891e+04	-1.908e+05
						24.0	1622.36	4228.97	-396.22	-5.685e+04	-7.394e+04	-1.325e+05
64	56	-1.390e+05	-4.841e+04	-0.03	-271.22	0.0	852.84	4660.89	-518.40	-6.119e+04	-4.841e+04	-2.603e+05
		-2.603e+05	-6.028e+04	1.04e-03	0.0	12.0	852.84	4525.29	-518.40	-6.119e+04	-5.435e+04	-1.988e+05
						24.0	852.84	4389.67	-518.40	-6.119e+04	-6.028e+04	-1.390e+05
64	65	-1.317e+05	-6.177e+04	-0.03	-271.22	0.0	1555.45	4469.72	-417.78	-5.651e+04	-6.177e+04	-2.492e+05
		-2.492e+05	-7.270e+04	7.69e-04	0.0	12.0	1555.45	4334.11	-417.78	-5.651e+04	-6.732e+04	-1.896e+05
						24.0	1555.45	4198.50	-417.78	-5.651e+04	-7.270e+04	-1.317e+05
64	68	-1.397e+05	-5.052e+04	-0.03	-271.22	0.0	919.75	4691.36	-496.84	-6.153e+04	-5.052e+04	-2.619e+05
		-2.619e+05	-6.152e+04	1.61e-03	0.0	12.0	919.75	4555.76	-496.84	-6.153e+04	-5.602e+04	-2.000e+05
						24.0	919.75	4420.14	-496.84	-6.153e+04	-6.152e+04	-1.397e+05
64	81	-1.326e+05	-6.334e+04	-0.03	-271.22	0.0	1584.05	4502.84	-400.99	-5.692e+04	-6.334e+04	-2.509e+05
		-2.509e+05	-7.345e+04	1.29e-03	0.0	12.0	1584.05	4367.24	-400.99	-5.692e+04	-6.840e+04	-1.909e+05
						24.0	1584.05	4231.62	-400.99	-5.692e+04	-7.345e+04	-1.326e+05
64	84	-1.389e+05	-4.896e+04	-0.03	-271.22	0.0	891.15	4658.24	-513.63	-6.112e+04	-4.896e+04	-2.602e+05
		-2.602e+05	-6.076e+04	1.09e-03	0.0	12.0	891.15	4522.63	-513.63	-6.112e+04	-5.486e+04	-1.987e+05
						24.0	891.15	4387.02	-513.63	-6.112e+04	-6.076e+04	-1.389e+05
64	85	-1.327e+05	-6.323e+04	-0.03	-271.22	0.0	1589.68	4507.00	-401.39	-5.703e+04	-6.323e+04	-2.512e+05
		-2.512e+05	-7.336e+04	1.33e-03	0.0	12.0	1589.68	4371.39	-401.39	-5.703e+04	-6.829e+04	-1.912e+05
						24.0	1589.68	4235.78	-401.39	-5.703e+04	-7.336e+04	-1.327e+05
64	88	-1.387e+05	-4.907e+04	-0.03	-271.22	0.0	885.51	4654.09	-513.22	-6.101e+04	-4.907e+04	-2.599e+05
		-2.599e+05	-6.086e+04	1.05e-03	0.0	12.0	885.51	4518.48	-513.22	-6.101e+04	-5.496e+04	-1.985e+05
						24.0	885.51	4382.86	-513.22	-6.101e+04	-6.086e+04	-1.387e+05
65	2	2.893e+04	-8290.82	5.89e-03	-491.07	0.0	2067.59	-693.35	274.30	7850.05	-2.135e+04	-8290.82
		-6643.18	-2.135e+04	-4.85e-03	0.0	20.4	2067.59	-938.51	274.30	7850.05	-1.482e+04	1.364e+04
						40.8	2067.59	-1184.41	274.30	7850.05	-8290.82	-6643.18
65	3	1.826e+04	2.663e+04	5.30e-03	-491.07	0.0	-1705.28	-797.45	-361.06	3.817e+04	2.663e+04	1.826e+04
		-2.157e+04	1.003e+04	4.72e-03	0.0	20.4	-1705.28	-1042.61	-361.06	3.817e+04	1.833e+04	847.13
						40.8	-1705.28	-1288.52	-361.06	3.817e+04	1.003e+04	-2.157e+04
65	6	2.894e+04	-8395.01	5.90e-03	-491.07	0.0	2062.86	-694.07	272.69	7632.81	-2.118e+04	2.894e+04
		-6600.96	-2.118e+04	-4.86e-03	0.0	20.4	2062.86	-939.23	272.69	7632.81	-1.479e+04	1.367e+04
						40.8	2062.86	-1185.13	272.69	7632.81	-8395.01	-6600.96
65	7	1.826e+04	2.646e+04	5.29e-03	-491.07	0.0	-1700.56	-796.73	-359.45	3.839e+04	2.646e+04	1.826e+04
		-2.162e+04	1.013e+04	4.72e-03	0.0	20.4	-1700.56	-1041.89	-359.45	3.839e+04	1.830e+04	821.91
						40.8	-1700.56	-1287.80	-359.45	3.839e+04	1.013e+04	-2.162e+04
65	34	2.611e+04	-3508.54	5.73e-03	-491.07	0.0	1077.90	-720.45	107.65	1.578e+04	-8759.12	2.611e+04
		-1.056e+04	-8759.12	-2.35e-03	0.0	20.4	1077.90	-965.61	107.65	1.578e+04	-6133.83	1.028e+04
						40.8	1077.90	-1211.52	107.65	1.578e+04	-3508.54	-1.056e+04
65	35	2.108e+04	1.404e+04	5.46e-03	-491.07	0.0	-715.59	-770.35	-194.42	3.024e+04	1.404e+04	2.108e+04
		-1.766e+04	5248.50	2.22e-03	0.0	20.4	-715.59	-1015.51	-194.42	3.024e+04	9641.85	4214.06
						40.8	-715.59	-1261.41	-194.42	3.024e+04	5248.50	-1.766e+04
65	38	2.612e+04	-3555.69	5.73e-03	-491.07	0.0	1075.71	-720.79	106.94	1.567e+04	-8684.97	2.612e+04
		-1.054e+04	-8684.97	-2.35e-03	0.0	20.4	1075.71	-965.95	106.94	1.567e+04	-6120.33	1.029e+04
						40.8	1075.71	-1211.86	106.94	1.567e+04	-3555.69	-1.054e+04
65	39	2.108e+04	1.396e+04	5.46e-03	-491.07	0.0	-713.40	-770.01	-193.70	3.035e+04	1.396e+04	2.108e+04
		-1.768e+04	5295.64	2.22e-03	0.0	20.4	-713.40	-1015.17	-193.70	3.035e+04	9628.35	4201.90
						40.8	-713.40	-1261.07	-193.70	3.035e+04	5295.64	-1.768e+04
65	66	2.590e+04	-3141.11	5.72e-03	-491.07	0.0	1002.52	-722.54	94.96	1.638e+04	-7801.08	2.590e+04
		-1.086e+04	-7801.08	-2.16e-03	0.0	20.4	1002.52	-967.71	94.96	1.638e+04	-5471.09	1.002e+04
						40.8	1002.52	-1213.61	94.96	1.638e+04	-3141.11	-1.086e+04
65	67	2.129e+04	1.308e+04	5.48e-03	-491.07	0.0	-640.21	-768.25	-181.72	2.964e+04	1.308e+04	2.129e+04
		-1.736e+04	4881.06	2.02e-03	0.0	20.4	-640.21	-1013.41	-181.72	2.964e+04	8979.11	4469.01
						40.8	-640.21	-1259.32	-181.72	2.964e+04	4881.06	-1.736e+04
65	70	2.591e+04	-3184.23	5.72e-03	-491.07	0.0	1000.51	-722.86	94.30	1.629e+04	-7733.26	2.591e+04
		-1.084e+04	-7733.26	-2.16e-03	0.0	20.4	1000.51	-968.02	94.30	1.629e+04	-5458.75	1.003e+04
						40.8	1000.51	-1213.92	94.30	1.629e+04	-3184.23	-1.084e+04
65	71	2.129e+04	1.301e+04	5.47e-03	-491.07	0.0	-638.21	-767.94	-181.06	2.973e+04	1.301e+04	2.129e+04
		-1.738e+04	4924.19	2.03e-03	0.0	20.4	-638.21	-1013.10	-181.06	2.973e+04	8966.77	4457.87
						40.8	-638.21	-1259.01	-181.06	2.973e+04	4924.19	-1.738e+04
66	5	-1.518e+05	4.747e+04	-0.08	-166.58	0.0	-307.98	3068.76	-1293.82	-2.306e+04	4.747e+04	-2.844e+05
		-2.844e+05	-4281.79	1.21e-03	0.0	22.3	-298.59	2985.57	-1293.82	-2.306e+04	2.159e+04	-2.172e+05
						44.6	-289.19	2902.18	-1293.82	-2.306e+04	-4281.79	-1.518e+05
66	6	-1.476e+05	4.177e+04	-0.08	-166.58	0.0	-55.53	2980.14	-1146.42	-2.442e+04	4.177e+04	-2.763e+05
		-2.763e+05	-1791.23	1.71e-03	0.0	22.3	-46.15	2896.95	-1146.42	-2.442e+04	1.999e+04	-2.110e+05
						44.6	-36.74	2813.56	-1146.42	-2.442e+04	-1791.23	-1.476e+05
66	7	-1.334e+05	3.165e+04	-0.07	-166.58	0.0	-1295.05	2695.11	-998.38	-5032.51	3.165e+04	-2.503e+05
		-2.503e+05	-2.045e+04	1.37e-03	0.0	22.3	-1285.67	2611.92	-998.38	-5032.51	5597.51	-1.909e+05
						44.6	-1276.26	2528.53	-998.38	-5032.51	-2.045e+04	-1.334e+05

66	8-1.292e+05 2.595e+04 -2.423e+05 -1.796e+04	-0.07 1.87e-03	-166.58 0.0	0.0 22.3 44.6	-1042.61 -1033.22 -1023.81	2606.49 2523.30 2439.91	-850.97 -850.97 -850.97	-6388.90 -6388.90 -6388.90	2.595e+04-2.423e+05 3993.83-1.848e+05 -1.292e+05
66	25-1.502e+05 4.858e+04 -2.819e+05 -1.285e+04	-0.08 6.79e-04	-166.58 0.0	0.0 22.3 44.6	-947.97 -938.59 -929.18	3041.37 2958.18 2874.79	-1362.39 -1362.39 -1362.39	-1.517e+04 -1.517e+04 -1.517e+04	4.858e+04-2.819e+05 1.786e+04-2.151e+05 -1.285e+04-1.502e+05
66	37-1.459e+05 4.176e+04 -2.734e+05 -7851.93	-0.08 1.39e-03	-166.58 0.0	0.0 22.3 44.6	-498.74 -489.35 -479.95	2947.84 2864.64 2781.25	-1176.49 -1176.49 -1176.49	-1.871e+04 -1.871e+04 -1.871e+04	4.176e+04-2.734e+05 1.696e+04-2.087e+05 -7851.93-1.459e+05
66	38-1.439e+05 3.914e+04 -2.696e+05 -6685.87	-0.08 1.62e-03	-166.58 0.0	0.0 22.3 44.6	-381.94 -372.56 -363.15	2905.97 2822.77 2739.38	-1108.20 -1108.20 -1108.20	-1.935e+04 -1.935e+04 -1.935e+04	3.914e+04-2.696e+05 1.623e+04-2.058e+05 -6685.87-1.439e+05
66	39-1.371e+05 3.427e+04 -2.571e+05 -1.556e+04	-0.07 1.46e-03	-166.58 0.0	0.0 22.3 44.6	-968.64 -959.26 -949.85	2769.29 2686.09 2602.70	-1036.60 -1036.60 -1036.60	-1.010e+04 -1.010e+04 -1.010e+04	3.427e+04-2.571e+05 9356.38-1.962e+05 -1.556e+04-1.371e+05
66	40-1.351e+05 3.165e+04 -2.533e+05 -1.439e+04	-0.07 1.69e-03	-166.58 0.0	0.0 22.3 44.6	-851.84 -842.46 -833.05	2727.42 2644.22 2560.83	-968.31 -968.31 -968.31	-1.074e+04 -1.074e+04 -1.074e+04	3.165e+04-2.533e+05 8629.32-1.933e+05 -1.439e+04-1.351e+05
66	57-1.451e+05 4.220e+04 -2.721e+05 -1.191e+04	-0.08 1.14e-03	-166.58 0.0	0.0 22.3 44.6	-799.47 -790.09 -780.68	2934.19 2851.00 2767.61	-1207.21 -1207.21 -1207.21	-1.495e+04 -1.495e+04 -1.495e+04	4.220e+04-2.721e+05 1.514e+04-2.077e+05 -1.191e+04-1.451e+05
66	69-1.454e+05 4.134e+04 -2.725e+05 -8126.32	-0.08 1.40e-03	-166.58 0.0	0.0 22.3 44.6	-513.53 -504.14 -494.74	2938.58 2855.38 2771.99	-1167.71 -1167.71 -1167.71	-1.837e+04 -1.837e+04 -1.837e+04	4.134e+04-2.725e+05 1.661e+04-2.081e+05 -8126.32-1.454e+05
66	70-1.436e+05 3.894e+04 -2.691e+05 -7058.77	-0.08 1.61e-03	-166.58 0.0	0.0 22.3 44.6	-406.62 -397.24 -387.83	2900.23 2817.04 2733.65	-1105.20 -1105.20 -1105.20	-1.896e+04 -1.896e+04 -1.896e+04	3.894e+04-2.691e+05 1.594e+04-2.054e+05 -7058.77-1.436e+05
66	71-1.374e+05 3.448e+04 -2.576e+05 -1.519e+04	-0.07 1.47e-03	-166.58 0.0	0.0 22.3 44.6	-943.96 -934.58 -925.17	2775.02 2691.83 2608.44	-1039.60 -1039.60 -1039.60	-1.049e+04 -1.049e+04 -1.049e+04	3.448e+04-2.576e+05 9644.83-1.966e+05 -1.519e+04-1.374e+05
66	72-1.356e+05 3.208e+04 -2.541e+05 -1.412e+04	-0.07 1.68e-03	-166.58 0.0	0.0 22.3 44.6	-837.06 -827.67 -818.26	2736.68 2653.48 2570.10	-977.09 -977.09 -977.09	-1.108e+04 -1.108e+04 -1.108e+04	3.208e+04-2.541e+05 8979.64-1.939e+05 -1.412e+04-1.356e+05
66	89-1.447e+05 4.173e+04 -2.714e+05 -1.184e+04	-0.08 1.17e-03	-166.58 0.0	0.0 22.3 44.6	-788.90 -779.52 -770.11	2926.07 2842.87 2759.48	-1195.80 -1195.80 -1195.80	-1.493e+04 -1.493e+04 -1.493e+04	4.173e+04-2.714e+05 1.495e+04-2.071e+05 -1.184e+04-1.447e+05
67	5 3.728e+05 3.675e+05 -7.490e+05 -2.773e+05	0.37 0.06	-9151.46 0.0	0.0 272.7 545.4	1677.10 1677.10 1677.10	3000.85 -1552.16 -6150.62	-1174.95 -1174.95 -1174.95	1.001e+04 1.001e+04 1.001e+04	3.675e+05 1.038e+05 4.513e+04 3.013e+05 -7.490e+05
67	6 3.682e+05 3.531e+05 -7.241e+05 -2.550e+05	0.36 0.07	-9151.46 0.0	0.0 272.7 545.4	2758.16 2758.16 2758.16	3078.00 -1475.01 -6073.47	-1109.37 -1109.37 -1109.37	9200.57 9200.57 9200.57	3.531e+05 8.582e+04 4.906e+04 3.047e+05 -2.550e+05 -7.241e+05
67	7 3.484e+05 3.209e+05 -7.148e+05 -2.257e+05	0.31 0.04	-9151.46 0.0	0.0 272.7 545.4	-2286.20 -2286.20 -2286.20	3153.35 -1399.66 -5998.12	-1008.05 -1008.05 -1008.05	6378.82 6378.82 6378.82	3.209e+05 5.130e+04 4.760e+04 2.921e+05 -2.257e+05 -7.148e+05
67	25 3.692e+05 3.681e+05 -7.661e+05 -2.853e+05	0.36 0.05	-9151.46 0.0	0.0 272.7 545.4	-971.30 -971.30 -971.30	2964.21 -1588.79 -6187.25	-1193.04 -1193.04 -1193.04	9684.38 9684.38 9684.38	3.681e+05 1.064e+05 4.140e+04 2.940e+05 -2.853e+05 -7.661e+05
67	37 3.649e+05 3.516e+05 -7.334e+05 -2.579e+05	0.35 0.06	-9151.46 0.0	0.0 272.7 545.4	928.44 928.44 928.44	3061.15 -1491.86 -6090.32	-1113.95 -1113.95 -1113.95	8849.74 8849.74 8849.74	3.516e+05 8.535e+04 4.685e+04 2.998e+05 -2.579e+05 -7.334e+05
67	38 3.628e+05 3.448e+05 -7.217e+05 -2.474e+05	0.35 0.06	-9151.46 0.0	0.0 272.7 545.4	1432.28 1432.28 1432.28	3097.43 -1455.58 -6054.04	-1083.20 -1083.20 -1083.20	8464.91 8464.91 8464.91	3.448e+05 7.686e+04 4.867e+04 3.014e+05 -2.474e+05 -7.217e+05
67	39 3.531e+05 3.293e+05 -7.172e+05 -2.333e+05	0.33 0.05	-9151.46 0.0	0.0 272.7 545.4	-960.31 -960.31 -960.31	3133.92 -1419.09 -6017.55	-1034.22 -1034.22 -1034.22	7114.47 7114.47 7114.47	3.293e+05 6.026e+04 4.800e+04 2.954e+05 -2.333e+05 -7.172e+05
67	57 3.632e+05 3.517e+05 -7.414e+05 -2.614e+05	0.35 0.05	-9151.46 0.0	0.0 272.7 545.4	-320.43 -320.43 -320.43	3044.29 -1508.72 -6107.18	-1121.93 -1121.93 -1121.93	8691.36 8691.36 8691.36	3.517e+05 8.647e+04 4.513e+04 2.964e+05 -2.614e+05 -7.414e+05
67	69 3.643e+05 3.503e+05 -7.322e+05 -2.564e+05	0.35 0.06	-9151.46 0.0	0.0 272.7 545.4	870.40 870.40 870.40	3065.73 -1487.28 -6085.73	-1109.31 -1109.31 -1109.31	8760.81 8760.81 8760.81	3.503e+05 8.394e+04 4.698e+04 2.997e+05 -2.564e+05 -7.322e+05
67	70 3.623e+05 3.441e+05 -7.215e+05 -2.468e+05	0.35 0.06	-9151.46 0.0	0.0 272.7 545.4	1331.66 1331.66 1331.66	3098.95 -1454.05 -6052.51	-1081.15 -1081.15 -1081.15	8408.31 8408.31 8408.31	3.441e+05 7.617e+04 4.864e+04 3.012e+05 -2.468e+05 -7.215e+05
67	71 3.535e+05 3.299e+05 -7.173e+05 -2.339e+05	0.33 0.05	-9151.46 0.0	0.0 272.7 545.4	-859.69 -859.69 -859.69	3132.39 -1420.61 -6019.07	-1036.27 -1036.27 -1036.27	7171.08 7171.08 7171.08	3.299e+05 6.096e+04 4.803e+04 2.957e+05 -2.339e+05 -7.173e+05
67	89 3.628e+05 3.505e+05 -7.395e+05 -2.597e+05	0.35 0.05	-9151.46 0.0	0.0 272.7 545.4	-273.27 -273.27 -273.27	3050.30 -1502.70 -6101.16	-1116.60 -1116.60 -1116.60	8615.66 8615.66 8615.66	3.505e+05 8.496e+04 4.540e+04 2.966e+05 -2.597e+05 -7.395e+05
68	5 8.519e+04 3.461e+04 7.120e+04 3.221e+04	9.12e-03 -3.42e-03	-340.54 0.0	0.0 21.2 42.3	3211.12 3211.12 3211.12	-146.70 -323.47 -487.24	-56.93 -56.93 -56.93	-3248.22 -3248.22 -3248.22	3.461e+04 8.519e+04 3.341e+04 8.000e+04 3.221e+04 7.120e+04
68	6 8.262e+04 2.940e+04 6.848e+04 2.742e+04	9.01e-03 -4.13e-03	-340.54 0.0	0.0 21.2	2736.31 2736.31	-156.25 -333.02	-46.83 -46.83	-4687.15 -4687.15	2.940e+04 8.262e+04 2.841e+04 7.735e+04

68	7	1.040e+05-2.974e+04 9.282e+04-3.183e+04	9.05e-03 3.65e-03	-340.54 0.0	42.3	2736.31	-496.79	-46.83	-4687.15	2.742e+04	6.848e+04
					0.0	-2906.44	-75.89	49.35	2474.29	-3.183e+04	1.040e+05
68	8	1.014e+05-3.454e+04 9.009e+04-3.704e+04	8.94e-03 2.93e-03	-340.54 0.0	21.2	-2906.44	-252.66	49.35	2474.29	-3.079e+04	1.002e+05
					42.3	-2906.44	-416.43	49.35	2474.29	-2.974e+04	9.282e+04
68	37	8.941e+04 1.582e+04 7.613e+04 1.471e+04	9.07e-03 -1.77e-03	-340.54 0.0	0.0	-3381.25	-85.44	59.46	1035.36	-3.704e+04	1.014e+05
					21.2	-3381.25	-262.20	59.46	1035.36	-3.579e+04	9.754e+04
68	38	8.822e+04 1.342e+04 7.486e+04 1.250e+04	9.02e-03 -2.10e-03	-340.54 0.0	42.3	-3381.25	-425.98	59.46	1035.36	-3.454e+04	9.009e+04
					0.0	1482.27	-130.76	-26.40	-2137.49	1.582e+04	8.941e+04
68	39	9.836e+04-1.483e+04 8.643e+04-1.585e+04	9.04e-03 1.61e-03	-340.54 0.0	21.2	1482.27	-307.53	-26.40	-2137.49	1.526e+04	8.457e+04
					42.3	1482.27	-471.30	-26.40	-2137.49	1.471e+04	7.613e+04
68	40	9.717e+04-1.703e+04 8.517e+04-1.825e+04	8.99e-03 1.28e-03	-340.54 0.0	0.0	1263.49	-135.18	-21.76	-2797.30	1.342e+04	8.822e+04
					21.2	1263.49	-311.94	-21.76	-2797.30	1.296e+04	8.334e+04
68	69	8.974e+04 1.439e+04 7.651e+04 1.337e+04	9.07e-03 -1.64e-03	-340.54 0.0	42.3	1263.49	-475.71	-21.76	-2797.30	1.250e+04	7.486e+04
					0.0	-1433.63	-96.97	24.28	584.43	-1.585e+04	9.836e+04
68	70	8.865e+04 1.219e+04 7.535e+04 1.135e+04	9.02e-03 -1.94e-03	-340.54 0.0	21.2	-1433.63	-273.73	24.28	584.43	-1.534e+04	9.420e+04
					42.3	-1433.63	-437.50	24.28	584.43	-1.483e+04	8.643e+04
68	71	9.793e+04-1.368e+04 8.595e+04-1.462e+04	9.04e-03 1.45e-03	-340.54 0.0	0.0	-1652.40	-101.38	28.93	-75.37	-1.825e+04	9.717e+04
					21.2	-1652.40	-278.14	28.93	-75.37	-1.764e+04	9.297e+04
68	72	9.684e+04-1.570e+04 8.479e+04-1.682e+04	8.99e-03 1.15e-03	-340.54 0.0	42.3	-1652.40	-441.92	28.93	-75.37	-1.703e+04	8.517e+04
					0.0	1350.54	-129.53	-24.08	-2051.28	1.439e+04	8.974e+04
69	6	-1.069e+05-5.149e+04 -1.423e+05-5.310e+04	0.01 1.21e-04	-296.45 0.0	21.2	1350.54	-306.30	-24.08	-2051.28	1.388e+04	8.492e+04
					42.3	1350.54	-470.07	-24.08	-2051.28	1.337e+04	7.651e+04
69	7	-1.345e+05-6.004e+04 -1.735e+05-8.752e+04	-3.01e-03 5.81e-04	-296.45 0.0	0.0	1150.31	-133.57	-19.83	-2655.03	1.219e+04	8.865e+04
					21.2	1150.31	-310.33	-19.83	-2655.03	1.177e+04	8.380e+04
69	8	-1.278e+05-7.666e+04 -1.671e+05-1.002e+05	-1.88e-03 5.80e-04	-296.45 0.0	42.3	1150.31	-474.11	-19.83	-2655.03	1.135e+04	7.535e+04
					0.0	-1320.44	-98.57	22.35	442.16	-1.462e+04	9.793e+04
69	17	-1.273e+05-2.477e+04 -1.631e+05-4.220e+04	4.57e-03 1.88e-04	-296.45 0.0	21.2	-1320.44	-275.34	22.35	442.16	-1.415e+04	9.374e+04
					42.3	-1320.44	-439.11	22.35	442.16	-1.368e+04	8.595e+04
69	26	-1.064e+05-8.075e+04 -1.436e+05-8.341e+04	8.28e-03 2.81e-04	-296.45 0.0	0.0	-1520.67	-102.61	26.60	-161.59	-1.682e+04	9.684e+04
					21.2	-1520.67	-279.38	26.60	-161.59	-1.626e+04	9.262e+04
69	38	-1.141e+05-5.490e+04 -1.505e+05-6.085e+04	7.76e-03 2.39e-04	-296.45 0.0	42.3	-1520.67	-443.15	26.60	-161.59	-1.570e+04	8.479e+04
					0.0	5704.80	1508.52	-281.66	5457.56	-5.149e+04	-1.423e+05
69	39	-1.272e+05-5.823e+04 -1.653e+05-7.815e+04	1.01e-03 4.62e-04	-296.45 0.0	11.6	5704.80	1360.32	-281.66	5457.56	-5.229e+04	-1.237e+05
					23.2	5704.80	1212.07	-281.66	5457.56	-5.310e+04	-1.069e+05
69	40	-1.241e+05-6.598e+04 -1.623e+05-8.409e+04	1.46e-03 4.62e-04	-296.45 0.0	0.0	-6476.73	1926.33	1394.27	1.349e+04	-8.752e+04	-1.735e+05
					11.6	-6476.73	1778.13	1394.27	1.349e+04	-7.378e+04	-1.531e+05
69	49	-1.237e+05-4.174e+04 -1.603e+05-5.671e+04	4.46e-03 2.74e-04	-296.45 0.0	23.2	-6476.73	1629.87	1394.27	1.349e+04	-6.004e+04	-1.345e+05
					0.0	-5388.49	1796.78	1150.38	1.228e+04	-1.002e+05	-1.671e+05
69	58	-1.140e+05-6.781e+04 -1.512e+05-7.590e+04	6.17e-03 3.16e-04	-296.45 0.0	11.6	-5388.49	1648.57	1150.38	1.228e+04	-8.846e+04	-1.466e+05
					23.2	-5388.49	1500.32	1150.38	1.228e+04	-7.666e+04	-1.278e+05
69	70	-1.147e+05-5.504e+04 -1.511e+05-6.158e+04	7.47e-03 2.48e-04	-296.45 0.0	0.0	-383.90	1880.91	782.09	1.032e+04	-3.348e+04	-1.443e+05
					11.6	-383.90	1732.71	782.09	1.032e+04	-2.477e+04	-1.273e+05
69	71	-1.267e+05-5.809e+04 -1.647e+05-7.743e+04	1.25e-03 4.53e-04	-296.45 0.0	23.2	-383.90	1584.46	782.09	1.032e+04	-2.477e+04	-1.273e+05
					0.0	3091.76	1458.27	-64.99	6434.27	-8.341e+04	-1.436e+05
69	72	-1.238e+05-6.518e+04 -1.620e+05-8.286e+04	1.71e-03 4.52e-04	-296.45 0.0	11.6	3091.76	1310.06	-64.99	6434.27	-8.208e+04	-1.241e+05
					23.2	3091.76	1161.81	-64.99	6434.27	-8.075e+04	-1.064e+05
69	81	-1.235e+05-4.299e+04 -1.601e+05-5.779e+04	4.45e-03 2.80e-04	-296.45 0.0	0.0	2513.52	1620.39	158.16	7567.28	-6.085e+04	-1.505e+05
					11.6	2513.52	1472.19	158.16	7567.28	-5.788e+04	-1.315e+05
69	90	-1.145e+05-6.686e+04 -1.517e+05-7.536e+04	6.01e-03 3.19e-04	-296.45 0.0	23.2	2513.52	1323.94	158.16	7567.28	-5.490e+04	-1.141e+05
					0.0	-3285.45	1814.45	954.44	1.138e+04	-7.815e+04	-1.653e+05
70	13	2.969e+04 5769.49	-0.09	-967.30	11.6	-3285.45	1666.25	954.44	1.138e+04	-6.819e+04	-1.454e+05
					23.2	-3285.45	1518.00	954.44	1.138e+04	-5.823e+04	-1.272e+05
					0.0	-2779.36	1755.17	840.98	1.082e+04	-8.409e+04	-1.623e+05
					11.6	-2779.36	1606.97	840.98	1.082e+04	-7.503e+04	-1.424e+05
					23.2	-2779.36	1458.72	840.98	1.082e+04	-6.598e+04	-1.241e+05
					0.0	-362.44	1791.83	658.80	9851.17	-5.671e+04	-1.603e+05
					11.6	-362.44	1643.63	658.80	9851.17	-4.922e+04	-1.412e+05
					23.2	-362.44	1495.38	658.80	9851.17	-4.174e+04	-1.267e+05
					0.0	1251.45	1598.41	264.79	8050.81	-7.590e+04	-1.512e+05
					11.6	1251.45	1450.21	264.79	8050.81	-7.186e+04	-1.317e+05
					23.2	1251.45	1301.95	264.79	8050.81	-6.781e+04	-1.140e+05
					0.0	2269.90	1628.61	191.63	7727.76	-6.158e+04	-1.511e+05
					11.6	2269.90	1480.41	191.63	7727.76	-5.831e+04	-1.320e+05
					23.2	2269.90	1332.16	191.63	7727.76	-5.504e+04	-1.147e+05
					0.0	-3041.83	1806.23	920.97	1.122e+04	-7.743e+04	-1.647e+05
					11.6	-3041.83	1658.03	920.97	1.122e+04	-6.776e+04	-1.448e+05
					23.2	-3041.83	1509.78	920.97	1.122e+04	-5.809e+04	-1.267e+05
					0.0	-2578.53	1751.99	817.11	1.071e+04	-8.286e+04	-1.620e+05
					11.6	-2578.53	1603.79	817.11	1.071e+04	-7.402e+04	-1.420e+05
					23.2	-2578.53	1455.54	817.11	1.071e+04	-6.518e+04	-1.238e+05
					0.0	-363.91	1785.50	650.08	9818.94	-5.779e+04	-1.601e+05
					11.6	-363.91	1637.30	650.08	9818.94	-5.039e+04	-1.409e+05
					23.2	-363.91	1489.05	650.08	9818.94	-4.299e+04	-1.235e+05
					0.0	1113.46	1608.51	289.38	8171.00	-7.536e+04	-1.517e+05
					11.6	1113.46	1460.31	289.38	8171.00	-7.111e+04	-1.323e+05
					23.2	1113.46	1312.06	289.38	8171.00	-6.686e+04	-1.145e+05
					0.0	3125.87	577.43	-38.02	-2.889e+04	5769.49	-5.382e+04

		-5.382e+04 -1.392e+04	0.08	0.0	268.3	3155.23	52.89	-38.02 -2.889e+04	-4074.36 2.893e+04
					536.7	3180.02	-389.87	-38.02 -2.889e+04 -1.392e+04 -1.811e+04	
70	14	3.038e+04 5603.89	-0.09	-967.30	0.0	2637.34	587.98	-36.83 -2.904e+04	5603.89 -5.634e+04
		-5.634e+04 -1.344e+04	0.07	0.0	268.3	2666.71	63.44	-36.83 -2.904e+04	-3915.69 2.925e+04
					536.7	2691.50	-379.32	-36.83 -2.904e+04 -1.344e+04 -1.494e+04	
70	15	2.428e+04 6585.66	-0.05	-967.30	0.0	-2415.54	475.18	-27.51 -2.612e+04	6585.66 -3.164e+04
		-5.085e+04 -8905.21	-0.05	0.0	268.3	-2386.18	-49.36	-27.51 -2.612e+04	-1159.77 2.365e+04
					536.7	-2361.39	-492.12	-27.51 -2.612e+04	-8905.21 -5.085e+04
70	16	2.426e+04 6420.06	-0.05	-967.30	0.0	-2904.07	485.73	-26.32 -2.628e+04	6420.06 -3.416e+04
		-4.767e+04 -8422.27	-0.07	0.0	268.3	-2874.70	-38.81	-26.32 -2.628e+04	-1001.10 2.398e+04
					536.7	-2849.91	-481.57	-26.32 -2.628e+04	-8422.27 -4.767e+04
70	45	2.763e+04 5940.96	-0.08	-967.30	0.0	1547.33	553.49	-34.95 -2.820e+04	5940.96 -4.868e+04
		-4.868e+04 -1.248e+04	0.05	0.0	268.3	1576.70	28.95	-34.95 -2.820e+04	-3269.24 2.763e+04
					536.7	1601.49	-413.81	-34.95 -2.820e+04 -1.248e+04 -2.583e+04	
70	46	2.792e+04 5863.16	-0.08	-967.30	0.0	1317.07	558.42	-34.39 -2.828e+04	5863.16 -4.986e+04
		-4.986e+04 -1.225e+04	0.04	0.0	268.3	1346.44	33.88	-34.39 -2.828e+04	-3194.07 2.779e+04
					536.7	1371.23	-408.88	-34.39 -2.828e+04 -1.225e+04 -2.435e+04	
70	47	2.511e+04 6326.39	-0.06	-967.30	0.0	-1095.28	504.74	-29.95 -2.689e+04	6326.39 -3.811e+04
		-4.144e+04 -1.009e+04	-0.02	0.0	268.3	-1065.91	-19.80	-29.95 -2.689e+04	-1881.39 2.511e+04
					536.7	-1041.12	-462.56	-29.95 -2.689e+04 -1.009e+04 -4.144e+04	
70	48	2.527e+04 6248.60	-0.06	-967.30	0.0	-1325.54	509.67	-29.39 -2.696e+04	6248.60 -3.929e+04
		-3.996e+04 -9861.05	-0.03	0.0	268.3	-1296.17	-14.87	-29.39 -2.696e+04	-1806.23 2.527e+04
					536.7	-1271.38	-457.63	-29.39 -2.696e+04	-9861.05 -3.996e+04
70	77	2.753e+04 5953.91	-0.08	-967.30	0.0	1426.67	551.65	-34.72 -2.815e+04	5953.91 -4.829e+04
		-4.829e+04 -1.237e+04	0.05	0.0	268.3	1456.04	27.11	-34.72 -2.815e+04	-3207.77 2.753e+04
					536.7	1480.83	-415.65	-34.72 -2.815e+04 -1.237e+04 -2.642e+04	
70	78	2.773e+04 5882.67	-0.08	-967.30	0.0	1215.81	556.16	-34.21 -2.822e+04	5882.67 -4.937e+04
		-4.937e+04 -1.216e+04	0.04	0.0	268.3	1245.18	31.63	-34.21 -2.822e+04	-3138.94 2.768e+04
					536.7	1269.97	-411.14	-34.21 -2.822e+04 -1.216e+04 -2.506e+04	
70	79	2.523e+04 6306.89	-0.06	-967.30	0.0	-994.01	506.99	-30.13 -2.694e+04	6306.89 -3.861e+04
		-4.072e+04 -1.018e+04	-0.02	0.0	268.3	-964.65	-17.54	-30.13 -2.694e+04	-1936.53 2.523e+04
					536.7	-939.86	-460.31	-30.13 -2.694e+04 -1.018e+04 -4.072e+04	
70	80	2.537e+04 6235.65	-0.06	-967.30	0.0	-1204.87	511.51	-29.62 -2.701e+04	6235.65 -3.929e+04
		-3.969e+04 -9971.03	-0.02	0.0	268.3	-1175.51	-13.03	-29.62 -2.701e+04	-1867.69 2.537e+04
					536.7	-1150.72	-455.79	-29.62 -2.701e+04	-9971.03 -3.969e+04
71	2	4.136e+05 3.256e+04	-0.45	-7808.47	0.0	-786.50	3787.55	39.35 262.16	1.005e+04 -1.325e+05
		-2.201e+05 1.005e+04	0.02	0.0	300.0	-786.50	-146.34	39.35 262.16	2.130e+04 4.136e+05
					599.9	-786.50	-4020.92	39.35 262.16	3.256e+04 -2.201e+05
71	3	4.139e+05 2.646e+04	-0.45	-7808.47	0.0	-554.84	4059.40	-22.28 -7228.92	2.646e+04 -2.138e+05
		-2.138e+05 1.420e+04	-0.01	0.0	300.0	-554.84	125.51	-22.28 -7228.92	2.033e+04 4.139e+05
					599.9	-554.84	-3749.07	-22.28 -7228.92	1.420e+04 -1.382e+05
71	10	4.141e+05 3.306e+04	-0.44	-7808.47	0.0	-740.93	3724.65	47.10 5636.09	5762.28 -1.132e+05
		-2.385e+05 5762.28	0.03	0.0	300.0	-740.93	-209.25	47.10 5636.09	1.941e+04 4.141e+05
					599.9	-740.93	-4083.83	47.10 5636.09	3.306e+04 -2.385e+05
71	13	4.141e+05 3.432e+04	-0.44	-7808.47	0.0	-704.51	3706.23	47.04 6980.28	5846.70 -1.076e+05
		-2.440e+05 5846.70	0.03	0.0	300.0	-704.51	-227.66	47.04 6980.28	2.009e+04 4.141e+05
					599.9	-704.51	-4102.24	47.04 6980.28	3.432e+04 -2.440e+05
71	34	4.137e+05 2.773e+04	-0.45	-7808.47	0.0	-725.49	3858.51	23.06 -1693.77	1.440e+04 -1.537e+05
		-1.987e+05 1.440e+04	9.94e-03	0.0	300.0	-725.49	-75.38	23.06 -1693.77	2.107e+04 4.137e+05
					599.9	-725.49	-3949.96	23.06 -1693.77	2.773e+04 -1.987e+05
71	35	4.138e+05 2.211e+04	-0.45	-7808.47	0.0	-615.84	3988.43	-5.99 -5272.99	2.211e+04 -1.925e+05
		-1.925e+05 1.902e+04	-5.53e-03	0.0	300.0	-615.84	54.54	-5.99 -5272.99	2.057e+04 4.138e+05
					599.9	-615.84	-3820.04	-5.99 -5272.99	1.902e+04 -1.596e+05
71	42	4.139e+05 2.798e+04	-0.45	-7808.47	0.0	-703.04	3828.54	26.80 868.35	1.235e+04 -1.445e+05
		-2.075e+05 1.235e+04	0.02	0.0	300.0	-703.04	-105.35	26.80 868.35	2.016e+04 4.139e+05
					599.9	-703.04	-3979.93	26.80 868.35	2.798e+04 -2.075e+05
71	45	4.139e+05 2.856e+04	-0.45	-7808.47	0.0	-686.30	3819.83	26.78 1501.70	1.238e+04 -1.419e+05
		-2.101e+05 1.238e+04	0.02	0.0	300.0	-686.30	-114.07	26.78 1501.70	2.047e+04 4.139e+05
					599.9	-686.30	-3988.65	26.78 1501.70	2.856e+04 -2.101e+05
71	66	4.137e+05 2.737e+04	-0.45	-7808.47	0.0	-720.88	3863.97	21.84 -1843.99	1.473e+04 -1.553e+05
		-1.971e+05 1.473e+04	9.33e-03	0.0	300.0	-720.88	-69.92	21.84 -1843.99	2.105e+04 4.137e+05
					599.9	-720.88	-3944.50	21.84 -1843.99	2.737e+04 -1.971e+05
71	67	4.138e+05 2.179e+04	-0.45	-7808.47	0.0	-620.46	3982.98	-4.77 -5122.78	2.179e+04 -1.909e+05
		-1.909e+05 1.939e+04	-5.13e-03	0.0	300.0	-620.46	49.09	-4.77 -5122.78	2.059e+04 4.138e+05
					599.9	-620.46	-3825.49	-4.77 -5122.78	1.939e+04 -1.612e+05
71	74	4.139e+05 2.759e+04	-0.45	-7808.47	0.0	-700.29	3836.51	25.26 502.95	1.285e+04 -1.469e+05
		-2.051e+05 1.285e+04	0.02	0.0	300.0	-700.29	-97.38	25.26 502.95	2.022e+04 4.139e+05
					599.9	-700.29	-3971.96	25.26 502.95	2.759e+04 -2.051e+05
71	77	4.139e+05 2.812e+04	-0.45	-7808.47	0.0	-684.98	3828.53	25.24 1082.94	1.288e+04 -1.445e+05
		-2.075e+05 1.288e+04	0.02	0.0	300.0	-684.98	-105.36	25.24 1082.94	2.050e+04 4.139e+05
					599.9	-684.98	-3979.94	25.24 1082.94	2.812e+04 -2.075e+05
72	6	-7.611e+04 -4.244e+04	3.25e-03	-296.65	0.0	4966.62	1264.42	-21.85 5665.85	-5.310e+04 -1.070e+05
		-1.070e+05 -5.310e+04	-1.52e-04	0.0	11.6	4966.62	1116.12	-21.85 5665.85	-4.777e+04 -9.070e+04
					23.2	4966.62	967.77	-21.85 5665.85	-4.244e+04 -7.611e+04
72	7	-1.010e+05 -4.663e+04	3.40e-04	-296.65	0.0	-5732.87	1667.92	1052.48 1.347e+04	-5.998e+04 -1.335e+05
		-1.335e+05 -5.998e+04	4.18e-04	0.0	11.6	-5732.87	1519.62	1052.48 1.347e+04	-5.331e+04 -1.164e+05
					23.2	-5732.87	1371.27	1052.48 1.347e+04	-4.663e+04 -1.010e+05

72	17-9.829e+04	-9015.52	4.88e-04	-296.65	0.0	-324.58	1602.85	577.90	1.016e+04	-2.474e+04	-1.272e+05
	-1.272e+05	-2.474e+04	9.81e-05	0.0	11.6	-324.58	1454.55	577.90	1.016e+04	-1.688e+04	-1.119e+05
					23.2	-324.58	1306.20	577.90	1.016e+04	-9015.52	-9.829e+04
72	20-7.885e+04	-8.006e+04	2.97e-03	-296.65	0.0	-441.67	1329.48	452.74	8976.30	-8.835e+04	-1.133e+05
	-1.133e+05	-8.835e+04	1.69e-04	0.0	11.6	-441.67	1181.18	452.74	8976.30	-8.420e+04	-9.521e+04
					23.2	-441.67	1032.84	452.74	8976.30	-8.006e+04	-7.885e+04
72	26-7.273e+04	-7.180e+04	3.68e-03	-296.65	0.0	2656.99	1234.09	179.13	6831.43	-8.074e+04	-1.060e+05
	-1.060e+05	-8.074e+04	-6.67e-05	0.0	11.6	2656.99	1085.79	179.13	6831.43	-7.627e+04	-8.852e+04
					23.2	2656.99	937.45	179.13	6831.43	-7.180e+04	-7.273e+04
72	27-1.044e+05	-1.728e+04	-3.98e-04	-296.65	0.0	-3423.24	1698.24	851.50	1.231e+04	-3.235e+04	-1.344e+05
	-1.344e+05	-3.235e+04	3.33e-04	0.0	11.6	-3423.24	1549.94	851.50	1.231e+04	-2.481e+04	-1.186e+05
					23.2	-3423.24	1401.59	851.50	1.231e+04	-1.728e+04	-1.044e+05
72	38-8.271e+04	-4.355e+04	2.39e-03	-296.65	0.0	2163.51	1372.04	259.85	7715.01	-5.489e+04	-1.140e+05
	-1.140e+05	-5.489e+04	2.24e-05	0.0	11.6	2163.51	1223.74	259.85	7715.01	-4.922e+04	-9.748e+04
					23.2	2163.51	1075.40	259.85	7715.01	-4.355e+04	-8.271e+04
72	39-9.443e+04	-4.553e+04	9.10e-04	-296.65	0.0	-2929.76	1560.29	770.79	1.142e+04	-5.819e+04	-1.265e+05
	-1.265e+05	-5.819e+04	2.71e-04	0.0	11.6	-2929.76	1411.99	770.79	1.142e+04	-5.186e+04	-1.096e+05
					23.2	-2929.76	1263.65	770.79	1.142e+04	-4.553e+04	-9.443e+04
72	49-9.306e+04	-2.799e+04	1.04e-03	-296.65	0.0	-335.84	1528.24	542.57	9829.31	-4.171e+04	-1.235e+05
	-1.235e+05	-4.171e+04	1.16e-04	0.0	11.6	-335.84	1379.94	542.57	9829.31	-3.485e+04	-1.074e+05
					23.2	-335.84	1231.59	542.57	9829.31	-2.799e+04	-9.306e+04
72	52-8.408e+04	-6.109e+04	2.25e-03	-296.65	0.0	-430.42	1404.10	488.06	9309.45	-7.137e+04	-1.170e+05
	-1.170e+05	-7.137e+04	1.51e-04	0.0	11.6	-430.42	1255.80	488.06	9309.45	-6.623e+04	-9.969e+04
					23.2	-430.42	1107.45	488.06	9309.45	-6.109e+04	-8.408e+04
72	58-8.119e+04	-5.722e+04	2.58e-03	-296.65	0.0	1048.12	1359.40	357.35	8286.49	-6.779e+04	-1.136e+05
	-1.136e+05	-6.779e+04	5.25e-05	0.0	11.6	1048.12	1211.10	357.35	8286.49	-6.251e+04	-9.652e+04
					23.2	1048.12	1062.75	357.35	8286.49	-5.722e+04	-8.119e+04
72	59-9.595e+04	-3.185e+04	7.52e-04	-296.65	0.0	-1814.37	1572.94	673.29	1.085e+04	-4.529e+04	-1.269e+05
	-1.269e+05	-4.529e+04	2.29e-04	0.0	11.6	-1814.37	1424.64	673.29	1.085e+04	-3.857e+04	-1.106e+05
					23.2	-1814.37	1276.29	673.29	1.085e+04	-3.185e+04	-9.595e+04
72	70-8.321e+04	-4.363e+04	2.33e-03	-296.65	0.0	1949.53	1380.00	281.32	7870.79	-5.503e+04	-1.145e+05
	-1.145e+05	-5.503e+04	2.82e-05	0.0	11.6	1949.53	1231.70	281.32	7870.79	-4.933e+04	-9.799e+04
					23.2	1949.53	1083.35	281.32	7870.79	-4.363e+04	-8.321e+04
72	71-9.393e+04	-4.544e+04	9.64e-04	-296.65	0.0	-2715.78	1552.33	749.32	1.127e+04	-5.806e+04	-1.260e+05
	-1.260e+05	-5.806e+04	2.59e-04	0.0	11.6	-2715.78	1404.03	749.32	1.127e+04	-5.175e+04	-1.091e+05
					23.2	-2715.78	1255.69	749.32	1.127e+04	-4.544e+04	-9.393e+04
72	81-9.268e+04	-2.939e+04	1.09e-03	-296.65	0.0	-339.37	1522.95	540.22	9806.83	-4.296e+04	-1.232e+05
	-1.232e+05	-4.296e+04	1.18e-04	0.0	11.6	-339.37	1374.66	540.22	9806.83	-3.618e+04	-1.071e+05
					23.2	-339.37	1226.31	540.22	9806.83	-2.939e+04	-9.268e+04
72	84-8.446e+04	-5.969e+04	2.20e-03	-296.65	0.0	-426.88	1409.38	490.41	9331.93	-7.012e+04	-1.173e+05
	-1.173e+05	-7.012e+04	1.49e-04	0.0	11.6	-426.88	1261.08	490.41	9331.93	-6.490e+04	-1.000e+05
					23.2	-426.88	1112.73	490.41	9331.93	-5.969e+04	-8.446e+04
72	90-8.181e+04	-5.615e+04	2.50e-03	-296.65	0.0	927.50	1368.46	370.67	8394.79	-6.684e+04	-1.141e+05
	-1.141e+05	-6.684e+04	5.75e-05	0.0	11.6	927.50	1220.16	370.67	8394.79	-6.149e+04	-9.711e+04
					23.2	927.50	1071.81	370.67	8394.79	-5.615e+04	-8.181e+04
72	91-9.533e+04	-3.293e+04	8.16e-04	-296.65	0.0	-1693.75	1563.88	659.97	1.074e+04	-4.624e+04	-1.263e+05
	-1.263e+05	-4.624e+04	2.21e-04	0.0	11.6	-1693.75	1415.58	659.97	1.074e+04	-3.959e+04	-1.100e+05
					23.2	-1693.75	1267.23	659.97	1.074e+04	-3.293e+04	-9.533e+04
73	13-4.085e+04	3.094e+04	0.02	-2026.32	0.0	-146.71	1945.18	198.83	3288.28	-1.215e+04	-2.200e+05
	-2.200e+05	-1.215e+04	-6.96e-03	0.0	95.6	-62.32	938.39	198.83	3288.28	-9394.80	-8.212e+04
					191.2	23.14	-81.14	198.83	3288.28	3.094e+04	-4.106e+04
73	15 5.544e+04	-1687.27	0.02	-2026.32	0.0	-1597.32	2668.33	-214.69	9302.99	-1687.27	-2.623e+05
	-2.623e+05	-3.981e+04	3.12e-03	0.0	95.6	-1512.93	1661.54	-214.69	9302.99	-2.075e+04	-5.498e+04
					191.2	-1427.48	642.01	-214.69	9302.99	-3.981e+04	5.544e+04
73	16 5.097e+04	-6418.45	0.02	-2026.32	0.0	-1797.45	2637.31	-178.27	4578.06	-6418.45	-2.605e+05
	-2.605e+05	-4.558e+04	3.08e-03	0.0	95.6	-1713.06	1630.52	-178.27	4578.06	-2.600e+04	-5.632e+04
					191.2	-1627.60	611.00	-178.27	4578.06	-4.558e+04	5.097e+04
73	45-1.702e+04	1.091e+04	0.02	-2026.32	0.0	-579.94	2126.02	100.39	3618.25	-1.067e+04	-2.306e+05
	-2.306e+05	-1.067e+04	-4.36e-03	0.0	95.6	-495.55	1119.22	100.39	3618.25	119.33	-7.538e+04
					191.2	-410.09	99.70	100.39	3618.25	1.091e+04	-1.702e+04
73	47 2.905e+04	-5703.74	0.02	-2026.32	0.0	-1271.51	2471.16	-96.84	6447.87	-5703.74	-2.507e+05
	-2.507e+05	-2.283e+04	7.51e-04	0.0	95.6	-1187.12	1464.37	-96.84	6447.87	-1.426e+04	-6.242e+04
					191.2	-1101.66	444.84	-96.84	6447.87	-2.283e+04	2.905e+04
73	48 2.693e+04	-7897.30	0.02	-2026.32	0.0	-1364.22	2456.48	-79.83	4248.09	-7897.30	-2.499e+05
	-2.499e+05	-2.555e+04	8.03e-04	0.0	95.6	-1279.83	1449.69	-79.83	4248.09	-1.672e+04	-6.305e+04
					191.2	-1194.38	430.16	-79.83	4248.09	-2.555e+04	2.693e+04
73	77-1.517e+04	9381.00	0.02	-2026.32	0.0	-612.90	2139.89	92.82	3644.52	-1.056e+04	-2.314e+05
	-2.314e+05	-1.056e+04	-4.16e-03	0.0	95.6	-528.51	1133.10	92.82	3644.52	-588.35	-7.486e+04
					191.2	-443.06	113.57	92.82	3644.52	9381.00	-1.517e+04
73	79 2.702e+04	-6005.49	0.02	-2026.32	0.0	-1246.39	2456.05	-87.84	6235.62	-6005.49	-2.499e+05
	-2.499e+05	-2.152e+04	6.06e-04	0.0	95.6	-1162.00	1449.26	-87.84	6235.62	-1.376e+04	-6.299e+04
					191.2	-1076.55	429.73	-87.84	6235.62	-2.152e+04	2.702e+04
73	80 2.508e+04	-8013.40	0.02	-2026.32	0.0	-1331.26	2442.61	-72.26	4221.81	-8013.40	-2.491e+05
	-2.491e+05	-2.402e+04	6.56e-04	0.0	95.6	-1246.87	1435.81	-72.26	4221.81	-1.602e+04	-6.357e+04
					191.2	-1161.41	416.29	-72.26	4221.81	-2.402e+04	2.508e+04
74	2 5.053e+04	2.096e+04	-0.01	-483.32	0.0	2764.83	1269.41	211.77	-1.323e+04	1.189e+04	6952.85
	6952.85	1.189e+04	-5.65e-03	0.0	21.2	2764.83	1027.36	211.77	-1.323e+04	1.643e+04	3.130e+04

74	3	4.633e+04 -1.553e+04 -3241.90 -2.416e+04	-0.02 5.31e-03	-483.32 0.0	42.3	2764.83	786.09	211.77	-1.323e+04	2.096e+04	5.053e+04
					0.0	-3007.96	1441.73	-201.30	-6307.19	-1.553e+04	-3241.90
74	5	4.960e+04 2.497e+04 5387.68 1.182e+04	-0.01 -4.78e-03	-483.32 0.0	21.2	-3007.96	1199.68	-201.30	-6307.19	-1.984e+04	2.410e+04
					42.3	-3007.96	958.41	-201.30	-6307.19	-2.416e+04	4.633e+04
74	6	5.059e+04 2.084e+04 6980.08 1.471e+04	-0.01 -5.62e-03	-483.32 0.0	0.0	2299.16	1299.87	244.77	-1.216e+04	1.182e+04	5387.68
					21.2	2299.16	1057.81	244.77	-1.216e+04	1.839e+04	3.005e+04
74	7	4.627e+04 -1.835e+04 -3269.14 -2.404e+04	-0.02 5.28e-03	-483.32 0.0	42.3	2299.16	816.55	244.77	-1.216e+04	2.497e+04	4.960e+04
					0.0	2762.49	1268.99	211.95	-1.327e+04	1.471e+04	6980.08
74	8	4.726e+04 -1.545e+04 -1676.74 -2.817e+04	-0.02 4.44e-03	-483.32 0.0	21.2	2762.49	1026.94	211.95	-1.327e+04	1.778e+04	3.134e+04
					42.3	2762.49	785.67	211.95	-1.327e+04	2.084e+04	5.059e+04
74	34	4.942e+04 9192.91 4271.56 4743.00	-0.01 -2.79e-03	-483.32 0.0	0.0	-3005.63	1442.16	-201.48	-6262.94	-1.835e+04	-3269.14
					21.2	-3005.63	1200.10	-201.48	-6262.94	-2.119e+04	2.406e+04
74	35	4.744e+04 -8381.29 -560.61 -1.239e+04	-0.02 2.44e-03	-483.32 0.0	42.3	-3005.63	958.83	-201.48	-6262.94	-2.404e+04	4.627e+04
					0.0	-2542.29	1411.28	-234.30	-7379.06	-1.545e+04	-1676.74
74	37	4.899e+04 1.104e+04 3552.24 4704.85	-0.01 -2.38e-03	-483.32 0.0	21.2	-2542.29	1169.23	-234.30	-7379.06	-2.181e+04	2.535e+04
					42.3	-2542.29	927.96	-234.30	-7379.06	-2.817e+04	4.726e+04
74	38	4.945e+04 9134.79 4283.23 6043.00	-0.01 -2.77e-03	-483.32 0.0	0.0	1251.02	1314.90	103.99	-1.141e+04	4743.00	4271.56
					21.2	1251.02	1072.85	103.99	-1.141e+04	6967.95	2.940e+04
74	39	4.742e+04 -9681.29 -572.28 -1.233e+04	-0.02 2.43e-03	-483.32 0.0	42.3	1251.02	831.58	103.99	-1.141e+04	9192.91	4.942e+04
					0.0	-1494.15	1396.25	-93.52	-8129.31	-8381.29	-560.61
74	40	4.787e+04 -8343.14 158.70 -1.423e+04	-0.02 2.04e-03	-483.32 0.0	21.2	-1494.15	1154.19	-93.52	-8129.31	-1.038e+04	2.600e+04
					42.3	-1494.15	912.93	-93.52	-8129.31	-1.239e+04	4.744e+04
74	66	4.934e+04 8287.47 4068.02 4192.44	-0.01 -2.57e-03	-483.32 0.0	0.0	1035.89	1328.91	119.11	-1.092e+04	4704.85	3552.24
					21.2	1035.89	1086.86	119.11	-1.092e+04	7872.03	2.883e+04
74	67	4.753e+04 -7830.73 -357.07 -1.148e+04	-0.02 2.22e-03	-483.32 0.0	42.3	1035.89	845.59	119.11	-1.092e+04	1.104e+04	4.899e+04
					0.0	1250.06	1314.71	104.03	-1.143e+04	6043.00	4283.23
74	69	4.895e+04 9977.19 3409.76 4157.46	-0.01 -2.20e-03	-483.32 0.0	21.2	1250.06	1072.66	104.03	-1.143e+04	7588.90	2.942e+04
					42.3	1250.06	831.39	104.03	-1.143e+04	9134.79	4.945e+04
74	70	4.936e+04 8234.18 4078.68 5382.28	-0.01 -2.55e-03	-483.32 0.0	0.0	-1493.19	1396.44	-93.56	-8108.45	-9681.29	-572.28
					21.2	-1493.19	1154.38	-93.56	-8108.45	-1.101e+04	2.598e+04
74	71	4.750e+04 -9020.58 -367.74 -1.143e+04	-0.02 2.21e-03	-483.32 0.0	42.3	-1493.19	913.12	-93.56	-8108.45	-1.233e+04	4.742e+04
					0.0	-1279.02	1382.23	-108.64	-8620.67	-8343.14	158.70
74	72	4.792e+04 -7795.76 301.19 -1.317e+04	-0.02 1.85e-03	-483.32 0.0	21.2	-1279.02	1140.18	-108.64	-8620.67	-1.129e+04	2.657e+04
					42.3	-1279.02	898.91	-108.64	-8620.67	-1.423e+04	4.787e+04
75	3	2.487e+04 -7.537e+04 1.278e+04 -7.769e+04	3.99e-03 1.43e-03	-210.56 0.0	0.0	1135.66	1318.33	95.70	-1.127e+04	4192.44	4068.02
					21.2	1135.66	1076.27	95.70	-1.127e+04	6239.95	2.926e+04
75	6	2.075e+04 1.019e+05 1.885e+04 4.945e+04	5.42e-03 -1.01e-03	-210.56 0.0	42.3	1135.66	835.01	95.70	-1.127e+04	8287.47	4.934e+04
					0.0	-1378.79	1392.82	-85.23	-8267.09	-7830.73	-357.07
75	7	2.477e+04 -7.477e+04 1.270e+04 -7.743e+04	3.96e-03 1.44e-03	-210.56 0.0	21.2	-1378.79	1150.77	-85.23	-8267.09	-9656.82	2.614e+04
					42.3	-1378.79	909.50	-85.23	-8267.09	-1.148e+04	4.753e+04
75	18	2.613e+04 1.038e+05 2.008e+04 4.016e+04	5.54e-03 -3.69e-04	-210.56 0.0	0.0	938.76	1331.15	109.54	-1.082e+04	4157.46	3409.76
					21.2	938.76	1089.10	109.54	-1.082e+04	7067.33	2.873e+04
75	27	1.855e+04 -6.725e+04 1.119e+04 -7.466e+04	3.73e-03 8.47e-04	-210.56 0.0	42.3	938.76	847.83	109.54	-1.082e+04	9977.19	4.895e+04
					0.0	1134.79	1318.15	95.74	-1.129e+04	5382.28	4078.68
75	28	2.873e+04 6.103e+04 1.924e+04 7986.36	5.35e-03 2.71e-04	-210.56 0.0	21.2	1134.79	1076.10	95.74	-1.129e+04	6808.23	2.928e+04
					42.3	1134.79	834.83	95.74	-1.129e+04	8234.18	4.936e+04
75	35	2.362e+04 -2.857e+04 1.439e+04 -4.424e+04	4.36e-03 7.96e-04	-210.56 0.0	0.0	-1377.92	1393.00	-85.27	-8247.98	-9020.58	-367.74
					21.2	-1377.92	1150.94	-85.27	-8247.98	-1.023e+04	2.612e+04
75	38	2.142e+04 5.547e+04 1.720e+04 1.615e+04	5.03e-03 -3.67e-04	-210.56 0.0	42.3	-1377.92	909.67	-85.27	-8247.98	-1.143e+04	4.750e+04
					0.0	-1181.89	1380.00	-99.07	-8716.69	-7795.76	301.19
75	39	2.357e+04 -2.829e+04	4.35e-03	-210.56	21.2	-1181.89	1137.94	-99.07	-8716.69	-1.048e+04	2.666e+04
					42.3	-1181.89	896.68	-99.07	-8716.69	-1.317e+04	4.792e+04
					0.0	693.76	375.60	15.36	-1.762e+04	-7.769e+04	1.278e+04
					21.0	687.49	270.40	15.36	-1.762e+04	-7.653e+04	1.993e+04
					42.0	681.20	165.04	15.36	-1.762e+04	-7.537e+04	2.487e+04
					0.0	-2155.04	163.88	1293.03	-1.641e+04	4.945e+04	1.885e+04
					21.0	-2161.32	58.68	1293.03	-1.641e+04	7.570e+04	2.062e+04
					42.0	-2167.60	-46.68	1293.03	-1.641e+04	1.019e+05	2.024e+04
					0.0	714.12	378.81	20.14	-1.733e+04	-7.743e+04	1.270e+04
					21.0	707.85	273.61	20.14	-1.733e+04	-7.610e+04	1.984e+04
					42.0	701.57	168.25	20.14	-1.733e+04	-7.477e+04	2.477e+04
					0.0	-1688.45	145.19	1555.63	-2.334e+04	4.016e+04	2.008e+04
					21.0	-1694.73	39.99	1555.63	-2.334e+04	7.200e+04	2.421e+04
					42.0	-1701.01	-65.37	1555.63	-2.334e+04	1.038e+05	2.613e+04
					0.0	315.42	408.20	-226.51	-9452.93	-6.725e+04	1.119e+04
					21.0	309.14	303.00	-226.51	-9452.93	-7.096e+04	1.597e+04
					42.0	302.86	197.64	-226.51	-9452.93	-7.466e+04	1.855e+04
					0.0	-1015.35	178.28	1294.73	-2.606e+04	7986.36	1.924e+04
					21.0	-1021.63	73.08	1294.73	-2.606e+04	3.451e+04	2.509e+04
					42.0	-1027.91	-32.28	1294.73	-2.606e+04	6.103e+04	2.873e+04
					0.0	-48.02	320.42	354.83	-1.723e+04	-4.424e+04	1.439e+04
					21.0	-54.30	215.22	354.83	-1.723e+04	-3.641e+04	2.011e+04
					42.0	-60.58	109.86	354.83	-1.723e		

		1.435e+04	-4.412e+04	8.02e-04	0.0	21.0	-44.58	216.74	357.07	-1.710e+04	-3.621e+04	2.007e+04
						42.0	-50.86	111.38	357.07	-1.710e+04	-2.829e+04	2.357e+04
75	50	2.415e+04	5.583e+04	5.09e-03	-210.56	0.0	-1174.48	212.52	1076.36	-1.991e+04	1.139e+04	1.776e+04
		1.776e+04	1.139e+04	-6.49e-05	0.0	21.0	-1180.75	107.32	1076.36	-1.991e+04	3.361e+04	2.206e+04
						42.0	-1187.03	1.96	1076.36	-1.991e+04	5.583e+04	2.415e+04
75	59	2.070e+04	-2.773e+04	4.24e-03	-210.56	0.0	-234.05	335.23	244.28	-1.339e+04	-3.896e+04	1.365e+04
		1.365e+04	-3.896e+04	5.17e-04	0.0	21.0	-240.32	230.03	244.28	-1.339e+04	-3.335e+04	1.828e+04
						42.0	-246.61	124.67	244.28	-1.339e+04	-2.773e+04	2.070e+04
75	60	2.536e+04	3.546e+04	5.00e-03	-210.56	0.0	-853.31	228.19	952.97	-2.119e+04	-3937.82	1.738e+04
		1.738e+04	-3937.82	2.45e-04	0.0	21.0	-859.59	122.99	952.97	-2.119e+04	1.576e+04	2.248e+04
						42.0	-865.87	17.63	952.97	-2.119e+04	3.546e+04	2.536e+04
75	67	2.352e+04	-2.503e+04	4.39e-03	-210.56	0.0	-104.54	316.23	380.27	-1.720e+04	-4.170e+04	1.451e+04
		1.451e+04	-4.170e+04	7.47e-04	0.0	21.0	-110.81	211.03	380.27	-1.720e+04	-3.336e+04	2.012e+04
						42.0	-117.10	105.67	380.27	-1.720e+04	-2.503e+04	2.352e+04
75	70	2.151e+04	5.194e+04	5.00e-03	-210.56	0.0	-1345.28	225.08	930.86	-1.667e+04	1.361e+04	1.708e+04
		1.708e+04	1.361e+04	-3.18e-04	0.0	21.0	-1351.55	119.88	930.86	-1.667e+04	3.278e+04	2.040e+04
						42.0	-1357.83	14.52	930.86	-1.667e+04	5.194e+04	2.151e+04
75	71	2.348e+04	-2.477e+04	4.38e-03	-210.56	0.0	-95.64	317.62	382.32	-1.708e+04	-4.159e+04	1.447e+04
		1.447e+04	-4.159e+04	7.53e-04	0.0	21.0	-101.91	212.42	382.32	-1.708e+04	-3.318e+04	2.008e+04
						42.0	-108.20	107.06	382.32	-1.708e+04	-2.477e+04	2.348e+04
75	82	2.401e+04	5.227e+04	5.05e-03	-210.56	0.0	-1136.17	217.53	1040.90	-1.965e+04	9247.42	1.759e+04
		1.759e+04	9247.42	-4.53e-05	0.0	21.0	-1142.45	112.33	1040.90	-1.965e+04	3.076e+04	2.191e+04
						42.0	-1148.73	6.97	1040.90	-1.965e+04	5.227e+04	2.401e+04
75	91	2.085e+04	-2.424e+04	4.28e-03	-210.56	0.0	-275.07	329.80	279.11	-1.369e+04	-3.686e+04	1.383e+04
		1.383e+04	-3.686e+04	4.91e-04	0.0	21.0	-281.34	224.60	279.11	-1.369e+04	-3.055e+04	1.845e+04
						42.0	-287.63	119.24	279.11	-1.369e+04	-2.424e+04	2.085e+04
75	92	2.512e+04	3.361e+04	4.97e-03	-210.56	0.0	-841.98	231.84	927.90	-2.082e+04	-4791.74	1.725e+04
		1.725e+04	-4791.74	2.42e-04	0.0	21.0	-848.25	126.64	927.90	-2.082e+04	1.441e+04	2.229e+04
						42.0	-854.53	21.28	927.90	-2.082e+04	3.361e+04	2.512e+04
76	5	2.260e+05	2.229e+04	-0.26	-6279.13	0.0	-3648.94	2505.30	93.70	-1.989e+04	-3.874e+04	-1.058e+05
		-4.507e+05	-3.874e+04	-0.02	0.0	307.3	-3648.94	-558.72	93.70	-1.989e+04	-8225.08	2.125e+05
						614.5	-3648.94	-3773.83	93.70	-1.989e+04	2.229e+04	-4.507e+05
76	8	2.315e+05	-6988.50	-0.30	-6279.13	0.0	-1972.63	2707.84	48.68	5058.73	-3.346e+04	1.520e+05
		-3.789e+05	-3.346e+04	0.02	0.0	307.3	-1972.63	-356.18	48.68	5058.73	-2.022e+04	2.253e+05
						614.5	-1972.63	-3571.29	48.68	5058.73	-6988.50	-3.789e+05
76	14	2.243e+05	1.499e+04	-0.25	-6279.13	0.0	-3187.64	2503.14	94.94	-2.564e+04	-4.026e+04	-1.042e+05
		-4.569e+05	-4.026e+04	-0.03	0.0	307.3	-3187.64	-560.88	94.94	-2.564e+04	-1.264e+04	2.102e+05
						614.5	-3187.64	-3775.99	94.94	-2.564e+04	1.499e+04	-4.569e+05
76	27	2.351e+05	9633.87	-0.30	-6279.13	0.0	-2932.29	2619.46	50.95	5075.17	-3.268e+04	-1.308e+05
		-3.979e+05	-3.268e+04	-3.79e-03	0.0	307.3	-2932.29	-444.55	50.95	5075.17	-1.152e+04	2.264e+05
						614.5	-2932.29	-3659.66	50.95	5075.17	9633.87	-3.979e+05
76	37	2.274e+05	1.461e+04	-0.27	-6279.13	0.0	-3204.96	2558.27	82.00	-1.339e+04	-3.736e+04	-1.179e+05
		-4.319e+05	-3.736e+04	-0.01	0.0	307.3	-3204.96	-505.75	82.00	-1.339e+04	-1.138e+04	2.158e+05
						614.5	-3204.96	-3720.86	82.00	-1.339e+04	1.461e+04	-4.319e+05
76	40	2.301e+05	693.54	-0.29	-6279.13	0.0	-2416.61	2654.87	60.38	-1433.79	-3.484e+04	-1.399e+05
		-3.976e+05	-3.484e+04	8.35e-03	0.0	307.3	-2416.61	-409.15	60.38	-1433.79	-1.707e+04	2.219e+05
						614.5	-2416.61	-3624.26	60.38	-1433.79	693.54	-3.976e+05
76	46	2.266e+05	1.117e+04	-0.27	-6279.13	0.0	-2988.29	2557.20	82.40	-1.608e+04	-3.805e+04	-1.171e+05
		-4.349e+05	-3.805e+04	-0.02	0.0	307.3	-2988.29	-506.81	82.40	-1.608e+04	-1.344e+04	2.147e+05
						614.5	-2988.29	-3721.92	82.40	-1.608e+04	1.117e+04	-4.349e+05
76	59	2.317e+05	8483.39	-0.29	-6279.13	0.0	-2861.95	2612.84	61.73	-1541.14	-3.449e+04	-1.299e+05
		-4.068e+05	-3.449e+04	-4.09e-03	0.0	307.3	-2861.95	-451.17	61.73	-1541.14	-1.300e+04	2.224e+05
						614.5	-2861.95	-3666.28	61.73	-1541.14	8483.39	-4.068e+05
76	69	2.276e+05	1.402e+04	-0.27	-6279.13	0.0	-3171.73	2562.32	81.09	-1.289e+04	-3.725e+04	-1.188e+05
		-4.305e+05	-3.725e+04	-0.01	0.0	307.3	-3171.73	-501.69	81.09	-1.289e+04	-1.161e+04	2.160e+05
						614.5	-3171.73	-3716.80	81.09	-1.289e+04	1.402e+04	-4.305e+05
76	72	2.300e+05	1278.27	-0.29	-6279.13	0.0	-2449.84	2650.81	61.29	-1935.22	-3.494e+04	-1.390e+05
		-3.991e+05	-3.494e+04	7.87e-03	0.0	307.3	-2449.84	-413.20	61.29	-1935.22	-1.683e+04	2.217e+05
						614.5	-2449.84	-3628.32	61.29	-1935.22	1278.27	-3.991e+05
76	78	2.268e+05	1.087e+04	-0.27	-6279.13	0.0	-2973.34	2561.35	81.46	-1.535e+04	-3.789e+04	-1.181e+05
		-4.332e+05	-3.789e+04	-0.01	0.0	307.3	-2973.34	-502.67	81.46	-1.535e+04	-1.351e+04	2.151e+05
						614.5	-2973.34	-3717.78	81.46	-1.535e+04	1.087e+04	-4.332e+05
76	91	2.315e+05	8410.80	-0.29	-6279.13	0.0	-2857.49	2612.32	62.53	-2036.19	-3.463e+04	-1.298e+05
		-4.074e+05	-3.463e+04	-4.12e-03	0.0	307.3	-2857.49	-451.70	62.53	-2036.19	-1.311e+04	2.221e+05
						614.5	-2857.49	-3666.81	62.53	-2036.19	8410.80	-4.074e+05
77	5	2.193e+04	2.231e+04	-4.58e-03	-501.04	0.0	3276.28	-775.65	-273.93	-6338.27	2.231e+04	2.193e+04
		-2.255e+04	9053.03	-1.51e-03	0.0	23.7	3276.28	-1025.78	-273.93	-6338.27	1.568e+04	2662.81
						47.5	3276.28	-1276.69	-273.93	-6338.27	9053.03	-2.255e+04
77	8	1.970e+04	3.575e+04	0.01	-501.04	0.0	6344.60	-711.87	624.89	2.418e+04	1392.18	1.970e+04
		-3.023e+04	1392.18	-4.75e-04	0.0	23.7	6344.60	-961.99	624.89	2.418e+04	1.857e+04	-2290.05
						47.5	6344.60	-1212.91	624.89	2.418e+04	3.575e+04	-3.023e+04
77	14	2.253e+04	1.598e+04	-5.67e-03	-501.04	0.0	4007.20	-630.13	-415.10	-1.472e+04	1.598e+04	2.253e+04
		-1.981e+04	-374.77	-2.14e-03	0.0	23.7	4007.20	-880.25	-415.10	-1.472e+04	7802.85	4332.65
						47.5	4007.20	-1131.17	-415.10	-1.472e+04	-374.77	-1.981e+04
77	16	1.939e+04	2.970e+04	0.01	-501.04	0.0	6007.96	-908.02	431.08	2.669e+04	4192.03	1.939e+04
		-3.544e+04	4192.03	4.16e-04	0.0	23.7	6007.96	-1158.15	431.08	2.669e+04	1.694e+04	-5051.51
						47.5	6007.96	-1409.06	431.08	2.669e+04	2.970e+04	-3.544e+04

77	26	2.167e+04	8574.44	2.17e-04	-501.04	0.0	5066.47	-845.30	-567.88	-6312.25	8574.44	2.167e+04
		-2.973e+04	-9732.94	-6.65e-04	0.0	23.7	5066.47	-1095.43	-567.88	-6312.25	-579.25	-1053.80
						47.5	5066.47	-1346.34	-567.88	-6312.25	-9732.94	-2.973e+04
77	27	1.996e+04	5.454e+04	8.41e-03	-501.04	0.0	4554.41	-642.22	918.84	2.416e+04	1.513e+04	1.996e+04
		-2.305e+04	1.513e+04	-1.32e-03	0.0	23.7	4554.41	-892.35	918.84	2.416e+04	3.484e+04	1426.57
						47.5	4554.41	-1143.26	918.84	2.416e+04	5.454e+04	-2.305e+04
77	37	2.134e+04	1.681e+04	7.19e-05	-501.04	0.0	4090.69	-758.31	-40.70	1610.04	1.681e+04	2.134e+04
		-2.462e+04	1.597e+04	-1.24e-03	0.0	23.7	4090.69	-1008.44	-40.70	1610.04	1.639e+04	1335.68
						47.5	4090.69	-1259.36	-40.70	1610.04	1.597e+04	-2.462e+04
77	40	2.029e+04	2.884e+04	8.55e-03	-501.04	0.0	5530.20	-729.20	391.66	1.623e+04	6897.87	2.029e+04
		-2.816e+04	6897.87	-7.49e-04	0.0	23.7	5530.20	-979.33	391.66	1.623e+04	1.787e+04	-962.92
						47.5	5530.20	-1230.24	391.66	1.623e+04	2.884e+04	-2.816e+04
77	46	2.163e+04	1.384e+04	-4.52e-04	-501.04	0.0	4433.58	-690.02	-103.78	-2320.64	1.384e+04	2.163e+04
		-2.327e+04	1.165e+04	-1.54e-03	0.0	23.7	4433.58	-940.15	-103.78	-2320.64	1.275e+04	2153.24
						47.5	4433.58	-1191.07	-103.78	-2320.64	1.165e+04	-2.327e+04
77	48	2.014e+04	2.593e+04	8.70e-03	-501.04	0.0	5366.71	-821.10	298.46	1.743e+04	8254.32	2.014e+04
		-3.067e+04	8254.32	-3.22e-04	0.0	23.7	5366.71	-1071.22	298.46	1.743e+04	1.709e+04	-2289.93
						47.5	5366.71	-1322.14	298.46	1.743e+04	2.593e+04	-3.067e+04
77	59	2.041e+04	3.745e+04	6.26e-03	-501.04	0.0	4700.44	-696.51	524.23	1.609e+04	1.329e+04	2.041e+04
		-2.483e+04	1.329e+04	-1.15e-03	0.0	23.7	4700.44	-946.64	524.23	1.609e+04	2.884e+04	767.10
						47.5	4700.44	-1197.55	524.23	1.609e+04	3.745e+04	-2.483e+04
77	69	2.130e+04	1.650e+04	4.17e-04	-501.04	0.0	4151.40	-757.08	-22.59	2223.34	1.639e+04	2.130e+04
		-2.477e+04	1.639e+04	-1.22e-03	0.0	23.7	4151.40	-1007.21	-22.59	2223.34	1.645e+04	1238.44
						47.5	4151.40	-1258.12	-22.59	2223.34	1.650e+04	-2.477e+04
77	72	2.033e+04	2.830e+04	8.20e-03	-501.04	0.0	5469.48	-730.44	373.54	1.562e+04	7314.70	2.033e+04
		-2.801e+04	7314.70	-7.69e-04	0.0	23.7	5469.48	-980.57	373.54	1.562e+04	1.781e+04	-865.68
						47.5	5469.48	-1231.48	373.54	1.562e+04	2.830e+04	-2.801e+04
77	78	2.156e+04	1.367e+04	-7.59e-05	-501.04	0.0	4465.37	-694.55	-80.27	-1375.77	1.367e+04	2.156e+04
		-2.353e+04	1.256e+04	-1.49e-03	0.0	23.7	4465.37	-944.68	-80.27	-1375.77	1.312e+04	1987.83
						47.5	4465.37	-1195.59	-80.27	-1375.77	1.256e+04	-2.353e+04
77	80	2.020e+04	2.564e+04	8.33e-03	-501.04	0.0	5319.65	-814.58	288.16	1.671e+04	8557.72	2.020e+04
		-3.031e+04	8557.72	-3.79e-04	0.0	23.7	5319.65	-1064.71	288.16	1.671e+04	1.710e+04	-2081.48
						47.5	5319.65	-1315.62	288.16	1.671e+04	2.564e+04	-3.031e+04
77	91	2.045e+04	3.618e+04	6.09e-03	-501.04	0.0	4709.96	-700.51	494.81	1.549e+04	1.316e+04	2.045e+04
		-2.496e+04	1.316e+04	-1.14e-03	0.0	23.7	4709.96	-950.63	494.81	1.549e+04	2.467e+04	718.08
						47.5	4709.96	-1201.55	494.81	1.549e+04	3.618e+04	-2.496e+04
78	10	2.244e+05	1.804e+05	-0.14	-8715.66	0.0	3860.46	4144.13	-347.07	2.003e+04	1.804e+05	-3.205e+05
		-4.390e+05	-1.049e+04	0.06	0.0	277.3	3860.46	-213.76	-347.07	2.003e+04	8.498e+04	2.244e+05
						554.5	3860.46	-4571.53	-347.07	2.003e+04	-1.049e+04	-4.390e+05
78	13	2.239e+05	1.588e+05	-0.14	-8715.66	0.0	4481.85	4168.66	-304.62	1.304e+04	1.588e+05	-3.278e+05
		-4.327e+05	-1.273e+04	0.06	0.0	277.3	4481.85	-189.23	-304.62	1.304e+04	7.305e+04	2.239e+05
						554.5	4481.85	-4547.00	-304.62	1.304e+04	-1.273e+04	-4.327e+05
78	14	2.244e+05	1.849e+05	-0.14	-8715.66	0.0	3752.78	4143.02	-356.02	2.018e+04	1.849e+05	-3.202e+05
		-4.394e+05	-9987.08	0.06	0.0	277.3	3752.78	-214.87	-356.02	2.018e+04	8.744e+04	2.244e+05
						554.5	3752.78	-4572.64	-356.02	2.018e+04	-9987.08	-4.394e+05
78	15	2.219e+05	2.030e+04	-0.15	-8715.66	0.0	-5186.26	4785.26	346.08	-4.516e+04	-1.690e+05	-5.061e+05
		-5.061e+05	-1.690e+05	-0.05	0.0	277.3	-5186.26	427.37	346.08	-4.516e+04	7.437e+04	2.166e+05
						554.5	-5186.26	-3930.39	346.08	-4.516e+04	2.030e+04	-2.691e+05
78	16	2.215e+05	2.304e+04	-0.15	-8715.66	0.0	-5915.33	4759.62	294.68	-3.802e+04	-1.430e+05	-4.985e+05
		-4.985e+05	-1.430e+05	-0.05	0.0	277.3	-5915.33	401.73	294.68	-3.802e+04	-5.998e+04	2.170e+05
						554.5	-5915.33	-3956.03	294.68	-3.802e+04	2.304e+04	-2.757e+05
78	42	2.223e+05	9.013e+04	-0.14	-8715.66	0.0	1469.96	4311.56	-168.00	2990.00	9.013e+04	-3.690e+05
		-3.947e+05	-2310.91	0.04	0.0	277.3	1469.96	-46.33	-168.00	2990.00	4.391e+04	2.223e+05
						554.5	1469.96	-4404.10	-168.00	2990.00	-2310.91	-3.947e+05
78	45	2.221e+05	7.997e+04	-0.14	-8715.66	0.0	1761.52	4323.10	-148.04	-269.27	7.997e+04	-3.724e+05
		-3.917e+05	-3365.13	0.04	0.0	277.3	1761.52	-34.79	-148.04	-269.27	3.830e+04	2.221e+05
						554.5	1761.52	-4392.56	-148.04	-269.27	-3365.13	-3.917e+05
78	46	2.223e+05	9.223e+04	-0.14	-8715.66	0.0	1417.71	4310.97	-172.24	3064.50	9.223e+04	-3.688e+05
		-3.948e+05	-2070.85	0.04	0.0	277.3	1417.71	-46.92	-172.24	3064.50	4.508e+04	2.223e+05
						554.5	1417.71	-4404.68	-172.24	3064.50	-2070.85	-3.948e+05
78	47	2.186e+05	1.239e+04	-0.15	-8715.66	0.0	-2851.19	4617.31	162.30	-2.804e+04	-7.640e+04	-4.575e+05
		-4.575e+05	-7.640e+04	-0.02	0.0	277.3	-2851.19	259.42	162.30	-2.804e+04	-3.201e+04	2.186e+05
						554.5	-2851.19	-4098.35	162.30	-2.804e+04	1.239e+04	-3.136e+05
78	48	2.188e+05	1.368e+04	-0.15	-8715.66	0.0	-3195.00	4605.19	138.10	-2.470e+04	-6.414e+04	-4.539e+05
		-4.539e+05	-6.414e+04	-0.02	0.0	277.3	-3195.00	247.30	138.10	-2.470e+04	-2.523e+04	2.188e+05
						554.5	-3195.00	-4110.47	138.10	-2.470e+04	1.368e+04	-3.168e+05
78	74	2.222e+05	8.322e+04	-0.14	-8715.66	0.0	1286.41	4324.37	-154.30	1689.65	8.322e+04	-3.727e+05
		-3.913e+05	-1683.86	0.03	0.0	277.3	1286.41	-33.52	-154.30	1689.65	4.077e+04	2.222e+05
						554.5	1286.41	-4391.29	-154.30	1689.65	-1683.86	-3.913e+05
78	77	2.220e+05	7.392e+04	-0.14	-8715.66	0.0	1553.37	4334.94	-136.03	-1294.27	7.392e+04	-3.758e+05
		-3.885e+05	-2649.27	0.03	0.0	277.3	1553.37	-22.95	-136.03	-1294.27	3.564e+04	2.220e+05
						554.5	1553.37	-4380.72	-136.03	-1294.27	-2649.27	-3.885e+05
78	78	2.222e+05	8.515e+04	-0.14	-8715.66	0.0	1238.53	4323.84	-158.19	1757.89	8.515e+04	-3.725e+05
		-3.914e+05	-1463.97	0.03	0.0	277.3	1238.53	-34.06	-158.19	1757.89	4.184e+04	2.222e+05
						554.5	1238.53	-4391.82	-158.19	1757.89	-1463.97	-3.914e+05
78	79	2.188e+05	1.178e+04	-0.15	-8715.66	0.0	-2672.01	4604.45	148.25	-2.673e+04	-6.932e+04	-4.538e+05
		-4.538e+05	-6.932e+04	-0.02	0.0	277.3	-2672.01	246.56	148.25	-2.673e+04	-2.877e+04	2.188e+05

78	80	2.190e+05	1.296e+04	-0.15	-8715.66	554.5	-2672.01	-4111.21	148.25	-2.673e+04	1.178e+04	-3.170e+05
		-4.505e+05	-5.809e+04	-0.02	0.0	0.0	-2986.85	4593.35	126.09	-2.368e+04	-5.809e+04	-4.505e+05
81	6	1.789e+05	-1.293e+04	-0.09	-7176.76	277.3	-2986.85	235.45	126.09	-2.368e+04	-2.257e+04	2.190e+05
		-2.506e+05	-8.001e+04	4.39e-03	0.0	554.5	-2986.85	-4122.31	126.09	-2.368e+04	1.296e+04	-3.199e+05
81	7	1.454e+05	3.932e+04	-0.08	-7176.76	0.0	-1.755e+04	3652.36	-145.27	3.550e+04	-1.293e+04	-2.506e+05
		-3.844e+05	1.630e+04	4.11e-03	0.0	234.4	-1.739e+04	24.63	-145.27	3.550e+04	-4.647e+04	1.789e+05
81	38	1.686e+05	-5280.11	-0.08	-7176.76	468.9	-1.723e+04	-3524.40	-145.27	3.550e+04	-8.001e+04	-2.329e+05
		-2.856e+05	-4.877e+04	3.26e-03	0.0	0.0	2.106e+04	4054.87	51.31	-1.557e+04	1.630e+04	-3.844e+05
81	39	1.526e+05	8646.78	-0.08	-7176.76	234.4	2.122e+04	427.15	51.31	-1.557e+04	2.781e+04	1.394e+05
		-3.495e+05	8081.67	3.23e-03	0.0	468.9	2.138e+04	-3121.89	51.31	-1.557e+04	3.932e+04	-1.780e+05
81	43	1.528e+05	8760.37	-0.08	-7176.76	0.0	-7455.58	3757.55	-93.73	2.212e+04	-5280.11	-2.856e+05
		-3.492e+05	1476.42	2.91e-03	0.0	234.4	-7292.94	129.83	-93.73	2.212e+04	-2.703e+04	1.686e+05
81	70	1.678e+05	-4695.21	-0.08	-7176.76	468.9	-7133.84	-3419.20	-93.73	2.212e+04	-4.877e+04	-2.186e+05
		-2.882e+05	-4.638e+04	3.18e-03	0.0	0.0	1.096e+04	3949.67	-0.23	-2187.94	8646.78	-3.495e+05
81	71	1.532e+05	8061.87	-0.08	-7176.76	234.4	1.113e+04	321.95	-0.23	-2187.94	8364.23	1.497e+05
		-3.468e+05	5693.78	3.16e-03	0.0	468.9	1.129e+04	-3227.08	-0.23	-2187.94	8081.67	-1.923e+05
81	75	1.534e+05	8165.75	-0.08	-7176.76	0.0	1.048e+04	3949.50	-14.47	-2866.34	8760.37	-3.492e+05
		-3.465e+05	-357.67	2.87e-03	0.0	234.4	1.064e+04	321.78	-14.47	-2866.34	5118.39	1.500e+05
82	6	3.099e+05	9618.93	-0.25	-9722.80	468.9	1.080e+04	-3227.25	-14.47	-2866.34	1476.42	-1.921e+05
		-6.377e+05	-2.202e+05	0.02	0.0	0.0	-6682.17	3765.62	-89.80	2.110e+04	-4695.21	-2.882e+05
82	7	3.133e+05	7.777e+04	-0.29	-9722.80	234.4	-6519.54	137.90	-89.80	2.110e+04	-2.554e+04	1.678e+05
		-5.172e+05	-3.411e+05	-0.02	0.0	468.9	-6360.43	-3411.14	-89.80	2.110e+04	-4.638e+04	-2.175e+05
82	15	3.134e+05	2.874e+04	-0.29	-9722.80	0.0	1.019e+04	3941.61	-4.16	-1166.75	8061.87	-3.468e+05
		-5.176e+05	-3.232e+05	0.02	0.0	234.4	1.035e+04	313.88	-4.16	-1166.75	6877.33	1.505e+05
82	38	3.106e+05	2.754e+04	-0.26	-9722.80	468.9	1.051e+04	-3235.15	-4.16	-1166.75	5693.78	-1.934e+05
		-6.062e+05	-2.519e+05	0.02	0.0	0.0	9748.62	3941.45	-17.21	-1788.02	8165.75	-3.465e+05
82	39	3.117e+05	5.984e+04	-0.28	-9722.80	234.4	9911.26	313.72	-17.21	-1788.02	3904.04	1.507e+05
		-5.487e+05	-3.095e+05	0.02	0.0	468.9	1.007e+04	-3235.31	-17.21	-1788.02	-357.67	-1.933e+05
82	43	3.118e+05	3.635e+04	-0.28	-9722.80	0.0	-1789.46	4256.67	374.90	-3283.39	-2.202e+05	-2.882e+05
		-5.490e+05	-3.001e+05	0.02	0.0	307.3	-1789.46	-618.68	374.90	-3283.39	-1.053e+05	2.979e+05
82	70	3.106e+05	2.890e+04	-0.26	-9722.80	614.5	-1789.46	-5466.13	374.90	-3283.39	9618.93	-6.377e+05
		-6.038e+05	-2.543e+05	0.02	0.0	0.0	1.162e+04	4598.27	680.78	2.401e+04	-3.411e+05	-3.498e+05
82	71	3.116e+05	5.849e+04	-0.28	-9722.80	307.3	1.162e+04	-277.07	680.78	2.401e+04	-1.317e+05	3.133e+05
		-5.511e+05	-3.070e+05	0.02	0.0	614.5	1.162e+04	-5124.53	680.78	2.401e+04	7.777e+04	-5.172e+05
82	75	3.117e+05	3.697e+04	-0.28	-9722.80	0.0	9659.36	4596.69	642.47	2.383e+04	-3.232e+05	-3.493e+05
		-5.514e+05	-2.985e+05	0.02	0.0	307.3	9659.36	-278.65	642.47	2.383e+04	-1.472e+05	3.134e+05
83	17	-1.253e+05	5.515e+04	-0.02	-214.40	614.5	9659.36	-5126.11	642.47	2.383e+04	-2.874e+04	-5.176e+05
		-2.009e+05	2.686e+04	2.66e-03	0.0	0.0	1716.75	4345.93	455.13	3870.49	-2.519e+05	-2.837e+05
83	18	-1.506e+05	1.408e+04	-0.02	-214.40	307.3	1716.75	-529.41	455.13	3870.49	-1.122e+05	3.019e+05
		-1.734e+05	-3.360e+04	1.69e-04	0.0	614.5	1716.75	-5376.86	455.13	3870.49	2.754e+04	-6.062e+05
83	20	-1.458e+05	2.494e+04	-0.02	-214.40	0.0	8111.71	4509.00	600.55	1.686e+04	-3.095e+05	-3.264e+05
		-1.679e+05	-1.701e+04	2.86e-04	0.0	307.3	8111.71	-366.34	600.55	1.686e+04	-1.248e+05	3.093e+05
83	25	-1.245e+05	5.565e+04	-0.02	-214.40	614.5	8111.70	-5213.80	600.55	1.686e+04	5.984e+04	-5.487e+05
		-2.017e+05	2.659e+04	2.42e-03	0.0	0.0	7125.20	4507.87	580.28	1.674e+04	-3.001e+05	-3.261e+05
83	27	-1.197e+05	6.651e+04	-0.01	-214.40	307.3	7125.19	-367.48	580.28	1.674e+04	-1.319e+05	3.093e+05
		-1.962e+05	4.318e+04	2.54e-03	0.0	614.5	7125.19	-5214.93	580.28	1.674e+04	3.635e+04	-5.490e+05
83	49	-1.307e+05	4.704e+04	-0.02	-214.40	0.0	1985.27	4352.78	461.24	4416.13	-2.543e+05	-2.855e+05
		-1.922e+05	1.506e+04	2.02e-03	0.0	307.3	1985.27	-522.56	461.24	4416.13	-1.127e+05	3.022e+05
83	50	-1.426e+05	2.788e+04	-0.02	-214.40	614.5	1985.26	-5370.02	461.24	4416.13	2.890e+04	-6.038e+05
		-1.792e+05	-1.312e+04	8.70e-04	0.0	0.0	7843.20	4502.16	594.44	1.631e+04	-3.070e+05	-3.246e+05
83	52	-1.404e+05	3.306e+04	-0.02	-214.40	307.3	7843.19	-373.18	594.44	1.631e+04	-1.243e+05	3.090e+05
						614.5	7843.19	-5220.64	594.44	1.631e+04	5.849e+04	-5.511e+05
						0.0	6939.32	4501.11	575.85	1.620e+04	-2.985e+05	-3.243e+05
						307.3	6939.32	-374.23	575.85	1.620e+04	-1.308e+05	3.090e+05
						614.5	6939.32	-5221.69	575.85	1.620e+04	3.697e+04	-5.514e+05
						0.0	-3097.88	898.93	-643.86	-580.80	5.515e+04	-2.009e+05
						21.0	-3104.26	791.81	-643.86	-580.80	4.101e+04	-1.620e+05
						42.0	-3110.66	684.52	-643.86	-580.80	2.686e+04	-1.253e+05
						0.0	-321.14	749.18	-1183.95	1.935e+04	1.408e+04	-1.734e+05
						21.0	-327.52	642.06	-1183.95	1.935e+04	-9760.01	-1.608e+05
						42.0	-333.92	534.78	-1183.95	1.935e+04	-3.360e+04	-1.506e+05
						0.0	-29.61	791.71	-1044.14	2.653e+04	2.494e+04	-1.679e+05
						21.0	-36.00	684.59	-1044.14	2.653e+04	3963.22	-1.557e+05
						42.0	-42.40	577.31	-1044.14	2.653e+04	-1.701e+04	-1.458e+05
						0.0	-3041.05	897.65	-652.46	2.065e+04	5.565e+04	-2.017e+05
						21.0	-3047.44	790.53	-652.46	2.065e+04	4.112e+04	-1.619e+05
						42.0	-3053.84	683.25	-652.46	2.065e+04	2.659e+04	-1.245e+05
						0.0	-2749.53	940.18	-512.65	2.783e+04	6.651e+04	-1.962e+05
						21.0	-2755.92	833.06	-512.65	2.783e+04	5.485e+04	-1.568e+05
						42.0	-2762.32	725.78	-512.65	2.783e+04	4.318e+04	-1.197e+05
						0.0	-2278.10	869.91	-751.36	6606.97	4.704e+04	-1.922e+05
						21.0	-2284.48	762.78	-751.36	6606.97	3.105e+04	-1.603e+05
						42.0	-2290.88	655.50	-751.36	6606.97	1.506e+04	-1.307e+05
						0.0	-985.20	800.50	-1003.21	1.592e+04	2.788e+04	-1.792e+05
						21.0	-991.59	693.38	-1003.21	1.592e+04	7382.21	-1.598e+05
						42.0	-997.98	586.09	-1003.21	1.592e+04	-1.312e+04	-1.426e+05
						0.0	-849.39	820.73	-936.64	1.934e+04	3.306e+04	-1.766e+05

		-1.766e+05	-5214.56	9.25e-04	0.0	21.0	-855.78	713.61	-936.64	1.934e+04	1.392e+04	-1.573e+05
						42.0	-862.18	606.33	-936.64	1.934e+04	-5214.56	-1.404e+05
83	57	-1.303e+05	4.728e+04	-0.02	-214.40	0.0	-2251.03	869.32	-755.36	1.653e+04	4.728e+04	-1.926e+05
		-1.926e+05	1.495e+04	1.91e-03	0.0	21.0	-2257.42	762.20	-755.36	1.653e+04	3.111e+04	-1.603e+05
						42.0	-2263.81	654.92	-755.36	1.653e+04	1.495e+04	-1.303e+05
83	59	-1.281e+05	5.245e+04	-0.02	-214.40	0.0	-2115.22	889.55	-688.79	1.996e+04	5.245e+04	-1.899e+05
		-1.899e+05	2.285e+04	1.97e-03	0.0	21.0	-2121.61	782.43	-688.79	1.996e+04	3.765e+04	-1.579e+05
						42.0	-2128.01	675.15	-688.79	1.996e+04	2.285e+04	-1.281e+05
83	81	-1.311e+05	4.644e+04	-0.02	-214.40	0.0	-2217.70	867.72	-759.20	7144.18	4.644e+04	-1.915e+05
		-1.915e+05	1.420e+04	1.97e-03	0.0	21.0	-2224.09	760.60	-759.20	7144.18	3.032e+04	-1.602e+05
						42.0	-2230.49	653.32	-759.20	7144.18	1.420e+04	-1.311e+05
83	82	-1.420e+05	2.891e+04	-0.02	-214.40	0.0	-1034.11	804.42	-989.75	1.567e+04	2.891e+04	-1.796e+05
		-1.796e+05	-1.159e+04	9.21e-04	0.0	21.0	-1040.50	697.30	-989.75	1.567e+04	8656.89	-1.597e+05
						42.0	-1046.89	590.02	-989.75	1.567e+04	-1.159e+04	-1.420e+05
83	84	-1.400e+05	3.365e+04	-0.02	-214.40	0.0	-909.78	822.92	-928.79	1.880e+04	3.365e+04	-1.773e+05
		-1.773e+05	-4355.80	9.72e-04	0.0	21.0	-916.17	715.79	-928.79	1.880e+04	1.465e+04	-1.575e+05
						42.0	-922.57	608.51	-928.79	1.880e+04	-4355.80	-1.400e+05
83	89	-1.308e+05	4.667e+04	-0.02	-214.40	0.0	-2192.91	867.19	-762.86	1.623e+04	4.667e+04	-1.918e+05
		-1.918e+05	1.410e+04	1.87e-03	0.0	21.0	-2199.30	760.07	-762.86	1.623e+04	3.038e+04	-1.602e+05
						42.0	-2205.70	652.79	-762.86	1.623e+04	1.410e+04	-1.308e+05
83	91	-1.287e+05	5.141e+04	-0.02	-214.40	0.0	-2068.59	885.68	-701.90	1.937e+04	5.141e+04	-1.895e+05
		-1.895e+05	2.133e+04	1.92e-03	0.0	21.0	-2074.97	778.56	-701.90	1.937e+04	3.637e+04	-1.580e+05
						42.0	-2081.37	671.28	-701.90	1.937e+04	2.133e+04	-1.287e+05
84	1	-7306.74	-346.24	4.44e-03	-494.05	0.0	-2257.81	-1105.35	195.01	5843.39	-1.022e+04	-7306.74
		-6.055e+04	-1.022e+04	-4.41e-03	0.0	20.4	2257.81	-1352.00	195.01	5843.39	-5284.15	-3.141e+04
						40.8	2257.81	-1599.40	195.01	5843.39	-346.24	-6.055e+04
84	2	-8583.78	1423.47	5.81e-03	-494.05	0.0	2695.30	-1138.95	277.19	4270.36	-8290.90	-8583.78
		-6.246e+04	-8290.90	-5.18e-03	0.0	20.4	2695.30	-1385.61	277.19	4270.36	-3433.71	-3.300e+04
						40.8	2695.30	-1633.01	277.19	4270.36	1423.47	-6.246e+04
84	3	-1.696e+04	1.003e+04	3.51e-03	-494.05	0.0	-2559.70	-1251.03	-402.70	3.635e+04	1.003e+04	-1.696e+04
		-7.571e+04	-4798.66	5.07e-03	0.0	20.4	-2559.70	-1497.68	-402.70	3.635e+04	2616.10	-4.382e+04
						40.8	-2559.70	-1745.08	-402.70	3.635e+04	-4798.66	-7.571e+04
84	4	-1.824e+04	1.196e+04	4.88e-03	-494.05	0.0	-2122.20	-1284.63	-320.51	3.478e+04	1.196e+04	-1.824e+04
		-7.762e+04	-3028.95	4.31e-03	0.0	20.4	-2122.20	-1531.29	-320.51	3.478e+04	4466.53	-4.541e+04
						40.8	-2122.20	-1778.69	-320.51	3.478e+04	-3028.95	-7.762e+04
84	6	-7288.58	1297.48	5.28e-03	-494.05	0.0	2692.91	-1139.82	272.57	4042.70	-8395.10	-7288.58
		-6.254e+04	-8395.10	-5.16e-03	0.0	20.4	2692.91	-1386.47	272.57	4042.70	-3548.81	-3.240e+04
						40.8	2692.91	-1633.87	272.57	4042.70	1297.48	-6.254e+04
84	8	-1.694e+04	1.186e+04	4.35e-03	-494.05	0.0	-2124.59	-1285.50	-325.13	3.455e+04	1.186e+04	-1.694e+04
		-7.770e+04	-3154.94	4.32e-03	0.0	20.4	-2124.59	-1532.15	-325.13	3.455e+04	4351.44	-4.481e+04
						40.8	-2124.59	-1779.55	-325.13	3.455e+04	-3154.94	-7.770e+04
84	33	-1.018e+04	-1040.51	4.57e-03	-494.05	0.0	1115.29	-1152.81	60.67	1.339e+04	-4394.62	-1.018e+04
		-6.504e+04	-4394.62	-2.14e-03	0.0	20.4	1115.29	-1399.46	60.67	1.339e+04	-2717.56	-3.509e+04
						40.8	1115.29	-1646.86	60.67	1.339e+04	-1040.51	-6.504e+04
84	34	-1.077e+04	-217.34	5.19e-03	-494.05	0.0	1317.06	-1168.14	98.70	1.266e+04	-3508.58	-1.077e+04
		-6.591e+04	-3508.58	-2.50e-03	0.0	20.4	1317.06	-1414.79	98.70	1.266e+04	-1862.96	-3.582e+04
						40.8	1317.06	-1662.19	98.70	1.266e+04	-217.34	-6.591e+04
84	35	-1.478e+04	5248.53	4.13e-03	-494.05	0.0	-1181.46	-1221.84	-224.20	2.796e+04	5248.53	-1.478e+04
		-7.226e+04	-3157.85	2.39e-03	0.0	20.4	-1181.46	-1468.50	-224.20	2.796e+04	1045.34	-4.100e+04
						40.8	-1181.46	-1715.90	-224.20	2.796e+04	-3157.85	-7.226e+04
84	36	-1.536e+04	6134.57	4.75e-03	-494.05	0.0	-979.69	-1237.18	-186.18	2.723e+04	6134.57	-1.536e+04
		-7.313e+04	-2334.68	2.04e-03	0.0	20.4	-979.69	-1483.83	-186.18	2.723e+04	1899.95	-4.173e+04
						40.8	-979.69	-1731.23	-186.18	2.723e+04	-2334.68	-7.313e+04
84	38	-1.018e+04	-276.35	4.95e-03	-494.05	0.0	1316.06	-1168.55	96.57	1.255e+04	-3555.73	-1.018e+04
		-6.595e+04	-3555.73	-2.49e-03	0.0	20.4	1316.06	-1415.20	96.57	1.255e+04	-1916.04	-3.555e+04
						40.8	1316.06	-1662.60	96.57	1.255e+04	-276.35	-6.595e+04
84	40	-1.477e+04	6087.42	4.51e-03	-494.05	0.0	-980.69	-1237.58	-188.31	2.712e+04	6087.42	-1.477e+04
		-7.317e+04	-2393.68	2.05e-03	0.0	20.4	-980.69	-1484.23	-188.31	2.712e+04	1846.87	-4.145e+04
						40.8	-980.69	-1731.63	-188.31	2.712e+04	-2393.68	-7.317e+04
84	65	-1.040e+04	-1094.67	4.58e-03	-494.05	0.0	1027.39	-1156.37	50.32	1.397e+04	-3951.96	-1.040e+04
		-6.538e+04	-3951.96	-1.97e-03	0.0	20.4	1027.39	-1403.02	50.32	1.397e+04	-2523.32	-3.537e+04
						40.8	1027.39	-1650.42	50.32	1.397e+04	-1094.67	-6.538e+04
84	66	-1.094e+04	-341.11	5.15e-03	-494.05	0.0	1212.06	-1170.40	85.13	1.330e+04	-3141.14	-1.094e+04
		-6.618e+04	-3141.14	-2.29e-03	0.0	20.4	1212.06	-1417.05	85.13	1.330e+04	-1741.12	-3.604e+04
						40.8	1212.06	-1664.45	85.13	1.330e+04	-341.11	-6.618e+04
84	67	-1.461e+04	4881.09	4.17e-03	-494.05	0.0	-1076.45	-1219.59	-210.63	2.732e+04	4881.09	-1.461e+04
		-7.199e+04	-3034.08	2.19e-03	0.0	20.4	-1076.45	-1466.24	-210.63	2.732e+04	923.51	-4.078e+04
						40.8	-1076.45	-1713.64	-210.63	2.732e+04	-3034.08	-7.199e+04
84	68	-1.514e+04	5691.91	4.75e-03	-494.05	0.0	-891.79	-1233.62	-175.82	2.665e+04	5691.91	-1.514e+04
		-7.279e+04	-2280.52	1.86e-03	0.0	20.4	-891.79	-1480.27	-175.82	2.665e+04	1705.70	-4.145e+04
						40.8	-891.79	-1727.67	-175.82	2.665e+04	-2280.52	-7.279e+04
84	70	-1.039e+04	-395.13	4.93e-03	-494.05	0.0	1211.14	-1170.77	83.17	1.320e+04	-3184.27	-1.039e+04
		-6.621e+04	-3184.27	-2.29e-03	0.0	20.4	1211.14	-1417.42	83.17	1.320e+04	-1789.70	-3.579e+04
						40.8	1211.14	-1664.82	83.17	1.320e+04	-395.13	-6.621e+04
84	72	-1.460e+04	5648.78	4.52e-03	-494.05	0.0	-892.71	-1233.99	-177.78	2.655e+04	5648.78	-1.460e+04
		-7.283e+04	-2334.54	1.87e-03	0.0	20.4	-892.71	-1480.64	-177.78	2.655e+04	1657.12	-4.120e+04
						40.8	-892.71	-1728.04	-177.78	2.655e+04	-2334.54	-7.283e+04

85	6	1.898e+04	1.019e+05	4.11e-03	-211.20	0.0	-2799.89	-166.95	-26.27	1.569e+04	1.019e+05	1.898e+04
		5293.03	1.018e+05	-4.77e-04	0.0	21.0	-2806.18	-272.47	-26.27	1.569e+04	1.019e+05	1.325e+04
						42.0	-2812.48	-378.15	-26.27	1.569e+04	1.018e+05	5293.03
85	7	2.360e+04	-5.063e+04	7.65e-03	-211.20	0.0	647.19	-21.49	597.43	3.183e+04	-7.477e+04	2.360e+04
		1.140e+04	-7.477e+04	1.19e-03	0.0	21.0	640.89	-127.01	597.43	3.183e+04	-6.270e+04	1.861e+04
						42.0	634.59	-232.69	597.43	3.183e+04	-5.063e+04	1.140e+04
85	18	2.476e+04	1.084e+05	-6.25e-04	-211.20	0.0	-2312.37	-191.78	72.83	1.405e+04	1.038e+05	2.476e+04
		1.371e+04	1.038e+05	-3.87e-04	0.0	21.0	-2318.66	-297.30	72.83	1.405e+04	1.061e+05	2.034e+04
						42.0	-2324.97	-402.98	72.83	1.405e+04	1.084e+05	1.371e+04
85	19	1.782e+04	-5.718e+04	0.01	-211.20	0.0	159.67	3.35	498.33	3.347e+04	-7.667e+04	1.782e+04
		2986.62	-7.667e+04	1.10e-03	0.0	21.0	153.38	-102.17	498.33	3.347e+04	-6.692e+04	1.151e+04
						42.0	147.08	-207.85	498.33	3.347e+04	-5.718e+04	2986.62
85	25	1.530e+04	-2.126e+04	0.01	-211.20	0.0	-664.00	-14.20	336.87	3.126e+04	-3.386e+04	1.530e+04
		-724.22	-3.386e+04	5.96e-04	0.0	21.0	-670.30	-119.72	336.87	3.126e+04	-2.756e+04	8397.28
						42.0	-676.60	-225.40	336.87	3.126e+04	-2.126e+04	-724.22
85	28	2.728e+04	7.244e+04	-1.25e-03	-211.20	0.0	-1488.70	-174.24	234.29	1.626e+04	6.103e+04	2.728e+04
		1.742e+04	6.103e+04	1.22e-04	0.0	21.0	-1494.99	-279.76	234.29	1.626e+04	6.674e+04	2.346e+04
						42.0	-1501.29	-385.44	234.29	1.626e+04	7.244e+04	1.742e+04
85	38	2.020e+04	6.169e+04	5.06e-03	-211.20	0.0	-1895.93	-128.51	137.33	1.994e+04	5.547e+04	2.020e+04
		6894.80	5.547e+04	-6.18e-05	0.0	21.0	-1902.22	-234.03	137.33	1.994e+04	5.858e+04	1.466e+04
						42.0	-1908.53	-339.71	137.33	1.994e+04	6.169e+04	6894.80
85	39	2.238e+04	-1.051e+04	6.70e-03	-211.20	0.0	-256.77	-59.93	433.83	2.758e+04	-2.829e+04	2.238e+04
		9797.38	-2.829e+04	7.56e-04	0.0	21.0	-263.06	-165.45	433.83	2.758e+04	-1.940e+04	1.720e+04
						42.0	-269.37	-271.13	433.83	2.758e+04	-1.051e+04	9797.38
85	50	2.287e+04	6.432e+04	2.86e-03	-211.20	0.0	-1656.53	-139.92	185.88	1.920e+04	5.584e+04	2.287e+04
		1.081e+04	5.584e+04	-3.53e-05	0.0	21.0	-1662.82	-245.44	185.88	1.920e+04	6.008e+04	1.795e+04
						42.0	-1669.12	-351.12	185.88	1.920e+04	6.432e+04	1.081e+04
85	51	1.971e+04	-1.314e+04	8.91e-03	-211.20	0.0	-496.17	-48.52	385.28	2.832e+04	-2.866e+04	1.971e+04
		5884.85	-2.866e+04	7.06e-04	0.0	21.0	-502.46	-154.04	385.28	2.832e+04	-2.090e+04	1.391e+04
						42.0	-508.77	-259.72	385.28	2.832e+04	-1.314e+04	5884.85
85	57	1.854e+04	3947.00	9.20e-03	-211.20	0.0	-889.27	-56.85	308.47	2.727e+04	-8287.15	1.854e+04
		4140.99	-8287.15	4.66e-04	0.0	21.0	-895.56	-162.37	308.47	2.727e+04	-2170.07	1.245e+04
						42.0	-901.86	-268.05	308.47	2.727e+04	3947.00	4140.99
85	60	2.404e+04	4.723e+04	2.57e-03	-211.20	0.0	-1263.43	-131.59	262.69	2.025e+04	3.546e+04	2.404e+04
		1.255e+04	3.546e+04	2.52e-04	0.0	21.0	-1269.73	-237.11	262.69	2.025e+04	4.135e+04	1.941e+04
						42.0	-1276.03	-342.79	262.69	2.025e+04	4.723e+04	1.255e+04
85	70	2.029e+04	5.865e+04	5.13e-03	-211.20	0.0	-1827.04	-125.54	149.79	2.027e+04	5.195e+04	2.029e+04
		7020.34	5.195e+04	-4.04e-05	0.0	21.0	-1833.34	-231.06	149.79	2.027e+04	5.530e+04	1.476e+04
						42.0	-1839.64	-336.74	149.79	2.027e+04	5.865e+04	7020.34
85	71	2.229e+04	-7469.45	6.63e-03	-211.20	0.0	-325.66	-62.90	421.37	2.726e+04	-2.477e+04	2.229e+04
		9671.84	-2.477e+04	7.23e-04	0.0	21.0	-331.95	-168.42	421.37	2.726e+04	-1.612e+04	1.709e+04
						42.0	-338.25	-274.10	421.37	2.726e+04	-7469.45	9671.84
85	82	2.273e+04	6.105e+04	3.12e-03	-211.20	0.0	-1607.59	-136.00	194.29	1.959e+04	5.227e+04	2.273e+04
		1.060e+04	5.227e+04	4.09e-05	0.0	21.0	-1613.89	-241.52	194.29	1.959e+04	5.666e+04	1.777e+04
						42.0	-1620.19	-347.20	194.29	1.959e+04	6.105e+04	1.060e+04
85	83	1.985e+04	-9868.48	8.65e-03	-211.20	0.0	-545.11	-52.44	376.87	2.793e+04	-2.509e+04	1.985e+04
		6094.97	-2.509e+04	6.77e-04	0.0	21.0	-551.40	-157.95	376.87	2.793e+04	-1.748e+04	1.408e+04
						42.0	-557.70	-263.63	376.87	2.793e+04	-9868.48	6094.97
85	89	1.877e+04	5780.52	8.91e-03	-211.20	0.0	-905.19	-60.01	306.51	2.697e+04	-6432.77	1.877e+04
		4500.28	-6432.77	4.57e-04	0.0	21.0	-911.49	-165.53	306.51	2.697e+04	-326.13	1.274e+04
						42.0	-917.79	-271.21	306.51	2.697e+04	5780.52	4500.28
85	92	2.381e+04	4.540e+04	2.85e-03	-211.20	0.0	-1247.51	-128.43	264.65	2.055e+04	3.361e+04	2.381e+04
		1.219e+04	3.361e+04	2.61e-04	0.0	21.0	-1253.80	-233.95	264.65	2.055e+04	3.950e+04	1.911e+04
						42.0	-1260.10	-339.63	264.65	2.055e+04	4.540e+04	1.219e+04
86	5	7.663e+04	3.137e+04	-9.82e-03	-479.50	0.0	3179.27	920.49	152.08	-1.046e+04	2.497e+04	4.864e+04
		4.864e+04	2.497e+04	-4.54e-03	0.0	21.2	3179.27	680.01	152.08	-1.046e+04	2.817e+04	6.517e+04
						42.3	3179.27	440.99	152.08	-1.046e+04	3.137e+04	7.663e+04
86	7	8.209e+04	-2.404e+04	-0.01	-479.50	0.0	-2905.48	1045.99	-125.20	-4791.63	-2.404e+04	4.668e+04
		4.668e+04	-2.935e+04	4.97e-03	0.0	21.2	-2905.48	805.51	-125.20	-4791.63	-2.670e+04	6.693e+04
						42.3	-2905.48	566.49	-125.20	-4791.63	-2.935e+04	8.209e+04
86	8	8.057e+04	-2.817e+04	-0.01	-479.50	0.0	-3406.61	1020.30	-145.37	-6008.24	-2.817e+04	4.773e+04
		4.773e+04	-3.428e+04	4.15e-03	0.0	21.2	-3406.61	779.82	-145.37	-6008.24	-3.122e+04	6.669e+04
						42.3	-3406.61	540.80	-145.37	-6008.24	-3.428e+04	8.057e+04
86	31	8.196e+04	4873.57	-0.01	-479.50	0.0	570.54	1025.97	33.09	-5679.09	3546.02	4.600e+04
		4.600e+04	3546.02	1.82e-03	0.0	21.2	570.54	785.49	33.09	-5679.09	4209.79	6.652e+04
						42.3	570.54	546.47	33.09	-5679.09	4873.57	8.196e+04
86	37	7.767e+04	1.415e+04	-0.01	-479.50	0.0	1452.42	946.49	74.04	-9302.35	1.104e+04	4.840e+04
		4.840e+04	1.104e+04	-2.27e-03	0.0	21.2	1452.42	706.00	74.04	-9302.35	1.260e+04	6.557e+04
						42.3	1452.42	466.98	74.04	-9302.35	1.415e+04	7.767e+04
86	39	8.024e+04	-1.233e+04	-0.01	-479.50	0.0	-1448.37	1006.12	-58.06	-6605.09	-1.233e+04	4.749e+04
		4.749e+04	-1.480e+04	2.27e-03	0.0	21.2	-1448.37	765.64	-58.06	-6605.09	-1.356e+04	8.024e+04
						42.3	-1448.37	526.62	-58.06	-6605.09	-1.480e+04	8.024e+04
86	40	7.953e+04	-1.423e+04	-0.01	-479.50	0.0	-1679.76	994.30	-67.32	-7163.42	-1.423e+04	4.797e+04
		4.797e+04	-1.707e+04	1.89e-03	0.0	21.2	-1679.76	753.82	-67.32	-7163.42	-1.565e+04	6.629e+04
						42.3	-1679.76	514.80	-67.32	-7163.42	-1.707e+04	7.953e+04
86	63	8.016e+04	1435.15	-0.01	-479.50	0.0	200.22	996.15	16.97	-7052.31	751.41	4.718e+04
		4.718e+04	751.41	7.53e-04	0.0	21.2	200.22	755.66	16.97	-7052.31	1093.28	6.621e+04

86	69	7.774e+04	1.284e+04	-0.01	-479.50	42.3	200.22	516.64	16.97	-7052.31	1435.15	8.016e+04
		4.838e+04	9977.15	-2.10e-03	0.0	0.0	1320.80	948.49	68.10	-9212.88	9977.15	4.838e+04
86	71	8.010e+04	-1.143e+04	-0.01	-479.50	21.2	1320.80	708.01	68.10	-9212.88	1.141e+04	6.560e+04
		4.755e+04	-1.368e+04	2.06e-03	0.0	42.3	1320.80	468.99	68.10	-9212.88	1.284e+04	7.774e+04
86	72	7.946e+04	-1.317e+04	-0.01	-479.50	0.0	-1336.36	1003.11	-52.91	-6741.99	-1.143e+04	4.755e+04
		4.799e+04	-1.575e+04	1.71e-03	0.0	21.2	-1336.36	762.63	-52.91	-6741.99	-1.255e+04	6.636e+04
86	95	8.002e+04	1189.46	-0.01	-479.50	42.3	-1336.36	523.61	-52.91	-6741.99	-1.368e+04	8.010e+04
		4.727e+04	551.75	6.74e-04	0.0	0.0	-1548.14	992.30	-61.38	-7252.89	-1.317e+04	4.799e+04
87	6	-4.750e+04	-4.238e+04	1.17e-03	-296.84	21.2	-1548.14	751.81	-61.38	-7252.89	-1.446e+04	6.626e+04
		-7.582e+04	-5.842e+04	-4.08e-04	0.0	42.3	-1548.14	512.79	-61.38	-7252.89	-1.575e+04	7.946e+04
87	7	-7.244e+04	-8268.27	-1.86e-03	-296.84	0.0	173.58	993.97	15.81	-7152.36	551.75	4.727e+04
		-9.994e+04	-4.661e+04	3.34e-04	0.0	21.2	173.58	753.48	15.81	-7152.36	870.61	6.618e+04
87	19	-7.731e+04	3638.89	-2.07e-03	-296.84	42.3	173.58	514.46	15.81	-7152.36	1189.46	8.002e+04
		-1.028e+05	-1.575e+04	2.33e-04	0.0	0.0	4364.66	1088.28	158.74	8569.88	-4.238e+04	-7.582e+04
87	20	-4.726e+04	-6.071e+04	7.29e-04	-296.84	11.6	4364.66	939.89	158.74	8569.88	-5.040e+04	-6.080e+04
		-7.780e+04	-8.003e+04	-1.31e-04	0.0	23.2	4364.66	791.44	158.74	8569.88	-5.842e+04	-7.500e+04
87	26	-4.179e+04	-6.830e+04	1.42e-03	-296.84	0.0	-5042.39	1475.51	795.63	1.640e+04	-4.661e+04	-9.994e+04
		-7.198e+04	-7.176e+04	-3.84e-04	0.0	11.6	-5042.39	1327.12	795.63	1.640e+04	-2.744e+04	-8.533e+04
87	27	-7.815e+04	1609.87	-2.11e-03	-296.84	23.2	-5042.39	1178.67	795.63	1.640e+04	-8268.27	-7.244e+04
		-1.038e+05	-1.723e+04	3.10e-04	0.0	0.0	-2907.83	1477.50	497.12	1.493e+04	-1.575e+04	-1.028e+05
87	38	-5.419e+04	-4.350e+04	4.07e-04	-296.84	11.6	-2907.83	1329.11	497.12	1.493e+04	-6053.16	-8.918e+04
		-8.222e+04	-4.512e+04	-2.15e-04	0.0	23.2	-2907.83	1180.66	497.12	1.493e+04	3638.89	-7.731e+04
87	39	-6.575e+04	-2.157e+04	-1.05e-03	-296.84	0.0	-330.10	1173.75	666.86	1.212e+04	-8.003e+04	-7.780e+04
		-9.354e+04	-4.549e+04	1.41e-04	0.0	11.6	-330.10	1025.36	666.86	1.212e+04	-7.037e+04	-6.167e+04
87	51	-6.799e+04	-1.609e+04	-1.14e-03	-296.84	23.2	-330.10	876.91	666.86	1.212e+04	-6.071e+04	-4.726e+04
		-9.480e+04	-3.111e+04	9.06e-05	0.0	0.0	2396.29	1078.66	475.36	9960.64	-7.176e+04	-7.198e+04
87	52	-5.410e+04	-4.606e+04	2.65e-04	-296.84	11.6	2396.29	930.27	475.36	9960.64	-7.003e+04	-5.603e+04
		-8.322e+04	-6.105e+04	-7.99e-05	0.0	23.2	2396.29	781.83	475.36	9960.64	-6.830e+04	-4.179e+04
87	58	-5.156e+04	-4.964e+04	4.86e-04	-296.84	0.0	-3074.02	1485.13	479.02	1.501e+04	-4.431e+04	-1.038e+05
		-8.048e+04	-5.718e+04	-2.01e-04	0.0	11.6	-3074.02	1336.73	479.02	1.501e+04	-7812.53	-9.011e+04
87	59	-6.838e+04	-1.705e+04	-1.16e-03	-296.84	23.2	-3074.02	1188.29	479.02	1.501e+04	1609.87	-7.815e+04
		-9.528e+04	-3.181e+04	1.27e-04	0.0	0.0	1899.82	1191.15	324.91	1.062e+04	-4.350e+04	-8.222e+04
87	70	-5.468e+04	-4.358e+04	3.66e-04	-296.84	11.6	1899.82	1042.75	324.91	1.062e+04	-4.431e+04	-6.735e+04
		-8.270e+04	-4.413e+04	-2.00e-04	0.0	23.2	1899.82	894.31	324.91	1.062e+04	-4.512e+04	-5.419e+04
87	71	-6.526e+04	-2.257e+04	-9.91e-04	-296.84	0.0	-2577.54	1372.64	629.47	1.435e+04	-4.549e+04	-9.354e+04
		-9.306e+04	-4.541e+04	1.26e-04	0.0	11.6	-2577.54	1224.25	629.47	1.435e+04	-3.353e+04	-7.878e+04
87	83	-6.731e+04	-1.755e+04	-1.07e-03	-296.84	23.2	-2577.54	1075.81	629.47	1.435e+04	-2.157e+04	-6.575e+04
		-9.422e+04	-3.224e+04	7.98e-05	0.0	0.0	-1546.91	1372.13	488.07	1.363e+04	-3.111e+04	-9.480e+04
87	84	-5.460e+04	-4.498e+04	2.43e-04	-296.84	11.6	-1546.91	1223.74	488.07	1.363e+04	-2.360e+04	-8.054e+04
		-8.362e+04	-5.965e+04	-7.62e-05	0.0	23.2	-1546.91	1075.30	488.07	1.363e+04	-1.609e+04	-6.799e+04
87	90	-5.227e+04	-4.827e+04	4.32e-04	-296.84	0.0	-352.25	1232.95	566.26	1.233e+04	-6.105e+04	-8.322e+04
		-8.110e+04	-5.611e+04	-1.87e-04	0.0	11.6	-352.25	1084.56	566.26	1.233e+04	-5.356e+04	-6.780e+04
87	91	-6.767e+04	-1.843e+04	-1.09e-03	-296.84	23.2	-352.25	936.12	566.26	1.233e+04	-4.606e+04	-5.410e+04
		-9.465e+04	-3.288e+04	1.13e-04	0.0	0.0	948.41	1188.18	474.92	1.130e+04	-5.718e+04	-8.048e+04
88	5	8.844e+04	3.449e+04	-4.04e-03	-444.48	11.6	948.41	1039.78	474.92	1.130e+04	-5.341e+04	-6.516e+04
		7.554e+04	3.137e+04	-4.20e-03	0.0	23.2	948.41	891.34	474.92	1.130e+04	-4.964e+04	-5.156e+04
88	6	8.625e+04	2.921e+04	-3.82e-03	-444.48	0.0	-1626.13	1375.61	479.46	1.367e+04	-3.181e+04	-9.528e+04
		7.395e+04	2.644e+04	-4.98e-03	0.0	11.6	-1626.13	1227.22	479.46	1.367e+04	-2.443e+04	-8.097e+04
88	7	1.002e+05	-2.935e+04	-6.39e-03	-444.48	23.2	-1626.13	1078.78	479.46	1.367e+04	-1.705e+04	-6.838e+04
		8.286e+04	-3.187e+04	4.56e-03	0.0	0.0	1711.70	1198.81	337.69	1.078e+04	-4.358e+04	-8.322e+04
88	8	9.796e+04	-3.428e+04	-6.17e-03	-444.48	11.6	1711.70	1050.42	337.69	1.078e+04	-4.413e+04	-5.468e+04
						23.2	1711.70	901.97	337.69	1.078e+04	-4.541e+04	-9.306e+04
88						0.0	-2389.43	1364.48	616.69	1.419e+04	-4.350e+04	-8.222e+04
						11.6	-2389.43	1216.59	616.69	1.419e+04	-3.399e+04	-7.830e+04
88						23.2	-2389.43	1068.14	616.69	1.419e+04	-2.257e+04	-6.526e+04
						0.0	-1445.06	1364.48	487.19	1.354e+04	-3.224e+04	-9.422e+04
88						11.6	-1445.06	1216.09	487.19	1.354e+04	-2.490e+04	-7.990e+04
						23.2	-1445.06	1067.65	487.19	1.354e+04	-1.755e+04	-6.731e+04
88						0.0	-351.52	1237.12	558.75	1.235e+04	-5.965e+04	-8.362e+04
						11.6	-351.52	1088.73	558.75	1.235e+04	-5.232e+04	-6.825e+04
88						23.2	-351.52	940.29	558.75	1.235e+04	-4.498e+04	-5.460e+04
						0.0	839.91	1196.12	475.08	1.140e+04	-5.611e+04	-8.110e+04
88						11.6	839.91	1047.73	475.08	1.140e+04	-5.219e+04	-6.583e+04
						23.2	839.91	899.29	475.08	1.140e+04	-4.827e+04	-5.227e+04
88						0.0	-1517.64	1367.67	479.30	1.357e+04	-3.288e+04	-9.465e+04
						11.6	-1517.64	1219.27	479.30	1.357e+04	-2.566e+04	-8.030e+04
88						23.2	-1517.64	1070.83	479.30	1.357e+04	-1.843e+04	-6.767e+04
						0.0	3398.98	541.71	74.47	-7648.07	3.137e+04	7.554e+04
88						21.2	3398.98	312.98	74.47	-7648.07	3.293e+04	8.434e+04
						42.3	3398.98	97.23	74.47	-7648.07	3.449e+04	8.844e+04
88						0.0	2881.01	522.13	65.22	-8930.98	2.644e+04	7.395e+04
						21.2	2881.01	293.40	65.22	-8930.98	2.783e+04	8.245e+04
88						42.3	2881.01	77.65	65.22	-8930.98	2.921e+04	8.625e+04
						0.0	-3090.22	648.64	-59.24	-2107.54	-2.935e+04	8.286e+04
88						21.2	-3090.22	419.90	-59.24	-2107.54	-3.061e+04	9.386e+04
						42.3	-3090.22	204.16	-59.24	-2107.54	-3.187e+04	1.002e+05
88						0.0	-3608.19	629.06	-68.49	-3390.45	-3.428e+04	8.127e+04

		8.127e+04	-3.715e+04	3.77e-03	0.0	21.2	-3608.19	400.33	-68.49	-3390.45	-3.571e+04	9.197e+04
						42.3	-3608.19	184.58	-68.49	-3390.45	-3.715e+04	9.796e+04
88	37	9.093e+04	1.570e+04	-4.60e-03	-444.48	0.0	1561.58	564.43	36.94	-6543.41	1.415e+04	7.704e+04
		7.704e+04	1.415e+04	-2.12e-03	0.0	21.2	1561.58	335.70	36.94	-6543.41	1.493e+04	8.633e+04
						42.3	1561.58	119.95	36.94	-6543.41	1.570e+04	9.093e+04
88	38	8.991e+04	1.327e+04	-4.49e-03	-444.48	0.0	1322.63	555.44	32.69	-7132.16	1.188e+04	7.630e+04
		7.630e+04	1.188e+04	-2.49e-03	0.0	21.2	1322.63	326.70	32.69	-7132.16	1.258e+04	8.546e+04
						42.3	1322.63	110.95	32.69	-7132.16	1.327e+04	8.991e+04
88	39	9.649e+04	-1.480e+04	-5.72e-03	-444.48	0.0	-1531.83	615.34	-26.71	-3906.36	-1.480e+04	8.051e+04
		8.051e+04	-1.593e+04	2.06e-03	0.0	21.2	-1531.83	386.60	-26.71	-3906.36	-1.536e+04	9.085e+04
						42.3	-1531.83	170.86	-26.71	-3906.36	-1.593e+04	9.649e+04
88	40	9.548e+04	-1.707e+04	-5.61e-03	-444.48	0.0	-1770.78	606.34	-30.95	-4495.11	-1.707e+04	7.977e+04
		7.977e+04	-1.836e+04	1.70e-03	0.0	21.2	-1770.78	377.60	-30.95	-4495.11	-1.771e+04	8.998e+04
						42.3	-1770.78	161.86	-30.95	-4495.11	-1.836e+04	9.548e+04
88	69	9.112e+04	1.427e+04	-4.64e-03	-444.48	0.0	1421.54	566.19	34.08	-6457.75	1.284e+04	7.715e+04
		7.715e+04	1.284e+04	-1.96e-03	0.0	21.2	1421.54	337.46	34.08	-6457.75	1.356e+04	8.649e+04
						42.3	1421.54	121.71	34.08	-6457.75	1.427e+04	9.112e+04
88	70	9.019e+04	1.205e+04	-4.54e-03	-444.48	0.0	1202.84	557.96	30.20	-6996.49	1.076e+04	7.648e+04
		7.648e+04	1.076e+04	-2.30e-03	0.0	21.2	1202.84	329.22	30.20	-6996.49	1.141e+04	8.569e+04
						42.3	1202.84	113.48	30.20	-6996.49	1.205e+04	9.019e+04
88	71	9.622e+04	-1.368e+04	-5.67e-03	-444.48	0.0	-1412.05	612.82	-24.22	-4042.03	-1.368e+04	8.033e+04
		8.033e+04	-1.470e+04	1.87e-03	0.0	21.2	-1412.05	384.08	-24.22	-4042.03	-1.419e+04	9.062e+04
						42.3	-1412.05	168.34	-24.22	-4042.03	-1.470e+04	9.622e+04
88	72	9.529e+04	-1.575e+04	-5.57e-03	-444.48	0.0	-1630.75	604.58	-28.10	-4580.77	-1.575e+04	7.966e+04
		7.966e+04	-1.693e+04	1.54e-03	0.0	21.2	-1630.75	375.85	-28.10	-4580.77	-1.634e+04	8.982e+04
						42.3	-1630.75	160.10	-28.10	-4580.77	-1.693e+04	9.529e+04
89	3	2.110e+04	3.142e+04	-3.44e-03	-297.41	0.0	-3156.69	832.11	509.38	2.559e+04	1.995e+04	-7378.43
		-7378.43	1.995e+04	4.12e-04	0.0	11.6	-3156.69	683.43	509.38	2.559e+04	2.568e+04	7723.99
						23.2	-3156.69	534.70	509.38	2.559e+04	3.142e+04	2.110e+04
89	6	-4585.22	-4.496e+04	-1.99e-03	-297.41	0.0	3150.67	555.43	99.51	1.914e+04	-4.779e+04	-1.786e+04
		-1.786e+04	-4.779e+04	-1.01e-03	0.0	11.6	3150.67	406.75	99.51	1.914e+04	-4.637e+04	-1.036e+04
						23.2	3150.67	258.02	99.51	1.914e+04	-4.496e+04	-4585.22
89	7	9241.18	3.066e+04	-3.44e-03	-297.41	0.0	-3188.83	835.04	505.63	2.663e+04	1.920e+04	-7587.77
		-7587.77	1.920e+04	4.25e-04	0.0	11.6	-3188.83	686.36	505.63	2.663e+04	2.493e+04	1687.68
						23.2	-3188.83	537.63	505.63	2.663e+04	3.066e+04	9241.18
89	18	2988.21	-4.043e+04	-2.27e-03	-297.41	0.0	2256.69	607.82	387.36	2.363e+04	-4.903e+04	2988.21
		-2.100e+04	-4.903e+04	-9.91e-04	0.0	11.6	2256.69	459.14	387.36	2.363e+04	-4.473e+04	-8146.95
						23.2	2256.69	310.41	387.36	2.363e+04	-4.043e+04	-2.100e+04
89	25	-2.165e+04	4760.52	-2.77e-03	-297.41	0.0	-783.35	719.46	52.15	2.369e+04	2233.06	-3.577e+04
		-3.577e+04	2233.06	1.24e-04	0.0	11.6	-783.35	570.78	52.15	2.369e+04	3496.79	-2.785e+04
						23.2	-783.35	422.05	52.15	2.369e+04	4760.52	-2.165e+04
89	28	2.631e+04	-1.906e+04	-2.66e-03	-297.41	0.0	745.19	671.02	552.98	2.207e+04	-3.083e+04	1.032e+04
		1.032e+04	-3.083e+04	-7.08e-04	0.0	11.6	745.19	522.33	552.98	2.207e+04	-2.494e+04	1.917e+04
						23.2	745.19	373.60	552.98	2.207e+04	-1.906e+04	2.631e+04
89	35	1.105e+04	1.113e+04	-3.06e-03	-297.41	0.0	-1509.88	760.33	401.65	2.418e+04	1901.15	-1.022e+04
		-1.022e+04	1901.15	4.28e-05	0.0	11.6	-1509.88	611.65	401.65	2.418e+04	6517.03	1279.12
						23.2	-1509.88	462.92	401.65	2.418e+04	1.113e+04	1.105e+04
89	38	-945.14	-2.507e+04	-2.37e-03	-297.41	0.0	1487.07	628.75	205.24	2.110e+04	-3.015e+04	-1.513e+04
		-1.513e+04	-3.015e+04	-6.33e-04	0.0	11.6	1487.07	480.07	205.24	2.110e+04	-2.761e+04	-7178.58
						23.2	1487.07	331.34	205.24	2.110e+04	-2.507e+04	-945.14
89	39	5601.10	1.078e+04	-3.06e-03	-297.41	0.0	-1525.23	761.72	399.90	2.466e+04	1549.22	-1.031e+04
		-1.031e+04	1549.22	4.88e-05	0.0	11.6	-1525.23	613.04	399.90	2.466e+04	6163.42	-1495.00
						23.2	-1525.23	464.31	399.90	2.466e+04	1.078e+04	5601.10
89	50	-5486.80	-2.273e+04	-2.51e-03	-297.41	0.0	1048.52	654.24	341.16	2.321e+04	-3.054e+04	-5505.83
		-8429.60	-3.054e+04	-6.20e-04	0.0	11.6	1048.52	505.55	341.16	2.321e+04	-2.663e+04	-6106.74
						23.2	1048.52	356.82	341.16	2.321e+04	-2.273e+04	-8429.60
89	57	-8718.85	-1726.62	-2.73e-03	-297.41	0.0	-366.04	706.05	185.19	2.324e+04	-6696.72	-2.334e+04
		-2.334e+04	-6696.72	-9.95e-05	0.0	11.6	-366.04	557.37	185.19	2.324e+04	-4211.67	-1.517e+04
						23.2	-366.04	408.64	185.19	2.324e+04	-1726.62	-8718.85
89	60	1.337e+04	-1.257e+04	-2.70e-03	-297.41	0.0	327.88	684.42	419.95	2.252e+04	-2.190e+04	-2110.70
		-2110.70	-2.190e+04	-4.85e-04	0.0	11.6	327.88	535.74	419.95	2.252e+04	-1.723e+04	6493.03
						23.2	327.88	387.01	419.95	2.252e+04	-1.257e+04	1.337e+04
89	67	1.032e+04	9595.03	-3.03e-03	-297.41	0.0	-1384.55	754.86	393.34	2.407e+04	537.59	-1.043e+04
		-1.043e+04	537.59	1.46e-05	0.0	11.6	-1384.55	606.18	393.34	2.407e+04	5066.31	803.73
						23.2	-1384.55	457.45	393.34	2.407e+04	9595.03	1.032e+04
89	70	-669.06	-2.357e+04	-2.40e-03	-297.41	0.0	1360.45	634.34	213.40	2.125e+04	-2.881e+04	-1.493e+04
		-1.493e+04	-2.881e+04	-6.04e-04	0.0	11.6	1360.45	485.66	213.40	2.125e+04	-2.619e+04	-6938.60
						23.2	1360.45	336.93	213.40	2.125e+04	-2.357e+04	-669.06
89	71	5325.02	9269.72	-3.03e-03	-297.41	0.0	-1398.61	756.13	391.74	2.451e+04	215.35	-1.052e+04
		-1.052e+04	215.35	2.02e-05	0.0	11.6	-1398.61	607.45	391.74	2.451e+04	4742.53	-1734.98
						23.2	-1398.61	458.72	391.74	2.451e+04	9269.72	5325.02
89	82	-5815.61	-2.141e+04	-2.53e-03	-297.41	0.0	958.45	657.70	337.88	2.318e+04	-2.917e+04	-6118.27
		-7517.35	-2.917e+04	-5.93e-04	0.0	11.6	958.45	509.01	337.88	2.318e+04	-2.529e+04	-5956.84
						23.2	958.45	360.28	337.88	2.318e+04	-2.141e+04	-7517.35
89	89	-7781.92	-2187.74	-2.73e-03	-297.41	0.0	-336.51	705.12	195.10	2.321e+04	-7341.48	-2.244e+04
		-2.244e+04	-7341.48	-1.16e-04	0.0	11.6	-336.51	556.44	195.10	2.321e+04	-4764.61	-1.425e+04
						23.2	-336.51	407.71	195.10	2.321e+04	-2187.74	-7781.92

89	92	1.244e+04	-1.211e+04	-2.70e-03	-297.41	0.0	298.35	685.35	410.04	2.256e+04	-2.125e+04	-3010.90
		-3010.90	-2.125e+04	-4.68e-04	0.0	11.6	298.35	536.67	410.04	2.256e+04	-1.668e+04	5574.46
						23.2	298.35	387.94	410.04	2.256e+04	-1.211e+04	1.244e+04
90	6	-1.814e+04	-4.782e+04	-1.37e-03	-297.22	0.0	3485.57	746.60	162.78	1.586e+04	-5.251e+04	-1.946e+04
		-1.946e+04	-5.251e+04	-8.36e-04	0.0	11.6	3485.57	598.01	162.78	1.586e+04	-5.016e+04	-1.819e+04
						23.2	3485.57	449.38	162.78	1.586e+04	-4.782e+04	-1.864e+04
90	7	-9158.76	1.908e+04	-3.51e-03	-297.22	0.0	-3778.59	1070.73	581.33	2.378e+04	6266.50	-4.807e+04
		-4.807e+04	6266.50	3.45e-04	0.0	11.6	-3778.59	922.15	581.33	2.378e+04	1.267e+04	-2.775e+04
						23.2	-3778.59	773.51	581.33	2.378e+04	1.908e+04	-9158.76
90	18	1797.13	-4.909e+04	-1.50e-03	-297.22	0.0	2157.55	785.08	453.25	2.020e+04	-5.941e+04	-1.359e+04
		-1.359e+04	-5.941e+04	-8.13e-04	0.0	11.6	2157.55	636.49	453.25	2.020e+04	-5.425e+04	-5037.43
						23.2	2157.55	487.86	453.25	2.020e+04	-4.909e+04	1797.13
90	19	-2.959e+04	2.035e+04	-3.37e-03	-297.22	0.0	-2450.57	1032.25	290.86	1.944e+04	1.318e+04	-5.394e+04
		-5.394e+04	1.318e+04	3.23e-04	0.0	11.6	-2450.57	883.66	290.86	1.944e+04	1.676e+04	-4.091e+04
						23.2	-2450.57	735.03	290.86	1.944e+04	2.035e+04	-2.959e+04
90	27	-3.028e+04	1.785e+04	-3.38e-03	-297.22	0.0	-2575.12	1040.07	275.93	2.237e+04	1.084e+04	-5.469e+04
		-5.469e+04	1.084e+04	3.77e-04	0.0	11.6	-2575.12	891.48	275.93	2.237e+04	1.434e+04	-4.163e+04
						23.2	-2575.12	742.85	275.93	2.237e+04	1.785e+04	-3.028e+04
90	28	8852.67	-3.091e+04	-2.01e-03	-297.22	0.0	367.71	858.12	625.19	1.938e+04	-4.442e+04	-1.814e+04
		-1.814e+04	-4.442e+04	-6.02e-04	0.0	11.6	367.71	709.54	625.19	1.938e+04	-3.091e+04	-2.01e-03
						23.2	367.71	560.90	625.19	1.938e+04	-3.091e+04	8852.67
90	38	-1.612e+04	-3.019e+04	-1.93e-03	-297.22	0.0	1580.79	831.97	271.77	1.794e+04	-3.698e+04	-2.717e+04
		-2.717e+04	-3.698e+04	-5.26e-04	0.0	11.6	1580.79	683.38	271.77	1.794e+04	-3.359e+04	-2.078e+04
						23.2	1580.79	534.75	271.77	1.794e+04	-3.019e+04	-1.612e+04
90	39	-1.168e+04	1457.51	-2.94e-03	-297.22	0.0	-1873.81	985.36	472.35	2.170e+04	-9259.26	-4.036e+04
		-4.036e+04	-9259.26	3.59e-05	0.0	11.6	-1873.81	836.77	472.35	2.170e+04	-3900.87	-2.516e+04
						23.2	-1873.81	688.14	472.35	2.170e+04	1457.51	-1.168e+04
90	50	-6684.15	-3.060e+04	-2.00e-03	-297.22	0.0	935.53	851.21	408.93	1.998e+04	-4.007e+04	-2.447e+04
		-2.447e+04	-4.007e+04	-5.12e-04	0.0	11.6	935.53	702.63	408.93	1.998e+04	-3.534e+04	-1.472e+04
						23.2	935.53	553.99	408.93	1.998e+04	-3.060e+04	-6684.15
90	51	-2.111e+04	1866.94	-2.87e-03	-297.22	0.0	-1228.56	966.11	335.18	1.966e+04	-6168.53	-4.307e+04
		-4.307e+04	-6168.53	2.17e-05	0.0	11.6	-1228.56	817.53	335.18	1.966e+04	-2150.80	-3.123e+04
						23.2	-1228.56	668.89	335.18	1.966e+04	1866.94	-2.111e+04
90	59	-2.143e+04	693.45	-2.87e-03	-297.22	0.0	-1287.97	969.78	328.21	2.101e+04	-7268.65	-4.341e+04
		-4.341e+04	-7268.65	4.74e-05	0.0	11.6	-1287.97	821.20	328.21	2.101e+04	-3287.60	-3.156e+04
						23.2	-1287.97	672.56	328.21	2.101e+04	693.45	-2.143e+04
90	60	-3421.17	-2.197e+04	-2.24e-03	-297.22	0.0	81.84	886.02	490.70	1.963e+04	-3.297e+04	-2.657e+04
		-2.657e+04	-3.297e+04	-4.10e-04	0.0	11.6	81.84	737.44	490.70	1.963e+04	-2.747e+04	-1.413e+04
						23.2	81.84	588.80	490.70	1.963e+04	-2.197e+04	-3421.17
90	70	-1.593e+04	-2.886e+04	-1.97e-03	-297.22	0.0	1435.61	838.42	280.18	1.810e+04	-3.581e+04	-2.773e+04
		-2.773e+04	-3.581e+04	-5.03e-04	0.0	11.6	1435.61	689.84	280.18	1.810e+04	-3.234e+04	-2.097e+04
						23.2	1435.61	541.20	280.18	1.810e+04	-2.886e+04	-1.593e+04
90	71	-1.187e+04	125.45	-2.90e-03	-297.22	0.0	-1728.64	978.90	463.94	2.155e+04	-1.043e+04	-3.980e+04
		-3.980e+04	125.45	1.23e-05	0.0	11.6	-1728.64	830.32	463.94	2.155e+04	-5150.73	-2.498e+04
						23.2	-1728.64	681.68	463.94	2.155e+04	125.45	-1.187e+04
90	82	-7296.26	-2.923e+04	-2.04e-03	-297.22	0.0	844.28	856.07	405.79	1.997e+04	-3.864e+04	-2.097e+04
		-2.526e+04	-3.864e+04	-4.90e-04	0.0	11.6	844.28	707.49	405.79	1.997e+04	-3.394e+04	-1.542e+04
						23.2	844.28	558.85	405.79	1.997e+04	-2.923e+04	-7296.26
90	83	-2.050e+04	496.07	-2.83e-03	-297.22	0.0	-1137.30	961.26	338.32	1.967e+04	-7600.31	-4.228e+04
		-4.228e+04	-7600.31	1.51e-06	0.0	11.6	-1137.30	812.67	338.32	1.967e+04	-3552.12	-3.053e+04
						23.2	-1137.30	664.04	338.32	1.967e+04	496.07	-2.050e+04
90	91	-2.079e+04	-578.43	-2.84e-03	-297.22	0.0	-1191.72	964.62	331.94	2.091e+04	-8607.68	-4.259e+04
		-4.259e+04	-8607.68	2.27e-05	0.0	11.6	-1191.72	816.03	331.94	2.091e+04	-4593.06	-3.083e+04
						23.2	-1191.72	667.40	331.94	2.091e+04	-578.43	-2.079e+04
90	92	-4310.02	-2.133e+04	-2.26e-03	-297.22	0.0	62.29	887.96	480.69	1.965e+04	-3.213e+04	-2.718e+04
		-2.718e+04	-3.213e+04	-3.96e-04	0.0	11.6	62.29	739.37	480.69	1.965e+04	-2.673e+04	-1.488e+04
						23.2	62.29	590.74	480.69	1.965e+04	-2.133e+04	-4310.02
91	6	-9697.53	-7.424e+04	0.01	-123.24	0.0	930.28	-1209.84	1552.21	-4.897e+04	-1.254e+05	-9697.53
		-5.401e+04	-1.254e+05	-2.12e-03	0.0	16.6	922.78	-1271.46	1552.21	-4.897e+04	-9.981e+04	-3.134e+04
						33.1	915.28	-1333.08	1552.21	-4.897e+04	-7.424e+04	-5.401e+04
91	7	-1.289e+04	1.103e+05	0.01	-123.24	0.0	-2463.75	-907.63	-1343.65	-2.121e+04	1.103e+05	-1.289e+04
		-4.276e+04	6.604e+04	1.62e-03	0.0	16.6	-2471.25	-969.25	-1343.65	-2.121e+04	8.816e+04	-2.731e+04
						33.1	-2478.75	-1030.88	-1343.65	-2.121e+04	6.604e+04	-4.276e+04
91	26	-1.602e+04	-6.241e+04	8.88e-03	-123.24	0.0	623.14	-1240.92	1356.92	-4.828e+04	-1.067e+05	-1.602e+04
		-5.683e+04	-1.067e+05	-8.94e-04	0.0	16.6	615.64	-1302.54	1356.92	-4.828e+04	-8.457e+04	-3.591e+04
						33.1	608.14	-1364.16	1356.92	-4.828e+04	-6.241e+04	-5.683e+04
91	29	-4557.31	4.168e+04	0.02	-123.24	0.0	-1395.76	-936.58	-550.81	-2.787e+04	4.168e+04	-4557.31
		-4.176e+04	2.401e+04	-5.54e-04	0.0	16.6	-1403.26	-998.20	-550.81	-2.787e+04	3.284e+04	-2.265e+04
						33.1	-1410.76	-1059.82	-550.81	-2.787e+04	2.401e+04	-4.176e+04
91	38	-1.053e+04	-3.742e+04	0.01	-123.24	0.0	39.25	-1130.33	792.27	-4.169e+04	-6.354e+04	-1.053e+04
		-5.105e+04	-6.354e+04	-1.14e-03	0.0	16.6	31.75	-1191.95	792.27	-4.169e+04	-5.048e+04	-3.028e+04
						33.1	24.25	-1253.57	792.27	-4.169e+04	-3.742e+04	-5.105e+04
91	39	-1.206e+04	4.844e+04	0.01	-123.24	0.0	-1572.72	-987.14	-583.71	-2.848e+04	4.844e+04	-1.206e+04
		-4.572e+04	2.922e+04	6.40e-04	0.0	16.6	-1580.22	-1048.76	-583.71	-2.848e+04	3.883e+04	-2.838e+04
						33.1	-1587.72	-1110.39	-583.71	-2.848e+04	2.922e+04	-4.572e+04
91	58	-1.351e+04	-3.140e+04	0.01	-123.24	0.0	-116.34	-1144.34	691.45	-4.130e+04	-5.402e+04	-1.351e+04
		-5.236e+04	-5.402e+04	-5.54e-04	0.0	16.6	-123.84	-1205.96	691.45	-4.130e+04	-4.271e+04	-3.243e+04

91	61	-8114.11	1.510e+04	0.02	-123.24	33.1	-131.34	-1267.59	691.45	-4.130e+04	-3.140e+04	-5.236e+04
		-4.528e+04	8807.00	-4.00e-04	0.0	0.0	-1054.52	-1001.67	-198.09	-3.172e+04	1.510e+04	-8114.11
						16.6	-1062.02	-1063.29	-198.09	-3.172e+04	1.196e+04	-2.618e+04
91	70	-1.059e+04	-3.462e+04	0.01	-123.24	33.1	-1069.52	-1124.91	-198.09	-3.172e+04	8807.00	-4.528e+04
		-5.081e+04	-5.884e+04	-1.07e-03	0.0	0.0	-28.52	-1124.17	734.44	-4.113e+04	-5.884e+04	-1.059e+04
						16.6	-36.02	-1185.80	734.44	-4.113e+04	-4.673e+04	-3.019e+04
91	71	-1.199e+04	4.373e+04	0.01	-123.24	33.1	-43.52	-1247.42	734.44	-4.113e+04	-3.462e+04	-5.081e+04
		-4.596e+04	2.642e+04	5.66e-04	0.0	0.0	-1504.95	-993.29	-525.88	-2.904e+04	4.373e+04	-1.199e+04
						16.6	-1512.45	-1054.92	-525.88	-2.904e+04	3.507e+04	-2.847e+04
						33.1	-1519.95	-1116.54	-525.88	-2.904e+04	2.642e+04	-4.596e+04
91	90	-1.333e+04	-2.910e+04	0.01	-123.24	0.0	-171.24	-1137.03	641.91	-4.078e+04	-5.010e+04	-1.333e+04
		-5.201e+04	-5.010e+04	-5.29e-04	0.0	16.6	-178.74	-1198.66	641.91	-4.078e+04	-3.960e+04	-3.216e+04
						33.1	-186.24	-1260.28	641.91	-4.078e+04	-2.910e+04	-5.201e+04
91	93	-8383.58	1.318e+04	0.02	-123.24	0.0	-1030.08	-1006.53	-172.46	-3.201e+04	1.318e+04	-8383.58
		-4.554e+04	7711.89	-3.88e-04	0.0	16.6	-1037.58	-1068.15	-172.46	-3.201e+04	1.045e+04	-2.645e+04
						33.1	-1045.08	-1129.77	-172.46	-3.201e+04	7711.89	-4.554e+04
92	6	-5.401e+04	-2.519e+04	0.01	-123.24	0.0	898.55	-1241.09	1526.81	-4.897e+04	-7.424e+04	-5.401e+04
		-9.903e+04	-7.424e+04	-0.01	0.0	16.6	891.05	-1302.71	1526.81	-4.897e+04	-4.972e+04	-7.601e+04
						33.1	883.55	-1364.34	1526.81	-4.897e+04	-2.519e+04	-9.903e+04
92	7	-4.276e+04	6.604e+04	0.01	-123.24	0.0	-2462.02	-1122.87	-1318.24	-2.121e+04	6.604e+04	-4.276e+04
		-8.009e+04	2.390e+04	0.01	0.0	16.6	-2469.52	-1184.49	-1318.24	-2.121e+04	4.497e+04	-6.091e+04
						33.1	-2477.02	-1246.11	-1318.24	-2.121e+04	2.390e+04	-8.009e+04
92	26	-5.683e+04	-2.124e+04	6.90e-03	-123.24	0.0	588.57	-1055.88	1359.32	-4.828e+04	-6.241e+04	-5.683e+04
		-1.027e+05	-6.241e+04	-0.04	0.0	16.6	581.07	-1117.50	1359.32	-4.828e+04	-4.182e+04	-7.927e+04
						33.1	573.57	-1179.12	1359.32	-4.828e+04	-2.124e+04	-1.027e+05
92	27	-3.994e+04	5.421e+04	0.01	-123.24	0.0	-2152.04	-1308.08	-1150.76	-2.189e+04	5.421e+04	-3.994e+04
		-7.639e+04	1.994e+04	0.04	0.0	16.6	-2159.54	-1369.70	-1150.76	-2.189e+04	3.707e+04	-5.765e+04
						33.1	-2167.04	-1431.33	-1150.76	-2.189e+04	1.994e+04	-7.639e+04
92	38	-5.105e+04	-1.230e+04	0.01	-123.24	0.0	16.34	-1210.45	780.06	-4.169e+04	-3.742e+04	-5.105e+04
		-9.404e+04	-3.742e+04	-6.72e-03	0.0	16.6	8.84	-1272.07	780.06	-4.169e+04	-2.486e+04	-7.203e+04
						33.1	1.34	-1333.70	780.06	-4.169e+04	-1.230e+04	-9.404e+04
92	39	-4.572e+04	2.922e+04	0.01	-123.24	0.0	-1579.81	-1153.51	-571.50	-2.848e+04	2.922e+04	-4.572e+04
		-8.508e+04	1.100e+04	6.16e-03	0.0	16.6	-1587.31	-1215.13	-571.50	-2.848e+04	2.011e+04	-6.589e+04
						33.1	-1594.81	-1276.75	-571.50	-2.848e+04	1.100e+04	-8.508e+04
92	58	-5.236e+04	-1.026e+04	9.00e-03	-123.24	0.0	-140.42	-1123.12	692.46	-4.130e+04	-3.140e+04	-5.236e+04
		-9.574e+04	-3.140e+04	-0.02	0.0	16.6	-147.92	-1184.74	692.46	-4.130e+04	-2.083e+04	-7.354e+04
						33.1	-155.42	-1246.36	692.46	-4.130e+04	-1.026e+04	-9.574e+04
92	59	-4.441e+04	2.320e+04	0.01	-123.24	0.0	-1423.05	-1240.84	-483.90	-2.887e+04	2.320e+04	-4.441e+04
		-8.337e+04	8964.33	0.02	0.0	16.6	-1430.55	-1302.46	-483.90	-2.887e+04	1.608e+04	-6.338e+04
						33.1	-1438.05	-1364.09	-483.90	-2.887e+04	8964.33	-8.337e+04
92	70	-5.081e+04	-1.131e+04	0.01	-123.24	0.0	-50.76	-1207.97	723.25	-4.113e+04	-3.462e+04	-5.081e+04
		-9.364e+04	-3.462e+04	-6.18e-03	0.0	16.6	-58.26	-1269.59	723.25	-4.113e+04	-2.297e+04	-7.172e+04
						33.1	-65.76	-1331.22	723.25	-4.113e+04	-1.131e+04	-9.364e+04
92	71	-4.596e+04	2.642e+04	0.01	-123.24	0.0	-1512.71	-1155.99	-514.69	-2.904e+04	2.642e+04	-4.596e+04
		-8.547e+04	1.002e+04	5.61e-03	0.0	16.6	-1520.21	-1217.61	-514.69	-2.904e+04	1.822e+04	-6.521e+04
						33.1	-1527.71	-1279.23	-514.69	-2.904e+04	1.002e+04	-8.547e+04
92	90	-5.201e+04	-9448.93	9.16e-03	-123.24	0.0	-194.56	-1128.11	642.83	-4.078e+04	-2.910e+04	-5.201e+04
		-9.521e+04	-2.910e+04	-0.02	0.0	16.6	-202.06	-1189.73	642.83	-4.078e+04	-1.927e+04	-7.310e+04
						33.1	-209.56	-1251.35	642.83	-4.078e+04	-9448.93	-9.521e+04
92	91	-4.476e+04	2.090e+04	0.01	-123.24	0.0	-1368.91	-1235.85	-434.27	-2.940e+04	2.090e+04	-4.476e+04
		-8.390e+04	8151.96	0.02	0.0	16.6	-1376.41	-1297.47	-434.27	-2.940e+04	1.452e+04	-6.382e+04
						33.1	-1383.91	-1359.09	-434.27	-2.940e+04	8151.96	-8.390e+04
93	2	-7317.94	-4.518e+04	-2.30e-03	-297.60	0.0	2851.49	349.82	8.05	2.338e+04	-4.568e+04	-1.579e+04
		-1.579e+04	-4.568e+04	-1.15e-03	0.0	11.6	2851.49	201.05	8.05	2.338e+04	-4.543e+04	-1.069e+04
						23.2	2851.49	52.22	8.05	2.338e+04	-4.518e+04	-7317.94
93	3	3.424e+04	4.177e+04	-2.95e-03	-297.60	0.0	-2608.13	590.47	442.76	2.747e+04	3.153e+04	2.289e+04
		2.289e+04	3.153e+04	5.36e-04	0.0	11.6	-2608.13	441.69	442.76	2.747e+04	3.665e+04	2.943e+04
						23.2	-2608.13	292.87	442.76	2.747e+04	4.177e+04	3.424e+04
93	6	-7497.13	-4.445e+04	-2.31e-03	-297.60	0.0	2879.78	346.76	11.57	2.340e+04	-4.493e+04	-1.599e+04
		-1.599e+04	-4.493e+04	-1.16e-03	0.0	11.6	2879.78	197.99	11.57	2.340e+04	-4.469e+04	-1.088e+04
						23.2	2879.78	49.16	11.57	2.340e+04	-4.445e+04	-7497.13
93	7	3.442e+04	4.104e+04	-2.94e-03	-297.60	0.0	-2636.42	593.53	439.24	2.745e+04	3.078e+04	2.309e+04
		2.309e+04	3.078e+04	5.45e-04	0.0	11.6	-2636.42	444.75	439.24	2.745e+04	3.591e+04	2.962e+04
						23.2	-2636.42	295.93	439.24	2.745e+04	4.104e+04	3.442e+04
93	26	-1.065e+04	-3.174e+04	-2.72e-03	-297.60	0.0	2514.37	380.04	307.62	2.678e+04	-3.784e+04	-2.073e+04
		-2.073e+04	-3.784e+04	-1.16e-03	0.0	11.6	2514.37	231.26	307.62	2.678e+04	-3.479e+04	-1.482e+04
						23.2	2514.37	82.44	307.62	2.678e+04	-3.174e+04	-1.065e+04
93	27	3.757e+04	2.833e+04	-2.53e-03	-297.60	0.0	-2271.01	560.25	143.19	2.407e+04	2.369e+04	2.783e+04
		2.783e+04	2.369e+04	5.41e-04	0.0	11.6	-2271.01	411.48	143.19	2.407e+04	2.601e+04	3.356e+04
						23.2	-2271.01	262.65	143.19	2.407e+04	2.833e+04	3.757e+04
93	34	3757.86	-2.234e+04	-2.47e-03	-297.60	0.0	1416.97	142.85	121.29	2.444e+04	-2.538e+04	-5448.55
		-5448.55	-2.538e+04	-7.11e-04	0.0	11.6	1416.97	264.07	121.29	2.444e+04	-2.386e+04	16.19
						23.2	1416.97	115.25	121.29	2.444e+04	-2.234e+04	3757.86
93	35	2.317e+04	1.893e+04	-2.78e-03	-297.60	0.0	-1173.61	527.44	329.52	2.641e+04	1.123e+04	1.255e+04
		1.255e+04	1.123e+04	9.26e-05	0.0	11.6	-1173.61	378.66	329.52	2.641e+04	1.508e+04	1.872e+04
						23.2	-1173.61	229.84	329.52	2.641e+04	1.893e+04	2.317e+04
93	38	3678.06	-2.200e+04	-2.47e-03	-297.60	0.0	1430.49	411.40	122.93	2.445e+04	-2.502e+04	-5537.11

		-5537.11-2.502e+04	-7.16e-04	0.0	11.6	1430.49	262.63	122.93	2.445e+04-2.351e+04	-67.99
					23.2	1430.49	113.80	122.93	2.445e+04-2.200e+04	3678.06
93	39	2.325e+04 1.859e+04	-2.78e-03	-297.60	0.0	-1187.13	528.89	327.87	2.640e+04 1.087e+04	1.264e+04
		1.264e+04 1.087e+04	9.70e-05	0.0	11.6	-1187.13	380.11	327.87	2.640e+04 1.473e+04	1.880e+04
					23.2	-1187.13	231.28	327.87	2.640e+04 1.859e+04	2.325e+04
93	58	2344.62-1.578e+04	-2.67e-03	-297.60	0.0	1243.58	427.74	262.76	2.604e+04-2.148e+04	-7637.74
		-7637.74-2.148e+04	-7.09e-04	0.0	11.6	1243.58	278.96	262.76	2.604e+04-1.863e+04	-1785.03
					23.2	1243.58	130.13	262.76	2.604e+04-1.578e+04	2344.62
93	59	2.458e+04 1.237e+04	-2.59e-03	-297.60	0.0	-1000.22	512.56	188.05	2.481e+04 7325.38	1.474e+04
		1.474e+04 7325.38	9.01e-05	0.0	11.6	-1000.22	363.78	188.05	2.481e+04 9845.22	2.052e+04
					23.2	-1000.22	214.95	188.05	2.481e+04 1.237e+04	2.458e+04
93	66	4578.19-2.061e+04	-2.48e-03	-297.60	0.0	1308.03	417.66	130.02	2.452e+04-2.384e+04	-4687.12
		-4687.12-2.384e+04	-6.78e-04	0.0	11.6	1308.03	268.89	130.02	2.452e+04-2.222e+04	807.06
					23.2	1308.03	120.06	130.02	2.452e+04-2.061e+04	4578.19
93	67	2.235e+04 1.719e+04	-2.77e-03	-297.60	0.0	-1064.67	522.63	320.79	2.633e+04 9686.34	1.179e+04
		1.179e+04 9686.34	5.88e-05	0.0	11.6	-1064.67	373.85	320.79	2.633e+04 1.344e+04	1.793e+04
					23.2	-1064.67	225.03	320.79	2.633e+04 1.719e+04	2.235e+04
93	70	4505.21-2.030e+04	-2.48e-03	-297.60	0.0	1320.42	416.34	131.53	2.453e+04-2.351e+04	-4768.12
		-4768.12-2.351e+04	-6.82e-04	0.0	11.6	1320.42	267.56	131.53	2.453e+04-2.190e+04	730.07
					23.2	1320.42	118.74	131.53	2.453e+04-2.030e+04	4505.21
93	71	2.242e+04 1.688e+04	-2.77e-03	-297.60	0.0	-1077.06	523.95	319.28	2.632e+04 9361.20	1.187e+04
		1.187e+04 9361.20	6.29e-05	0.0	11.6	-1077.06	375.18	319.28	2.632e+04 1.312e+04	1.800e+04
					23.2	-1077.06	226.35	319.28	2.632e+04 1.688e+04	2.242e+04
93	90	3287.21-1.459e+04	-2.66e-03	-297.60	0.0	1148.92	431.31	259.58	2.598e+04-2.026e+04	-6689.05
		-6689.05-2.026e+04	-6.75e-04	0.0	11.6	1148.92	282.53	259.58	2.598e+04-1.743e+04	-839.39
					23.2	1148.92	133.71	259.58	2.598e+04-1.459e+04	3287.21
93	91	2.364e+04 1.118e+04	-2.59e-03	-297.60	0.0	-905.56	508.98	191.23	2.487e+04 6109.76	1.379e+04
		1.379e+04 6109.76	5.64e-05	0.0	11.6	-905.56	360.20	191.23	2.487e+04 8643.64	1.957e+04
					23.2	-905.56	211.38	191.23	2.487e+04 1.118e+04	2.364e+04
94	6	-9.903e+04 2.810e+04	6.94e-03	-123.24	0.0	866.80	-1362.74	1492.90	-4.897e+04-2.519e+04	-9.903e+04
		-1.489e+05-2.519e+04	-2.76e-03	0.0	16.6	859.30	-1424.37	1492.90	-4.897e+04 1454.58	-1.235e+05
					33.1	851.80	-1485.99	1492.90	-4.897e+04 2.810e+04	-1.489e+05
94	7	-8.009e+04 2.390e+04	6.46e-03	-123.24	0.0	-2460.27	-1247.70	-1284.34	-2.121e+04-2.390e+04	-8.009e+04
		-1.207e+05-2.249e+04	2.19e-03	0.0	16.6	-2467.77	-1309.32	-1284.34	-2.121e+04 701.03	-9.987e+04
					33.1	-2475.27	-1370.95	-1284.34	-2.121e+04-2.249e+04	-1.207e+05
94	26	-1.027e+05 3.244e+04	2.61e-03	-123.24	0.0	555.25	-1174.37	1357.34	-4.828e+04-2.124e+04	-1.027e+05
		-1.537e+05-2.124e+04	-1.12e-03	0.0	16.6	547.75	-1235.99	1357.34	-4.828e+04 5599.43	-1.277e+05
					33.1	540.25	-1297.61	1357.34	-4.828e+04 3.244e+04	-1.537e+05
94	27	-7.639e+04 1.994e+04	0.01	-123.24	0.0	-2148.73	-1436.08	-1148.78	-2.189e+04 1.994e+04	-7.639e+04
		-1.159e+05-2.683e+04	5.36e-04	0.0	16.6	-2156.23	-1497.70	-1148.78	-2.189e+04 -3443.81	-9.564e+04
					33.1	-2163.73	-1559.32	-1148.78	-2.189e+04-2.683e+04	-1.159e+05
94	38	-9.404e+04 1.477e+04	6.82e-03	-123.24	0.0	-6.58	-1332.93	763.80	-4.169e+04-1.230e+04	-9.404e+04
		-1.415e+05-1.230e+04	-1.47e-03	0.0	16.6	-14.08	-1394.56	763.80	-4.169e+04 1239.24	-1.173e+05
					33.1	-21.58	-1456.18	763.80	-4.169e+04 1.477e+04	-1.415e+05
94	39	-8.508e+04 1.100e+04	6.59e-03	-123.24	0.0	-1586.89	-1277.51	-555.24	-2.848e+04 1.100e+04	-8.508e+04
		-1.281e+05 -9165.41	8.94e-04	0.0	16.6	-1594.39	-1339.13	-555.24	-2.848e+04 916.37	-1.061e+05
					33.1	-1601.89	-1400.76	-555.24	-2.848e+04 -9165.41	-1.281e+05
94	58	-9.574e+04 1.667e+04	4.77e-03	-123.24	0.0	-163.93	-1244.12	691.43	-4.130e+04-1.026e+04	-9.574e+04
		-1.437e+05-1.026e+04	-6.87e-04	0.0	16.6	-171.43	-1305.75	691.43	-4.130e+04 3205.22	-1.192e+05
					33.1	-178.93	-1367.37	691.43	-4.130e+04 1.667e+04	-1.437e+05
94	59	-8.337e+04 8964.37	8.64e-03	-123.24	0.0	-1429.54	-1366.32	-482.87	-2.887e+04 8964.37	-8.337e+04
		-1.259e+05-1.106e+04	1.07e-04	0.0	16.6	-1437.04	-1427.94	-482.87	-2.887e+04 -1049.61	-1.041e+05
					33.1	-1444.54	-1489.57	-482.87	-2.887e+04-1.106e+04	-1.259e+05
94	70	-9.364e+04 1.377e+04	6.81e-03	-123.24	0.0	-73.02	-1330.52	708.36	-4.113e+04-1.131e+04	-9.364e+04
		-1.409e+05-1.131e+04	-1.37e-03	0.0	16.6	-80.52	-1392.14	708.36	-4.113e+04 1226.19	-1.168e+05
					33.1	-88.02	-1453.76	708.36	-4.113e+04 1.377e+04	-1.409e+05
94	71	-8.547e+04 1.002e+04	6.60e-03	-123.24	0.0	-1520.45	-1279.93	-499.80	-2.904e+04 1.002e+04	-8.547e+04
		-1.287e+05 -8158.73	7.94e-04	0.0	16.6	-1527.95	-1341.55	-499.80	-2.904e+04 929.42	-1.067e+05
					33.1	-1535.45	-1403.17	-499.80	-2.904e+04 -8158.73	-1.287e+05
94	90	-9.521e+04 1.550e+04	4.93e-03	-123.24	0.0	-217.34	-1249.30	641.88	-4.078e+04 -9448.90	-9.521e+04
		-1.429e+05 -9448.90	-6.53e-04	0.0	16.6	-224.84	-1310.93	641.88	-4.078e+04 3026.01	-1.186e+05
					33.1	-232.34	-1372.55	641.88	-4.078e+04 1.550e+04	-1.429e+05
94	91	-8.390e+04 8151.99	8.47e-03	-123.24	0.0	-1376.13	-1361.14	-433.32	-2.940e+04 8151.99	-8.390e+04
		-1.267e+05 -9892.80	7.37e-05	0.0	16.6	-1383.63	-1422.77	-433.32	-2.940e+04 -870.40	-1.048e+05
					33.1	-1391.13	-1484.39	-433.32	-2.940e+04 -9892.80	-1.267e+05
95	6	-1.489e+05 7.568e+04	1.22e-03	-123.24	0.0	835.38	-1484.70	1464.21	-4.897e+04 2.810e+04	-1.489e+05
		-2.032e+05 2.810e+04	-2.68e-03	0.0	16.6	827.88	-1546.32	1464.21	-4.897e+04 5.189e+04	-1.755e+05
					33.1	820.38	-1607.94	1464.21	-4.897e+04 7.568e+04	-2.032e+05
95	7	-1.207e+05-2.249e+04	1.11e-03	-123.24	0.0	-2458.85	-1372.24	-1255.64	-2.121e+04-2.249e+04	-1.207e+05
		-1.651e+05-6.317e+04	2.14e-03	0.0	16.6	-2466.35	-1433.86	-1255.64	-2.121e+04-4.283e+04	-1.424e+05
					33.1	-2473.85	-1495.48	-1255.64	-2.121e+04-6.317e+04	-1.651e+05
95	26	-1.537e+05 7.569e+04	-3.33e-03	-123.24	0.0	521.80	-1295.63	1355.17	-4.828e+04 3.244e+04	-1.537e+05
		-2.091e+05 3.244e+04	-1.27e-03	0.0	16.6	514.30	-1357.26	1355.17	-4.828e+04 5.406e+04	-1.809e+05
					33.1	506.80	-1418.88	1355.17	-4.828e+04 7.569e+04	-2.091e+05
95	27	-1.159e+05-2.683e+04	4.24e-03	-123.24	0.0	-2145.27	-1561.30	-1146.60	-2.189e+04-2.683e+04	-1.159e+05
		-1.592e+05-6.317e+04	7.37e-04	0.0	16.6	-2152.77	-1622.92	-1146.60	-2.189e+04-4.500e+04	-1.370e+05
					33.1	-2160.27	-1684.55	-1146.60	-2.189e+04-6.317e+04	-1.592e+05

95	38-1.415e+05 3.920e+04 1.19e-03 -123.24 0.0 -29.34 -1455.56 750.06 -4.169e+04 1.477e+04 -1.415e+05
	-1.931e+05 1.477e+04 -1.42e-03 0.0 16.6 -36.84 -1517.18 750.06 -4.169e+04 2.698e+04 -1.668e+05
	33.1 -44.34 -1578.80 750.06 -4.169e+04 3.920e+04 -1.931e+05
95	39-1.281e+05 -9165.45 1.14e-03 -123.24 0.0 -1594.13 -1401.38 -541.50 -2.848e+04 -9165.45 -1.281e+05
	-1.751e+05 -2.668e+04 8.84e-04 0.0 16.6 -1601.63 -1463.00 -541.50 -2.848e+04 -1.792e+04 -1.511e+05
	33.1 -1609.13 -1524.62 -541.50 -2.848e+04 -2.668e+04 -1.751e+05
95	58-1.437e+05 3.879e+04 -1.33e-03 -123.24 0.0 -187.48 -1366.43 690.37 -4.130e+04 1.667e+04 -1.437e+05
	-1.959e+05 1.667e+04 -7.45e-04 0.0 16.6 -194.98 -1428.05 690.37 -4.130e+04 2.773e+04 -1.693e+05
	33.1 -202.48 -1489.67 690.37 -4.130e+04 3.879e+04 -1.959e+05
95	59-1.259e+05 -1.106e+04 2.36e-03 -123.24 0.0 -1435.99 -1490.51 -481.80 -2.887e+04 -1.106e+04 -1.259e+05
	-1.724e+05 -2.627e+04 2.10e-04 0.0 16.6 -1443.49 -1552.13 -481.80 -2.887e+04 -1.867e+04 -1.487e+05
	33.1 -1450.99 -1613.75 -481.80 -2.887e+04 -2.627e+04 -1.724e+05
95	70-1.409e+05 3.643e+04 1.19e-03 -123.24 0.0 -95.13 -1453.20 695.77 -4.113e+04 1.377e+04 -1.409e+05
	-1.924e+05 1.377e+04 -1.32e-03 0.0 16.6 -102.63 -1514.82 695.77 -4.113e+04 2.510e+04 -1.661e+05
	33.1 -110.13 -1576.44 695.77 -4.113e+04 3.643e+04 -1.924e+05
95	71-1.287e+05 -8158.78 1.14e-03 -123.24 0.0 -1528.34 -1403.74 -487.21 -2.904e+04 -1.604e+04 -1.518e+05
	-1.759e+05 -2.391e+04 7.87e-04 0.0 16.6 -1535.84 -1465.36 -487.21 -2.904e+04 -1.604e+04 -1.518e+05
	33.1 -1543.34 -1526.98 -487.21 -2.904e+04 -2.391e+04 -1.759e+05
95	90-1.429e+05 3.604e+04 -1.18e-03 -123.24 0.0 -240.18 -1371.69 640.91 -4.078e+04 1.550e+04 -1.429e+05
	-1.949e+05 1.550e+04 -7.05e-04 0.0 16.6 -247.68 -1433.31 640.91 -4.078e+04 3.604e+04 -1.949e+05
	33.1 -255.18 -1494.93 640.91 -4.078e+04 3.604e+04 -1.949e+05
95	91-1.267e+05 -9892.85 2.24e-03 -123.24 0.0 -1383.29 -1485.25 -432.34 -2.940e+04 -9892.85 -1.267e+05
	-1.734e+05 -2.353e+04 1.70e-04 0.0 16.6 -1390.79 -1546.87 -432.34 -2.940e+04 -1.671e+04 -1.495e+05
	33.1 -1398.29 -1608.49 -432.34 -2.940e+04 -2.353e+04 -1.734e+05
96	6-2.559e+05 -1.371e+05 -0.03 -411.20 0.0 4793.20 3705.54 2132.75 -1.504e+04 -2.068e+05 -3.700e+05
	-3.700e+05 -2.068e+05 -2.97e-03 0.0 15.8 4793.20 3499.90 2132.75 -1.504e+04 -1.720e+05 -3.113e+05
	31.7 4793.20 3294.34 2132.75 -1.504e+04 -1.371e+05 -2.559e+05
96	7-2.749e+05 -1.792e+05 -0.03 -411.20 0.0 -3577.20 4761.27 3419.19 662.49 -2.856e+05 -4.178e+05
	-4.178e+05 -2.856e+05 -3.83e-03 0.0 15.8 -3577.20 4555.63 3419.19 662.49 -2.324e+05 -3.448e+05
	31.7 -3577.20 4350.08 3419.19 662.49 -1.792e+05 -2.749e+05
96	26-2.552e+05 -1.451e+05 -0.02 -411.20 0.0 4380.11 3254.79 2115.16 -2.102e+04 -2.174e+05 -3.540e+05
	-3.540e+05 -2.174e+05 -2.75e-03 0.0 15.8 4380.11 3049.15 2115.16 -2.102e+04 -1.812e+05 -3.030e+05
	31.7 4380.11 2843.59 2115.16 -2.102e+04 -1.451e+05 -2.552e+05
96	27-2.757e+05 -1.712e+05 -0.03 -411.20 0.0 -3164.10 5212.03 3436.78 6643.17 -2.750e+05 -4.338e+05
	-4.338e+05 -2.750e+05 -4.06e-03 0.0 15.8 -3164.10 5006.39 3436.78 6643.17 -2.231e+05 -3.531e+05
	31.7 -3164.10 4800.83 3436.78 6643.17 -1.712e+05 -2.757e+05
96	38-2.609e+05 -1.481e+05 -0.03 -411.20 0.0 2594.94 3985.64 2470.02 -1.087e+04 -2.274e+05 -3.827e+05
	-3.827e+05 -2.274e+05 -3.20e-03 0.0 15.8 2594.94 3780.00 2470.02 -1.087e+04 -1.878e+05 -3.202e+05
	31.7 2594.94 3574.45 2470.02 -1.087e+04 -1.481e+05 -2.609e+05
96	39-2.699e+05 -1.681e+05 -0.03 -411.20 0.0 -1378.94 4481.17 3081.92 -3507.97 -2.650e+05 -4.052e+05
	-4.052e+05 -2.650e+05 -3.61e-03 0.0 15.8 -1378.94 4275.53 3081.92 -3507.97 -2.166e+05 -3.359e+05
	31.7 -1378.94 4069.97 3081.92 -3507.97 -1.681e+05 -2.699e+05
96	58-2.606e+05 -1.520e+05 -0.02 -411.20 0.0 2377.75 3774.60 2464.26 -1.366e+04 -2.326e+05 -3.752e+05
	-3.752e+05 -2.326e+05 -3.09e-03 0.0 15.8 2377.75 3568.96 2464.26 -1.366e+04 -1.923e+05 -3.163e+05
	31.7 2377.75 3363.40 2464.26 -1.366e+04 -1.520e+05 -2.606e+05
96	59-2.703e+05 -1.643e+05 -0.03 -411.20 0.0 -1161.75 4692.22 3087.69 -719.76 -2.598e+05 -4.126e+05
	-4.126e+05 -2.598e+05 -3.71e-03 0.0 15.8 -1161.75 4486.58 3087.69 -719.76 -2.121e+05 -3.398e+05
	31.7 -1161.75 4281.02 3087.69 -719.76 -1.643e+05 -2.703e+05
96	70-2.613e+05 -1.490e+05 -0.03 -411.20 0.0 2427.87 4006.55 2495.74 -1.056e+04 -2.290e+05 -3.836e+05
	-3.836e+05 -2.290e+05 -3.21e-03 0.0 15.8 2427.87 3800.91 2495.74 -1.056e+04 -1.890e+05 -3.208e+05
	31.7 2427.87 3595.35 2495.74 -1.056e+04 -1.490e+05 -2.613e+05
96	71-2.696e+05 -1.673e+05 -0.03 -411.20 0.0 -1211.87 4460.27 3056.21 -3818.80 -2.634e+05 -4.042e+05
	-4.042e+05 -2.634e+05 -3.59e-03 0.0 15.8 -1211.87 4254.63 3056.21 -3818.80 -2.153e+05 -3.353e+05
	31.7 -1211.87 4049.07 3056.21 -3818.80 -1.673e+05 -2.696e+05
96	90-2.610e+05 -1.525e+05 -0.02 -411.20 0.0 2228.46 3813.31 2490.52 -1.311e+04 -2.337e+05 -3.768e+05
	-3.768e+05 -2.337e+05 -3.12e-03 0.0 15.8 2228.46 3607.67 2490.52 -1.311e+04 -1.931e+05 -3.173e+05
	31.7 2228.46 3402.11 2490.52 -1.311e+04 -1.525e+05 -2.610e+05
96	91-2.698e+05 -1.638e+05 -0.03 -411.20 0.0 -1012.45 4653.51 3061.43 -1266.25 -2.587e+05 -4.111e+05
	-4.111e+05 -2.587e+05 -3.69e-03 0.0 15.8 -1012.45 4447.87 3061.43 -1266.25 -2.112e+05 -3.388e+05
	31.7 -1012.45 4242.31 3061.43 -1266.25 -1.638e+05 -2.698e+05
97	6-2.089e+05 -6.429e+04 -0.04 -410.88 0.0 5403.32 1798.33 2340.14 -3.407e+04 -1.374e+05 -2.585e+05
	-2.585e+05 -1.374e+05 -4.03e-03 0.0 15.8 5403.32 1592.85 2340.14 -3.407e+04 -1.009e+05 -2.320e+05
	31.7 5403.32 1387.45 2340.14 -3.407e+04 -6.429e+04 -2.089e+05
97	7-2.127e+05 -8.277e+04 -0.04 -410.88 0.0 -2507.90 2736.65 3082.39 -4.770e+04 -1.794e+05 -2.771e+05
	-2.771e+05 -1.794e+05 -5.09e-03 0.0 15.8 -2507.90 2531.17 3082.39 -4.770e+04 -1.311e+05 -2.433e+05
	31.7 -2507.90 2325.77 3082.39 -4.770e+04 -8.277e+04 -2.127e+05
97	25-1.898e+05 -5.226e+04 -0.05 -410.88 0.0 -433.56 2995.63 3145.76 -5.119e+04 -1.602e+05 -2.738e+05
	-2.738e+05 -1.602e+05 -5.07e-03 0.0 15.8 -433.56 2790.15 3145.76 -5.119e+04 -1.062e+05 -2.302e+05
	31.7 -433.56 2584.75 3145.76 -5.119e+04 -5.226e+04 -1.898e+05
97	27-1.943e+05 -6.086e+04 -0.05 -410.88 0.0 -2300.29 3133.64 3278.30 -5.324e+04 -1.715e+05 -2.779e+05
	-2.779e+05 -1.715e+05 -5.28e-03 0.0 15.8 -2300.29 2928.16 3278.30 -5.324e+04 -1.162e+05 -2.345e+05
	31.7 -2300.29 2722.76 3278.30 -5.324e+04 -6.086e+04 -1.943e+05
97	29-1.897e+05 -5.338e+04 -0.05 -410.88 0.0 -818.47 2998.15 3155.48 -5.121e+04 -1.618e+05 -2.739e+05
	-2.739e+05 -1.618e+05 -5.13e-03 0.0 15.8 -818.47 2792.67 3155.48 -5.121e+04 -1.076e+05 -2.302e+05
	31.7 -818.47 2587.27 3155.48 -5.121e+04 -5.338e+04 -1.897e+05
97	38-2.099e+05 -6.909e+04 -0.04 -410.88 0.0 3324.13 2047.16 2535.95 -3.769e+04 -1.484e+05 -2.634e+05
	-2.634e+05 -1.484e+05 -4.31e-03 0.0 15.8 3324.13 1841.68 2535.95 -3.769e+04 -1.088e+05 -2.350e+05

					31.7	3324.13	1636.28	2535.95	-3.769e+04	-6.909e+04	-2.099e+05	
97	39	-2.117e+05	-7.796e+04	-0.04	-410.88	0.0	-428.72	2487.82	2886.58	-4.408e+04	-1.684e+05	-2.722e+05
		-2.722e+05	-1.684e+05	-4.81e-03	0.0	15.8	-428.72	2282.34	2886.58	-4.408e+04	-1.232e+05	-2.403e+05
						31.7	-428.72	2076.94	2886.58	-4.408e+04	-7.796e+04	-2.117e+05
97	57	-2.009e+05	-6.355e+04	-0.04	-410.88	0.0	580.37	2608.78	2914.58	-4.570e+04	-1.592e+05	-2.706e+05
		-2.706e+05	-1.592e+05	-4.80e-03	0.0	15.8	580.37	2403.30	2914.58	-4.570e+04	-1.114e+05	-2.341e+05
						31.7	580.37	2197.90	2914.58	-4.570e+04	-6.355e+04	-2.009e+05
97	59	-2.031e+05	-6.764e+04	-0.04	-410.88	0.0	-309.30	2673.70	2977.51	-4.666e+04	-1.646e+05	-2.725e+05
		-2.725e+05	-1.646e+05	-4.90e-03	0.0	15.8	-309.30	2468.22	2977.51	-4.666e+04	-1.161e+05	-2.362e+05
						31.7	-309.30	2262.82	2977.51	-4.666e+04	-6.764e+04	-2.031e+05
97	61	-2.009e+05	-6.408e+04	-0.04	-410.88	0.0	395.56	2610.02	2919.28	-4.571e+04	-1.599e+05	-2.707e+05
		-2.707e+05	-1.599e+05	-4.83e-03	0.0	15.8	395.56	2404.54	2919.28	-4.571e+04	-1.120e+05	-2.341e+05
						31.7	395.56	2199.15	2919.28	-4.571e+04	-6.408e+04	-2.009e+05
97	70	-2.100e+05	-6.946e+04	-0.04	-410.88	0.0	3166.32	2065.75	2550.72	-3.796e+04	-1.493e+05	-2.637e+05
		-2.637e+05	-1.493e+05	-4.33e-03	0.0	15.8	3166.32	1860.27	2550.72	-3.796e+04	-1.094e+05	-2.352e+05
						31.7	3166.32	1654.87	2550.72	-3.796e+04	-6.946e+04	-2.100e+05
97	71	-2.116e+05	-7.759e+04	-0.04	-410.88	0.0	-270.90	2469.23	2871.81	-4.381e+04	-1.676e+05	-2.718e+05
		-2.718e+05	-1.676e+05	-4.79e-03	0.0	15.8	-270.90	2263.75	2871.81	-4.381e+04	-1.226e+05	-2.401e+05
						31.7	-270.90	2058.35	2871.81	-4.381e+04	-7.759e+04	-2.116e+05
97	89	-2.018e+05	-6.439e+04	-0.04	-410.88	0.0	653.89	2579.98	2897.42	-4.529e+04	-1.591e+05	-2.703e+05
		-2.703e+05	-1.591e+05	-4.78e-03	0.0	15.8	653.89	2374.50	2897.42	-4.529e+04	-1.118e+05	-2.344e+05
						31.7	653.89	2169.10	2897.42	-4.529e+04	-6.439e+04	-2.018e+05
97	91	-2.037e+05	-6.814e+04	-0.04	-410.88	0.0	-161.05	2639.43	2955.05	-4.618e+04	-1.640e+05	-2.721e+05
		-2.721e+05	-1.640e+05	-4.87e-03	0.0	15.8	-161.05	2433.95	2955.05	-4.618e+04	-1.161e+05	-2.363e+05
						31.7	-161.05	2228.55	2955.05	-4.618e+04	-6.814e+04	-2.037e+05
97	93	-2.017e+05	-6.488e+04	-0.04	-410.88	0.0	484.58	2581.12	2901.73	-4.530e+04	-1.598e+05	-2.704e+05
		-2.704e+05	-1.598e+05	-4.81e-03	0.0	15.8	484.58	2375.64	2901.73	-4.530e+04	-1.123e+05	-2.344e+05
						31.7	484.58	2170.24	2901.73	-4.530e+04	-6.488e+04	-2.017e+05
98	6	-1.823e+05	-1.877e+04	-0.05	-410.56	0.0	6413.50	1374.21	1054.01	-2.360e+04	-4.198e+04	-1.976e+05
		-2.162e+05	-6.519e+04	-4.25e-03	0.0	15.8	6413.50	1168.89	1054.01	-2.360e+04	-4.198e+04	-1.976e+05
						31.7	6413.50	963.65	1054.01	-2.360e+04	-1.877e+04	-1.823e+05
98	7	-1.822e+05	-6.788e+04	-0.05	-410.56	0.0	-1490.83	2528.35	1057.55	-2.798e+04	-8.364e+04	-2.200e+05
		-2.200e+05	-8.364e+04	-5.48e-03	0.0	15.8	-1490.83	2323.03	1057.55	-2.798e+04	-7.576e+04	-1.995e+05
						31.7	-1490.83	2117.79	1057.55	-2.798e+04	-6.788e+04	-1.822e+05
98	26	-2.285e+05	-6433.19	-0.04	-410.56	0.0	6345.93	894.02	1553.28	-2.211e+04	-8.724e+04	-2.361e+05
		-2.361e+05	-8.724e+04	-4.10e-03	0.0	15.8	6345.93	688.71	1553.28	-2.211e+04	-4.684e+04	-2.307e+05
						31.7	6345.93	483.47	1553.28	-2.211e+04	-6433.19	-2.285e+05
98	28	-2.373e+05	-1.533e+04	-0.04	-410.56	0.0	4508.49	1065.38	1652.85	-2.282e+04	-9.586e+04	-2.409e+05
		-2.409e+05	-9.586e+04	-4.35e-03	0.0	15.8	4508.49	860.06	1652.85	-2.282e+04	-5.559e+04	-2.377e+05
						31.7	4508.49	654.83	1652.85	-2.282e+04	-1.533e+04	-2.377e+05
98	29	-1.267e+05	-5.408e+04	-0.06	-410.56	0.0	20.09	2841.03	462.67	-2.876e+04	-5.408e+04	-1.952e+05
		-1.952e+05	-7.213e+04	-5.45e-03	0.0	15.8	20.09	2635.72	462.67	-2.876e+04	-6.310e+04	-1.593e+05
						31.7	20.09	2430.48	462.67	-2.876e+04	-7.213e+04	-1.267e+05
98	32	-2.373e+05	-1.453e+04	-0.04	-410.56	0.0	4902.57	1061.52	1648.90	-2.282e+04	-9.475e+04	-2.410e+05
		-2.410e+05	-9.475e+04	-4.28e-03	0.0	15.8	4902.57	856.20	1648.90	-2.282e+04	-5.464e+04	-2.377e+05
						31.7	4902.57	650.97	1648.90	-2.282e+04	-1.453e+04	-2.377e+05
98	38	-1.822e+05	-3.176e+04	-0.05	-410.56	0.0	4334.95	1680.14	1054.66	-2.477e+04	-6.998e+04	-2.172e+05
		-2.172e+05	-6.998e+04	-4.57e-03	0.0	15.8	4334.95	1474.82	1054.66	-2.477e+04	-5.087e+04	-1.981e+05
						31.7	4334.95	1269.58	1054.66	-2.477e+04	-3.176e+04	-1.822e+05
98	39	-1.822e+05	-5.489e+04	-0.05	-410.56	0.0	587.71	2222.42	1056.91	-2.682e+04	-7.885e+04	-2.190e+05
		-2.190e+05	-7.885e+04	-5.16e-03	0.0	15.8	587.71	2017.10	1056.91	-2.682e+04	-6.687e+04	-1.990e+05
						31.7	587.71	1811.86	1056.91	-2.682e+04	-5.489e+04	-1.822e+05
98	58	-2.039e+05	-2.605e+04	-0.04	-410.56	0.0	4281.36	1455.36	1287.60	-2.407e+04	-8.038e+04	-2.265e+05
		-2.265e+05	-8.038e+04	-4.50e-03	0.0	15.8	4281.36	1250.04	1287.60	-2.407e+04	-5.321e+04	-2.136e+05
						31.7	4281.36	1044.80	1287.60	-2.407e+04	-2.605e+04	-2.039e+05
98	60	-2.082e+05	-3.025e+04	-0.04	-410.56	0.0	3406.01	1536.04	1334.20	-2.440e+04	-8.448e+04	-2.288e+05
		-2.288e+05	-8.448e+04	-4.62e-03	0.0	15.8	3406.01	1330.72	1334.20	-2.440e+04	-5.737e+04	-2.169e+05
						31.7	3406.01	1125.48	1334.20	-2.440e+04	-3.025e+04	-2.082e+05
98	61	-1.562e+05	-5.679e+04	-0.05	-410.56	0.0	1327.47	2368.43	779.21	-2.718e+04	-6.488e+04	-2.073e+05
		-2.073e+05	-6.488e+04	-5.14e-03	0.0	15.8	1327.47	2163.11	779.21	-2.718e+04	-6.083e+04	-1.801e+05
						31.7	1327.47	1957.87	779.21	-2.718e+04	-5.679e+04	-1.562e+05
98	64	-2.083e+05	-2.987e+04	-0.04	-410.56	0.0	3595.19	1534.13	1332.35	-2.440e+04	-8.395e+04	-2.289e+05
		-2.289e+05	-8.395e+04	-4.59e-03	0.0	15.8	3595.19	1328.81	1332.35	-2.440e+04	-5.691e+04	-2.169e+05
						31.7	3595.19	1123.57	1332.35	-2.440e+04	-2.987e+04	-2.083e+05
98	70	-1.822e+05	-3.274e+04	-0.05	-410.56	0.0	4177.34	1703.01	1054.75	-2.485e+04	-7.036e+04	-2.172e+05
		-2.172e+05	-7.036e+04	-4.60e-03	0.0	15.8	4177.34	1497.69	1054.75	-2.485e+04	-5.155e+04	-1.981e+05
						31.7	4177.34	1292.45	1054.75	-2.485e+04	-3.274e+04	-2.172e+05
98	71	-1.822e+05	-5.392e+04	-0.05	-410.56	0.0	745.32	2199.55	1056.81	-2.673e+04	-7.848e+04	-2.190e+05
		-2.190e+05	-7.848e+04	-5.13e-03	0.0	15.8	745.32	1994.23	1056.81	-2.673e+04	-6.620e+04	-1.990e+05
						31.7	745.32	1788.99	1056.81	-2.673e+04	-5.392e+04	-1.822e+05
98	90	-2.021e+05	-2.750e+04	-0.04	-410.56	0.0	4127.76	1497.20	1268.01	-2.421e+04	-7.987e+04	-2.258e+05
		-2.258e+05	-7.987e+04	-4.53e-03	0.0	15.8	4127.76	1291.88	1268.01	-2.421e+04	-5.369e+04	-2.123e+05
						31.7	4127.76	1086.64	1268.01	-2.421e+04	-2.750e+04	-2.021e+05
98	92	-2.060e+05	-3.136e+04	-0.04	-410.56	0.0	3325.95	1571.07	1310.67	-2.452e+04	-8.363e+04	-2.279e+05
		-2.279e+05	-8.363e+04	-4.64e-03	0.0	15.8	3325.95	1365.75	1310.67	-2.452e+04	-5.749e+04	-2.153e+05
						31.7	3325.95	1160.52	1310.67	-2.452e+04	-3.136e+04	-2.060e+05
98	93	-1.584e+05	-5.565e+04	-0.05	-410.56	0.0	1423.39	2333.23	802.58	-2.706e+04	-6.569e+04	-2.083e+05

		-2.083e+05 -6.569e+04	-5.12e-03	0.0	15.8	1423.39	2127.91	802.58 -2.706e+04 -6.067e+04 -1.817e+05
					31.7	1423.39	1922.68	802.58 -2.706e+04 -5.565e+04 -1.584e+05
98	96	-2.061e+05 -3.101e+04	-0.04	-410.56	0.0	3499.28	1569.32	1308.98 -2.452e+04 -8.314e+04 -2.279e+05
		-2.279e+05 -8.314e+04	-4.61e-03	0.0	15.8	3499.28	1364.01	1308.98 -2.452e+04 -5.708e+04 -2.154e+05
					31.7	3499.28	1158.77	1308.98 -2.452e+04 -3.101e+04 -2.061e+05
99	2	-2565.52 -4.514e+04	-2.41e-03	-297.80	0.0	2627.24	128.84	-62.10 2.629e+04 -4.514e+04 -6604.10
		-6604.10 -4.646e+04	-1.31e-03	0.0	11.6	2627.24	-20.04	-62.10 2.629e+04 -4.580e+04 -3722.73
					23.2	2627.24	-168.96	-62.10 2.629e+04 -4.646e+04 -2565.52
99	3	4.107e+04 5.013e+04	-2.15e-03	-297.80	0.0	-2084.11	344.10	348.73 2.858e+04 4.188e+04 3.603e+04
		3.603e+04 4.188e+04	6.99e-04	0.0	11.6	-2084.11	195.22	348.73 2.858e+04 4.600e+04 3.941e+04
					23.2	-2084.11	46.30	348.73 2.858e+04 5.013e+04 4.107e+04
99	26	-3729.29 -2.800e+04	-2.91e-03	-297.80	0.0	2710.32	124.02	219.12 2.944e+04 -3.168e+04 -9675.48
		-9675.48 -3.168e+04	-1.26e-03	0.0	11.6	2710.32	-24.85	219.12 2.944e+04 -2.984e+04 -5840.30
					23.2	2710.32	-173.77	219.12 2.944e+04 -2.800e+04 -3729.29
99	27	4.224e+04 3.167e+04	-1.65e-03	-297.80	0.0	-2167.19	348.91	67.51 2.543e+04 2.841e+04 3.910e+04
		3.910e+04 2.841e+04	6.49e-04	0.0	11.6	-2167.19	200.04	67.51 2.543e+04 3.167e+04 4.224e+04
					23.2	-2167.19	51.12	67.51 2.543e+04 3.167e+04 4.224e+04
99	34	9022.41 -2.111e+04	-2.33e-03	-297.80	0.0	1386.98	185.62	44.90 2.689e+04 -2.228e+04 4750.66
		4750.66 -2.228e+04	-7.82e-04	0.0	11.6	1386.98	36.75	44.90 2.689e+04 -2.170e+04 7748.61
					23.2	1386.98	-112.17	44.90 2.689e+04 -2.111e+04 9022.41
99	35	2.948e+04 2.478e+04	-2.23e-03	-297.80	0.0	-843.85	287.31	241.73 2.799e+04 1.902e+04 2.467e+04
		2.467e+04 1.902e+04	1.73e-04	0.0	11.6	-843.85	138.44	241.73 2.799e+04 2.190e+04 2.794e+04
					23.2	-843.85	-10.48	241.73 2.799e+04 2.478e+04 2.948e+04
99	58	8641.02 -1.216e+04	-2.57e-03	-297.80	0.0	1413.44	184.14	177.71 2.835e+04 -1.571e+04 3463.43
		3463.43 -1.571e+04	-7.53e-04	0.0	11.6	1413.44	35.27	177.71 2.835e+04 -1.393e+04 6914.31
					23.2	1413.44	-113.65	177.71 2.835e+04 -1.216e+04 8641.02
99	59	2.987e+04 1.583e+04	-1.99e-03	-297.80	0.0	-870.31	288.79	108.92 2.652e+04 1.245e+04 2.596e+04
		2.596e+04 1.245e+04	1.44e-04	0.0	11.6	-870.31	139.92	108.92 2.652e+04 1.414e+04 2.878e+04
					23.2	-870.31	-9.00	108.92 2.652e+04 1.583e+04 2.987e+04
99	66	9886.12 -1.918e+04	-2.33e-03	-297.80	0.0	1293.12	189.90	53.16 2.693e+04 -2.055e+04 5592.43
		5592.43 -2.055e+04	-7.42e-04	0.0	11.6	1293.12	41.03	53.16 2.693e+04 -1.986e+04 8601.36
					23.2	1293.12	-107.89	53.16 2.693e+04 -1.918e+04 9886.12
99	67	2.862e+04 2.285e+04	-2.23e-03	-297.80	0.0	-749.99	283.03	233.47 2.794e+04 -1.275e+04 2.383e+04
		2.383e+04 1.728e+04	1.33e-04	0.0	11.6	-749.99	134.16	233.47 2.794e+04 2.007e+04 2.709e+04
					23.2	-749.99	-14.76	233.47 2.794e+04 2.285e+04 2.862e+04
99	90	9540.41 -1.098e+04	-2.54e-03	-297.80	0.0	1317.06	188.57	174.78 2.827e+04 -1.452e+04 4417.04
		4417.04 -1.452e+04	-7.15e-04	0.0	11.6	1317.06	39.69	174.78 2.827e+04 -1.275e+04 7840.81
					23.2	1317.06	-109.23	174.78 2.827e+04 -1.098e+04 9540.41
99	91	2.897e+04 1.465e+04	-2.02e-03	-297.80	0.0	-773.93	284.37	111.85 2.660e+04 1.126e+04 2.501e+04
		2.501e+04 1.126e+04	1.06e-04	0.0	11.6	-773.93	135.49	111.85 2.660e+04 1.295e+04 2.785e+04
					23.2	-773.93	-13.43	111.85 2.660e+04 1.465e+04 2.897e+04
100	6	-1.420e+05 -3.061e+04	3.70e-03	-296.26	0.0	6609.19	1912.04	-702.74 9955.39 -3.061e+04 -1.865e+05
		-1.865e+05 -5.147e+04	3.90e-04	0.0	11.6	6609.19	1763.93	-702.74 9955.39 -4.104e+04 -1.634e+05
					23.2	6609.19	1615.78	-702.74 9955.39 -5.147e+04 -1.420e+05
100	7	-1.747e+05 -8.759e+04	0.01	-296.26	0.0	-7262.81	2355.33	1959.85 1.903e+04 -1.377e+05 -2.252e+05
		-2.252e+05 -1.377e+05	8.40e-04	0.0	11.6	-7262.81	2207.22	1959.85 1.903e+04 -1.127e+05 -1.991e+05
					23.2	-7262.81	2059.07	1959.85 1.903e+04 -8.759e+04 -1.747e+05
100	37	-1.536e+05 -5.493e+04	5.42e-03	-296.26	0.0	2369.81	2099.13	208.84 1.295e+04 -6.337e+04 -2.003e+05
		-2.003e+05 -6.337e+04	4.76e-04	0.0	11.6	2369.81	1951.02	208.84 1.295e+04 -5.915e+04 -1.761e+05
					23.2	2369.81	1802.87	208.84 1.295e+04 -5.493e+04 -1.536e+05
100	38	-1.506e+05 -5.867e+04	5.95e-03	-296.26	0.0	2974.85	2031.13	-3.45 1.233e+04 -5.867e+04 -1.967e+05
		-1.967e+05 -6.086e+04	5.05e-04	0.0	11.6	2974.85	1883.03	-3.45 1.233e+04 -5.976e+04 -1.728e+05
					23.2	2974.85	1734.87	-3.45 1.233e+04 -6.086e+04 -1.506e+05
100	39	-1.661e+05 -7.820e+04	9.86e-03	-296.26	0.0	-3628.47	2236.23	1260.56 1.665e+04 -1.097e+05 -2.150e+05
		-2.150e+05 -1.097e+05	7.25e-04	0.0	11.6	-3628.47	2088.13	1260.56 1.665e+04 -9.394e+04 -1.897e+05
					23.2	-3628.47	1939.97	1260.56 1.665e+04 -7.820e+04 -1.661e+05
100	69	-1.540e+05 -5.616e+04	5.63e-03	-296.26	0.0	2143.56	2102.05	244.03 1.308e+04 -6.512e+04 -2.008e+05
		-2.008e+05 -6.512e+04	4.87e-04	0.0	11.6	2143.56	1953.95	244.03 1.308e+04 -6.064e+04 -1.765e+05
					23.2	2143.56	1805.79	244.03 1.308e+04 -5.616e+04 -1.540e+05
100	70	-1.512e+05 -6.081e+04	6.12e-03	-296.26	0.0	2697.43	2039.84	49.69 1.252e+04 -6.081e+04 -1.974e+05
		-1.974e+05 -6.158e+04	5.14e-04	0.0	11.6	2697.43	1891.73	49.69 1.252e+04 -6.120e+04 -1.735e+05
					23.2	2697.43	1743.57	49.69 1.252e+04 -6.158e+04 -1.512e+05
100	71	-1.655e+05 -7.747e+04	9.69e-03	-296.26	0.0	-3351.05	2227.53	1207.42 1.647e+04 -1.075e+05 -2.142e+05
		-2.142e+05 -1.075e+05	7.16e-04	0.0	11.6	-3351.05	2079.42	1207.42 1.647e+04 -9.251e+04 -1.890e+05
					23.2	-3351.05	1931.27	1207.42 1.647e+04 -7.747e+04 -1.655e+05
101	2	5.604e+04 -3.615e+04	8.92e-04	-485.11	0.0	284.94	71.45	314.94 3775.64 -4.895e+04 5.540e+04
		5.055e+04 -4.895e+04	-3.83e-03	0.0	20.4	284.94	-170.73	314.94 3775.64 -4.255e+04 5.545e+04
					40.8	284.94	-413.66	314.94 3775.64 -3.615e+04 5.055e+04
101	3	4.632e+04 6.012e+04	8.80e-04	-485.11	0.0	488.95	-75.75	-378.72 3.066e+04 6.012e+04 4.632e+04
		3.580e+04 4.472e+04	3.52e-03	0.0	20.4	488.95	-317.93	-378.72 3.066e+04 5.242e+04 4.353e+04
					40.8	488.95	-560.86	-378.72 3.066e+04 4.472e+04 3.580e+04
101	7	4.629e+04 5.988e+04	8.83e-04	-485.11	0.0	508.58	-74.81	-377.82 3.084e+04 5.988e+04 4.629e+04
		3.576e+04 4.452e+04	3.58e-03	0.0	20.4	508.58	-316.99	-377.82 3.084e+04 5.220e+04 4.350e+04
					40.8	508.58	-559.92	-377.82 3.084e+04 4.452e+04 3.576e+04
101	9	5.210e+04 -1328.66	6.33e-04	-485.11	0.0	-24.02	58.59	48.81 8279.63 -3327.46 5.169e+04
		4.587e+04 -3327.46	-2.02e-03	0.0	20.4	-24.02	-183.59	48.81 8279.63 -2328.06 5.125e+04
					40.8	-24.02	-426.52	48.81 8279.63 -1328.66 4.587e+04

101	12	5.003e+04	1.450e+04	1.14e-03	-485.11	0.0	797.90	-62.89	-112.59	2.616e+04	1.450e+04	5.003e+04
		4.048e+04	9901.94	1.71e-03	0.0	20.4	797.90	-305.07	-112.59	2.616e+04	1.220e+04	4.773e+04
						40.8	797.90	-548.00	-112.59	2.616e+04	9901.94	4.048e+04
101	26	5.614e+04	-1.848e+04	1.02e-03	-485.11	0.0	534.83	-1.35	180.81	1.070e+04	-2.576e+04	5.592e+04
		4.907e+04	-2.576e+04	-1.92e-03	0.0	20.4	534.83	-243.53	180.81	1.070e+04	-2.212e+04	5.496e+04
						40.8	534.83	-486.46	180.81	1.070e+04	-1.848e+04	4.907e+04
101	34	5.330e+04	-1.493e+04	8.84e-04	-485.11	0.0	338.37	33.10	133.03	1.080e+04	-2.034e+04	5.298e+04
		4.666e+04	-2.034e+04	-1.91e-03	0.0	20.4	338.37	-209.08	133.03	1.080e+04	-1.764e+04	5.229e+04
						40.8	338.37	-452.01	133.03	1.080e+04	-1.493e+04	4.666e+04
101	35	4.875e+04	3.151e+04	8.88e-04	-485.11	0.0	435.52	-37.39	-196.82	2.363e+04	3.151e+04	4.874e+04
		3.969e+04	2.351e+04	1.60e-03	0.0	20.4	435.52	-279.58	-196.82	2.363e+04	2.751e+04	4.669e+04
						40.8	435.52	-522.50	-196.82	2.363e+04	2.351e+04	3.969e+04
101	39	4.874e+04	3.141e+04	8.90e-04	-485.11	0.0	444.71	-36.94	-196.43	2.372e+04	3.141e+04	4.873e+04
		3.967e+04	2.342e+04	1.63e-03	0.0	20.4	444.71	-279.13	-196.43	2.372e+04	2.741e+04	4.667e+04
						40.8	444.71	-522.06	-196.43	2.372e+04	2.342e+04	3.967e+04
101	41	5.149e+04	1566.40	7.65e-04	-485.11	0.0	193.31	26.67	6.93	1.295e+04	1279.10	5.125e+04
		4.447e+04	1279.10	-1.05e-03	0.0	20.4	193.31	-215.51	6.93	1.295e+04	1422.75	5.033e+04
						40.8	193.31	-458.44	6.93	1.295e+04	1566.40	4.447e+04
101	44	5.051e+04	9893.97	1.01e-03	-485.11	0.0	580.58	-30.97	-70.72	2.149e+04	9893.97	5.046e+04
		4.188e+04	7006.87	7.37e-04	0.0	20.4	580.58	-273.15	-70.72	2.149e+04	8450.42	4.865e+04
						40.8	580.58	-516.08	-70.72	2.149e+04	7006.87	4.188e+04
101	58	5.336e+04	-6398.22	9.44e-04	-485.11	0.0	453.32	-1.37	68.00	1.413e+04	-9127.62	5.319e+04
		4.591e+04	-9127.62	-9.97e-04	0.0	20.4	453.32	-243.55	68.00	1.413e+04	-7762.92	5.202e+04
						40.8	453.32	-486.48	68.00	1.413e+04	-6398.22	4.591e+04
101	66	5.310e+04	-1.332e+04	8.83e-04	-485.11	0.0	342.44	30.14	119.17	1.134e+04	-1.816e+04	5.280e+04
		4.637e+04	-1.816e+04	-1.76e-03	0.0	20.4	342.44	-212.04	119.17	1.134e+04	-1.574e+04	5.206e+04
						40.8	342.44	-454.97	119.17	1.134e+04	-1.332e+04	4.637e+04
101	67	4.894e+04	2.933e+04	8.88e-04	-485.11	0.0	431.45	-34.44	-182.96	2.309e+04	2.933e+04	4.892e+04
		3.998e+04	2.189e+04	1.45e-03	0.0	20.4	431.45	-276.62	-182.96	2.309e+04	2.561e+04	4.692e+04
						40.8	431.45	-519.55	-182.96	2.309e+04	2.189e+04	3.998e+04
101	71	4.893e+04	2.924e+04	8.90e-04	-485.11	0.0	439.86	-34.02	-182.60	2.317e+04	2.924e+04	4.891e+04
		3.996e+04	2.181e+04	1.48e-03	0.0	20.4	439.86	-276.21	-182.60	2.317e+04	2.552e+04	4.691e+04
						40.8	439.86	-519.13	-182.60	2.317e+04	2.181e+04	3.996e+04
101	73	5.144e+04	1793.79	7.75e-04	-485.11	0.0	209.62	24.25	3.68	1.331e+04	1639.45	5.122e+04
		4.436e+04	1639.45	-9.72e-04	0.0	20.4	209.62	-217.94	3.68	1.331e+04	1716.62	5.026e+04
						40.8	209.62	-460.86	3.68	1.331e+04	1793.79	4.436e+04
101	76	5.054e+04	9533.63	9.97e-04	-485.11	0.0	564.27	-28.54	-67.47	2.113e+04	9533.63	5.050e+04
		4.199e+04	6779.48	6.62e-04	0.0	20.4	564.27	-270.72	-67.47	2.113e+04	8156.55	4.872e+04
						40.8	564.27	-513.65	-67.47	2.113e+04	6779.48	4.199e+04
101	90	5.316e+04	-5496.93	9.39e-04	-485.11	0.0	447.64	-1.43	59.57	1.439e+04	-7886.56	5.299e+04
		4.567e+04	-7886.56	-9.26e-04	0.0	20.4	447.64	-243.61	59.57	1.439e+04	-6691.74	5.180e+04
						40.8	447.64	-486.54	59.57	1.439e+04	-5496.93	4.567e+04
102	16	1064.01	7.938e+04	0.01	-215.93	0.0	-1134.67	56.83	953.56	2.413e+04	-5.799e+04	-10.69
		-7376.49	-5.799e+04	-0.08	0.0	72.0	-1138.65	-51.13	953.56	2.413e+04	1.070e+04	194.61
						144.1	-1142.63	-159.10	953.56	2.413e+04	7.938e+04	-7376.49
102	25	-11.12	-9915.71	-2.53e-03	-215.93	0.0	-1808.22	-9.08	-18.39	2.635e+04	-9915.71	-11.12
		-1.687e+04	-1.257e+04	0.03	0.0	72.0	-1812.21	-117.05	-18.39	2.635e+04	-1.124e+04	-4553.50
						144.1	-1816.19	-225.01	-18.39	2.635e+04	-1.257e+04	-1.687e+04
102	28	1246.13	3.969e+04	7.56e-03	-215.93	0.0	1318.01	61.67	532.18	2.603e+04	-3.698e+04	-11.16
		-6680.40	-3.698e+04	-0.05	0.0	72.0	1314.02	-46.30	532.18	2.603e+04	1354.94	542.42
						144.1	1310.04	-154.26	532.18	2.603e+04	3.969e+04	-6680.40
102	30	755.20	1.226e+04	4.04e-03	-215.93	0.0	2023.42	48.28	241.94	2.726e+04	-2.259e+04	-11.48
		-8609.38	-2.259e+04	-0.02	0.0	72.0	2019.44	-59.69	241.94	2.726e+04	-5165.49	-422.22
						144.1	2015.46	-167.65	241.94	2.726e+04	1.226e+04	-8609.38
102	31	-10.80	1.486e+04	1.98e-03	-215.93	0.0	-2513.64	4.31	271.86	2.513e+04	-2.430e+04	-10.80
		-1.494e+04	-2.430e+04	1.60e-03	0.0	72.0	-2517.62	-103.66	271.86	2.513e+04	-4723.87	-3588.86
						144.1	-2521.61	-211.63	271.86	2.513e+04	1.486e+04	-1.494e+04
102	48	538.84	4.492e+04	7.14e-03	-215.93	0.0	-669.22	40.60	588.85	2.521e+04	-3.991e+04	-10.93
		-9715.48	-3.991e+04	-0.04	0.0	72.0	-673.20	-67.37	588.85	2.521e+04	2507.58	-975.00
						144.1	-677.18	-175.33	588.85	2.521e+04	4.492e+04	-9715.48
102	57	18.08	1179.08	1.29e-03	-215.93	0.0	-973.65	9.99	126.47	2.627e+04	-1.704e+04	-11.13
		-1.412e+04	-1.704e+04	7.31e-03	0.0	72.0	-977.64	-97.97	126.47	2.627e+04	-7928.08	-3179.59
						144.1	-981.62	-205.94	126.47	2.627e+04	1179.08	-1.412e+04
102	60	592.52	2.594e+04	4.88e-03	-215.93	0.0	483.44	42.59	387.33	2.611e+04	-2.986e+04	-11.15
		-9428.23	-2.986e+04	-0.03	0.0	72.0	479.46	-65.37	387.33	2.611e+04	-1961.27	-831.49
						144.1	475.47	-173.34	387.33	2.611e+04	2.594e+04	-9428.23
102	62	421.77	1.286e+04	3.27e-03	-215.93	0.0	816.28	36.28	248.93	2.669e+04	-2.300e+04	-11.30
		-1.034e+04	-2.300e+04	-0.02	0.0	72.0	812.30	-71.69	248.93	2.669e+04	-5069.55	-1286.56
						144.1	808.32	-179.66	248.93	2.669e+04	1.286e+04	-1.034e+04
102	63	75.10	1.426e+04	2.36e-03	-215.93	0.0	-1306.50	16.31	264.86	2.569e+04	-2.390e+04	-10.98
		-1.321e+04	-2.390e+04	-5.86e-03	0.0	72.0	-1310.48	-91.66	264.86	2.569e+04	-4819.80	-2724.52
						144.1	-1314.47	-199.62	264.86	2.569e+04	1.426e+04	-1.321e+04
102	80	506.22	4.229e+04	6.75e-03	-215.93	0.0	-633.60	39.39	560.97	2.529e+04	-3.852e+04	-10.95
		-9889.41	-3.852e+04	-0.04	0.0	72.0	-637.58	-68.57	560.97	2.529e+04	1881.56	-1061.97
						144.1	-641.56	-176.54	560.97	2.529e+04	4.229e+04	-9889.41
102	89	30.52	2220.61	1.39e-03	-215.93	0.0	-912.08	11.37	137.44	2.627e+04	-1.757e+04	-11.13
		-1.393e+04	-1.757e+04	5.80e-03	0.0	72.0	-916.07	-96.59	137.44	2.627e+04	-7677.06	-3080.06

102	92	555.20	2.490e+04	4.68e-03	-215.93	144.1	-920.05	-204.56	137.44	2.627e+04	2220.61	-1.393e+04
		-9627.30	-2.932e+04	-0.03	0.0	0.0	421.87	41.21	376.35	2.611e+04	-2.932e+04	-11.15
						72.0	417.88	-66.75	376.35	2.611e+04	-2212.29	-931.02
102	94	398.83	1.292e+04	3.22e-03	-215.93	144.1	413.90	-174.72	376.35	2.611e+04	2.490e+04	-9627.30
		-1.046e+04	-2.304e+04	-0.02	0.0	0.0	726.68	35.43	249.58	2.665e+04	-2.304e+04	-11.29
						72.0	722.70	-72.54	249.58	2.665e+04	-5059.51	-1347.77
102	95	82.74	1.420e+04	2.39e-03	-215.93	144.1	718.71	-180.51	249.58	2.665e+04	1.292e+04	-1.046e+04
		-1.309e+04	-2.386e+04	-6.26e-03	0.0	0.0	-1216.89	17.16	264.21	2.573e+04	-2.386e+04	-11.00
						72.0	-1220.88	-90.81	264.21	2.573e+04	-4829.84	-2663.31
						144.1	-1224.86	-198.77	264.21	2.573e+04	1.420e+04	-1.309e+04
103	1	1.652e+04	-7936.31	-3.30e-03	-75.45	0.0	-2043.60	989.27	-67.93	5.006e+04	-7936.31	4920.93
		4920.93	-8941.34	-1.60e-03	0.0	7.6	-2037.31	951.57	-67.93	5.006e+04	-8438.82	1.086e+04
						15.2	-2031.01	913.83	-67.93	5.006e+04	-8941.34	1.652e+04
103	4	1.277e+04	5.463e+04	-3.62e-03	-75.45	0.0	2108.12	859.19	499.78	4.606e+04	4.704e+04	1265.04
		1265.04	4.704e+04	7.31e-04	0.0	7.6	2114.41	821.48	499.78	4.606e+04	5.084e+04	7162.87
						15.2	2120.71	783.74	499.78	4.606e+04	5.463e+04	1.277e+04
103	18	2.100e+04	3.572e+04	-3.58e-03	-75.45	0.0	308.96	850.20	321.02	4.648e+04	3.085e+04	1.036e+04
		1.036e+04	3.085e+04	-7.43e-04	0.0	7.6	315.25	812.49	321.02	4.648e+04	3.328e+04	1.582e+04
						15.2	321.55	774.75	321.02	4.648e+04	3.572e+04	2.100e+04
103	19	8291.66	9974.20	-3.34e-03	-75.45	0.0	-244.44	998.27	110.83	4.964e+04	8261.10	-4173.53
		-4173.53	8261.10	-1.31e-04	0.0	7.6	-238.15	960.56	110.83	4.964e+04	9117.65	2202.31
						15.2	-231.85	922.82	110.83	4.964e+04	9974.20	8291.66
103	33	1.552e+04	7756.39	-3.38e-03	-75.45	0.0	-955.01	954.01	81.21	4.897e+04	6504.29	3941.67
		3941.67	6504.29	-9.95e-04	0.0	7.6	-948.72	916.30	81.21	4.897e+04	7130.34	9873.58
						15.2	-942.42	878.56	81.21	4.897e+04	7756.39	1.552e+04
103	36	1.377e+04	3.794e+04	-3.54e-03	-75.45	0.0	1019.53	894.46	350.63	4.715e+04	3.260e+04	2244.30
		2244.30	3.260e+04	1.21e-04	0.0	7.6	1025.82	856.75	350.63	4.715e+04	3.527e+04	8152.59
						15.2	1032.12	819.01	350.63	4.715e+04	3.794e+04	1.377e+04
103	50	1.758e+04	2.877e+04	-3.51e-03	-75.45	0.0	153.39	890.09	264.14	4.733e+04	2.475e+04	6458.28
		6458.28	2.475e+04	-5.83e-04	0.0	7.6	159.68	852.39	264.14	4.733e+04	2.676e+04	1.216e+04
						15.2	165.98	814.65	264.14	4.733e+04	2.877e+04	1.758e+04
103	51	1.171e+04	1.693e+04	-3.41e-03	-75.45	0.0	-88.87	958.37	167.71	4.879e+04	1.436e+04	-272.31
		-272.31	1.436e+04	-2.91e-04	0.0	7.6	-82.58	920.67	167.71	4.879e+04	1.564e+04	5862.37
						15.2	-76.28	882.92	167.71	4.879e+04	1.693e+04	1.171e+04
103	65	1.545e+04	9025.24	-3.39e-03	-75.45	0.0	-872.03	951.48	92.54	4.889e+04	7601.63	3869.88
		3869.88	7601.63	-9.48e-04	0.0	7.6	-865.74	913.77	92.54	4.889e+04	8313.43	9800.83
						15.2	-859.44	876.03	92.54	4.889e+04	9025.24	1.545e+04
103	68	1.385e+04	3.667e+04	-3.53e-03	-75.45	0.0	936.55	896.99	339.31	4.723e+04	3.151e+04	2316.09
		2316.09	3.151e+04	7.45e-05	0.0	7.6	942.84	859.28	339.31	4.723e+04	3.409e+04	8225.34
						15.2	949.14	821.54	339.31	4.723e+04	3.667e+04	1.385e+04
103	82	1.733e+04	2.826e+04	-3.51e-03	-75.45	0.0	142.97	892.99	260.05	4.739e+04	2.431e+04	6173.37
		6173.37	2.431e+04	-5.70e-04	0.0	7.6	149.26	855.28	260.05	4.739e+04	2.629e+04	1.190e+04
						15.2	155.56	817.54	260.05	4.739e+04	2.826e+04	1.733e+04
103	83	1.196e+04	1.743e+04	-3.41e-03	-75.45	0.0	-78.45	955.48	171.80	4.873e+04	1.480e+04	12.60
		12.60	1.480e+04	-3.04e-04	0.0	7.6	-72.16	917.77	171.80	4.873e+04	1.611e+04	6129.19
						15.2	-65.86	880.03	171.80	4.873e+04	1.743e+04	1.196e+04
104	1	4.904e+04	2473.37	-5.84e-03	-151.98	0.0	-3920.00	707.69	350.50	5.510e+04	-7123.26	3.309e+04
		3.309e+04	-7123.26	-1.18e-03	0.0	15.2	-3907.34	631.78	350.50	5.510e+04	-2324.95	4.164e+04
						30.4	-3894.64	555.71	350.50	5.510e+04	2473.37	4.904e+04
104	4	4.677e+04	7.846e+04	-5.28e-03	-151.98	0.0	1829.34	748.02	303.31	4.823e+04	6.815e+04	3.053e+04
		3.053e+04	6.815e+04	-3.20e-04	0.0	15.2	1842.01	672.11	303.31	4.823e+04	7.331e+04	3.923e+04
						30.4	1854.71	596.04	303.31	4.823e+04	7.846e+04	4.677e+04
104	22	5.298e+04	5.571e+04	-6.10e-03	-151.98	0.0	-212.79	647.38	318.03	4.868e+04	4.599e+04	3.726e+04
		3.726e+04	4.599e+04	-8.23e-03	0.0	15.2	-200.12	571.46	318.03	4.868e+04	5.085e+04	4.570e+04
						30.4	-187.43	495.40	318.03	4.868e+04	5.571e+04	5.298e+04
104	23	4.284e+04	2.523e+04	-5.02e-03	-151.98	0.0	-1877.87	808.34	335.78	5.465e+04	1.504e+04	2.636e+04
		2.636e+04	1.504e+04	6.73e-03	0.0	15.2	-1865.20	732.43	335.78	5.465e+04	2.014e+04	3.518e+04
						30.4	-1852.51	656.36	335.78	5.465e+04	2.523e+04	4.284e+04
104	33	4.842e+04	2.243e+04	-5.70e-03	-151.98	0.0	-2412.58	718.43	337.87	5.327e+04	1.265e+04	3.240e+04
		3.240e+04	1.265e+04	-9.77e-04	0.0	15.2	-2399.91	642.51	337.87	5.327e+04	1.754e+04	4.099e+04
						30.4	-2387.22	566.45	337.87	5.327e+04	2.243e+04	4.842e+04
104	36	4.739e+04	5.851e+04	-5.42e-03	-151.98	0.0	321.92	737.29	315.94	5.006e+04	4.838e+04	3.122e+04
		3.122e+04	4.838e+04	-5.23e-04	0.0	15.2	334.59	661.37	315.94	5.006e+04	5.344e+04	3.988e+04
						30.4	347.28	585.31	315.94	5.006e+04	5.851e+04	4.739e+04
104	54	5.021e+04	4.749e+04	-5.81e-03	-151.98	0.0	-663.26	690.74	322.79	5.028e+04	3.764e+04	3.431e+04
		3.431e+04	3.764e+04	-4.26e-03	0.0	15.2	-650.59	614.82	322.79	5.028e+04	4.256e+04	4.284e+04
						30.4	-637.90	538.76	322.79	5.028e+04	4.749e+04	5.021e+04
104	55	4.561e+04	3.345e+04	-5.31e-03	-151.98	0.0	-1427.40	764.98	331.02	5.306e+04	2.339e+04	2.931e+04
		2.931e+04	2.339e+04	2.75e-03	0.0	15.2	-1414.73	689.06	331.02	5.306e+04	2.842e+04	3.804e+04
						30.4	-1402.04	613.00	331.02	5.306e+04	3.345e+04	4.561e+04
104	65	4.838e+04	2.395e+04	-5.68e-03	-151.98	0.0	-2297.67	719.22	336.94	5.314e+04	1.415e+04	2.335e+04
		3.235e+04	1.415e+04	-9.59e-04	0.0	15.2	-2285.01	643.31	336.94	5.314e+04	1.905e+04	4.094e+04
						30.4	-2272.31	567.24	336.94	5.314e+04	2.395e+04	4.838e+04
104	68	4.743e+04	5.699e+04	-5.43e-03	-151.98	0.0	207.01	736.49	316.87	5.020e+04	4.688e+04	3.127e+04
		3.127e+04	4.688e+04	-5.42e-04	0.0	15.2	219.68	660.58	316.87	5.020e+04	5.193e+04	3.993e+04
						30.4	232.37	584.51	316.87	5.020e+04	5.699e+04	4.743e+04
104	86	5.001e+04	4.689e+04	-5.79e-03	-151.98	0.0	-695.69	693.88	323.14	5.039e+04	3.704e+04	3.409e+04

		3.409e+04	3.704e+04	-3.96e-03	0.0	15.2	-683.02	617.97	323.14	5.039e+04	4.196e+04	4.263e+04
						30.4	-670.33	541.90	323.14	5.039e+04	4.689e+04	5.001e+04
104	87	4.580e+04	3.405e+04	-5.33e-03	-151.98	0.0	-1394.97	761.83	330.67	5.294e+04	2.399e+04	2.952e+04
		2.952e+04	2.399e+04	2.46e-03	0.0	15.2	-1382.30	685.92	330.67	5.294e+04	2.902e+04	3.824e+04
						30.4	-1369.61	609.85	330.67	5.294e+04	3.405e+04	4.580e+04
105	1	5.808e+04	1.849e+04	-2.11e-03	-76.38	0.0	-5527.34	467.43	565.08	5.678e+04	9935.40	5.291e+04
		5.291e+04	9935.40	-1.56e-03	0.0	7.6	-5520.97	429.26	565.08	5.678e+04	1.421e+04	5.564e+04
						15.2	-5514.59	391.06	565.08	5.678e+04	1.849e+04	5.808e+04
105	4	5.542e+04	8.652e+04	-1.67e-03	-76.38	0.0	1532.73	515.62	255.31	4.852e+04	8.259e+04	5.064e+04
		5.064e+04	8.259e+04	9.51e-04	0.0	7.6	1539.10	477.45	255.31	4.852e+04	8.456e+04	5.317e+04
						15.2	1545.47	439.24	255.31	4.852e+04	8.652e+04	5.542e+04
105	8	5.519e+04	8.653e+04	-1.67e-03	-76.38	0.0	1485.40	517.38	256.49	4.856e+04	8.258e+04	5.038e+04
		5.038e+04	8.258e+04	9.36e-04	0.0	7.6	1491.77	479.21	256.49	4.856e+04	8.456e+04	5.293e+04
						15.2	1498.15	441.00	256.49	4.856e+04	8.653e+04	5.519e+04
105	22	6.213e+04	6.560e+04	-2.18e-03	-76.38	0.0	-865.32	417.22	329.52	4.917e+04	6.058e+04	5.702e+04
		5.702e+04	6.058e+04	-8.03e-04	0.0	7.6	-858.96	379.05	329.52	4.917e+04	6.309e+04	5.972e+04
						15.2	-852.58	340.84	329.52	4.917e+04	6.560e+04	6.213e+04
105	23	5.136e+04	3.941e+04	-1.61e-03	-76.38	0.0	-3129.28	565.83	490.88	5.613e+04	3.195e+04	4.654e+04
		4.654e+04	3.195e+04	1.90e-04	0.0	7.6	-3122.91	527.67	490.88	5.613e+04	3.568e+04	4.909e+04
						15.2	-3116.54	489.46	490.88	5.613e+04	3.941e+04	5.136e+04
105	33	5.736e+04	3.635e+04	-2.00e-03	-76.38	0.0	-3675.85	480.15	483.54	5.459e+04	2.901e+04	5.230e+04
		5.230e+04	2.901e+04	-9.07e-04	0.0	7.6	-3669.48	441.98	483.54	5.459e+04	3.268e+04	5.497e+04
						15.2	-3663.10	403.78	483.54	5.459e+04	3.635e+04	5.736e+04
105	36	5.613e+04	6.866e+04	-1.79e-03	-76.38	0.0	-318.76	502.90	336.85	5.071e+04	6.351e+04	5.126e+04
		5.126e+04	6.351e+04	2.95e-04	0.0	7.6	-312.39	464.73	336.85	5.071e+04	6.608e+04	5.384e+04
						15.2	-306.01	426.52	336.85	5.071e+04	6.866e+04	5.613e+04
105	40	5.603e+04	6.866e+04	-1.79e-03	-76.38	0.0	-340.68	503.71	337.40	5.073e+04	6.351e+04	5.114e+04
		5.114e+04	6.351e+04	2.87e-04	0.0	7.6	-334.31	465.54	337.40	5.073e+04	6.609e+04	5.373e+04
						15.2	-327.93	427.33	337.40	5.073e+04	6.866e+04	5.603e+04
105	54	5.919e+04	5.853e+04	-2.02e-03	-76.38	0.0	-1476.89	457.18	372.95	5.103e+04	5.285e+04	5.415e+04
		5.415e+04	5.285e+04	-5.43e-04	0.0	7.6	-1470.52	419.01	372.95	5.103e+04	5.569e+04	5.682e+04
						15.2	-1464.14	380.80	372.95	5.103e+04	5.853e+04	5.919e+04
105	55	5.431e+04	4.648e+04	-1.76e-03	-76.38	0.0	-2517.72	525.87	447.44	5.427e+04	3.967e+04	5.492e+04
		4.940e+04	3.967e+04	-7.02e-05	0.0	7.6	-2511.35	487.70	447.44	5.427e+04	4.307e+04	5.200e+04
						15.2	-2504.98	449.49	447.44	5.427e+04	4.648e+04	5.431e+04
105	65	5.731e+04	3.771e+04	-1.99e-03	-76.38	0.0	-3534.77	481.11	477.37	5.442e+04	3.046e+04	5.225e+04
		5.225e+04	3.046e+04	-8.57e-04	0.0	7.6	-3528.40	442.94	477.37	5.442e+04	3.409e+04	5.492e+04
						15.2	-3522.02	404.73	477.37	5.442e+04	3.771e+04	5.731e+04
105	68	5.619e+04	6.730e+04	-1.79e-03	-76.38	0.0	-459.84	501.94	343.03	5.088e+04	6.206e+04	5.130e+04
		5.130e+04	6.206e+04	2.44e-04	0.0	7.6	-453.47	463.77	343.03	5.088e+04	6.468e+04	5.389e+04
						15.2	-447.09	425.56	343.03	5.088e+04	6.730e+04	5.619e+04
105	72	5.609e+04	6.730e+04	-1.79e-03	-76.38	0.0	-479.90	502.68	343.53	5.089e+04	6.206e+04	5.119e+04
		5.119e+04	6.206e+04	2.37e-04	0.0	7.6	-473.53	464.51	343.53	5.089e+04	6.468e+04	5.379e+04
						15.2	-467.16	426.31	343.53	5.089e+04	6.730e+04	5.609e+04
105	86	5.898e+04	5.802e+04	-2.01e-03	-76.38	0.0	-1521.04	460.09	376.11	5.117e+04	5.229e+04	5.395e+04
		5.395e+04	5.229e+04	-5.23e-04	0.0	7.6	-1514.67	421.92	376.11	5.117e+04	5.516e+04	5.661e+04
						15.2	-1508.29	383.71	376.11	5.117e+04	5.802e+04	5.898e+04
105	87	5.451e+04	4.699e+04	-1.77e-03	-76.38	0.0	-2473.57	522.96	444.29	5.413e+04	4.023e+04	4.960e+04
		4.960e+04	4.023e+04	-9.01e-05	0.0	7.6	-2467.20	484.79	444.29	5.413e+04	4.361e+04	5.220e+04
						15.2	-2460.83	446.59	444.29	5.413e+04	4.699e+04	5.451e+04
106	1	5.503e+04	5.896e+04	-2.12e-03	-153.84	0.0	-7167.42	223.00	719.96	5.866e+04	3.721e+04	5.440e+04
		5.440e+04	3.721e+04	-5.72e-03	0.0	15.2	-7154.60	146.16	719.96	5.866e+04	4.808e+04	5.503e+04
						30.4	-7141.75	69.17	719.96	5.866e+04	5.896e+04	5.450e+04
106	4	6.642e+04	1.033e+05	6.63e-04	-153.84	0.0	1115.29	260.63	265.62	4.962e+04	9.504e+04	6.454e+04
		6.454e+04	9.504e+04	5.08e-03	0.0	15.2	1128.11	183.79	265.62	4.962e+04	9.917e+04	6.605e+04
						30.4	1140.96	106.80	265.62	4.962e+04	1.033e+05	6.639e+04
106	5	5.518e+04	5.886e+04	-3.33e-04	-153.84	0.0	-7116.32	220.63	718.39	5.860e+04	3.716e+04	5.456e+04
		5.456e+04	3.716e+04	-2.91e-03	0.0	15.2	-7103.50	143.79	718.39	5.860e+04	4.801e+04	5.518e+04
						30.4	-7090.65	66.79	718.39	5.860e+04	5.886e+04	5.463e+04
106	8	6.629e+04	1.034e+05	-1.23e-03	-153.84	0.0	1064.19	263.01	267.18	4.968e+04	9.509e+04	6.438e+04
		6.438e+04	9.509e+04	2.27e-03	0.0	15.2	1077.01	186.17	267.18	4.968e+04	9.924e+04	6.591e+04
						30.4	1089.86	109.17	267.18	4.968e+04	1.034e+05	6.627e+04
106	20	6.697e+04	9.827e+04	5.78e-03	-153.84	0.0	290.03	195.26	268.59	4.878e+04	8.996e+04	6.525e+04
		6.525e+04	8.996e+04	9.35e-03	0.0	15.2	302.86	118.42	268.59	4.878e+04	9.411e+04	6.667e+04
						30.4	315.70	41.43	268.59	4.878e+04	9.827e+04	6.692e+04
106	23	5.653e+04	7.428e+04	-8.81e-03	-153.84	0.0	-4466.94	308.15	609.83	5.788e+04	5.577e+04	5.368e+04
		5.368e+04	5.577e+04	-8.46e-03	0.0	15.2	-4454.11	231.31	609.83	5.788e+04	6.503e+04	5.569e+04
						30.4	-4441.26	154.31	609.83	5.788e+04	7.428e+04	5.653e+04
106	33	5.802e+04	7.060e+04	-1.36e-03	-153.84	0.0	-4994.66	232.90	600.44	5.626e+04	5.240e+04	5.712e+04
		5.712e+04	5.240e+04	-2.87e-03	0.0	15.2	-4981.83	156.06	600.44	5.626e+04	6.150e+04	5.799e+04
						30.4	-4968.98	79.07	600.44	5.626e+04	7.060e+04	5.768e+04
106	36	6.330e+04	9.165e+04	-2.85e-04	-153.84	0.0	-1057.47	250.73	385.14	5.202e+04	7.986e+04	6.181e+04
		6.181e+04	7.986e+04	2.24e-03	0.0	15.2	-1044.65	173.89	385.14	5.202e+04	8.575e+04	6.310e+04
						30.4	-1031.80	96.90	385.14	5.202e+04	9.165e+04	6.321e+04
106	37	5.808e+04	7.055e+04	-5.26e-04	-153.84	0.0	-4970.98	231.82	599.71	5.623e+04	5.237e+04	5.720e+04
		5.720e+04	5.237e+04	-1.56e-03	0.0	15.2	-4958.16	154.98	599.71	5.623e+04	6.146e+04	5.805e+04
						30.4	-4945.31	77.99	599.71	5.623e+04	7.055e+04	5.774e+04

106	40	6.324e+04	9.170e+04	-9.68e-04	-153.84	0.0	-1081.15	251.81	385.86	5.205e+04	7.988e+04	6.174e+04
		6.174e+04	7.988e+04	9.22e-04	0.0	15.2	-1068.33	174.97	385.86	5.205e+04	8.579e+04	6.303e+04
						30.4	-1055.48	97.98	385.86	5.205e+04	9.170e+04	6.315e+04
106	49	5.778e+04	7.308e+04	-3.72e-03	-153.84	0.0	-4583.25	263.24	597.83	5.664e+04	5.494e+04	5.683e+04
		5.683e+04	5.494e+04	-4.85e-03	0.0	15.2	-4570.43	186.40	597.83	5.664e+04	6.401e+04	5.774e+04
						30.4	-4557.58	109.41	597.83	5.664e+04	7.308e+04	5.748e+04
106	52	6.353e+04	8.917e+04	2.27e-03	-153.84	0.0	-1468.88	220.39	387.75	5.164e+04	7.731e+04	6.211e+04
		6.211e+04	7.731e+04	4.22e-03	0.0	15.2	-1456.06	143.55	387.75	5.164e+04	8.324e+04	6.335e+04
						30.4	-1443.21	66.56	387.75	5.164e+04	8.917e+04	6.342e+04
106	65	5.824e+04	7.148e+04	-1.30e-03	-153.84	0.0	-4829.18	233.65	591.38	5.608e+04	5.355e+04	5.732e+04
		5.732e+04	5.355e+04	-2.66e-03	0.0	15.2	-4816.36	156.81	591.38	5.608e+04	6.252e+04	5.820e+04
						30.4	-4803.51	79.82	591.38	5.608e+04	7.148e+04	5.732e+04
106	68	6.308e+04	9.076e+04	-3.15e-04	-153.84	0.0	-1222.95	249.98	394.19	5.220e+04	7.870e+04	6.162e+04
		6.162e+04	7.870e+04	2.02e-03	0.0	15.2	-1210.12	173.14	394.19	5.220e+04	8.473e+04	6.288e+04
						30.4	-1197.28	96.15	394.19	5.220e+04	9.076e+04	6.298e+04
106	69	5.830e+04	7.144e+04	-5.43e-04	-153.84	0.0	-4807.51	232.66	590.72	5.606e+04	5.353e+04	5.739e+04
		5.739e+04	5.353e+04	-1.45e-03	0.0	15.2	-4794.69	155.82	590.72	5.606e+04	6.248e+04	5.826e+04
						30.4	-4781.84	78.83	590.72	5.606e+04	7.144e+04	5.797e+04
106	72	6.302e+04	9.081e+04	-9.48e-04	-153.84	0.0	-1244.62	250.97	394.86	5.222e+04	7.873e+04	6.155e+04
		6.155e+04	7.873e+04	8.18e-04	0.0	15.2	-1231.79	174.13	394.86	5.222e+04	8.477e+04	6.282e+04
						30.4	-1218.95	97.14	394.86	5.222e+04	9.081e+04	6.293e+04
106	81	5.802e+04	7.376e+04	-3.47e-03	-153.84	0.0	-4451.92	261.42	588.97	5.643e+04	5.589e+04	5.705e+04
		5.705e+04	5.589e+04	-4.47e-03	0.0	15.2	-4439.10	184.58	588.97	5.643e+04	6.482e+04	5.798e+04
						30.4	-4426.25	107.59	588.97	5.643e+04	7.376e+04	5.773e+04
106	84	6.328e+04	8.849e+04	2.01e-03	-153.84	0.0	-1600.21	222.21	396.61	5.185e+04	7.637e+04	6.189e+04
		6.189e+04	7.637e+04	3.84e-03	0.0	15.2	-1587.39	145.37	396.61	5.185e+04	8.243e+04	6.311e+04
						30.4	-1574.54	68.38	396.61	5.185e+04	8.849e+04	6.317e+04
107	1	4.972e+04	8.312e+04	9.19e-04	-77.30	0.0	-8559.40	-16.96	823.00	6.075e+04	7.079e+04	4.972e+04
		4.661e+04	7.079e+04	-1.49e-03	0.0	7.6	-8552.95	-55.59	823.00	6.075e+04	7.695e+04	4.831e+04
						15.2	-8546.50	-94.26	823.00	6.075e+04	8.312e+04	4.661e+04
107	4	6.314e+04	1.128e+05	5.29e-04	-77.30	0.0	733.70	17.43	320.19	5.145e+04	1.077e+05	6.314e+04
		6.091e+04	1.077e+05	1.46e-03	0.0	7.6	740.14	-21.21	320.19	5.145e+04	1.102e+05	6.217e+04
						15.2	746.60	-59.88	320.19	5.145e+04	1.128e+05	6.091e+04
107	5	4.984e+04	8.298e+04	9.28e-04	-77.30	0.0	-8505.54	-19.78	821.27	6.069e+04	7.067e+04	4.984e+04
		4.673e+04	7.067e+04	-1.34e-03	0.0	7.6	-8499.09	-58.41	821.27	6.069e+04	7.682e+04	4.843e+04
						15.2	-8492.64	-97.09	821.27	6.069e+04	8.298e+04	4.673e+04
107	8	6.302e+04	1.129e+05	5.20e-04	-77.30	0.0	679.83	20.25	321.93	5.150e+04	1.078e+05	6.302e+04
		6.079e+04	1.078e+05	1.31e-03	0.0	7.6	686.28	-18.38	321.93	5.150e+04	1.104e+05	6.205e+04
						15.2	692.73	-57.05	321.93	5.150e+04	1.129e+05	6.079e+04
107	17	4.968e+04	8.803e+04	6.32e-04	-77.30	0.0	-7713.70	46.70	820.61	6.165e+04	7.575e+04	4.968e+04
		4.661e+04	7.575e+04	-6.65e-04	0.0	7.6	-7707.26	8.06	820.61	6.165e+04	8.189e+04	4.829e+04
						15.2	-7700.80	-30.61	820.61	6.165e+04	8.803e+04	4.661e+04
107	20	6.319e+04	1.079e+05	8.16e-04	-77.30	0.0	-112.00	-46.23	322.59	5.055e+04	1.028e+05	6.319e+04
		6.091e+04	1.028e+05	6.33e-04	0.0	7.6	-105.55	-84.86	322.59	5.055e+04	1.053e+05	6.220e+04
						15.2	-99.10	-123.53	322.59	5.055e+04	1.079e+05	6.091e+04
107	33	5.330e+04	9.091e+04	8.18e-04	-77.30	0.0	-6121.15	-7.94	690.74	5.828e+04	8.048e+04	5.330e+04
		5.042e+04	8.048e+04	-7.20e-04	0.0	7.6	-6114.70	-46.58	690.74	5.828e+04	8.570e+04	5.200e+04
						15.2	-6108.25	-85.25	690.74	5.828e+04	9.091e+04	5.042e+04
107	36	5.956e+04	1.050e+05	6.30e-04	-77.30	0.0	-1704.55	8.41	452.45	5.392e+04	9.802e+04	5.956e+04
		5.710e+04	9.802e+04	6.87e-04	0.0	7.6	-1698.11	-30.22	452.45	5.392e+04	1.015e+05	5.848e+04
						15.2	-1691.65	-68.89	452.45	5.392e+04	1.050e+05	5.710e+04
107	37	5.335e+04	9.084e+04	8.22e-04	-77.30	0.0	-6096.19	-9.23	689.94	5.825e+04	8.043e+04	5.335e+04
		5.047e+04	8.043e+04	-6.50e-04	0.0	7.6	-6089.75	-47.86	689.94	5.825e+04	8.564e+04	5.206e+04
						15.2	-6083.29	-86.53	689.94	5.825e+04	9.084e+04	5.047e+04
107	40	5.951e+04	1.050e+05	6.26e-04	-77.30	0.0	-1729.51	9.70	453.25	5.394e+04	9.807e+04	5.951e+04
		5.705e+04	9.807e+04	6.17e-04	0.0	7.6	-1723.06	-28.94	453.25	5.394e+04	1.016e+05	5.843e+04
						15.2	-1716.61	-67.61	453.25	5.394e+04	1.050e+05	5.705e+04
107	65	5.356e+04	9.150e+04	8.10e-04	-77.30	0.0	-5935.52	-7.26	680.72	5.809e+04	8.122e+04	5.356e+04
		5.070e+04	8.122e+04	-6.61e-04	0.0	7.6	-5929.07	-45.89	680.72	5.809e+04	8.636e+04	5.228e+04
						15.2	-5922.62	-84.56	680.72	5.809e+04	9.150e+04	5.070e+04
107	68	5.930e+04	1.044e+05	6.38e-04	-77.30	0.0	-1890.19	7.73	462.48	5.410e+04	9.728e+04	5.930e+04
		5.682e+04	9.728e+04	6.28e-04	0.0	7.6	-1883.74	-30.91	462.48	5.410e+04	1.008e+05	5.821e+04
						15.2	-1877.29	-69.58	462.48	5.410e+04	1.044e+05	5.682e+04
107	69	5.361e+04	9.144e+04	8.14e-04	-77.30	0.0	-5912.68	-8.43	679.99	5.807e+04	8.117e+04	5.361e+04
		5.075e+04	8.117e+04	-5.96e-04	0.0	7.6	-5906.23	-47.06	679.99	5.807e+04	8.630e+04	5.233e+04
						15.2	-5899.78	-85.73	679.99	5.807e+04	9.144e+04	5.075e+04
107	72	5.925e+04	1.044e+05	6.34e-04	-77.30	0.0	-1913.03	8.90	463.21	5.412e+04	9.733e+04	5.925e+04
		5.677e+04	9.733e+04	5.64e-04	0.0	7.6	-1906.58	-29.73	463.21	5.412e+04	1.009e+05	5.816e+04
						15.2	-1900.13	-68.40	463.21	5.412e+04	1.044e+05	5.677e+04
108	1	3.606e+04	1.495e+05	4.01e-03	-155.69	0.0	-1.003e+04	-229.35	1076.89	6.748e+04	1.105e+05	3.606e+04
		2.232e+04	1.105e+05	-2.51e-03	0.0	15.2	-1.002e+04	-307.12	1076.89	6.748e+04	1.300e+05	2.978e+04
						30.4	-1.000e+04	-385.04	1076.89	6.748e+04	1.495e+05	2.232e+04
108	2	3.267e+04	1.455e+05	4.10e-03	-155.69	0.0	-8173.07	-261.57	958.76	6.473e+04	1.091e+05	3.267e+04
		1.857e+04	1.091e+05	-2.23e-03	0.0	15.2	-8160.10	-339.34	958.76	6.473e+04	1.273e+05	2.621e+04
						30.4	-8147.09	-417.27	958.76	6.473e+04	1.455e+05	1.857e+04
108	3	4.942e+04	1.405e+05	3.59e-03	-155.69	0.0	-1453.52	-172.10	702.30	6.116e+04	1.264e+05	4.942e+04
		3.653e+04	1.264e+05	3.20e-03	0.0	15.2	-1440.54	-249.87	702.30	6.116e+04	1.335e+05	4.357e+04

108	4	4.604e+04	1.366e+05	3.67e-03	-155.69	30.4	-1427.54	-327.80	702.30	6.116e+04	1.405e+05	3.653e+04
		3.278e+04	1.250e+05	3.48e-03	0.0	0.0	403.76	-204.33	584.17	5.841e+04	1.250e+05	4.604e+04
108	6	3.282e+04	1.457e+05	4.08e-03	-155.69	15.2	416.74	-282.10	584.17	5.841e+04	1.308e+05	4.000e+04
		1.876e+04	1.091e+05	-2.54e-03	0.0	30.4	429.74	-360.02	584.17	5.841e+04	1.366e+05	3.278e+04
108	17	4.469e+04	1.510e+05	3.76e-03	-155.69	0.0	-8230.97	-258.83	960.60	6.479e+04	1.091e+05	3.282e+04
		3.166e+04	1.177e+05	-8.38e-04	0.0	15.2	-8217.99	-336.60	960.60	6.479e+04	1.274e+05	2.638e+04
108	33	3.867e+04	1.460e+05	3.92e-03	-155.69	30.4	-8204.99	-414.52	960.60	6.479e+04	1.457e+05	1.876e+04
		2.505e+04	1.143e+05	-9.45e-04	0.0	0.0	-9195.28	-171.71	1083.60	6.848e+04	1.177e+05	4.469e+04
108	34	3.712e+04	1.441e+05	3.96e-03	-155.69	15.2	-9182.31	-249.48	1083.60	6.848e+04	1.343e+05	3.877e+04
		2.332e+04	1.137e+05	-8.13e-04	0.0	30.4	-9169.30	-327.41	1083.60	6.848e+04	1.510e+05	3.166e+04
108	35	4.498e+04	1.419e+05	3.72e-03	-155.69	0.0	-7292.04	-222.71	947.22	6.507e+04	1.143e+05	3.867e+04
		3.177e+04	1.218e+05	1.79e-03	0.0	15.2	-7279.06	-300.48	947.22	6.507e+04	1.301e+05	3.245e+04
108	36	4.343e+04	1.400e+05	3.76e-03	-155.69	30.4	-7266.06	-378.40	947.22	6.507e+04	1.460e+05	2.505e+04
		3.004e+04	1.212e+05	1.92e-03	0.0	0.0	-6426.15	-237.53	892.15	6.379e+04	1.137e+05	3.712e+04
108	38	3.718e+04	1.443e+05	3.95e-03	-155.69	15.2	-6413.17	-315.30	892.15	6.379e+04	1.289e+05	3.081e+04
		2.340e+04	1.137e+05	-9.57e-04	0.0	30.4	-6400.17	-393.23	892.15	6.379e+04	1.441e+05	2.332e+04
108	49	4.270e+04	1.467e+05	3.80e-03	-155.69	0.0	-3200.44	-196.14	768.91	6.210e+04	1.218e+05	4.498e+04
		2.942e+04	1.177e+05	-1.46e-04	0.0	15.2	-3187.47	-273.91	768.91	6.210e+04	1.319e+05	3.897e+04
108	65	3.887e+04	1.457e+05	3.92e-03	-155.69	30.4	-3174.46	-351.83	768.91	6.210e+04	1.419e+05	3.177e+04
		2.526e+04	1.146e+05	-8.25e-04	0.0	0.0	-2334.55	-210.97	713.83	6.082e+04	1.212e+05	3.434e+04
108	66	3.745e+04	1.440e+05	3.95e-03	-155.69	15.2	-2321.58	-288.74	713.83	6.082e+04	1.306e+05	3.733e+04
		2.367e+04	1.140e+05	-7.04e-04	0.0	30.4	-2308.57	-366.66	713.83	6.082e+04	1.400e+05	3.004e+04
108	67	4.465e+04	1.420e+05	3.73e-03	-155.69	0.0	-6452.98	-236.28	893.00	6.382e+04	1.137e+05	3.718e+04
		3.142e+04	1.215e+05	1.68e-03	0.0	15.2	-6440.00	-314.05	893.00	6.382e+04	1.290e+05	3.088e+04
108	68	4.323e+04	1.403e+05	3.77e-03	-155.69	30.4	-6427.00	-391.97	893.00	6.382e+04	1.443e+05	2.340e+04
		2.983e+04	1.209e+05	1.80e-03	0.0	0.0	-6870.19	-196.12	949.07	6.552e+04	1.177e+05	4.270e+04
108	70	3.751e+04	1.441e+05	3.95e-03	-155.69	15.2	-6857.21	-273.89	949.07	6.552e+04	1.322e+05	3.665e+04
		2.375e+04	1.140e+05	-8.36e-04	0.0	30.4	-6844.20	-351.81	949.07	6.552e+04	1.467e+05	2.942e+04
108	81	4.256e+04	1.464e+05	3.81e-03	-155.69	0.0	-7083.66	-222.22	937.40	6.489e+04	1.146e+05	3.887e+04
		2.926e+04	1.177e+05	-1.04e-04	0.0	15.2	-7070.68	-299.98	937.40	6.489e+04	1.302e+05	3.266e+04
109	1	1.036e+04	1.885e+05	2.36e-03	-78.23	30.4	-7057.68	-377.91	937.40	6.489e+04	1.457e+05	2.526e+04
		834.80	1.666e+05	-1.02e-03	0.0	0.0	-6290.94	-235.78	886.98	6.372e+04	1.140e+05	3.745e+04
109	2	6653.03	1.809e+05	2.36e-03	-78.23	15.2	-6277.96	-313.55	886.98	6.372e+04	1.290e+05	3.115e+04
		-3062.89	1.609e+05	-8.89e-04	0.0	30.4	-6264.96	-391.47	886.98	6.372e+04	1.440e+05	2.367e+04
109	3	2.569e+04	1.756e+05	2.39e-03	-78.23	0.0	-3335.65	-197.90	774.07	6.217e+04	1.215e+05	4.465e+04
		1.637e+04	1.571e+05	1.84e-03	0.0	15.2	-3322.67	-275.66	774.07	6.217e+04	1.317e+05	3.863e+04
109	4	2.199e+04	1.679e+05	2.39e-03	-78.23	30.4	-3309.67	-353.59	774.07	6.217e+04	1.420e+05	3.142e+04
		1.248e+04	1.514e+05	1.97e-03	0.0	0.0	-2542.94	-211.46	723.65	6.100e+04	1.209e+05	4.323e+04
109	21	2.083e+04	1.935e+05	2.38e-03	-78.23	15.2	-2529.96	-289.23	723.65	6.100e+04	1.306e+05	3.712e+04
		1.164e+04	1.704e+05	-1.15e-04	0.0	30.4	-2516.95	-367.15	723.65	6.100e+04	1.403e+05	2.983e+04
109	24	1.152e+04	1.630e+05	2.37e-03	-78.23	0.0	-6315.50	-234.63	887.77	6.375e+04	1.140e+05	3.751e+04
		1670.55	1.476e+05	1.06e-03	0.0	15.2	-6302.52	-312.40	887.77	6.375e+04	1.291e+05	3.122e+04
109	33	1.339e+04	1.830e+05	2.37e-03	-78.23	30.4	-6289.52	-390.32	887.77	6.375e+04	1.441e+05	2.375e+04
		3870.00	1.625e+05	-2.41e-04	0.0	0.0	-6696.69	-197.88	939.06	6.530e+04	1.177e+05	4.256e+04
109	34	1.168e+04	1.794e+05	2.37e-03	-78.23	15.2	-6683.71	-275.64	939.06	6.530e+04	1.320e+05	3.650e+04
		2069.42	1.598e+05	-1.78e-04	0.0	30.4	-6670.71	-353.57	939.06	6.530e+04	1.464e+05	2.926e+04
109	35	2.066e+04	1.770e+05	2.38e-03	-78.23	0.0	-1.112e+04	-441.73	1518.79	7.838e+04	1.666e+05	1.036e+04
		1.124e+04	1.582e+05	1.13e-03	0.0	15.2	-1.111e+04	-519.96	1518.79	7.838e+04	1.775e+05	5745.92
109	36	1.895e+04	1.734e+05	2.38e-03	-78.23	30.4	-9082.58	-475.86	1392.26	7.568e+04	1.609e+05	6653.03
		9440.04	1.555e+05	1.19e-03	0.0	0.0	-9076.05	-514.96	1392.26	7.568e+04	1.709e+05	1943.60
109	53	1.831e+04	1.853e+05	2.38e-03	-78.23	15.2	-9069.52	-554.09	1392.26	7.568e+04	1.809e+05	-3062.89
						0.0	-1941.88	-380.85	1135.88	7.267e+04	1.571e+05	2.569e+04
						7.6	-1935.36	-419.95	1135.88	7.267e+04	1.664e+05	2.118e+04
						15.2	-1928.83	-459.08	1135.88	7.267e+04	1.756e+05	1.637e+04
						0.0	99.30	-414.98	1009.35	6.998e+04	1.514e+05	2.199e+04
						7.6	105.83	-454.08	1009.35	6.998e+04	1.597e+05	1.738e+04
						15.2	112.36	-493.21	1009.35	6.998e+04	1.679e+05	1.248e+04
						0.0	-1.010e+04	-383.42	1531.79	7.938e+04	1.704e+05	2.083e+04
						7.6	-1.009e+04	-422.51	1531.79	7.938e+04	1.819e+05	1.638e+04
						15.2	-1.009e+04	-461.65	1531.79	7.938e+04	1.935e+05	1.164e+04
						0.0	-923.85	-473.29	996.35	6.898e+04	1.476e+05	1.152e+04
						7.6	-917.33	-512.39	996.35	6.898e+04	1.553e+05	6743.15
						15.2	-910.80	-551.52	996.35	6.898e+04	1.630e+05	1670.55
						0.0	-8178.00	-434.45	1384.68	7.614e+04	1.625e+05	1.339e+04
						7.6	-8171.47	-473.55	1384.68	7.614e+04	1.727e+05	8780.62
						15.2	-8164.94	-512.68	1384.68	7.614e+04	1.830e+05	3870.00
						0.0	-7226.34	-450.11	1325.69	7.489e+04	1.598e+05	1.168e+04
						7.6	-7219.82	-489.21	1325.69	7.489e+04	1.696e+05	7025.69
						15.2	-7213.29	-528.34	1325.69	7.489e+04	1.794e+05	2069.42
						0.0	-3798.12	-406.60	1202.45	7.347e+04	1.582e+05	2.066e+04
						7.6	-3791.59	-445.70	1202.45	7.347e+04	1.676e+05	1.610e+04
						15.2	-3785.06	-484.83	1202.45	7.347e+04	1.770e+05	1.124e+04
						0.0	-2846.46	-422.26	1143.46	7.222e+04	1.555e+05	1.895e+04
						7.6	-2839.94	-461.36	1143.46	7.222e+04	1.645e+05	1.434e+04
						15.2	-2833.41	-500.49	1143.46	7.222e+04	1.734e+05	9440.04
						0.0	-7663.35	-407.69	1389.43	7.659e+04	1.643e+05	1.831e+04

		8945.76	1.643e+05	1.95e-04	0.0	7.6	-7656.82	-446.78	1389.43	7.659e+04	1.748e+05	1.378e+04
						15.2	-7650.29	-485.92	1389.43	7.659e+04	1.853e+05	8945.76
109	56	1.404e+04	1.711e+05	2.37e-03	-78.23	0.0	-3361.11	-449.02	1138.71	7.177e+04	1.537e+05	1.404e+04
		4364.28	1.537e+05	7.54e-04	0.0	7.6	-3354.59	-488.12	1138.71	7.177e+04	1.624e+05	9349.51
						15.2	-3348.06	-527.25	1138.71	7.177e+04	1.711e+05	4364.28
109	65	1.363e+04	1.826e+05	2.37e-03	-78.23	0.0	-7953.89	-433.93	1374.53	7.597e+04	1.622e+05	1.363e+04
		4103.66	1.622e+05	-1.81e-04	0.0	7.6	-7947.36	-473.03	1374.53	7.597e+04	1.724e+05	9014.05
						15.2	-7940.83	-512.16	1374.53	7.597e+04	1.826e+05	4103.66
109	66	1.206e+04	1.793e+05	2.37e-03	-78.23	0.0	-7082.65	-448.26	1320.52	7.483e+04	1.598e+05	1.206e+04
		2455.63	1.598e+05	-1.23e-04	0.0	7.6	-7076.12	-487.36	1320.52	7.483e+04	1.696e+05	7407.83
						15.2	-7069.59	-526.49	1320.52	7.483e+04	1.793e+05	2455.63
109	67	2.028e+04	1.771e+05	2.38e-03	-78.23	0.0	-3941.81	-408.45	1207.62	7.353e+04	1.582e+05	2.028e+04
		1.085e+04	1.582e+05	1.07e-03	0.0	7.6	-3935.29	-447.54	1207.62	7.353e+04	1.677e+05	1.572e+04
						15.2	-3928.76	-486.68	1207.62	7.353e+04	1.771e+05	1.085e+04
109	68	1.872e+04	1.738e+05	2.38e-03	-78.23	0.0	-3070.57	-422.78	1153.61	7.238e+04	1.558e+05	1.872e+04
		9206.37	1.558e+05	1.13e-03	0.0	7.6	-3064.05	-461.87	1153.61	7.238e+04	1.648e+05	1.411e+04
						15.2	-3057.52	-501.01	1153.61	7.238e+04	1.738e+05	9206.37
109	85	1.813e+04	1.847e+05	2.38e-03	-78.23	0.0	-7481.85	-409.44	1378.85	7.638e+04	1.639e+05	1.813e+04
		8751.41	1.639e+05	2.19e-04	0.0	7.6	-7475.32	-448.54	1378.85	7.638e+04	1.743e+05	1.359e+04
						15.2	-7468.79	-487.67	1378.85	7.638e+04	1.847e+05	8751.41
109	88	1.422e+04	1.717e+05	2.37e-03	-78.23	0.0	-3542.61	-447.27	1149.29	7.197e+04	1.542e+05	1.422e+04
		4558.63	1.542e+05	7.30e-04	0.0	7.6	-3536.09	-486.37	1149.29	7.197e+04	1.629e+05	9537.31
						15.2	-3529.56	-525.50	1149.29	7.197e+04	1.717e+05	4558.63
110	1	-2.671e+04	3.289e+05	3.93e-03	-157.55	0.0	-1.222e+04	-618.38	2716.58	1.177e+05	2.468e+05	-2.671e+04
		-5.515e+04	2.468e+05	-1.10e-03	0.0	15.2	-1.221e+04	-697.07	2716.58	1.177e+05	2.879e+05	-4.033e+04
						30.4	-1.220e+04	-775.92	2716.58	1.177e+05	3.289e+05	-5.515e+04
110	3	-1.089e+04	2.916e+05	4.74e-03	-157.55	0.0	-2334.64	-750.27	2202.22	1.142e+05	2.242e+05	-1.089e+04
		-4.200e+04	2.242e+05	4.57e-03	0.0	15.2	-2321.51	-828.97	2202.22	1.142e+05	2.579e+05	-2.585e+04
						30.4	-2308.35	-907.82	2202.22	1.142e+05	2.916e+05	-4.200e+04
110	4	-1.493e+04	2.747e+05	4.57e-03	-157.55	0.0	-35.95	-794.22	2032.76	1.119e+05	2.124e+05	-1.493e+04
		-4.675e+04	2.124e+05	4.80e-03	0.0	15.2	-22.81	-872.92	2032.76	1.119e+05	2.436e+05	-3.024e+04
						30.4	-9.66	-951.77	2032.76	1.119e+05	2.747e+05	-4.675e+04
110	18	-2.992e+04	2.792e+05	3.86e-03	-157.55	0.0	-3782.37	-759.76	2169.40	1.115e+05	2.133e+05	-2.992e+04
		-6.086e+04	2.133e+05	1.39e-03	0.0	15.2	-3769.24	-838.46	2169.40	1.115e+05	2.463e+05	-4.479e+04
						30.4	-3756.08	-917.31	2169.40	1.115e+05	2.792e+05	-6.086e+04
110	21	-1.563e+04	3.368e+05	4.47e-03	-157.55	0.0	-1.126e+04	-615.35	2735.75	1.191e+05	2.538e+05	-1.563e+04
		-4.445e+04	2.538e+05	7.47e-04	0.0	15.2	-1.125e+04	-694.05	2735.75	1.191e+05	2.953e+05	-2.944e+04
						30.4	-1.124e+04	-772.90	2735.75	1.191e+05	3.368e+05	-4.445e+04
110	24	-2.600e+04	2.668e+05	4.03e-03	-157.55	0.0	-996.01	-797.25	2013.59	1.104e+05	2.055e+05	-2.600e+04
		-5.746e+04	2.055e+05	2.95e-03	0.0	15.2	-982.88	-875.94	2013.59	1.104e+05	2.362e+05	-4.114e+04
						30.4	-969.72	-954.80	2013.59	1.104e+05	2.668e+05	-5.746e+04
110	33	-2.364e+04	3.146e+05	4.10e-03	-157.55	0.0	-9024.34	-665.40	2536.60	1.161e+05	2.377e+05	-2.364e+04
		-5.297e+04	2.377e+05	4.41e-04	0.0	15.2	-9011.21	-744.10	2536.60	1.161e+05	2.761e+05	-3.770e+04
						30.4	-8998.05	-822.95	2536.60	1.161e+05	3.146e+05	-5.297e+04
110	35	-1.613e+04	2.969e+05	4.48e-03	-157.55	0.0	-4307.57	-727.10	2291.74	1.145e+05	2.271e+05	-1.613e+04
		-4.674e+04	2.271e+05	3.15e-03	0.0	15.2	-4294.43	-805.80	2291.74	1.145e+05	2.620e+05	-3.084e+04
						30.4	-4281.28	-884.65	2291.74	1.145e+05	2.969e+05	-4.674e+04
110	36	-1.800e+04	2.890e+05	4.40e-03	-157.55	0.0	-3235.83	-747.19	2212.74	1.135e+05	2.216e+05	-1.800e+04
		-4.894e+04	2.216e+05	3.26e-03	0.0	15.2	-3222.70	-825.89	2212.74	1.135e+05	2.553e+05	-3.287e+04
						30.4	-3209.54	-904.74	2212.74	1.135e+05	2.890e+05	-4.894e+04
110	50	-2.505e+04	2.913e+05	4.07e-03	-157.55	0.0	-5051.38	-730.53	2279.73	1.133e+05	2.221e+05	-2.505e+04
		-5.556e+04	2.221e+05	1.63e-03	0.0	15.2	-5038.25	-809.23	2279.73	1.133e+05	2.567e+05	-3.971e+04
						30.4	-5025.09	-888.08	2279.73	1.133e+05	2.913e+05	-5.556e+04
110	53	-1.843e+04	3.182e+05	4.35e-03	-157.55	0.0	-8536.80	-664.72	2543.77	1.168e+05	2.409e+05	-1.843e+04
		-4.795e+04	2.409e+05	1.33e-03	0.0	15.2	-8523.67	-743.41	2543.77	1.168e+05	2.795e+05	-3.259e+04
						30.4	-8510.51	-822.26	2543.77	1.168e+05	3.182e+05	-4.795e+04
110	56	-2.320e+04	2.854e+05	4.15e-03	-157.55	0.0	-3723.37	-747.88	2205.57	1.128e+05	2.183e+05	-2.320e+04
		-5.396e+04	2.183e+05	2.37e-03	0.0	15.2	-3710.24	-826.58	2205.57	1.128e+05	2.519e+05	-3.790e+04
						30.4	-3697.08	-905.43	2205.57	1.128e+05	2.854e+05	-5.396e+04
110	65	-2.340e+04	3.135e+05	4.11e-03	-157.55	0.0	-8781.00	-668.86	2522.97	1.160e+05	2.370e+05	-2.340e+04
		-5.280e+04	2.370e+05	5.59e-04	0.0	15.2	-8767.87	-747.56	2522.97	1.160e+05	2.753e+05	-3.750e+04
						30.4	-8754.71	-826.41	2522.97	1.160e+05	3.135e+05	-5.280e+04
110	67	-1.653e+04	2.973e+05	4.46e-03	-157.55	0.0	-4460.34	-725.35	2298.69	1.145e+05	2.273e+05	-1.653e+04
		-4.709e+04	2.273e+05	3.04e-03	0.0	15.2	-4447.21	-804.05	2298.69	1.145e+05	2.623e+05	-3.121e+04
						30.4	-4434.05	-882.90	2298.69	1.145e+05	2.973e+05	-4.709e+04
110	68	-1.823e+04	2.901e+05	4.39e-03	-157.55	0.0	-3479.17	-743.74	2226.37	1.136e+05	2.222e+05	-1.823e+04
		-4.911e+04	2.222e+05	3.14e-03	0.0	15.2	-3466.04	-822.43	2226.37	1.136e+05	2.562e+05	-3.307e+04
						30.4	-3452.88	-901.28	2226.37	1.136e+05	2.901e+05	-4.911e+04
110	82	-2.470e+04	2.922e+05	4.08e-03	-157.55	0.0	-5142.91	-728.47	2287.77	1.134e+05	2.227e+05	-2.470e+04
		-5.517e+04	2.227e+05	1.65e-03	0.0	15.2	-5129.77	-807.16	2287.77	1.134e+05	2.574e+05	-3.934e+04
						30.4	-5116.61	-886.01	2287.77	1.134e+05	2.922e+05	-5.517e+04
110	85	-1.864e+04	3.168e+05	4.34e-03	-157.55	0.0	-8333.73	-668.25	2529.50	1.166e+05	2.400e+05	-1.864e+04
		-4.820e+04	2.400e+05	1.37e-03	0.0	15.2	-8320.60	-746.95	2529.50	1.166e+05	2.784e+05	-3.282e+04
						30.4	-8307.44	-825.80	2529.50	1.166e+05	3.168e+05	-4.820e+04
110	88	-2.300e+04	2.868e+05	4.16e-03	-157.55	0.0	-3926.45	-744.35	2219.84	1.129e+05	2.193e+05	-2.300e+04
		-5.371e+04	2.193e+05	2.33e-03	0.0	15.2	-3913.31	-823.04	2219.84	1.129e+05	2.531e+05	-3.776e+04
						30.4	-3900.15	-901.90	2219.84	1.129e+05	2.868e+05	-5.371e+04

111	1-7.801e+04	4.219e+05	8.76e-04	-79.16	0.0	-1.294e+04	-1138.14	3047.29	1.846e+05	3.759e+05	-7.801e+04
	-1.020e+05	3.759e+05	2.49e-05	0.0	7.6	-1.293e+04	-1177.70	3047.29	1.846e+05	3.989e+05	-8.988e+04
					15.2	-1.292e+04	-1217.30	3047.29	1.846e+05	4.219e+05	-1.020e+05
111	4-7.260e+04	3.350e+05	1.33e-03	-79.16	0.0	-178.32	-1584.71	1787.84	1.778e+05	3.076e+05	-7.260e+04
	-9.945e+04	3.076e+05	2.93e-03	0.0	7.6	-171.72	-1624.27	1787.84	1.778e+05	3.213e+05	-8.587e+04
					15.2	-165.11	-1663.87	1787.84	1.778e+05	3.350e+05	-9.945e+04
111	19-6.513e+04	4.083e+05	1.44e-03	-79.16	0.0	-9116.96	-1305.10	2663.86	1.831e+05	3.678e+05	-6.513e+04
	-8.956e+04	3.678e+05	1.74e-03	0.0	7.6	-9110.36	-1344.66	2663.86	1.831e+05	3.880e+05	-7.720e+04
					15.2	-9103.75	-1384.26	2663.86	1.831e+05	4.083e+05	-8.956e+04
111	21-6.809e+04	4.281e+05	1.31e-03	-79.16	0.0	-1.203e+04	-1210.00	2948.19	1.844e+05	3.833e+05	-6.809e+04
	-9.226e+04	3.833e+05	9.69e-04	0.0	7.6	-1.202e+04	-1249.56	2948.19	1.844e+05	4.057e+05	-8.003e+04
					15.2	-1.202e+04	-1289.16	2948.19	1.844e+05	4.281e+05	-9.226e+04
111	22-8.527e+04	3.495e+05	8.15e-04	-79.16	0.0	-3821.24	-1436.25	2149.64	1.789e+05	3.168e+05	-8.527e+04
	-1.121e+05	3.168e+05	1.29e-03	0.0	7.6	-3814.64	-1475.82	2149.64	1.789e+05	3.331e+05	-9.852e+04
					15.2	-3808.03	-1515.41	2149.64	1.789e+05	3.495e+05	-1.121e+05
111	24-8.251e+04	3.289e+05	8.99e-04	-79.16	0.0	-1083.27	-1512.84	1886.93	1.779e+05	3.001e+05	-8.251e+04
	-1.092e+05	3.001e+05	1.99e-03	0.0	7.6	-1076.66	-1552.41	1886.93	1.779e+05	3.145e+05	-9.572e+04
					15.2	-1070.06	-1592.01	1886.93	1.779e+05	3.289e+05	-1.092e+05
111	33-7.659e+04	3.990e+05	9.95e-04	-79.16	0.0	-9585.37	-1255.94	2716.58	1.828e+05	3.578e+05	-7.659e+04
	-1.013e+05	3.578e+05	7.84e-04	0.0	7.6	-9578.76	-1295.50	2716.58	1.828e+05	3.784e+05	-8.881e+04
					15.2	-9572.16	-1335.10	2716.58	1.828e+05	3.990e+05	-1.013e+05
111	36-7.402e+04	3.579e+05	1.21e-03	-79.16	0.0	-3527.96	-1466.91	2118.54	1.796e+05	3.256e+05	-7.402e+04
	-1.002e+05	3.256e+05	2.17e-03	0.0	7.6	-3521.36	-1506.47	2118.54	1.796e+05	3.418e+05	-8.694e+04
					15.2	-3514.75	-1546.07	2118.54	1.796e+05	3.579e+05	-1.002e+05
111	51-7.058e+04	3.923e+05	1.26e-03	-79.16	0.0	-7733.92	-1336.60	2530.75	1.821e+05	3.538e+05	-7.058e+04
	-9.558e+04	3.538e+05	1.60e-03	0.0	7.6	-7727.32	-1376.16	2530.75	1.821e+05	3.730e+05	-8.293e+04
					15.2	-7720.71	-1415.76	2530.75	1.821e+05	3.923e+05	-9.558e+04
111	53-7.196e+04	4.017e+05	1.20e-03	-79.16	0.0	-9122.23	-1291.65	2666.24	1.827e+05	3.612e+05	-7.196e+04
	-9.681e+04	3.612e+05	1.24e-03	0.0	7.6	-9115.63	-1331.21	2666.24	1.827e+05	3.814e+05	-8.424e+04
					15.2	-9109.02	-1370.81	2666.24	1.827e+05	4.017e+05	-9.681e+04
111	54-7.992e+04	3.650e+05	9.70e-04	-79.16	0.0	-5294.95	-1395.26	2293.97	1.801e+05	3.302e+05	-7.992e+04
	-1.060e+05	3.302e+05	1.39e-03	0.0	7.6	-5288.35	-1434.82	2293.97	1.801e+05	3.476e+05	-9.280e+04
					15.2	-5281.74	-1474.42	2293.97	1.801e+05	3.650e+05	-1.060e+05
111	56-7.864e+04	3.553e+05	1.01e-03	-79.16	0.0	-3991.09	-1431.20	2168.88	1.797e+05	3.223e+05	-7.864e+04
	-1.047e+05	3.223e+05	1.72e-03	0.0	7.6	-3984.49	-1470.76	2168.88	1.797e+05	3.388e+05	-9.151e+04
					15.2	-3977.88	-1510.36	2168.88	1.797e+05	3.553e+05	-1.047e+05
111	65-7.648e+04	3.973e+05	1.00e-03	-79.16	0.0	-9330.71	-1264.82	2691.44	1.826e+05	3.565e+05	-7.648e+04
	-1.013e+05	3.565e+05	8.42e-04	0.0	7.6	-9324.11	-1304.38	2691.44	1.826e+05	3.769e+05	-8.873e+04
					15.2	-9317.50	-1343.98	2691.44	1.826e+05	3.973e+05	-1.013e+05
111	68-7.412e+04	3.597e+05	1.20e-03	-79.16	0.0	-3782.62	-1458.03	2143.69	1.797e+05	3.270e+05	-7.412e+04
	-1.002e+05	3.270e+05	2.11e-03	0.0	7.6	-3776.01	-1497.59	2143.69	1.797e+05	3.433e+05	-8.702e+04
					15.2	-3769.41	-1537.19	2143.69	1.797e+05	3.597e+05	-1.002e+05
111	83-7.098e+04	3.911e+05	1.25e-03	-79.16	0.0	-7634.05	-1338.73	2521.14	1.820e+05	3.528e+05	-7.098e+04
	-9.601e+04	3.528e+05	1.59e-03	0.0	7.6	-7627.45	-1378.29	2521.14	1.820e+05	3.719e+05	-8.335e+04
					15.2	-7620.84	-1417.89	2521.14	1.820e+05	3.911e+05	-9.601e+04
111	85-7.225e+04	3.997e+05	1.19e-03	-79.16	0.0	-8905.75	-1297.56	2645.26	1.825e+05	3.596e+05	-7.225e+04
	-9.715e+04	3.596e+05	1.26e-03	0.0	7.6	-8899.15	-1337.12	2645.26	1.825e+05	3.796e+05	-8.455e+04
					15.2	-8892.54	-1376.72	2645.26	1.825e+05	3.997e+05	-9.715e+04
111	86-7.952e+04	3.662e+05	9.81e-04	-79.16	0.0	-5401.89	-1392.37	2304.44	1.802e+05	3.311e+05	-7.952e+04
	-1.055e+05	3.311e+05	1.39e-03	0.0	7.6	-5395.29	-1431.93	2304.44	1.802e+05	3.487e+05	-9.238e+04
					15.2	-5388.68	-1471.53	2304.44	1.802e+05	3.662e+05	-1.055e+05
111	88-7.836e+04	3.572e+05	1.02e-03	-79.16	0.0	-4207.58	-1425.28	2189.87	1.798e+05	3.239e+05	-7.836e+04
	-1.044e+05	3.239e+05	1.70e-03	0.0	7.6	-4200.98	-1464.84	2189.87	1.798e+05	3.406e+05	-9.120e+04
					15.2	-4194.37	-1504.44	2189.87	1.798e+05	3.572e+05	-1.044e+05
112	3-7.594e+04	9.749e+04	-0.01	-313.55	0.0	-488.90	2962.24	-1157.83	-70.79	9.749e+04	-1.447e+05
	-1.447e+05	6.810e+04	3.25e-03	0.0	12.3	-495.27	2805.59	-1157.83	-70.79	8.279e+04	-1.094e+05
					24.6	-501.65	2648.69	-1157.83	-70.79	6.810e+04	-7.594e+04
112	18-5.324e+04	2.838e+04	-0.01	-313.55	0.0	-15.95	2373.36	-638.02	-2.087e+04	2.838e+04	-7.594e+04
	-1.093e+05	1.887e+04	-7.59e-04	0.0	12.3	-22.32	2216.71	-638.02	-2.087e+04	2.362e+04	-8.033e+04
					24.6	-28.70	2059.81	-638.02	-2.087e+04	1.887e+04	-5.324e+04
112	19-7.712e+04	8.860e+04	-0.01	-313.55	0.0	-1710.60	3096.54	-554.98	-5193.35	8.860e+04	-1.489e+05
	-1.489e+05	6.869e+04	1.32e-03	0.0	12.3	-1716.97	2939.89	-554.98	-5193.35	7.865e+04	-1.121e+05
					24.6	-1723.35	2782.99	-554.98	-5193.35	6.869e+04	-7.712e+04
112	21-7.279e+04	8.064e+04	-0.01	-313.55	0.0	-2162.62	3022.19	-238.61	-1.089e+04	8.064e+04	-1.430e+05
	-1.430e+05	6.556e+04	-6.42e-05	0.0	12.3	-2168.99	2865.54	-238.61	-1.089e+04	7.310e+04	-1.069e+05
					24.6	-2175.37	2708.64	-238.61	-1.089e+04	6.556e+04	-7.279e+04
112	24-5.757e+04	3.635e+04	-0.01	-313.55	0.0	436.07	2447.71	-954.39	-1.517e+04	3.635e+04	-1.153e+05
	-1.153e+05	2.201e+04	6.27e-04	0.0	12.3	429.70	2291.06	-954.39	-1.517e+04	2.918e+04	-8.546e+04
					24.6	423.32	2134.16	-954.39	-1.517e+04	2.201e+04	-5.757e+04
112	35-7.025e+04	7.696e+04	-0.01	-313.55	0.0	-683.56	2840.98	-865.36	-6897.83	7.696e+04	-1.365e+05
	-1.365e+05	5.523e+04	1.70e-03	0.0	12.3	-689.94	2684.33	-865.36	-6897.83	6.609e+04	-1.024e+05
					24.6	-696.32	2527.43	-865.36	-6897.83	5.523e+04	-7.025e+04
112	50-5.962e+04	4.444e+04	-0.01	-313.55	0.0	-471.92	2566.75	-612.67	-1.667e+04	4.444e+04	-1.199e+05
	-1.199e+05	3.217e+04	-2.16e-04	0.0	12.3	-478.29	2410.10	-612.67	-1.667e+04	3.831e+04	-8.881e+04
					24.6	-484.67	2253.20	-612.67	-1.667e+04	3.217e+04	-5.962e+04
112	51-7.074e+04	7.254e+04	-0.01	-313.55	0.0	-1254.63	2903.14	-580.32	-9387.14	7.254e+04	-1.383e+05
	-1.383e+05	5.539e+04	7.79e-04	0.0	12.3	-1261.00	2746.50	-580.32	-9387.14	6.396e+04	-1.036e+05

						24.6	-1267.38	2589.60	-580.32	-9387.14	5.539e+04	-7.074e+04
112	53	-6.868e+04	6.873e+04	-0.01	-313.55	0.0	-1468.55	2868.33	-429.61	-1.208e+04	6.873e+04	-1.355e+05
						12.3	-1474.92	2711.68	-429.61	-1.208e+04	6.132e+04	-1.011e+05
						24.6	-1481.30	2554.78	-429.61	-1.208e+04	5.390e+04	-6.868e+04
112	56	-6.167e+04	4.825e+04	-0.01	-313.55	0.0	-258.00	2601.56	-763.38	-1.398e+04	4.825e+04	-1.227e+05
						12.3	-264.37	2444.92	-763.38	-1.398e+04	4.095e+04	-9.123e+04
						24.6	-270.75	2288.02	-763.38	-1.398e+04	3.366e+04	-6.167e+04
112	67	-6.983e+04	7.540e+04	-0.01	-313.55	0.0	-698.63	2832.02	-842.81	-7413.90	7.540e+04	-1.358e+05
						12.3	-705.00	2675.37	-842.81	-7413.90	6.484e+04	-1.019e+05
						24.6	-711.38	2518.47	-842.81	-7413.90	5.427e+04	-6.983e+04
112	82	-6.009e+04	4.563e+04	-0.01	-313.55	0.0	-505.08	2580.97	-611.23	-1.636e+04	4.563e+04	-1.207e+05
						12.3	-511.45	2424.32	-611.23	-1.636e+04	3.939e+04	-8.943e+04
						24.6	-517.83	2267.42	-611.23	-1.636e+04	3.315e+04	-6.009e+04
112	83	-7.027e+04	7.135e+04	-0.01	-313.55	0.0	-1221.47	2888.92	-581.76	-9695.21	7.135e+04	-1.376e+05
						12.3	-1227.84	2732.27	-581.76	-9695.21	6.288e+04	-1.029e+05
						24.6	-1234.22	2575.37	-581.76	-9695.21	5.441e+04	-7.027e+04
112	85	-6.839e+04	6.787e+04	-0.01	-313.55	0.0	-1417.39	2857.04	-443.72	-1.217e+04	6.787e+04	-1.350e+05
						12.3	-1423.76	2700.40	-443.72	-1.217e+04	6.046e+04	-1.007e+05
						24.6	-1430.14	2543.50	-443.72	-1.217e+04	5.305e+04	-6.839e+04
112	88	-6.197e+04	4.912e+04	-0.01	-313.55	0.0	-309.16	2612.85	-749.28	-1.389e+04	4.912e+04	-1.233e+05
						12.3	-315.53	2456.20	-749.28	-1.389e+04	4.182e+04	-9.165e+04
						24.6	-321.91	2299.30	-749.28	-1.389e+04	3.452e+04	-6.197e+04
113	1	3.514e+04	4.073e+04	-6.85e-03	-315.56	0.0	-2767.06	1944.54	-333.63	-1818.97	4.073e+04	-7561.84
						12.3	-2773.47	1786.88	-333.63	-1818.97	3.143e+04	1.476e+04
						24.6	-2779.89	1628.98	-333.63	-1818.97	2.212e+04	3.514e+04
113	3	2.609e+04	2.173e+04	-0.02	-315.56	0.0	-115.85	2186.34	-1150.86	1.483e+04	2.173e+04	-1.976e+04
						12.3	-122.27	2028.68	-1150.86	1.483e+04	1.154e+04	4132.71
						24.6	-128.69	1870.78	-1150.86	1.483e+04	1355.21	2.609e+04
113	4	3.103e+04	1.026e+04	-0.02	-315.56	0.0	480.86	2033.73	-1253.56	1.300e+04	1.026e+04	-1.637e+04
						12.3	474.44	1876.08	-1253.56	1.300e+04	40.70	8300.47
						24.6	468.02	1718.17	-1253.56	1.300e+04	-1.018e+04	3.103e+04
113	12	3.207e+04	4859.84	-0.01	-315.56	0.0	336.61	2012.19	-1093.02	1.060e+04	4859.84	-1.508e+04
						12.3	330.20	1854.53	-1093.02	1.060e+04	-7803.82	9466.82
						24.6	323.78	1696.63	-1093.02	1.060e+04	-2.047e+04	3.207e+04
113	18	4.269e+04	9225.77	-0.01	-315.56	0.0	-546.26	1698.52	-842.17	44.61	9225.77	-4484.90
						12.3	-552.68	1540.87	-842.17	44.61	-453.14	2.007e+04
						24.6	-559.10	1382.96	-842.17	44.61	-1.013e+04	4.269e+04
113	21	2.589e+04	4.909e+04	-0.01	-315.56	0.0	-2492.02	2213.67	-548.00	6864.04	4.909e+04	-1.618e+04
						12.3	-2498.44	2056.02	-548.00	6864.04	4.024e+04	5828.62
						24.6	-2504.86	1898.11	-548.00	6864.04	3.139e+04	2.589e+04
113	33	3.408e+04	3.258e+04	-0.01	-315.56	0.0	-1912.49	1967.75	-575.05	2057.81	3.258e+04	-9847.43
						12.3	-1918.90	1810.10	-575.05	2057.81	2.306e+04	1.309e+04
						24.6	-1925.32	1652.20	-575.05	2057.81	1.353e+04	3.408e+04
113	35	2.980e+04	2.374e+04	-0.02	-315.56	0.0	-649.97	2081.44	-964.77	9953.95	2.374e+04	-1.565e+04
						12.3	-656.38	1923.79	-964.77	9953.95	1.376e+04	8042.24
						24.6	-662.81	1765.89	-964.77	9953.95	3781.97	2.980e+04
113	36	3.209e+04	1.841e+04	-0.02	-315.56	0.0	-373.71	2010.51	-1012.13	9124.25	1.841e+04	-1.409e+04
						12.3	-380.13	1852.86	-1012.13	9124.25	8410.40	9974.02
						24.6	-386.55	1694.96	-1012.13	9124.25	-1587.72	3.209e+04
113	44	3.259e+04	1.575e+04	-0.01	-315.56	0.0	-444.14	2000.29	-935.15	7963.35	1.575e+04	-1.346e+04
						12.3	-450.56	1842.64	-935.15	7963.35	4598.89	1.053e+04
						24.6	-456.98	1684.74	-935.15	7963.35	-6547.81	3.259e+04
113	50	3.756e+04	1.793e+04	-0.01	-315.56	0.0	-872.05	1853.86	-814.07	3023.78	1.793e+04	-8484.93
						12.3	-878.46	1696.21	-814.07	3023.78	8207.37	1.551e+04
						24.6	-884.89	1538.31	-814.07	3023.78	-1515.55	3.756e+04
113	53	2.975e+04	3.651e+04	-0.01	-315.56	0.0	-1771.78	2093.36	-679.29	6137.71	3.651e+04	-1.389e+04
						12.3	-1778.19	1935.71	-679.29	6137.71	2.719e+04	8899.54
						24.6	-1784.61	1777.81	-679.29	6137.71	1.787e+04	2.975e+04
113	65	3.400e+04	3.198e+04	-0.01	-315.56	0.0	-1847.76	1969.55	-593.42	2354.54	3.198e+04	-1.002e+04
						12.3	-1854.17	1811.89	-593.42	2354.54	2.244e+04	1.296e+04
						24.6	-1860.60	1653.99	-593.42	2354.54	1.289e+04	3.400e+04
113	67	3.007e+04	2.389e+04	-0.02	-315.56	0.0	-691.31	2073.65	-950.41	9586.56	2.389e+04	-1.534e+04
						12.3	-697.72	1916.00	-950.41	9586.56	1.393e+04	8336.07
						24.6	-704.14	1758.09	-950.41	9586.56	3966.09	3.007e+04
113	68	3.218e+04	1.901e+04	-0.02	-315.56	0.0	-438.44	2008.72	-993.76	8827.52	1.901e+04	-1.391e+04
						12.3	-444.85	1851.07	-993.76	8827.52	9029.08	1.010e+04
						24.6	-451.28	1693.16	-993.76	8827.52	-949.68	3.218e+04
113	76	3.263e+04	1.657e+04	-0.01	-315.56	0.0	-502.99	1999.36	-923.24	7763.80	1.657e+04	-1.334e+04
						12.3	-509.41	1841.71	-923.24	7763.80	5536.03	1.062e+04
						24.6	-515.83	1683.80	-923.24	7763.80	-5494.40	3.263e+04
113	82	3.718e+04	1.857e+04	-0.01	-315.56	0.0	-895.12	1865.30	-812.29	3241.15	1.857e+04	-8779.31
						12.3	-901.54	1707.65	-812.29	3241.15	8843.86	1.517e+04
						24.6	-907.96	1549.74	-812.29	3241.15	-882.35	3.718e+04
113	85	3.003e+04	3.558e+04	-0.01	-315.56	0.0	-1718.65	2084.54	-688.95	6090.41	3.558e+04	-1.373e+04
						12.3	-1725.06	1926.89	-688.95	6090.41	2.622e+04	9122.52
						24.6	-1731.48	1768.99	-688.95	6090.41	1.687e+04	3.003e+04
114	1	9.216e+04	9253.99	-0.01	-317.57	0.0	-3616.44	1411.03	-688.65	3129.39	9253.99	7.208e+04

		7.208e+04	-1528.73	-2.38e-03	0.0	12.3	-3622.90	1252.37	-368.65	3129.39	3862.63	8.310e+04
						24.6	-3629.36	1093.46	-368.65	3129.39	-1528.73	9.216e+04
114	4	1.139e+05	-3.521e+04	-0.01	-317.57	0.0	762.17	1501.46	-1028.41	1.510e+04	-3.521e+04	7.035e+04
		7.035e+04	-5.879e+04	3.20e-03	0.0	12.3	755.72	1342.80	-1028.41	1.510e+04	-4.700e+04	9.310e+04
						24.6	749.25	1183.89	-1028.41	1.510e+04	-5.879e+04	1.139e+05
114	9	9.331e+04	1.822e+04	-0.01	-317.57	0.0	-3186.27	1431.10	-505.47	4745.17	1.822e+04	7.100e+04
		7.100e+04	4769.93	-1.05e-03	0.0	12.3	-3192.73	1272.44	-505.47	4745.17	1.150e+04	8.313e+04
						24.6	-3199.19	1113.53	-505.47	4745.17	4769.93	9.331e+04
114	12	1.127e+05	-4.418e+04	-0.01	-317.57	0.0	332.00	1481.39	-891.59	1.348e+04	-4.418e+04	7.143e+04
		7.143e+04	-6.508e+04	1.87e-03	0.0	12.3	325.55	1322.73	-891.59	1.348e+04	-5.463e+04	9.306e+04
						24.6	319.08	1163.82	-891.59	1.348e+04	-6.508e+04	1.127e+05
114	19	8.730e+04	1694.45	-0.01	-317.57	0.0	-1834.19	1677.85	-648.03	1.352e+04	1694.45	5.656e+04
		5.656e+04	-1.690e+04	1.57e-03	0.0	12.3	-1840.64	1519.19	-648.03	1.352e+04	-7600.35	7.291e+04
						24.6	-1847.10	1360.28	-648.03	1.352e+04	-1.690e+04	8.730e+04
114	20	1.221e+05	-3.747e+04	-0.01	-317.57	0.0	117.82	1296.12	-922.28	8735.01	-3.747e+04	8.297e+04
		8.297e+04	-5.699e+04	9.74e-04	0.0	12.3	111.36	1137.46	-922.28	8735.01	-4.723e+04	1.035e+05
						24.6	104.90	978.55	-922.28	8735.01	-5.699e+04	1.221e+05
114	33	9.797e+04	-2473.88	-0.01	-317.57	0.0	-2466.32	1434.55	-541.94	6259.86	-2473.88	7.163e+04
		7.163e+04	-1.658e+04	-9.23e-04	0.0	12.3	-2472.78	1275.89	-541.94	6259.86	-9529.38	8.578e+04
						24.6	-2479.24	1116.98	-541.94	6259.86	-1.658e+04	9.797e+04
114	36	1.081e+05	-2.348e+04	-0.01	-317.57	0.0	-387.95	1477.93	-855.12	1.197e+04	-2.348e+04	7.080e+04
		7.080e+04	-4.373e+04	1.74e-03	0.0	12.3	-394.40	1319.27	-855.12	1.197e+04	-3.361e+04	9.042e+04
						24.6	-400.87	1160.36	-855.12	1.197e+04	-4.373e+04	1.081e+05
114	41	9.850e+04	1807.78	-0.01	-317.57	0.0	-2258.67	1444.14	-607.45	7039.64	1807.78	7.112e+04
		7.112e+04	-1.360e+04	-2.89e-04	0.0	12.3	-2265.13	1285.48	-607.45	7039.64	-5896.06	8.579e+04
						24.6	-2271.59	1126.57	-607.45	7039.64	-1.360e+04	9.850e+04
114	44	1.075e+05	-2.777e+04	-0.01	-317.57	0.0	-595.60	1468.34	-789.61	1.119e+04	-2.777e+04	7.131e+04
		7.131e+04	-4.671e+04	1.11e-03	0.0	12.3	-602.06	1309.68	-789.61	1.119e+04	-3.724e+04	9.040e+04
						24.6	-608.52	1150.77	-789.61	1.119e+04	-4.671e+04	1.075e+05
114	51	9.571e+04	-6186.45	-0.01	-317.57	0.0	-1606.29	1559.43	-676.59	1.115e+04	-6186.45	6.439e+04
		6.439e+04	-2.405e+04	9.63e-04	0.0	12.3	-1612.74	1400.77	-676.59	1.115e+04	-1.512e+04	8.103e+04
						24.6	-1619.21	1241.86	-676.59	1.115e+04	-2.405e+04	9.571e+04
114	52	1.119e+05	-2.443e+04	-0.01	-317.57	0.0	-705.54	1382.04	-803.04	8984.77	-2.443e+04	7.668e+04
		7.668e+04	-4.273e+04	6.82e-04	0.0	12.3	-711.99	1223.38	-803.04	8984.77	-3.358e+04	9.528e+04
						24.6	-718.46	1064.46	-803.04	8984.77	-4.273e+04	1.119e+05
114	65	9.840e+04	-3358.33	-0.01	-317.57	0.0	-2378.94	1436.37	-555.11	6499.62	-3358.33	7.160e+04
		7.160e+04	-1.773e+04	-8.11e-04	0.0	12.3	-2385.40	1277.71	-555.11	6499.62	-1.054e+04	8.597e+04
						24.6	-2391.86	1118.80	-555.11	6499.62	-1.773e+04	9.840e+04
114	68	1.077e+05	-2.260e+04	-0.01	-317.57	0.0	-475.33	1476.11	-841.95	1.173e+04	-2.260e+04	7.083e+04
		7.083e+04	-4.259e+04	1.63e-03	0.0	12.3	-481.79	1317.46	-841.95	1.173e+04	-3.259e+04	9.022e+04
						24.6	-488.25	1158.54	-841.95	1.173e+04	-4.259e+04	1.077e+05
114	73	9.889e+04	563.84	-0.01	-317.57	0.0	-2188.67	1445.16	-615.12	7214.11	563.84	7.113e+04
		7.113e+04	-1.499e+04	-2.30e-04	0.0	12.3	-2195.13	1286.50	-615.12	7214.11	-7214.41	8.599e+04
						24.6	-2201.59	1127.59	-615.12	7214.11	-1.499e+04	9.889e+04
114	76	1.072e+05	-2.652e+04	-0.01	-317.57	0.0	-665.60	1467.33	-781.94	1.102e+04	-2.652e+04	7.130e+04
		7.130e+04	-4.532e+04	1.05e-03	0.0	12.3	-672.06	1308.67	-781.94	1.102e+04	-3.592e+04	9.021e+04
						24.6	-678.52	1149.76	-781.94	1.102e+04	-4.532e+04	1.072e+05
114	83	9.633e+04	-6761.64	-0.01	-317.57	0.0	-1590.90	1550.71	-678.49	1.098e+04	-6761.64	6.497e+04
		6.497e+04	-2.457e+04	9.17e-04	0.0	12.3	-1597.36	1392.05	-678.49	1.098e+04	-1.566e+04	8.162e+04
						24.6	-1603.82	1233.13	-678.49	1.098e+04	-2.457e+04	9.633e+04
114	84	1.112e+05	-2.347e+04	-0.01	-317.57	0.0	-766.49	1388.32	-794.21	8996.87	-2.347e+04	7.622e+04
		7.622e+04	-4.167e+04	6.59e-04	0.0	12.3	-772.94	1229.66	-794.21	8996.87	-3.257e+04	9.467e+04
						24.6	-779.40	1070.75	-794.21	8996.87	-4.167e+04	1.112e+05
115	1	1.325e+05	-1.045e+04	-6.88e-03	-319.59	0.0	-4277.78	904.35	-300.22	1877.25	-1.045e+04	1.151e+05
		1.151e+05	-1.727e+04	-2.43e-03	0.0	12.3	-4284.27	744.68	-300.22	1877.25	-1.386e+04	1.248e+05
						24.6	-4290.78	584.76	-300.22	1877.25	-1.727e+04	1.325e+05
115	4	1.631e+05	-7.914e+04	-8.30e-03	-319.59	0.0	1031.50	993.23	-647.88	1.212e+04	-7.914e+04	1.418e+05
		1.418e+05	-9.563e+04	2.92e-03	0.0	12.3	1025.00	833.56	-647.88	1.212e+04	-8.713e+04	1.518e+05
						24.6	1018.50	673.64	-647.88	1.212e+04	-9.563e+04	1.631e+05
115	9	1.340e+05	-7016.48	-6.97e-03	-319.59	0.0	-3571.49	920.39	-416.40	3105.76	-7016.48	1.165e+05
		1.165e+05	-1.650e+04	-1.09e-03	0.0	12.3	-3577.99	760.72	-416.40	3105.76	-1.176e+04	1.263e+05
						24.6	-3584.49	600.80	-416.40	3105.76	-1.650e+04	1.340e+05
115	12	1.615e+05	-8.257e+04	-8.21e-03	-319.59	0.0	325.21	977.19	-531.70	1.089e+04	-8.257e+04	1.404e+05
		1.404e+05	-9.640e+04	1.57e-03	0.0	12.3	318.71	817.52	-531.70	1.089e+04	-8.948e+04	1.520e+05
						24.6	312.21	657.60	-531.70	1.089e+04	-9.640e+04	1.615e+05
115	17	1.215e+05	-1.581e+04	-6.53e-03	-319.59	0.0	-3326.15	1043.24	-518.01	7009.67	-1.581e+04	1.051e+05
		1.051e+05	-2.574e+04	-2.30e-04	0.0	12.3	-3332.64	883.57	-518.01	7009.67	-2.077e+04	1.143e+05
						24.6	-3339.15	723.65	-518.01	7009.67	-2.574e+04	1.215e+05
115	20	1.741e+05	-7.378e+04	-8.65e-03	-319.59	0.0	79.87	854.34	-430.09	6985.75	-7.378e+04	1.518e+05
		1.518e+05	-8.716e+04	7.17e-04	0.0	12.3	73.37	694.67	-430.09	6985.75	-8.047e+04	1.639e+05
						24.6	66.87	534.75	-430.09	6985.75	-8.716e+04	1.741e+05
115	33	1.407e+05	-2.849e+04	-7.26e-03	-319.59	0.0	-2883.86	927.43	-390.76	4551.58	-2.849e+04	1.223e+05
		1.223e+05	-3.784e+04	-1.03e-03	0.0	12.3	-2890.36	767.76	-390.76	4551.58	-3.316e+04	1.324e+05
						24.6	-2896.86	607.84	-390.76	4551.58	-3.784e+04	1.407e+05
115	36	1.549e+05	-6.110e+04	-7.92e-03	-319.59	0.0	-362.42	970.15	-557.33	9443.84	-6.110e+04	1.347e+05
		1.347e+05	-7.506e+04	1.52e-03	0.0	12.3	-368.91	810.48	-557.33	9443.84	-6.808e+04	1.458e+05
						24.6	-375.42	650.56	-557.33	9443.84	-7.506e+04	1.549e+05

115	41	1.414e+05-2.688e+04	-7.30e-03	-319.59	0.0	-2544.05	935.14	-446.32	5143.73-2.688e+04	1.229e+05
		1.229e+05-3.751e+04	-3.91e-04	0.0	12.3	-2550.55	775.48	-446.32	5143.73-3.220e+04	1.331e+05
					24.6	-2557.05	615.56	-446.32	5143.73-3.751e+04	1.414e+05
115	44	1.542e+05-6.270e+04	-7.88e-03	-319.59	0.0	-702.23	962.43	-501.78	8851.69-6.270e+04	1.340e+05
		1.340e+05-7.539e+04	8.78e-04	0.0	12.3	-708.72	802.77	-501.78	8851.69-6.905e+04	1.451e+05
					24.6	-715.23	642.84	-501.78	8851.69-7.539e+04	1.542e+05
115	49	1.355e+05-3.120e+04	-7.09e-03	-319.59	0.0	-2418.43	992.36	-493.35	6966.44-3.120e+04	1.176e+05
		1.176e+05-4.205e+04	1.67e-05	0.0	12.3	-2424.93	832.70	-493.35	6966.44-3.663e+04	1.276e+05
					24.6	-2431.43	672.78	-493.35	6966.44-4.205e+04	1.355e+05
115	52	1.600e+05-5.838e+04	-8.09e-03	-319.59	0.0	-827.85	905.21	-454.74	7028.98-5.838e+04	1.393e+05
		1.393e+05-7.085e+04	4.74e-04	0.0	12.3	-834.34	745.55	-454.74	7028.98-6.462e+04	1.507e+05
					24.6	-840.85	585.63	-454.74	7028.98-7.085e+04	1.600e+05
115	65	1.413e+05-2.986e+04	-7.29e-03	-319.59	0.0	-2777.87	929.22	-397.75	4756.91-2.986e+04	1.228e+05
		1.228e+05-3.940e+04	-9.27e-04	0.0	12.3	-2784.36	769.55	-397.75	4756.91-3.463e+04	1.330e+05
					24.6	-2790.87	609.63	-397.75	4756.91-3.940e+04	1.413e+05
115	68	1.543e+05-5.973e+04	-7.89e-03	-319.59	0.0	-468.41	968.36	-550.35	9238.51-5.973e+04	1.341e+05
		1.341e+05-7.350e+04	1.41e-03	0.0	12.3	-474.91	808.69	-550.35	9238.51-6.661e+04	1.452e+05
					24.6	-481.41	648.77	-550.35	9238.51-7.350e+04	1.543e+05
115	73	1.419e+05-2.839e+04	-7.33e-03	-319.59	0.0	-2466.53	936.29	-448.64	5299.47-2.839e+04	1.234e+05
		1.234e+05-3.910e+04	-3.38e-04	0.0	12.3	-2473.02	776.62	-448.64	5299.47-3.375e+04	1.336e+05
					24.6	-2479.53	616.70	-448.64	5299.47-3.910e+04	1.419e+05
115	76	1.536e+05-6.120e+04	-7.85e-03	-319.59	0.0	-779.75	961.29	-499.46	8695.95-6.120e+04	1.336e+05
		1.336e+05-7.380e+04	8.25e-04	0.0	12.3	-786.25	801.62	-499.46	8695.95-6.750e+04	1.446e+05
					24.6	-792.76	641.70	-499.46	8695.95-7.380e+04	1.536e+05
115	81	1.366e+05-3.235e+04	-7.14e-03	-319.59	0.0	-2351.26	988.67	-491.70	6968.22-3.235e+04	1.185e+05
		1.185e+05-4.326e+04	3.28e-05	0.0	12.3	-2357.75	829.00	-491.70	6968.22-3.781e+04	1.285e+05
					24.6	-2364.26	669.08	-491.70	6968.22-4.326e+04	1.366e+05
115	84	1.590e+05-5.724e+04	-8.04e-03	-319.59	0.0	-895.02	908.91	-456.40	7027.20-5.724e+04	1.384e+05
		1.384e+05-6.964e+04	4.55e-04	0.0	12.3	-901.52	749.24	-456.40	7027.20-6.344e+04	1.497e+05
					24.6	-908.02	589.32	-456.40	7027.20-6.964e+04	1.590e+05
116	1	1.499e+05-2.180e+04	-1.48e-03	-321.61	0.0	-4659.96	394.22	-88.39	-1471.00-2.180e+04	1.440e+05
		1.440e+05-2.367e+04	-2.54e-03	0.0	12.3	-4666.49	233.55	-88.39	-1471.00-2.273e+04	1.479e+05
					24.6	-4673.04	72.61	-88.39	-1471.00-2.367e+04	1.499e+05
116	4	1.853e+05-1.079e+05	-1.75e-03	-321.61	0.0	1291.61	482.85	-316.94	7379.33-1.079e+05	1.775e+05
		1.775e+05-1.160e+05	2.51e-03	0.0	12.3	1285.07	322.17	-316.94	7379.33-1.119e+05	1.824e+05
					24.6	1278.52	161.24	-316.94	7379.33-1.160e+05	1.853e+05
116	17	1.384e+05-3.291e+04	-1.57e-03	-321.61	0.0	-3506.37	472.03	-245.23	2747.70-3.291e+04	1.324e+05
		1.324e+05-3.723e+04	-3.92e-04	0.0	12.3	-3512.91	311.35	-245.23	2747.70-3.507e+04	1.364e+05
					24.6	-3519.46	150.41	-245.23	2747.70-3.723e+04	1.384e+05
116	20	1.968e+05-9.678e+04	-1.67e-03	-321.61	0.0	138.02	405.05	-160.09	3160.63-9.678e+04	1.892e+05
		1.892e+05-1.024e+05	3.63e-04	0.0	12.3	131.49	244.37	-160.09	3160.63-9.961e+04	1.940e+05
					24.6	124.94	83.44	-160.09	3160.63-1.024e+05	1.968e+05
116	33	1.593e+05-4.439e+04	-1.55e-03	-321.61	0.0	-3097.58	417.16	-147.94	836.76-4.439e+04	1.530e+05
		1.530e+05-4.789e+04	-1.22e-03	0.0	12.3	-3104.12	256.48	-147.94	836.76-4.614e+04	1.571e+05
					24.6	-3110.66	95.55	-147.94	836.76-4.789e+04	1.593e+05
116	36	1.759e+05-8.530e+04	-1.68e-03	-321.61	0.0	-270.77	459.91	-257.39	5071.57-8.530e+04	1.686e+05
		1.686e+05-9.177e+04	1.19e-03	0.0	12.3	-277.31	299.23	-257.39	5071.57-8.854e+04	1.732e+05
					24.6	-283.85	138.30	-257.39	5071.57-9.177e+04	1.759e+05
116	49	1.540e+05-4.987e+04	-1.59e-03	-321.61	0.0	-2534.85	453.46	-221.74	2830.71-4.987e+04	1.476e+05
		1.476e+05-5.454e+04	-2.00e-04	0.0	12.3	-2541.39	292.78	-221.74	2830.71-5.220e+04	1.518e+05
					24.6	-2547.94	131.85	-221.74	2830.71-5.454e+04	1.540e+05
116	52	1.812e+05-7.982e+04	-1.64e-03	-321.61	0.0	-833.50	423.61	-183.58	3077.63-7.982e+04	1.740e+05
		1.740e+05-8.512e+04	1.71e-04	0.0	12.3	-840.03	262.93	-183.58	3077.63-8.247e+04	1.786e+05
					24.6	-846.58	102.00	-183.58	3077.63-8.512e+04	1.812e+05
116	65	1.600e+05-4.611e+04	-1.56e-03	-321.61	0.0	-2978.75	418.95	-152.53	1014.42-4.611e+04	1.536e+05
		1.536e+05-4.973e+04	-1.12e-03	0.0	12.3	-2985.29	258.27	-152.53	1014.42-4.792e+04	1.578e+05
					24.6	-2991.83	97.34	-152.53	1014.42-4.973e+04	1.600e+05
116	68	1.752e+05-8.358e+04	-1.67e-03	-321.61	0.0	-389.60	458.12	-252.80	4893.91-8.358e+04	1.679e+05
		1.679e+05-8.993e+04	1.09e-03	0.0	12.3	-396.14	297.44	-252.80	4893.91-8.676e+04	1.725e+05
					24.6	-402.68	136.51	-252.80	4893.91-8.993e+04	1.752e+05
116	81	1.551e+05-5.113e+04	-1.60e-03	-321.61	0.0	-2462.99	452.18	-220.11	2840.51-5.113e+04	1.487e+05
		1.487e+05-5.583e+04	-1.85e-04	0.0	12.3	-2469.53	291.51	-220.11	2840.51-5.348e+04	1.529e+05
					24.6	-2476.08	130.57	-220.11	2840.51-5.583e+04	1.551e+05
116	84	1.800e+05-7.856e+04	-1.64e-03	-321.61	0.0	-905.36	424.89	-185.21	3067.82-7.856e+04	1.729e+05
		1.729e+05-8.383e+04	1.55e-04	0.0	12.3	-911.89	264.21	-185.21	3067.82-8.119e+04	1.774e+05
					24.6	-918.44	103.28	-185.21	3067.82-8.383e+04	1.800e+05
117	1	1.593e+05-1.909e+04	4.36e-03	-323.64	0.0	-4724.49	-101.36	147.32	-4873.43-2.281e+04	1.503e+05
		1.503e+05-2.281e+04	-2.67e-03	0.0	12.3	-4731.06	-263.05	147.32	-4873.43-2.095e+04	1.558e+05
					24.6	-4737.65	-425.00	147.32	-4873.43-1.909e+04	1.593e+05
117	4	1.859e+05-1.193e+05	5.40e-03	-323.64	0.0	1540.94	-43.95	24.96	2527.46-1.198e+05	1.859e+05
		1.654e+05-1.198e+05	2.04e-03	0.0	12.3	1534.36	-205.64	24.96	2527.46-1.195e+05	1.767e+05
					24.6	1527.78	-367.59	24.96	2527.46-1.193e+05	1.654e+05
117	18	1.909e+05-7.493e+04	5.79e-03	-323.64	0.0	-1409.79	-160.84	198.93	-3827.77-7.854e+04	1.909e+05
		1.349e+05-7.854e+04	-1.53e-03	0.0	12.3	-1416.37	-322.53	198.93	-3827.77-7.673e+04	1.639e+05
					24.6	-1422.96	-484.47	198.93	-3827.77-7.493e+04	1.349e+05
117	20	1.969e+05-1.015e+05	5.93e-03	-323.64	0.0	284.59	-130.47	146.63	-1352.42-1.040e+05	1.969e+05
		1.411e+05-1.040e+05	-3.30e-05	0.0	12.3	278.01	-292.17	146.63	-1352.42-1.028e+05	1.700e+05

						24.6	271.42	-454.11	146.63	-1352.42	-1.015e+05	1.411e+05
117	33	1.614e+05 -4.536e+04	4.64e-03	-323.64	0.0	0.0	-3079.66	-86.52	115.42	-2945.73	-4.824e+04	1.598e+05
		1.598e+05 -4.824e+04	-1.44e-03	0.0	12.3	12.3	-3086.23	-248.21	115.42	-2945.73	-4.680e+04	1.613e+05
						24.6	-3092.82	-410.16	115.42	-2945.73	-4.536e+04	1.609e+05
117	36	1.764e+05 -9.299e+04	5.12e-03	-323.64	0.0	0.0	-103.89	-58.78	56.86	599.76	-9.435e+04	1.764e+05
		1.638e+05 -9.435e+04	8.13e-04	0.0	12.3	12.3	-110.46	-220.48	56.86	599.76	-9.367e+04	1.711e+05
						24.6	-117.05	-382.42	56.86	599.76	-9.299e+04	1.638e+05
117	50	1.787e+05 -7.165e+04	5.30e-03	-323.64	0.0	0.0	-1523.91	-113.63	138.80	-2414.07	-7.448e+04	1.787e+05
		1.496e+05 -7.448e+04	-8.88e-04	0.0	12.3	12.3	-1530.49	-275.32	138.80	-2414.07	-7.307e+04	1.651e+05
						24.6	-1537.08	-437.27	138.80	-2414.07	-7.165e+04	1.496e+05
117	52	1.815e+05 -8.435e+04	5.37e-03	-323.64	0.0	0.0	-716.10	-99.23	113.98	-1233.30	-8.664e+04	1.815e+05
		1.525e+05 -8.664e+04	-1.73e-04	0.0	12.3	12.3	-722.68	-260.92	113.98	-1233.30	-8.550e+04	1.680e+05
						24.6	-729.26	-422.87	113.98	-1233.30	-8.435e+04	1.525e+05
117	65	1.618e+05 -4.736e+04	4.66e-03	-323.64	0.0	0.0	-2954.57	-85.36	112.97	-2797.03	-5.018e+04	1.605e+05
		1.605e+05 -5.018e+04	-1.34e-03	0.0	12.3	12.3	-2961.14	-247.05	112.97	-2797.03	-4.877e+04	1.618e+05
						24.6	-2967.73	-409.00	112.97	-2797.03	-4.736e+04	1.610e+05
117	68	1.757e+05 -9.099e+04	5.10e-03	-323.64	0.0	0.0	-228.98	-59.94	59.32	451.06	-9.241e+04	1.757e+05
		1.637e+05 -9.241e+04	7.19e-04	0.0	12.3	12.3	-235.56	-221.64	59.32	451.06	-9.170e+04	1.707e+05
						24.6	-242.14	-383.58	59.32	451.06	-9.099e+04	1.637e+05
117	82	1.778e+05 -7.144e+04	5.27e-03	-323.64	0.0	0.0	-1530.04	-110.16	134.35	-2309.27	-7.421e+04	1.678e+05
		1.507e+05 -7.421e+04	-8.39e-04	0.0	12.3	12.3	-1536.62	-271.86	134.35	-2309.27	-7.282e+04	1.652e+05
						24.6	-1543.21	-433.80	134.35	-2309.27	-7.144e+04	1.507e+05
117	84	1.804e+05 -8.307e+04	5.33e-03	-323.64	0.0	0.0	-790.08	-96.97	111.62	-1227.66	-8.535e+04	1.804e+05
		1.533e+05 -8.535e+04	-1.85e-04	0.0	12.3	12.3	-796.65	-258.67	111.62	-1227.66	-8.421e+04	1.679e+05
						24.6	-803.24	-420.61	111.62	-1227.66	-8.307e+04	1.533e+05
118	1	1.470e+05 -2243.48	9.79e-03	-323.90	0.0	0.0	-4465.99	-597.10	409.69	-6567.93	-1.237e+04	1.470e+05
		1.279e+05 -1.237e+04	-2.77e-03	0.0	12.3	12.3	-4472.59	-759.19	409.69	-6567.93	-7305.14	1.385e+05
						24.6	-4479.17	-920.99	409.69	-6567.93	-2243.48	1.279e+05
118	4	1.538e+05 -1.062e+05	0.01	-323.90	0.0	0.0	1765.10	-566.28	341.27	-444.70	-1.146e+05	1.538e+05
		1.364e+05 -1.146e+05	1.58e-03	0.0	12.3	12.3	1758.51	-728.37	341.27	-444.70	-1.104e+05	1.461e+05
						24.6	1751.93	-890.17	341.27	-444.70	-1.062e+05	1.364e+05
118	5	1.463e+05 -2220.50	9.85e-03	-323.90	0.0	0.0	-4436.59	-601.99	412.89	-6668.06	-1.237e+04	1.463e+05
		1.274e+05 -1.237e+04	-2.79e-03	0.0	12.3	12.3	-4443.19	-764.09	412.89	-6668.06	-7296.58	1.378e+05
						24.6	-4449.77	-925.89	412.89	-6668.06	-2220.50	1.274e+05
118	18	1.256e+05 -5.686e+04	0.01	-323.90	0.0	0.0	-1195.86	-741.05	497.56	-6523.03	-6.766e+04	1.256e+05
		1.108e+05 -6.766e+04	-1.80e-03	0.0	12.3	12.3	-1202.45	-903.15	497.56	-6523.03	-6.226e+04	1.192e+05
						24.6	-1209.03	-1064.95	497.56	-6523.03	-5.686e+04	1.108e+05
118	19	1.752e+05 -5.159e+04	9.26e-03	-323.90	0.0	0.0	-1505.03	-422.32	253.40	-489.61	-5.926e+04	1.752e+05
		1.536e+05 -5.926e+04	6.16e-04	0.0	12.3	12.3	-1511.63	-584.42	253.40	-489.61	-5.543e+04	1.654e+05
						24.6	-1518.21	-746.22	253.40	-489.61	-5.159e+04	1.536e+05
118	33	1.488e+05 -2.950e+04	0.01	-323.90	0.0	0.0	-2830.03	-589.04	391.85	-4968.43	-3.916e+04	1.488e+05
		1.301e+05 -3.916e+04	-1.63e-03	0.0	12.3	12.3	-2836.63	-751.14	391.85	-4968.43	-3.433e+04	1.405e+05
						24.6	-2843.21	-912.94	391.85	-4968.43	-2.950e+04	1.301e+05
118	36	1.521e+05 -7.895e+04	0.01	-323.90	0.0	0.0	129.14	-574.33	359.12	-2044.20	-8.776e+04	1.521e+05
		1.342e+05 -8.776e+04	4.45e-04	0.0	12.3	12.3	122.55	-736.43	359.12	-2044.20	-8.335e+04	1.441e+05
						24.6	115.97	-898.23	359.12	-2044.20	-7.895e+04	1.342e+05
118	37	1.484e+05 -2.948e+04	0.01	-323.90	0.0	0.0	-2817.26	-591.32	393.33	-5013.03	-3.916e+04	1.484e+05
		1.299e+05 -3.916e+04	-1.65e-03	0.0	12.3	12.3	-2823.86	-753.42	393.33	-5013.03	-3.432e+04	1.402e+05
						24.6	-2830.44	-915.22	393.33	-5013.03	-2.948e+04	1.299e+05
118	40	1.524e+05 -7.897e+04	0.01	-323.90	0.0	0.0	116.37	-572.05	357.63	-1999.61	-8.776e+04	1.524e+05
		1.345e+05 -8.776e+04	4.58e-04	0.0	12.3	12.3	109.78	-734.15	357.63	-1999.61	-8.337e+04	1.445e+05
						24.6	103.20	-895.95	357.63	-1999.61	-7.897e+04	1.345e+05
118	50	1.389e+05 -5.522e+04	0.01	-323.90	0.0	0.0	-1295.43	-655.91	432.48	-4902.85	-6.520e+04	1.389e+05
		1.222e+05 -6.520e+04	-1.17e-03	0.0	12.3	12.3	-1302.02	-818.01	432.48	-4902.85	-6.021e+04	1.315e+05
						24.6	-1308.60	-979.81	432.48	-4902.85	-5.522e+04	1.222e+05
118	51	1.620e+05 -5.323e+04	0.01	-323.90	0.0	0.0	-1405.46	-507.46	318.49	-2109.79	-6.172e+04	1.620e+05
		1.422e+05 -6.172e+04	-2.34e-05	0.0	12.3	12.3	-1412.06	-669.56	318.49	-2109.79	-5.748e+04	1.531e+05
						24.6	-1418.64	-831.36	318.49	-2109.79	-5.323e+04	1.422e+05
118	65	1.489e+05 -3.158e+04	0.01	-323.90	0.0	0.0	-2705.64	-588.43	390.47	-4845.70	-4.120e+04	1.489e+05
		1.303e+05 -4.120e+04	-1.55e-03	0.0	12.3	12.3	-2712.23	-750.52	390.47	-4845.70	-3.639e+04	1.406e+05
						24.6	-2718.81	-912.32	390.47	-4845.70	-3.158e+04	1.303e+05
118	68	1.519e+05 -7.687e+04	0.01	-323.90	0.0	0.0	4.75	-574.95	360.49	-2166.94	-8.572e+04	1.519e+05
		1.341e+05 -8.572e+04	3.58e-04	0.0	12.3	12.3	-1.85	-737.04	360.49	-2166.94	-8.129e+04	1.440e+05
						24.6	-8.43	-898.84	360.49	-2166.94	-7.687e+04	1.341e+05
118	69	1.486e+05 -3.156e+04	0.01	-323.90	0.0	0.0	-2693.97	-590.51	391.83	-4886.47	-4.120e+04	1.486e+05
		1.301e+05 -4.120e+04	-1.56e-03	0.0	12.3	12.3	-2700.56	-752.61	391.83	-4886.47	-3.638e+04	1.403e+05
						24.6	-2707.14	-914.41	391.83	-4886.47	-3.156e+04	1.301e+05
118	72	1.522e+05 -7.689e+04	0.01	-323.90	0.0	0.0	-6.93	-572.86	359.13	-2126.17	-8.572e+04	1.522e+05
		1.343e+05 -8.572e+04	3.69e-04	0.0	12.3	12.3	-13.52	-734.96	359.13	-2126.17	-8.131e+04	1.443e+05
						24.6	-20.10	-896.76	359.13	-2126.17	-7.689e+04	1.343e+05
118	82	1.399e+05 -5.513e+04	0.01	-323.90	0.0	0.0	-1300.48	-649.64	427.66	-4784.61	-6.504e+04	1.399e+05
		1.231e+05 -6.504e+04	-1.12e-03	0.0	12.3	12.3	-1307.07	-811.73	427.66	-4784.61	-6.009e+04	1.325e+05
						24.6	-1313.65	-973.53	427.66	-4784.61	-5.513e+04	1.231e+05
118	83	1.610e+05 -5.332e+04	0.01	-323.90	0.0	0.0	-1400.42	-513.74	323.30	-2228.03	-6.188e+04	1.610e+05
		1.413e+05 -6.188e+04	-7.15e-05	0.0	12.3	12.3	-1407.01	-675.83	323.30	-2228.03	-5.760e+04	1.521e+05
						24.6	-1413.59	-837.63	323.30	-2228.03	-5.332e+04	1.413e+05
119	1	1.027e+05 2.440e+04	0.01	-321.55	0.0	0.0	-3971.29	-1137.07	512.72	-2635.55	1.089e+04	1.027e+05

		6.980e+04	1.089e+04	-2.78e-03	0.0	12.3	-3977.84	-1297.99	512.72	-2635.55	1.764e+04	8.724e+04
119	4	1.126e+05	-7.896e+04	0.02	-321.55	24.6	-3984.37	-1458.61	512.72	-2635.55	2.440e+04	6.980e+04
		8.232e+04	-9.458e+04	1.18e-03	0.0	0.0	1976.62	-1111.17	671.40	2792.01	-9.458e+04	1.126e+05
						12.3	1970.08	-1272.09	671.40	2792.01	-8.677e+04	9.844e+04
						24.6	1963.54	-1432.72	671.40	2792.01	-7.896e+04	8.232e+04
119	5	1.023e+05	2.454e+04	0.01	-321.55	0.0	-3961.37	-1144.10	516.51	-2805.98	1.091e+04	1.023e+05
		6.953e+04	1.091e+04	-2.81e-03	0.0	12.3	-3967.91	-1305.02	516.51	-2805.98	1.773e+04	8.689e+04
						24.6	-3974.45	-1465.65	516.51	-2805.98	2.454e+04	6.953e+04
119	8	1.130e+05	-7.910e+04	0.02	-321.55	0.0	1966.69	-1104.14	667.60	2962.44	-9.460e+04	1.130e+05
		8.259e+04	-9.460e+04	1.21e-03	0.0	12.3	1960.15	-1265.06	667.60	2962.44	-8.685e+04	9.880e+04
						24.6	1953.61	-1425.69	667.60	2962.44	-7.910e+04	8.259e+04
119	18	9.083e+04	-2.757e+04	0.02	-321.55	0.0	-913.45	-1353.08	690.16	-3487.00	-4.311e+04	9.083e+04
		6.403e+04	-4.311e+04	-1.99e-03	0.0	12.3	-919.99	-1514.00	690.16	-3487.00	-3.534e+04	7.842e+04
						24.6	-926.53	-1674.63	690.16	-3487.00	-2.757e+04	6.403e+04
119	19	1.245e+05	-2.699e+04	0.01	-321.55	0.0	-1081.22	-895.16	493.96	3643.46	-4.058e+04	1.245e+05
		8.808e+04	-4.058e+04	3.90e-04	0.0	12.3	-1087.77	-1056.08	493.96	3643.46	-3.378e+04	9.720e+05
						24.6	-1094.30	-1216.70	493.96	3643.46	-2.699e+04	8.808e+04
119	33	1.053e+05	-2699.14	0.01	-321.55	0.0	-2409.79	-1130.20	554.94	-1198.39	-1.676e+04	1.053e+05
		7.304e+04	-1.676e+04	-1.75e-03	0.0	12.3	-2416.34	-1291.12	554.94	-1198.39	-9730.66	9.015e+04
						24.6	-2422.87	-1451.74	554.94	-1198.39	-2699.14	7.304e+04
119	36	1.100e+05	-5.186e+04	0.02	-321.55	0.0	415.12	-1118.04	629.18	1354.85	-6.693e+04	1.100e+05
		7.907e+04	-6.693e+04	1.48e-04	0.0	12.3	408.58	-1278.96	629.18	1354.85	-5.940e+04	9.554e+04
						24.6	402.04	-1439.59	629.18	1354.85	-5.186e+04	7.907e+04
119	37	1.051e+05	-2619.39	0.01	-321.55	0.0	-2405.85	-1133.47	556.71	-1274.69	-1.674e+04	1.051e+05
		7.292e+04	-1.674e+04	-1.76e-03	0.0	12.3	-2412.40	-1294.39	556.71	-1274.69	-9679.96	8.998e+04
						24.6	-2418.93	-1455.02	556.71	-1274.69	-2619.39	7.292e+04
119	40	1.102e+05	-5.194e+04	0.02	-321.55	0.0	411.18	-1114.77	627.41	1431.14	-6.695e+04	1.102e+05
		7.920e+04	-6.695e+04	1.63e-04	0.0	12.3	404.63	-1275.69	627.41	1431.14	-5.945e+04	9.570e+04
						24.6	398.10	-1436.32	627.41	1431.14	-5.194e+04	7.920e+04
119	50	9.982e+04	-2.716e+04	0.02	-321.55	0.0	-974.11	-1230.69	637.71	-1551.98	-4.218e+04	9.982e+04
		7.045e+04	-4.218e+04	-1.36e-03	0.0	12.3	-980.66	-1391.61	637.71	-1551.98	-3.467e+04	8.613e+04
						24.6	-987.20	-1552.24	637.71	-1551.98	-2.716e+04	7.045e+04
119	51	1.155e+05	-2.740e+04	0.01	-321.55	0.0	-1020.56	-1017.55	546.40	1708.44	-4.151e+04	1.155e+05
		8.166e+04	-4.151e+04	-2.39e-04	0.0	12.3	-1027.10	-1178.47	546.40	1708.44	-3.445e+04	9.956e+04
						24.6	-1033.64	-1339.10	546.40	1708.44	-2.740e+04	8.166e+04
119	65	1.055e+05	-4764.96	0.01	-321.55	0.0	-2291.04	-1129.68	558.07	-1090.79	-1.887e+04	1.055e+05
		7.330e+04	-1.887e+04	-1.67e-03	0.0	12.3	-2297.59	-1290.60	558.07	-1090.79	-1.182e+04	9.037e+04
						24.6	-2304.12	-1451.23	558.07	-1090.79	-4764.96	7.330e+04
119	68	1.098e+05	-4.980e+04	0.02	-321.55	0.0	296.37	-1118.55	626.04	1247.24	-6.482e+04	1.098e+05
		7.882e+04	-6.482e+04	6.81e-05	0.0	12.3	289.82	-1279.48	626.04	1247.24	-5.731e+04	9.531e+04
						24.6	283.29	-1440.10	626.04	1247.24	-4.980e+04	7.882e+04
119	69	1.053e+05	-4691.64	0.01	-321.55	0.0	-2287.45	-1132.68	559.69	-1160.56	-1.885e+04	1.053e+05
		7.318e+04	-1.885e+04	-1.68e-03	0.0	12.3	-2293.99	-1293.60	559.69	-1160.56	-1.177e+04	9.022e+04
						24.6	-2300.53	-1454.23	559.69	-1160.56	-4691.64	7.318e+04
119	72	1.100e+05	-4.987e+04	0.02	-321.55	0.0	292.78	-1115.56	624.42	1317.02	-6.484e+04	1.100e+05
		7.893e+04	-6.484e+04	8.26e-05	0.0	12.3	286.23	-1276.48	624.42	1317.02	-5.736e+04	9.546e+04
						24.6	279.70	-1437.11	624.42	1317.02	-4.987e+04	7.893e+04
119	82	1.005e+05	-2.717e+04	0.02	-321.55	0.0	-976.45	-1221.68	633.85	-1413.47	-4.215e+04	1.005e+05
		7.093e+04	-4.215e+04	-1.31e-03	0.0	12.3	-983.00	-1382.60	633.85	-1413.47	-3.466e+04	8.669e+04
						24.6	-989.53	-1543.23	633.85	-1413.47	-2.717e+04	7.093e+04
119	83	1.148e+05	-2.739e+04	0.01	-321.55	0.0	-1018.22	-1026.56	550.26	1569.93	-4.154e+04	1.148e+05
		8.119e+04	-4.154e+04	-2.86e-04	0.0	12.3	-1024.77	-1187.48	550.26	1569.93	-3.447e+04	9.899e+04
						24.6	-1031.30	-1348.11	550.26	1569.93	-2.739e+04	8.119e+04
120	1	2.711e+04	3.713e+04	0.02	-319.21	0.0	-3244.11	-2075.28	35.43	1.761e+04	3.586e+04	2.711e+04
		-2.919e+04	3.586e+04	-2.63e-03	0.0	12.3	-3250.61	-2235.03	35.43	1.761e+04	3.650e+04	-60.78
						24.6	-3257.10	-2394.49	35.43	1.761e+04	3.713e+04	-2.919e+04
120	2	2.462e+04	3.095e+04	0.02	-319.21	0.0	-2766.76	-2257.94	126.29	1.466e+04	2.798e+04	2.462e+04
		-3.321e+04	2.798e+04	-2.97e-03	0.0	12.3	-2773.26	-2417.69	126.29	1.466e+04	2.946e+04	-3313.35
						24.6	-2779.75	-2577.15	126.29	1.466e+04	3.095e+04	-3.321e+04
120	3	4.581e+04	-3.503e+04	0.02	-319.21	0.0	1595.18	-1836.20	730.46	2.626e+04	-5.329e+04	4.581e+04
		-7221.51	-5.329e+04	1.25e-03	0.0	12.3	1588.68	-1995.95	730.46	2.626e+04	-4.416e+04	2.027e+04
						24.6	1582.20	-2155.41	730.46	2.626e+04	-3.503e+04	-7221.51
120	4	4.332e+04	-4.121e+04	0.02	-319.21	0.0	2072.53	-2018.86	821.32	2.331e+04	-6.117e+04	4.332e+04
		-1.124e+04	-6.117e+04	9.13e-04	0.0	12.3	2066.03	-2178.61	821.32	2.331e+04	-5.119e+04	1.702e+04
						24.6	2059.55	-2338.07	821.32	2.331e+04	-4.121e+04	-1.124e+04
120	5	2.703e+04	3.723e+04	0.02	-319.21	0.0	-3232.38	-2085.52	34.51	1.735e+04	3.603e+04	2.703e+04
		-2.940e+04	3.603e+04	-2.66e-03	0.0	12.3	-3238.87	-2245.27	34.51	1.735e+04	3.663e+04	-202.49
						24.6	-3245.36	-2404.73	34.51	1.735e+04	3.723e+04	-2.940e+04
120	8	4.339e+04	-4.131e+04	0.02	-319.21	0.0	2060.80	-2008.62	822.24	2.357e+04	-6.134e+04	4.339e+04
		-1.103e+04	-6.134e+04	9.52e-04	0.0	12.3	2054.30	-2168.37	822.24	2.357e+04	-5.133e+04	1.716e+04
						24.6	2047.81	-2327.83	822.24	2.357e+04	-4.131e+04	-1.103e+04
120	33	3.132e+04	1.659e+04	0.02	-319.21	0.0	-1848.10	-2060.57	241.59	1.914e+04	1.042e+04	3.132e+04
		-2.452e+04	1.042e+04	-1.70e-03	0.0	12.3	-1854.59	-2220.32	241.59	1.914e+04	1.351e+04	4381.53
						24.6	-1861.08	-2379.78	241.59	1.914e+04	1.659e+04	-2.452e+04
120	34	3.018e+04	1.376e+04	0.02	-319.21	0.0	-1629.54	-2145.53	283.59	1.779e+04	6802.31	3.018e+04
		-2.639e+04	6802.31	-1.86e-03	0.0	12.3	-1636.04	-2305.28	283.59	1.779e+04	1.028e+04	2873.05
						24.6	-1642.53	-2464.74	283.59	1.779e+04	1.376e+04	-2.639e+04

120	35	4.025e+04 -1.784e+04	0.02	-319.21	0.0	457.96	-1948.61	573.16	2.313e+04 -3.212e+04	4.025e+04
		-1.403e+04 -3.212e+04	1.49e-04	0.0	12.3	451.46	-2108.36	573.16	2.313e+04 -2.498e+04	1.409e+04
					24.6	444.98	-2267.82	573.16	2.313e+04 -1.784e+04	-1.403e+04
120	36	3.910e+04 -2.067e+04	0.02	-319.21	0.0	676.52	-2033.57	615.15	2.177e+04 -3.573e+04	3.910e+04
		-1.591e+04 -3.573e+04	-8.78e-06	0.0	12.3	670.02	-2193.32	615.15	2.177e+04 -2.820e+04	1.258e+04
					24.6	663.53	-2352.78	615.15	2.177e+04 -2.067e+04	-1.591e+04
120	37	3.129e+04 1.665e+04	0.02	-319.21	0.0	-1843.24	-2065.34	241.09	1.903e+04 1.051e+04	3.129e+04
		-2.462e+04 1.051e+04	-1.72e-03	0.0	12.3	-1849.74	-2225.09	241.09	1.903e+04 1.358e+04	4316.60
					24.6	-1856.23	-2384.55	241.09	1.903e+04 1.665e+04	-2.462e+04
120	40	3.913e+04 -2.073e+04	0.02	-319.21	0.0	671.66	-2028.80	615.65	2.189e+04 -3.583e+04	3.913e+04
		-1.581e+04 -3.583e+04	1.17e-05	0.0	12.3	665.16	-2188.55	615.65	2.189e+04 -2.828e+04	1.264e+04
					24.6	658.68	-2348.01	615.65	2.189e+04 -2.073e+04	-1.581e+04
120	65	3.165e+04 1.503e+04	0.02	-319.21	0.0	-1741.96	-2059.44	257.29	1.926e+04 8481.63	3.165e+04
		-2.416e+04 8481.63	-1.63e-03	0.0	12.3	-1748.46	-2219.19	257.29	1.926e+04 1.175e+04	4725.18
					24.6	-1754.95	-2378.65	257.29	1.926e+04 1.503e+04	-2.416e+04
120	66	3.060e+04 1.243e+04	0.02	-319.21	0.0	-1541.97	-2137.22	295.73	1.802e+04 5170.02	3.060e+04
		-2.587e+04 5170.02	-1.78e-03	0.0	12.3	-1548.47	-2296.97	295.73	1.802e+04 8800.32	3344.35
					24.6	-1554.96	-2456.42	295.73	1.802e+04 1.243e+04	-2.587e+04
120	67	3.982e+04 -1.651e+04	0.02	-319.21	0.0	370.39	-1956.93	561.02	2.290e+04 -3.048e+04	3.982e+04
		-1.455e+04 -3.048e+04	6.46e-05	0.0	12.3	363.89	-2116.68	561.02	2.290e+04 -2.350e+04	1.362e+04
					24.6	357.41	-2276.13	561.02	2.290e+04 -1.651e+04	-1.455e+04
120	68	3.878e+04 -1.911e+04	0.02	-319.21	0.0	570.38	-2034.70	599.46	2.166e+04 -3.379e+04	3.878e+04
		-1.627e+04 -3.379e+04	-7.99e-05	0.0	12.3	563.89	-2194.45	599.46	2.166e+04 -2.645e+04	1.224e+04
					24.6	557.40	-2353.91	599.46	2.166e+04 -1.911e+04	-1.627e+04
120	69	3.162e+04 1.508e+04	0.02	-319.21	0.0	-1737.53	-2063.81	256.84	1.915e+04 8566.27	3.162e+04
		-2.425e+04 8566.27	-1.65e-03	0.0	12.3	-1744.03	-2223.56	256.84	1.915e+04 1.182e+04	4665.76
					24.6	-1750.52	-2383.01	256.84	1.915e+04 1.508e+04	-2.425e+04
120	72	3.881e+04 -1.916e+04	0.02	-319.21	0.0	565.95	-2030.34	599.91	2.177e+04 -3.388e+04	3.881e+04
		-1.618e+04 -3.388e+04	-6.36e-05	0.0	12.3	559.45	-2190.09	599.91	2.177e+04 -2.652e+04	1.230e+04
					24.6	552.97	-2349.54	599.91	2.177e+04 -1.916e+04	-1.618e+04
121	1	1.367e+04 -3.655e+04	-0.03	-271.31	0.0	1385.88	2343.98	624.95	-1.098e+04 -5.732e+04	-4.489e+04
		-4.489e+04 -5.732e+04	-3.59e-04	0.0	12.0	1385.88	2208.33	624.95	-1.098e+04 -4.693e+04	-1.479e+04
					24.0	1385.88	2072.67	624.95	-1.098e+04 -3.655e+04	-1.367e+04
121	4	3085.60 -2.989e+04	-0.03	-271.31	0.0	772.21	2667.86	716.09	-1.817e+04 -4.127e+04	-5.470e+04
		-5.470e+04 -4.127e+04	1.44e-03	0.0	12.0	772.21	2532.21	716.09	-1.817e+04 -3.558e+04	-2.499e+04
					24.0	772.21	2396.55	716.09	-1.817e+04 -2.989e+04	3085.60
121	7	5302.60 -2.763e+04	-0.03	-271.31	0.0	521.98	2622.91	833.47	-1.647e+04 -4.419e+04	-5.260e+04
		-5.260e+04 -4.419e+04	1.75e-03	0.0	12.0	521.98	2487.27	833.47	-1.647e+04 -3.591e+04	-2.284e+04
					24.0	521.98	2351.61	833.47	-1.647e+04 -2.763e+04	5302.60
121	9	1.399e+04 -3.654e+04	-0.03	-271.31	0.0	1431.28	2361.76	820.66	-1.127e+04 -5.707e+04	-4.499e+04
		-4.499e+04 -5.707e+04	-6.41e-05	0.0	12.0	1431.28	2226.11	820.66	-1.127e+04 -4.680e+04	-1.469e+04
					24.0	1431.28	2090.45	820.66	-1.127e+04 -3.654e+04	1.399e+04
121	10	1.174e+04 -3.874e+04	-0.03	-271.31	0.0	1701.35	2408.16	703.03	-1.297e+04 -5.382e+04	-4.710e+04
		-4.710e+04 -5.382e+04	-3.64e-04	0.0	12.0	1701.35	2272.51	703.03	-1.297e+04 -4.628e+04	-1.686e+04
					24.0	1701.35	2136.85	703.03	-1.297e+04 -3.874e+04	1.174e+04
121	11	5016.89 -2.771e+04	-0.03	-271.31	0.0	456.75	2603.68	638.01	-1.618e+04 -4.476e+04	-5.248e+04
		-5.248e+04 -4.476e+04	1.44e-03	0.0	12.0	456.75	2468.03	638.01	-1.618e+04 -3.624e+04	-2.292e+04
					24.0	456.75	2332.37	638.01	-1.618e+04 -2.771e+04	5016.89
121	33	1.083e+04 -3.479e+04	-0.03	-271.31	0.0	1218.95	2429.99	648.53	-1.295e+04 -5.304e+04	-4.750e+04
		-4.750e+04 -5.304e+04	1.08e-04	0.0	12.0	1218.95	2294.34	648.53	-1.295e+04 -4.391e+04	-1.752e+04
					24.0	1218.95	2158.68	648.53	-1.295e+04 -3.479e+04	1.083e+04
121	36	5932.08 -3.166e+04	-0.03	-271.31	0.0	939.15	2581.85	692.51	-1.620e+04 -4.555e+04	-5.208e+04
		-5.208e+04 -4.555e+04	9.72e-04	0.0	12.0	939.15	2446.20	692.51	-1.620e+04 -3.860e+04	-2.226e+04
					24.0	939.15	2310.54	692.51	-1.620e+04 -3.166e+04	5932.08
121	39	6946.23 -3.063e+04	-0.03	-271.31	0.0	825.87	2561.30	746.99	-1.544e+04 -4.689e+04	-5.111e+04
		-5.111e+04 -4.689e+04	1.12e-03	0.0	12.0	825.87	2425.65	746.99	-1.544e+04 -3.876e+04	-2.127e+04
					24.0	825.87	2290.00	746.99	-1.544e+04 -3.063e+04	6946.23
121	41	1.099e+04 -3.477e+04	-0.03	-271.31	0.0	1239.84	2438.46	740.68	-1.308e+04 -5.291e+04	-4.754e+04
		-4.754e+04 -5.291e+04	2.50e-04	0.0	12.0	1239.84	2302.81	740.68	-1.308e+04 -4.384e+04	-1.747e+04
					24.0	1239.84	2167.15	740.68	-1.308e+04 -3.477e+04	1.099e+04
121	42	9962.41 -3.577e+04	-0.03	-271.31	0.0	1362.19	2459.69	686.06	-1.385e+04 -5.142e+04	-4.852e+04
		-4.852e+04 -5.142e+04	1.10e-04	0.0	12.0	1362.19	2324.04	686.06	-1.385e+04 -4.359e+04	-1.847e+04
					24.0	1362.19	2188.38	686.06	-1.385e+04 -3.577e+04	9962.41
121	43	6797.44 -3.068e+04	-0.03	-271.31	0.0	795.91	2552.15	654.98	-1.530e+04 -4.717e+04	-5.106e+04
		-5.106e+04 -4.717e+04	9.70e-04	0.0	12.0	795.91	2416.50	654.98	-1.530e+04 -3.892e+04	-2.132e+04
					24.0	795.91	2280.84	654.98	-1.530e+04 -3.068e+04	6797.44
121	65	1.062e+04 -3.465e+04	-0.03	-271.31	0.0	1207.05	2436.39	650.37	-1.309e+04 -5.273e+04	-4.769e+04
		-4.769e+04 -5.273e+04	1.44e-04	0.0	12.0	1207.05	2300.74	650.37	-1.309e+04 -4.369e+04	-1.772e+04
					24.0	1207.05	2165.09	650.37	-1.309e+04 -3.465e+04	1.062e+04
121	68	6139.40 -3.179e+04	-0.03	-271.31	0.0	951.04	2575.44	690.67	-1.606e+04 -4.586e+04	-5.189e+04
		-5.189e+04 -4.586e+04	9.36e-04	0.0	12.0	951.04	2439.79	690.67	-1.606e+04 -3.883e+04	-2.206e+04
					24.0	951.04	2304.14	690.67	-1.606e+04 -3.179e+04	6139.40
121	71	7067.40 -3.085e+04	-0.03	-271.31	0.0	847.41	2556.64	740.54	-1.536e+04 -4.709e+04	-5.100e+04
		-5.100e+04 -4.709e+04	1.07e-03	0.0	12.0	847.41	2420.99	740.54	-1.536e+04 -3.897e+04	-2.116e+04
					24.0	847.41	2285.34	740.54	-1.536e+04 -3.085e+04	7067.40
121	73	1.077e+04 -3.464e+04	-0.03	-271.31	0.0	1226.18	2444.15	734.76	-1.321e+04 -5.260e+04	-4.773e+04
		-4.773e+04 -5.260e+04	2.74e-04	0.0	12.0	1226.18	2308.50	734.76	-1.321e+04 -4.362e+04	-1.767e+04

121	74	9829.04 -3.555e+04	-0.03	-271.31	24.0	1226.18	2172.84	734.76 -1.321e+04 -3.464e+04	1.077e+04
		-4.863e+04 -5.124e+04	1.46e-04	0.0	0.0	1338.10	2463.58	684.76 -1.391e+04 -5.124e+04 -4.863e+04	
121	75	6930.81 -3.089e+04	-0.03	-271.31	12.0	1338.10	2327.93	684.76 -1.391e+04 -4.339e+04 -1.859e+04	
		-5.095e+04 -4.735e+04	9.34e-04	0.0	24.0	1338.10	2192.27	684.76 -1.391e+04 -3.555e+04	9829.04
122	1	1.030e+05 -1.810e+04	-0.03	-271.39	0.0	820.00	2548.26	656.28 -1.524e+04 -4.735e+04 -5.095e+04	
		6.235e+04 -2.472e+04	-5.05e-04	0.0	12.0	820.00	2412.61	656.28 -1.524e+04 -3.912e+04 -2.120e+04	
122	12	8.353e+04 -1.536e+04	-0.03	-271.39	24.0	820.00	2276.95	656.28 -1.524e+04 -3.089e+04	6930.81
		4.731e+04 -2.060e+04	9.33e-04	0.0	0.0	1009.79	1611.87	309.16	2451.45 -2.472e+04 6.235e+04
122	22	9.059e+04 -2.455e+04	-0.03	-271.39	12.0	1009.79	1476.18	309.16	2451.45 -2.141e+04 8.347e+04
		5.254e+04 -2.890e+04	-3.81e-04	0.0	24.0	1009.79	1340.48	309.16	2451.45 -1.810e+04 1.030e+05
122	23	9.571e+04 -8901.06	-0.03	-271.39	0.0	506.60	1836.95	191.19	1158.07 -2.060e+04 4.731e+04
		5.718e+04 -1.645e+04	1.11e-03	0.0	12.0	506.60	1701.25	191.19	1158.07 -1.798e+04 5.254e+04
122	30	9.082e+04 -2.517e+04	-0.03	-271.39	24.0	506.60	1565.55	191.19	1158.07 -1.536e+04 8.353e+04
		5.269e+04 -2.958e+04	-4.33e-04	0.0	0.0	1417.70	1755.51	172.37	2239.04 -2.890e+04 5.254e+04
122	31	9.549e+04 -8281.63	-0.03	-271.39	12.0	1417.70	1619.82	172.37	2239.04 -2.673e+04 7.238e+04
		5.703e+04 -1.577e+04	1.16e-03	0.0	24.0	1417.70	1484.12	172.37	2239.04 -2.455e+04 9.059e+04
122	33	9.774e+04 -1.736e+04	-0.03	-271.39	0.0	132.52	1705.95	323.94	5635.14 -1.645e+04 5.718e+04
		5.834e+04 -2.362e+04	-5.35e-05	0.0	12.0	132.52	1570.26	323.94	5635.14 -1.268e+04 7.726e+04
122	44	8.866e+04 -1.610e+04	-0.03	-271.39	24.0	132.52	1434.56	323.94	5635.14 -8901.06 9.571e+04
		5.133e+04 -2.172e+04	6.38e-04	0.0	0.0	1400.90	1751.98	181.24	2289.60 -2.958e+04 5.269e+04
122	54	9.203e+04 -2.033e+04	-0.03	-271.39	12.0	1400.90	1616.29	181.24	2289.60 -2.738e+04 7.257e+04
		5.383e+04 -2.553e+04	1.97e-05	0.0	24.0	1400.90	1480.59	181.24	2289.60 -2.517e+04 9.082e+04
122	55	9.427e+04 -1.312e+04	-0.03	-271.39	0.0	149.32	1709.48	315.07	5584.58 -1.577e+04 5.703e+04
		5.589e+04 -1.982e+04	7.15e-04	0.0	12.0	149.32	1573.79	315.07	5584.58 -1.202e+04 7.707e+04
122	59	9.415e+04 -1.284e+04	-0.03	-271.39	24.0	149.32	1438.09	315.07	5584.58 -8281.63 9.549e+04
		5.583e+04 -1.951e+04	7.83e-04	0.0	0.0	881.75	1674.76	276.68	3263.06 -2.362e+04 5.834e+04
122	62	9.213e+04 -2.062e+04	-0.03	-271.39	12.0	881.75	1539.07	276.68	3263.06 -2.049e+04 7.885e+04
		5.390e+04 -2.585e+04	-1.10e-05	0.0	24.0	881.75	1403.37	276.68	3263.06 -1.736e+04 9.774e+04
122	65	9.735e+04 -1.730e+04	-0.03	-271.39	0.0	652.95	1780.66	221.65	2677.23 -2.172e+04 5.133e+04
		5.805e+04 -2.354e+04	-1.85e-05	0.0	12.0	652.95	1644.97	221.65	2677.23 -1.891e+04 7.081e+04
122	76	8.903e+04 -1.616e+04	-0.03	-271.39	24.0	652.95	1509.27	221.65	2677.23 -1.610e+04 8.866e+04
		5.163e+04 -2.180e+04	6.15e-04	0.0	0.0	1067.97	1741.77	213.03	3173.93 -2.553e+04 5.383e+04
122	86	9.213e+04 -2.003e+04	-0.03	-271.39	12.0	1067.97	1606.08	213.03	3173.93 -2.293e+04 7.374e+04
		5.392e+04 -2.529e+04	4.32e-05	0.0	24.0	1067.97	1470.38	213.03	3173.93 -2.033e+04 9.203e+04
122	87	9.418e+04 -1.343e+04	-0.03	-271.39	0.0	482.25	1719.69	283.28	4700.25 -1.982e+04 5.589e+04
		5.580e+04 -2.006e+04	6.86e-04	0.0	12.0	482.25	1584.00	283.28	4700.25 -1.647e+04 7.589e+04
122	91	9.406e+04 -1.317e+04	-0.03	-271.39	24.0	482.25	1448.30	283.28	4700.25 -1.312e+04 9.427e+04
		5.575e+04 -1.977e+04	7.48e-04	0.0	0.0	494.49	1723.16	278.49	5256.86 -1.951e+04 5.583e+04
122	94	9.222e+04 -2.029e+04	-0.03	-271.39	12.0	494.49	1587.47	278.49	5256.86 -1.617e+04 7.581e+04
		5.398e+04 -2.558e+04	2.45e-05	0.0	24.0	494.49	1451.77	278.49	5256.86 -1.284e+04 9.415e+04
123	1	1.659e+05 -5598.37	-0.03	-271.48	0.0	1060.39	1740.12	217.21	3197.49 -2.585e+04 5.390e+04
		1.372e+05 -1.470e+04	-5.74e-04	0.0	12.0	1060.39	1604.42	217.21	3197.49 -2.323e+04 7.383e+04
123	4	1.387e+05 -1.261e+04	-0.02	-271.48	24.0	1060.39	1468.72	217.21	3197.49 -2.062e+04 9.213e+04
		1.134e+05 -1.862e+04	1.10e-03	0.0	0.0	872.68	1679.48	274.27	3320.46 -2.354e+04 5.805e+04
123	22	1.500e+05 -2.260e+04	-0.03	-271.48	12.0	872.68	1543.79	274.27	3320.46 -2.042e+04 7.851e+04
		1.230e+05 -2.291e+04	-5.29e-04	0.0	24.0	872.68	1408.08	274.27	3320.46 -1.730e+04 9.735e+04
123	23	1.546e+05 -1620.87	-0.02	-271.48	0.0	663.34	1776.45	223.89	2784.53 -2.180e+04 5.163e+04
		1.277e+05 -4397.22	1.05e-03	0.0	12.0	663.34	1640.76	223.89	2784.53 -1.898e+04 7.115e+04
123	25	1.612e+05 -1402.68	-0.03	-271.48	24.0	663.34	1505.06	223.89	2784.53 -1.616e+04 8.903e+04
		1.335e+05 -6057.60	5.96e-04	0.0	0.0	1043.06	1740.83	216.00	3239.09 -2.529e+04 5.392e+04
123	26	1.505e+05 -2.060e+04	-0.03	-271.48	12.0	1043.06	1605.14	216.00	3239.09 -2.266e+04 7.384e+04
					24.0	1043.06	1469.44	216.00	3239.09 -2.003e+04 9.213e+04
					0.0	507.16	1720.63	280.31	4635.09 -2.006e+04 5.580e+04
					12.0	507.16	1584.94	280.31	4635.09 -1.674e+04 7.580e+04
					24.0	507.16	1449.24	280.31	4635.09 -1.343e+04 9.418e+04
					0.0	518.36	1723.82	275.92	5144.28 -1.977e+04 5.575e+04
					12.0	518.36	1588.12	275.92	5144.28 -1.647e+04 7.572e+04
					24.0	518.36	1452.42	275.92	5144.28 -1.317e+04 9.406e+04
					0.0	1036.13	1739.31	219.83	3260.66 -2.558e+04 5.398e+04
					12.0	1036.13	1603.62	219.83	3260.66 -2.293e+04 7.391e+04
					24.0	1036.13	1467.92	219.83	3260.66 -2.029e+04 9.222e+04
					0.0	837.66	1178.51	94.45	6060.95 -1.470e+04 1.372e+05
					12.0	837.66	1042.78	94.45	6060.95 -1.015e+04 1.524e+05
					24.0	837.66	907.04	94.45	6060.95 -5598.37 1.659e+05
					0.0	518.40	1351.49	34.27	8514.20 -1.261e+04 1.134e+05
					12.0	518.40	1215.76	34.27	8514.20 -1.561e+04 1.269e+05
					24.0	518.40	1080.02	34.27	8514.20 -1.862e+04 1.387e+05
					0.0	1513.15	1277.63	16.10	4996.67 -2.291e+04 1.230e+05
					12.0	1513.15	1141.89	16.10	4996.67 -2.275e+04 1.373e+05
					24.0	1513.15	1006.15	16.10	4996.67 -2.260e+04 1.500e+05
					0.0	-157.08	1252.38	112.62	9578.49 -4397.22 1.277e+05
					12.0	-157.08	1116.65	112.62	9578.49 -3009.05 1.420e+05
					24.0	-157.08	980.90	112.62	9578.49 -1620.87 1.546e+05
					0.0	82.62	1212.24	110.37	8480.80 -6057.60 1.335e+05
					12.0	82.62	1076.51	110.37	8480.80 -3730.14 1.481e+05
					24.0	82.62	940.76	110.37	8480.80 -1402.68 1.612e+05
					0.0	1498.45	1271.73	26.96	5038.82 -2.335e+04 1.234e+05

		1.234e+05	-2.335e+04	-6.78e-04	0.0	12.0	1498.45	1136.00	26.96	5038.82	-2.198e+04	1.378e+05
						24.0	1498.45	1000.25	26.96	5038.82	-2.060e+04	1.505e+05
123	33	1.587e+05	-9105.40	-0.03	-271.48	0.0	750.37	1224.05	78.30	6726.01	-1.413e+04	1.309e+05
		1.309e+05	-1.413e+04	-1.40e-04	0.0	12.0	750.37	1088.31	78.30	6726.01	-1.162e+04	1.456e+05
						24.0	750.37	952.57	78.30	6726.01	-9105.40	1.587e+05
123	36	1.459e+05	-1.317e+04	-0.02	-271.48	0.0	605.69	1305.96	50.42	7849.15	-1.317e+04	1.198e+05
		1.198e+05	-1.511e+04	6.65e-04	0.0	12.0	605.69	1170.23	50.42	7849.15	-1.414e+04	1.336e+05
						24.0	605.69	1034.48	50.42	7849.15	-1.511e+04	1.459e+05
123	54	1.513e+05	-1.695e+04	-0.03	-271.48	0.0	1061.86	1270.68	42.00	6250.17	-1.792e+04	1.243e+05
		1.243e+05	-1.792e+04	-1.10e-04	0.0	12.0	1061.86	1134.95	42.00	6250.17	-1.744e+04	1.386e+05
						24.0	1061.86	999.21	42.00	6250.17	-1.695e+04	1.513e+05
123	55	1.533e+05	-7268.18	-0.02	-271.48	0.0	294.21	1259.32	86.72	8324.98	-9383.54	1.264e+05
		1.264e+05	-9383.54	6.35e-04	0.0	12.0	294.21	1123.59	86.72	8324.98	-8325.86	1.406e+05
						24.0	294.21	987.85	86.72	8324.98	-7268.18	1.533e+05
123	57	1.564e+05	-7172.20	-0.03	-271.48	0.0	403.99	1240.26	85.61	7823.24	-1.015e+04	1.291e+05
		1.291e+05	-1.015e+04	4.15e-04	0.0	12.0	403.99	1104.53	85.61	7823.24	-8661.57	1.436e+05
						24.0	403.99	968.79	85.61	7823.24	-7172.20	1.564e+05
123	58	1.515e+05	-1.603e+04	-0.03	-271.48	0.0	1054.94	1267.89	47.10	6270.70	-1.812e+04	1.245e+05
		1.245e+05	-1.812e+04	-1.81e-04	0.0	12.0	1054.94	1132.16	47.10	6270.70	-1.708e+04	1.388e+05
						24.0	1054.94	996.41	47.10	6270.70	-1.603e+04	1.515e+05
123	65	1.581e+05	-9360.03	-0.03	-271.48	0.0	744.21	1227.49	77.12	6773.70	-1.409e+04	1.305e+05
		1.305e+05	-1.409e+04	-1.06e-04	0.0	12.0	744.21	1091.76	77.12	6773.70	-1.173e+04	1.451e+05
						24.0	744.21	956.02	77.12	6773.70	-9360.03	1.581e+05
123	68	1.464e+05	-1.321e+04	-0.02	-271.48	0.0	611.85	1302.51	51.60	7801.45	-1.321e+04	1.202e+05
		1.202e+05	-1.486e+04	6.31e-04	0.0	12.0	611.85	1166.78	51.60	7801.45	-1.404e+04	1.341e+05
						24.0	611.85	1031.04	51.60	7801.45	-1.486e+04	1.464e+05
123	86	1.514e+05	-1.654e+04	-0.03	-271.48	0.0	1029.30	1270.20	43.89	6338.56	-1.756e+04	1.244e+05
		1.244e+05	-1.756e+04	-7.85e-05	0.0	12.0	1029.30	1134.47	43.89	6338.56	-1.705e+04	1.387e+05
						24.0	1029.30	998.72	43.89	6338.56	-1.654e+04	1.514e+05
123	87	1.532e+05	-7678.47	-0.02	-271.48	0.0	326.77	1259.81	84.83	8236.60	-9745.38	1.263e+05
		1.263e+05	-9745.38	6.03e-04	0.0	12.0	326.77	1124.07	84.83	8236.60	-8711.92	1.406e+05
						24.0	326.77	988.33	84.83	8236.60	-7678.47	1.532e+05
123	89	1.561e+05	-7590.73	-0.03	-271.48	0.0	427.23	1242.35	83.81	7777.49	-1.045e+04	1.288e+05
		1.288e+05	-1.045e+04	4.02e-04	0.0	12.0	427.23	1106.62	83.81	7777.49	-9019.25	1.432e+05
						24.0	427.23	970.88	83.81	7777.49	-7590.73	1.561e+05
123	90	1.516e+05	-1.570e+04	-0.03	-271.48	0.0	1022.96	1267.64	48.56	6357.37	-1.775e+04	1.246e+05
		1.246e+05	-1.775e+04	-1.44e-04	0.0	12.0	1022.96	1131.91	48.56	6357.37	-1.672e+04	1.389e+05
						24.0	1022.96	996.16	48.56	6357.37	-1.570e+04	1.516e+05
124	2	2.067e+05	-1.009e+04	-0.02	-271.56	0.0	1254.61	793.65	22.25	3359.34	-1.054e+04	1.889e+05
		1.889e+05	-1.054e+04	-1.02e-03	0.0	12.0	1254.61	657.88	22.25	3359.34	-1.031e+04	1.986e+05
						24.0	1254.61	522.09	22.25	3359.34	-1.009e+04	2.067e+05
124	3	1.751e+05	-1.140e+04	-0.02	-271.56	0.0	-36.97	888.23	22.65	6729.98	-1.203e+04	1.592e+05
		1.592e+05	-1.203e+04	1.36e-03	0.0	12.0	-36.97	752.46	22.65	6729.98	-1.171e+04	1.680e+05
						24.0	-36.97	616.67	22.65	6729.98	-1.140e+04	1.751e+05
124	17	1.898e+05	1671.61	-0.02	-271.56	0.0	-188.21	792.30	60.51	5884.46	283.63	1.725e+05
		1.725e+05	283.63	5.27e-04	0.0	12.0	-188.21	656.52	60.51	5884.46	977.62	1.820e+05
						24.0	-188.21	520.74	60.51	5884.46	1671.61	1.898e+05
124	18	2.005e+05	-2.053e+04	-0.02	-271.56	0.0	1629.70	855.52	-9.43	3415.84	-2.053e+04	1.835e+05
		1.835e+05	-2.075e+04	-7.82e-04	0.0	12.0	1629.70	719.75	-9.43	3415.84	-2.064e+04	1.928e+05
						24.0	1629.70	583.96	-9.43	3415.84	-2.075e+04	2.005e+05
124	19	1.813e+05	-738.78	-0.02	-271.56	0.0	-412.07	826.36	54.33	6673.48	-2036.89	1.646e+05
		1.646e+05	-2036.89	1.12e-03	0.0	12.0	-412.07	690.59	54.33	6673.48	-1387.84	1.738e+05
						24.0	-412.07	554.80	54.33	6673.48	-738.78	1.813e+05
124	20	1.920e+05	-2.285e+04	-0.02	-271.56	0.0	1405.84	889.59	-15.60	4204.86	-2.285e+04	1.755e+05
		1.755e+05	-2.316e+04	-1.88e-04	0.0	12.0	1405.84	753.81	-15.60	4204.86	-2.300e+04	1.846e+05
						24.0	1405.84	618.03	-15.60	4204.86	-2.316e+04	1.920e+05
124	34	1.984e+05	-1.044e+04	-0.02	-271.56	0.0	906.48	818.63	22.37	4274.82	-1.094e+04	1.811e+05
		1.811e+05	-1.094e+04	-3.96e-04	0.0	12.0	906.48	682.86	22.37	4274.82	-1.069e+04	1.905e+05
						24.0	906.48	547.07	22.37	4274.82	-1.044e+04	1.984e+05
124	35	1.834e+05	-1.105e+04	-0.02	-271.56	0.0	311.15	863.25	22.54	5814.49	-1.162e+04	1.670e+05
		1.670e+05	-1.162e+04	7.35e-04	0.0	12.0	311.15	727.48	22.54	5814.49	-1.134e+04	1.760e+05
						24.0	311.15	591.69	22.54	5814.49	-1.105e+04	1.834e+05
124	49	1.904e+05	-5006.00	-0.02	-271.56	0.0	240.38	818.43	40.07	5421.29	-5938.76	1.734e+05
		1.734e+05	-5938.76	3.33e-04	0.0	12.0	240.38	682.65	40.07	5421.29	-5472.38	1.827e+05
						24.0	240.38	546.87	40.07	5421.29	-5006.00	1.904e+05
124	50	1.954e+05	-1.537e+04	-0.02	-271.56	0.0	1080.26	847.46	7.70	4306.46	-1.555e+04	1.784e+05
		1.784e+05	-1.555e+04	-2.78e-04	0.0	12.0	1080.26	711.68	7.70	4306.46	-1.546e+04	1.877e+05
						24.0	1080.26	575.90	7.70	4306.46	-1.537e+04	1.954e+05
124	51	1.864e+05	-6119.81	-0.02	-271.56	0.0	137.37	834.43	37.21	5782.86	-7009.83	1.697e+05
		1.697e+05	-7009.83	6.18e-04	0.0	12.0	137.37	698.65	37.21	5782.86	-6564.82	1.788e+05
						24.0	137.37	562.87	37.21	5782.86	-6119.81	1.864e+05
124	52	1.913e+05	-1.648e+04	-0.02	-271.56	0.0	977.25	863.45	4.84	4668.02	-1.663e+04	1.747e+05
		1.747e+05	-1.663e+04	1.20e-05	0.0	12.0	977.25	727.68	4.84	4668.02	-1.655e+04	1.838e+05
						24.0	977.25	591.89	4.84	4668.02	-1.648e+04	1.913e+05
124	66	1.977e+05	-1.047e+04	-0.02	-271.56	0.0	881.25	820.51	22.37	4340.25	-1.097e+04	1.805e+05
		1.805e+05	-1.097e+04	-3.49e-04	0.0	12.0	881.25	684.74	22.37	4340.25	-1.072e+04	1.899e+05
						24.0	881.25	548.95	22.37	4340.25	-1.047e+04	1.977e+05

124	67	1.841e+05	-1.102e+04	-0.02	-271.56	0.0	336.39	861.37	22.53	5749.07	-1.160e+04	1.676e+05
		1.676e+05	-1.160e+04	6.88e-04	0.0	12.0	336.39	725.60	22.53	5749.07	-1.131e+04	1.766e+05
						24.0	336.39	589.81	22.53	5749.07	-1.102e+04	1.841e+05
124	81	1.905e+05	-5492.07	-0.02	-271.56	0.0	271.59	820.34	38.58	5389.12	-6391.45	1.735e+05
		1.735e+05	-6391.45	3.19e-04	0.0	12.0	271.59	684.56	38.58	5389.12	-5941.76	1.828e+05
						24.0	271.59	548.78	38.58	5389.12	-5492.07	1.905e+05
124	82	1.950e+05	-1.498e+04	-0.02	-271.56	0.0	1040.32	846.90	8.95	4369.34	-1.519e+04	1.781e+05
		1.781e+05	-1.519e+04	-2.41e-04	0.0	12.0	1040.32	711.12	8.95	4369.34	-1.508e+04	1.873e+05
						24.0	1040.32	575.34	8.95	4369.34	-1.498e+04	1.950e+05
124	83	1.868e+05	-6511.52	-0.02	-271.56	0.0	177.32	834.99	35.96	5719.98	-7371.75	1.700e+05
		1.700e+05	-7371.75	5.80e-04	0.0	12.0	177.32	699.21	35.96	5719.98	-6941.64	1.792e+05
						24.0	177.32	563.43	35.96	5719.98	-6511.52	1.868e+05
124	84	1.913e+05	-1.600e+04	-0.02	-271.56	0.0	946.04	861.55	6.33	4700.20	-1.617e+04	1.746e+05
		1.746e+05	-1.617e+04	2.13e-05	0.0	12.0	946.04	725.77	6.33	4700.20	-1.608e+04	1.838e+05
						24.0	946.04	589.99	6.33	4700.20	-1.600e+04	1.913e+05
125	2	2.261e+05	-9352.63	-7.96e-03	-271.64	0.0	473.77	379.98	21.58	-469.71	-9720.45	2.190e+05
		2.190e+05	-9720.45	-1.10e-03	0.0	12.0	473.77	244.16	21.58	-469.71	-9536.54	2.234e+05
						24.0	473.77	108.33	21.58	-469.71	-9352.63	2.261e+05
125	3	1.930e+05	-1.041e+04	-6.83e-03	-271.64	0.0	591.72	452.19	13.68	2023.10	-1.088e+04	1.864e+05
		1.864e+05	-1.088e+04	1.26e-03	0.0	12.0	591.72	316.37	13.68	2023.10	-1.064e+04	1.906e+05
						24.0	591.72	180.54	13.68	2023.10	-1.041e+04	1.930e+05
125	17	2.095e+05	3604.70	-7.58e-03	-271.64	0.0	-625.05	358.25	39.11	1292.88	2756.16	2.023e+05
		2.023e+05	2756.16	5.36e-04	0.0	12.0	-625.05	222.44	39.11	1292.88	3180.43	2.067e+05
						24.0	-625.05	86.61	39.11	1292.88	3604.70	2.095e+05
125	20	2.096e+05	-2.336e+04	-7.21e-03	-271.64	0.0	1690.54	473.91	-3.85	260.51	-2.336e+04	2.032e+05
		2.032e+05	-2.336e+04	-3.74e-04	0.0	12.0	1690.54	338.09	-3.85	260.51	-2.336e+04	2.072e+05
						24.0	1690.54	202.26	-3.85	260.51	-2.336e+04	2.096e+05
125	34	2.174e+05	-9631.87	-7.66e-03	-271.64	0.0	505.38	399.64	19.49	205.45	-1.003e+04	2.105e+05
		2.105e+05	-1.003e+04	-4.81e-04	0.0	12.0	505.38	263.83	19.49	205.45	-9831.69	2.147e+05
						24.0	505.38	128.00	19.49	205.45	-9631.87	2.174e+05
125	35	2.017e+05	-1.013e+04	-7.12e-03	-271.64	0.0	560.11	432.52	15.77	1347.94	-1.057e+04	1.950e+05
		1.950e+05	-1.057e+04	6.44e-04	0.0	12.0	560.11	296.70	15.77	1347.94	-1.035e+04	1.992e+05
						24.0	560.11	160.87	15.77	1347.94	-1.013e+04	2.017e+05
125	49	2.096e+05	-3643.80	-7.49e-03	-271.64	0.0	-3.34	389.86	27.58	1005.71	-4265.16	2.026e+05
		2.026e+05	-4265.16	2.90e-04	0.0	12.0	-3.34	254.04	27.58	1005.71	-3954.48	2.069e+05
						24.0	-3.34	118.21	27.58	1005.71	-3643.80	2.096e+05
125	52	2.095e+05	-1.611e+04	-7.30e-03	-271.64	0.0	1068.83	442.31	7.68	547.68	-1.634e+04	2.029e+05
		2.029e+05	-1.634e+04	-1.28e-04	0.0	12.0	1068.83	306.49	7.68	547.68	-1.623e+04	2.070e+05
						24.0	1068.83	170.66	7.68	547.68	-1.611e+04	2.095e+05
125	66	2.167e+05	-9652.73	-7.64e-03	-271.64	0.0	507.69	401.04	19.33	253.95	-1.005e+04	2.098e+05
		2.098e+05	-1.005e+04	-4.34e-04	0.0	12.0	507.69	265.22	19.33	253.95	-9853.55	2.141e+05
						24.0	507.69	129.40	19.33	253.95	-9652.73	2.167e+05
125	67	2.024e+05	-1.011e+04	-7.15e-03	-271.64	0.0	557.80	431.12	15.93	1299.44	-1.055e+04	1.957e+05
		1.957e+05	-1.055e+04	5.97e-04	0.0	12.0	557.80	295.30	15.93	1299.44	-1.033e+04	1.998e+05
						24.0	557.80	159.48	15.93	1299.44	-1.011e+04	2.024e+05
125	81	2.096e+05	-4171.91	-7.48e-03	-271.64	0.0	42.05	392.09	26.74	986.08	-4776.48	2.026e+05
		2.026e+05	-4776.48	2.73e-04	0.0	12.0	42.05	256.27	26.74	986.08	-4474.20	2.069e+05
						24.0	42.05	120.45	26.74	986.08	-4171.91	2.096e+05
125	84	2.095e+05	-1.559e+04	-7.31e-03	-271.64	0.0	1023.44	440.07	8.52	567.30	-1.583e+04	2.029e+05
		2.029e+05	-1.583e+04	-1.10e-04	0.0	12.0	1023.44	304.26	8.52	567.30	-1.571e+04	2.070e+05
						24.0	1023.44	168.43	8.52	567.30	-1.559e+04	2.095e+05
126	2	2.280e+05	-8534.27	3.02e-03	-271.73	0.0	414.87	-49.89	27.34	-5396.36	-8960.43	2.280e+05
		2.244e+05	-8960.43	-0.02	0.0	12.0	414.87	-185.75	27.34	-5396.36	-8747.35	2.270e+05
						24.0	414.87	-321.62	27.34	-5396.36	-8534.27	2.244e+05
126	3	1.950e+05	-9507.56	2.79e-03	-271.73	0.0	488.33	24.37	8.76	-3029.14	-9946.78	1.950e+05
		1.920e+05	-9946.78	0.02	0.0	12.0	488.33	-111.49	8.76	-3029.14	-9727.17	1.943e+05
						24.0	488.33	-247.36	8.76	-3029.14	-9507.56	1.920e+05
126	17	2.117e+05	4658.63	3.04e-03	-271.73	0.0	-777.24	-77.82	29.29	-3835.13	4237.07	2.117e+05
		2.083e+05	4237.07	-3.85e-03	0.0	12.0	-777.24	-213.68	29.29	-3835.13	4447.85	2.109e+05
						24.0	-777.24	-349.55	29.29	-3835.13	4658.63	2.083e+05
126	20	2.112e+05	-2.270e+04	2.77e-03	-271.73	0.0	1680.45	52.30	6.81	-4590.37	-2.314e+04	2.112e+05
		2.080e+05	-2.314e+04	3.85e-03	0.0	12.0	1680.45	-83.56	6.81	-4590.37	-2.292e+04	2.104e+05
						24.0	1680.45	-219.43	6.81	-4590.37	-2.270e+04	2.080e+05
126	34	2.193e+05	-8785.94	2.96e-03	-271.73	0.0	433.74	-29.56	22.40	-4757.62	-9218.90	2.193e+05
		2.159e+05	-9218.90	-7.49e-03	0.0	12.0	433.74	-165.42	22.40	-4757.62	-9002.42	2.184e+05
						24.0	433.74	-301.29	22.40	-4757.62	-8785.94	2.159e+05
126	35	2.036e+05	-9255.89	2.85e-03	-271.73	0.0	469.47	4.04	13.70	-3667.88	-9688.31	2.036e+05
		2.005e+05	-9688.31	7.49e-03	0.0	12.0	469.47	-131.82	13.70	-3667.88	-9472.10	2.029e+05
						24.0	469.47	-267.69	13.70	-3667.88	-9255.89	2.005e+05
126	49	2.116e+05	-2690.43	2.97e-03	-271.73	0.0	-118.50	-42.16	23.18	-4049.49	-3120.46	2.116e+05
		2.083e+05	-3120.46	-1.82e-03	0.0	12.0	-118.50	-178.02	23.18	-4049.49	-2905.44	2.108e+05
						24.0	-118.50	-313.89	23.18	-4049.49	-2690.43	2.083e+05
126	52	2.113e+05	-1.535e+04	2.84e-03	-271.73	0.0	1021.71	16.64	12.92	-4376.01	-1.579e+04	2.113e+05
		2.081e+05	-1.579e+04	1.82e-03	0.0	12.0	1021.71	-119.22	12.92	-4376.01	-1.557e+04	2.105e+05
						24.0	1021.71	-255.09	12.92	-4376.01	-1.535e+04	2.081e+05
126	66	2.187e+05	-8805.60	2.95e-03	-271.73	0.0	435.23	-28.13	22.03	-4711.42	-9238.62	2.187e+05
		2.152e+05	-9238.62	-6.86e-03	0.0	12.0	435.23	-163.99	22.03	-4711.42	-9022.11	2.178e+05

						24.0	435.23	-299.86	22.03	-4711.42	-8805.60	2.152e+05
126	67	2.043e+05	-9236.23	2.85e-03	-271.73	0.0	467.97	2.60	14.07	-3714.08	-9668.59	2.043e+05
		2.011e+05	-9668.59	6.86e-03	0.0	12.0	467.97	-133.26	14.07	-3714.08	-9452.41	2.035e+05
						24.0	467.97	-269.13	14.07	-3714.08	-9236.23	2.011e+05
126	81	2.116e+05	-3226.48	2.96e-03	-271.73	0.0	-70.26	-39.66	22.75	-4063.58	-3656.80	2.116e+05
		2.083e+05	-3656.80	-1.67e-03	0.0	12.0	-70.26	-175.52	22.75	-4063.58	-3441.64	2.108e+05
						24.0	-70.26	-311.39	22.75	-4063.58	-3226.48	2.083e+05
126	84	2.113e+05	-1.482e+04	2.84e-03	-271.73	0.0	973.47	14.13	13.35	-4361.92	-1.525e+04	2.113e+05
		2.081e+05	-1.525e+04	1.67e-03	0.0	12.0	973.47	-121.73	13.35	-4361.92	-1.503e+04	2.105e+05
						24.0	973.47	-257.60	13.35	-4361.92	-1.482e+04	2.081e+05
127	2	2.159e+05	-7531.99	0.01	-271.81	0.0	331.34	-490.38	40.38	-1.082e+04	-8064.25	2.159e+05
		2.017e+05	-8064.25	4.36e-04	0.0	12.0	331.34	-626.28	40.38	-1.082e+04	-7798.12	2.096e+05
						24.0	331.34	-762.19	40.38	-1.082e+04	-7531.99	2.017e+05
127	3	1.844e+05	-8697.92	0.01	-271.81	0.0	408.32	-395.81	-1.73	-7916.92	-9092.17	1.844e+05
		1.717e+05	-9092.17	-5.86e-04	0.0	12.0	408.32	-531.71	-1.73	-7916.92	-8895.05	1.789e+05
						24.0	408.32	-667.62	-1.73	-7916.92	-8697.92	1.717e+05
127	17	1.999e+05	4907.67	0.01	-271.81	0.0	-865.01	-506.64	4.11	-8941.36	4874.91	1.999e+05
		1.858e+05	4874.91	1.10e-03	0.0	12.0	-865.01	-642.54	4.11	-8941.36	4891.29	1.937e+05
						24.0	-865.01	-778.45	4.11	-8941.36	4907.67	1.858e+05
127	20	2.004e+05	-2.114e+04	0.01	-271.81	0.0	1604.67	-379.54	34.54	-9791.78	-2.203e+04	2.004e+05
		1.876e+05	-2.203e+04	-1.25e-03	0.0	12.0	1604.67	-515.44	34.54	-9791.78	-2.158e+04	1.948e+05
						24.0	1604.67	-651.36	34.54	-9791.78	-2.114e+04	1.876e+05
127	34	2.076e+05	-7827.29	0.01	-271.81	0.0	350.58	-465.20	29.04	-1.004e+04	-8326.78	2.076e+05
		1.938e+05	-8326.78	1.74e-04	0.0	12.0	350.58	-601.10	29.04	-1.004e+04	-8077.04	2.016e+05
						24.0	350.58	-737.01	29.04	-1.004e+04	-7827.29	1.938e+05
127	35	1.927e+05	-8402.62	0.01	-271.81	0.0	389.08	-420.99	9.61	-8695.97	-8829.64	1.927e+05
		1.796e+05	-8829.64	-3.24e-04	0.0	12.0	389.08	-556.89	9.61	-8695.97	-8616.13	1.870e+05
						24.0	389.08	-692.80	9.61	-8695.97	-8402.62	1.796e+05
127	49	2.001e+05	-2081.91	0.01	-271.81	0.0	-204.03	-472.05	12.41	-9183.76	-2349.50	2.001e+05
		1.863e+05	-2349.50	4.75e-04	0.0	12.0	-204.03	-607.95	12.41	-9183.76	-2215.70	1.940e+05
						24.0	-204.03	-743.87	12.41	-9183.76	-2081.91	1.863e+05
127	52	2.003e+05	-1.415e+04	0.01	-271.81	0.0	943.69	-414.13	26.25	-9549.39	-1.481e+04	2.003e+05
		1.871e+05	-1.481e+04	-6.25e-04	0.0	12.0	943.69	-550.03	26.25	-9549.39	-1.448e+04	1.945e+05
						24.0	943.69	-685.94	26.25	-9549.39	-1.415e+04	1.871e+05
127	66	2.070e+05	-7851.22	0.01	-271.81	0.0	352.17	-463.33	28.22	-9980.39	-8347.75	2.070e+05
		1.932e+05	-8347.75	1.53e-04	0.0	12.0	352.17	-599.23	28.22	-9980.39	-8099.49	2.009e+05
						24.0	352.17	-735.14	28.22	-9980.39	-7851.22	1.932e+05
127	67	1.933e+05	-8378.68	0.01	-271.81	0.0	387.48	-422.86	10.43	-8752.76	-8808.68	1.933e+05
		1.802e+05	-8808.68	-3.03e-04	0.0	12.0	387.48	-558.76	10.43	-8752.76	-8593.68	1.876e+05
						24.0	387.48	-694.67	10.43	-8752.76	-8378.68	1.802e+05
127	81	2.001e+05	-2592.63	0.01	-271.81	0.0	-155.49	-469.59	13.00	-9199.57	-2876.86	2.001e+05
		1.864e+05	-2876.86	4.29e-04	0.0	12.0	-155.49	-605.49	13.00	-9199.57	-2734.74	1.940e+05
						24.0	-155.49	-741.40	13.00	-9199.57	-2592.63	1.864e+05
127	84	2.002e+05	-1.364e+04	0.01	-271.81	0.0	895.15	-416.59	25.66	-9533.58	-1.428e+04	2.002e+05
		1.871e+05	-1.428e+04	-5.79e-04	0.0	12.0	895.15	-552.50	25.66	-9533.58	-1.396e+04	1.945e+05
						24.0	895.15	-688.41	25.66	-9533.58	-1.364e+04	1.871e+05
128	1	1.795e+05	183.49	0.02	-271.90	0.0	-421.40	-958.10	35.04	-1.560e+04	-183.28	1.795e+05
		1.325e+05	-183.28	7.29e-04	0.0	12.0	-421.40	-1094.04	35.04	-1.560e+04	0.11	1.568e+05
						24.0	-421.40	-1230.00	35.04	-1.560e+04	183.49	1.325e+05
128	2	1.827e+05	-6078.67	0.02	-271.90	0.0	219.34	-938.31	55.42	-1.620e+04	-6897.54	1.827e+05
		1.360e+05	-6897.54	1.13e-04	0.0	12.0	219.34	-1074.26	55.42	-1.620e+04	-6488.10	1.602e+05
						24.0	219.34	-1210.21	55.42	-1.620e+04	-6078.67	1.360e+05
128	17	1.670e+05	4810.29	0.02	-271.90	0.0	-894.38	-927.80	-1.21	-1.384e+04	4810.29	1.670e+05
		1.362e+05	4694.35	1.05e-03	0.0	12.0	-894.38	-1063.74	-1.21	-1.384e+04	4752.32	1.524e+05
						24.0	-894.38	-1199.70	-1.21	-1.384e+04	4694.35	1.362e+05
128	20	1.705e+05	-1.858e+04	0.02	-271.90	0.0	1476.77	-816.09	56.01	-1.490e+04	-2.000e+04	1.705e+05
		1.542e+05	-2.000e+04	-1.34e-03	0.0	12.0	1476.77	-952.03	56.01	-1.490e+04	-1.929e+04	1.631e+05
						24.0	1476.77	-1087.99	56.01	-1.490e+04	-1.858e+04	1.542e+05
128	21	1.602e+05	4805.50	0.02	-271.90	0.0	-894.69	-926.60	-1.15	-1.376e+04	4805.50	1.602e+05
		1.368e+05	4701.05	9.37e-04	0.0	12.0	-894.69	-1062.54	-1.15	-1.376e+04	4753.28	1.493e+05
						24.0	-894.69	-1198.49	-1.15	-1.376e+04	4701.05	1.368e+05
128	24	1.773e+05	-1.858e+04	0.02	-271.90	0.0	1477.08	-817.29	55.95	-1.498e+04	-2.000e+04	1.773e+05
		1.536e+05	-2.000e+04	-1.22e-03	0.0	12.0	1477.08	-953.23	55.95	-1.498e+04	-1.929e+04	1.662e+05
						24.0	1477.08	-1089.19	55.95	-1.498e+04	-1.858e+04	1.536e+05
128	33	1.739e+05	-3613.14	0.02	-271.90	0.0	-41.57	-912.60	30.95	-1.495e+04	-4141.68	1.739e+05
		1.392e+05	-4141.68	2.70e-04	0.0	12.0	-41.57	-1048.54	30.95	-1.495e+04	-3877.41	1.574e+05
						24.0	-41.57	-1184.50	30.95	-1.495e+04	-3613.14	1.392e+05
128	34	1.754e+05	-6514.67	0.02	-271.90	0.0	256.37	-903.55	40.29	-1.522e+04	-7250.92	1.754e+05
		1.408e+05	-7250.92	-1.69e-05	0.0	12.0	256.37	-1039.50	40.29	-1.522e+04	-6882.80	1.589e+05
						24.0	256.37	-1175.45	40.29	-1.522e+04	-6514.67	1.408e+05
128	52	1.695e+05	-1.234e+04	0.02	-271.90	0.0	842.91	-846.03	40.50	-1.460e+04	-1.335e+04	1.695e+05
		1.494e+05	-1.335e+04	-7.02e-04	0.0	12.0	842.91	-981.97	40.50	-1.460e+04	-1.284e+04	1.602e+05
						24.0	842.91	-1117.93	40.50	-1.460e+04	-1.234e+04	1.494e+05
128	53	1.648e+05	-1538.32	0.02	-271.90	0.0	-260.73	-897.28	14.31	-1.410e+04	-1847.13	1.648e+05
		1.413e+05	-1847.13	3.61e-04	0.0	12.0	-260.73	-1033.22	14.31	-1.410e+04	-1692.73	1.539e+05
						24.0	-260.73	-1169.18	14.31	-1.410e+04	-1538.32	1.413e+05
128	56	1.727e+05	-1.234e+04	0.02	-271.90	0.0	843.12	-846.61	40.49	-1.464e+04	-1.335e+04	1.727e+05

		1.491e+05	-1.335e+04	-6.46e-04	0.0	12.0	843.12	-982.55	40.49	-1.464e+04	-1.284e+04	1.617e+05
						24.0	843.12	-1118.51	40.49	-1.464e+04	-1.234e+04	1.491e+05
128	65	1.734e+05	-3894.17	0.02	-271.90	0.0	-13.47	-909.18	30.65	-1.490e+04	-4433.71	1.734e+05
		1.398e+05	-4433.71	2.35e-04	0.0	12.0	-13.47	-1045.12	30.65	-1.490e+04	-4163.94	1.574e+05
						24.0	-13.47	-1181.07	30.65	-1.490e+04	-3894.17	1.398e+05
128	66	1.748e+05	-6550.09	0.02	-271.90	0.0	259.28	-900.90	39.20	-1.515e+04	-7279.70	1.748e+05
		1.412e+05	-7279.70	-2.74e-05	0.0	12.0	259.28	-1036.84	39.20	-1.515e+04	-6914.90	1.588e+05
						24.0	259.28	-1172.80	39.20	-1.515e+04	-6550.09	1.412e+05
128	84	1.694e+05	-1.188e+04	0.02	-271.90	0.0	796.26	-848.22	39.39	-1.458e+04	-1.286e+04	1.694e+05
		1.490e+05	-1.286e+04	-6.55e-04	0.0	12.0	796.26	-984.17	39.39	-1.458e+04	-1.237e+04	1.600e+05
						24.0	796.26	-1120.12	39.39	-1.458e+04	-1.188e+04	1.490e+05
128	85	1.651e+05	-1995.41	0.02	-271.90	0.0	-214.06	-895.13	15.42	-1.412e+04	-2333.79	1.651e+05
		1.416e+05	-2333.79	3.18e-04	0.0	12.0	-214.06	-1031.08	15.42	-1.412e+04	-2164.60	1.542e+05
						24.0	-214.06	-1167.03	15.42	-1.412e+04	-1995.41	1.416e+05
128	88	1.724e+05	-1.189e+04	0.02	-271.90	0.0	796.45	-848.75	39.38	-1.461e+04	-1.286e+04	1.724e+05
		1.487e+05	-1.286e+04	-6.03e-04	0.0	12.0	796.45	-984.70	39.38	-1.461e+04	-1.237e+04	1.614e+05
						24.0	796.45	-1120.65	39.38	-1.461e+04	-1.189e+04	1.487e+05
129	1	1.064e+05	2089.98	0.03	-271.98	0.0	-504.32	-1403.02	72.84	-2.016e+04	826.15	1.064e+05
		7.484e+04	826.15	2.67e-04	0.0	12.0	-504.32	-1539.01	72.84	-2.016e+04	1458.06	9.144e+04
						24.0	-504.32	-1675.00	72.84	-2.016e+04	2089.98	7.484e+04
129	4	1.282e+05	-1.075e+04	0.03	-271.98	0.0	945.01	-1190.20	63.82	-1.721e+04	-1.276e+04	1.282e+05
		9.264e+04	-1.276e+04	-6.74e-04	0.0	12.0	945.01	-1326.19	63.82	-1.721e+04	-1.175e+04	1.112e+05
						24.0	945.01	-1462.19	63.82	-1.721e+04	-1.075e+04	9.264e+04
129	21	1.093e+05	5531.37	0.03	-271.98	0.0	-887.25	-1351.32	33.37	-1.792e+04	4802.30	1.093e+05
		7.634e+04	4802.30	8.74e-04	0.0	12.0	-887.25	-1487.31	33.37	-1.792e+04	5166.83	9.363e+04
						24.0	-887.25	-1623.31	33.37	-1.792e+04	5531.37	7.634e+04
129	24	1.253e+05	-1.419e+04	0.03	-271.98	0.0	1327.94	-1241.90	103.29	-1.945e+04	-1.673e+04	1.253e+05
		9.114e+04	-1.673e+04	-1.28e-03	0.0	12.0	1327.94	-1377.89	103.29	-1.945e+04	-1.546e+04	1.091e+05
						24.0	1327.94	-1513.88	103.29	-1.945e+04	-1.419e+04	9.114e+04
129	33	1.122e+05	-1318.94	0.03	-271.98	0.0	-117.57	-1347.15	70.38	-1.938e+04	-2786.86	1.122e+05
		7.961e+04	-2786.86	1.27e-05	0.0	12.0	-117.57	-1483.13	70.38	-1.938e+04	-2052.90	9.673e+04
						24.0	-117.57	-1619.13	70.38	-1.938e+04	-1318.94	7.961e+04
129	36	1.224e+05	-7336.36	0.03	-271.98	0.0	558.25	-1246.08	66.28	-1.799e+04	-9144.14	1.224e+05
		8.787e+04	-9144.14	-4.19e-04	0.0	12.0	558.25	-1382.07	66.28	-1.799e+04	-8240.25	1.060e+05
						24.0	558.25	-1518.06	66.28	-1.799e+04	-7336.36	8.787e+04
129	53	1.136e+05	256.46	0.03	-271.98	0.0	-295.32	-1322.39	52.25	-1.835e+04	-963.78	1.136e+05
		8.035e+04	-963.78	2.97e-04	0.0	12.0	-295.32	-1458.37	52.25	-1.835e+04	-353.66	9.780e+04
						24.0	-295.32	-1594.37	52.25	-1.835e+04	256.46	8.035e+04
129	56	1.210e+05	-8911.75	0.03	-271.98	0.0	736.00	-1270.84	84.40	-1.903e+04	-1.097e+04	1.210e+05
		8.713e+04	-1.097e+04	-7.04e-04	0.0	12.0	736.00	-1406.82	84.40	-1.903e+04	-9939.49	1.049e+05
						24.0	736.00	-1542.82	84.40	-1.903e+04	-8911.75	8.713e+04
129	65	1.126e+05	-1572.80	0.03	-271.98	0.0	-89.01	-1342.90	70.20	-1.932e+04	-3055.18	1.126e+05
		7.996e+04	-3055.18	-5.60e-06	0.0	12.0	-89.01	-1478.88	70.20	-1.932e+04	-2313.99	9.712e+04
						24.0	-89.01	-1614.88	70.20	-1.932e+04	-1572.80	7.996e+04
129	68	1.220e+05	-7082.50	0.03	-271.98	0.0	529.70	-1250.33	66.45	-1.805e+04	-8875.82	1.220e+05
		8.752e+04	-8875.82	-4.01e-04	0.0	12.0	529.70	-1386.31	66.45	-1.805e+04	-7979.16	1.056e+05
						24.0	529.70	-1522.31	66.45	-1.805e+04	-7082.50	8.752e+04
129	85	1.139e+05	-131.21	0.03	-271.98	0.0	-251.72	-1320.22	53.62	-1.838e+04	-1386.88	1.139e+05
		8.064e+04	-1386.88	2.55e-04	0.0	12.0	-251.72	-1456.20	53.62	-1.838e+04	-759.04	9.810e+04
						24.0	-251.72	-1592.20	53.62	-1.838e+04	-131.21	8.064e+04
129	88	1.207e+05	-8524.09	0.03	-271.98	0.0	692.41	-1273.01	83.04	-1.900e+04	-1.054e+04	1.207e+05
		8.684e+04	-1.054e+04	-6.61e-04	0.0	12.0	692.41	-1408.99	83.04	-1.900e+04	-9534.10	1.046e+05
						24.0	692.41	-1544.99	83.04	-1.900e+04	-8524.09	8.684e+04
130	20	5.290e+04	-4454.04	0.03	-272.07	0.0	1179.61	-1633.92	248.75	-2.182e+04	-1.034e+04	5.290e+04
		8541.09	-1.034e+04	-1.31e-03	0.0	12.0	1179.61	-1769.94	248.75	-2.182e+04	-7398.87	3.154e+04
						24.0	1179.61	-1905.98	248.75	-2.182e+04	-4454.04	8541.09
130	21	3.941e+04	1.164e+04	0.03	-272.07	0.0	-872.20	-1791.89	169.12	-1.996e+04	7508.61	3.941e+04
		-3517.64	7508.61	8.25e-04	0.0	12.0	-872.20	-1927.92	169.12	-1.996e+04	9573.33	1.876e+04
						24.0	-872.20	-2063.96	169.12	-1.996e+04	1.164e+04	-3517.64
130	24	5.262e+04	-4500.09	0.03	-272.07	0.0	1192.35	-1637.27	248.55	-2.194e+04	-1.038e+04	5.262e+04
		8565.97	-1.038e+04	-1.32e-03	0.0	12.0	1192.35	-1773.30	248.55	-2.194e+04	-7441.29	3.141e+04
						24.0	1192.35	-1909.34	248.55	-2.194e+04	-4500.09	8565.97
130	52	4.917e+04	-165.95	0.03	-272.07	0.0	633.43	-1676.95	227.29	-2.134e+04	-5581.29	4.917e+04
		5281.43	-5581.29	-7.39e-04	0.0	12.0	633.43	-1812.97	227.29	-2.134e+04	-2873.62	2.804e+04
						24.0	633.43	-1949.01	227.29	-2.134e+04	-165.95	5281.43
130	53	4.300e+04	7325.73	0.03	-272.07	0.0	-319.27	-1750.62	190.48	-2.051e+04	2725.77	4.300e+04
		-247.94	2725.77	2.50e-04	0.0	12.0	-319.27	-1886.65	190.48	-2.051e+04	5025.75	2.219e+04
						24.0	-319.27	-2022.69	190.48	-2.051e+04	7325.73	-247.94
130	56	4.904e+04	-187.78	0.03	-272.07	0.0	639.42	-1678.54	227.19	-2.139e+04	-5599.65	4.904e+04
		5296.27	-5599.65	-7.45e-04	0.0	12.0	639.42	-1814.57	227.19	-2.139e+04	-2893.71	2.798e+04
						24.0	639.42	-1950.61	227.19	-2.139e+04	-187.78	5296.27
130	84	4.890e+04	149.80	0.03	-272.07	0.0	593.39	-1680.13	225.73	-2.130e+04	-5230.88	4.890e+04
		5047.31	-5230.88	-6.97e-04	0.0	12.0	593.39	-1816.15	225.73	-2.130e+04	-2540.54	2.779e+04
						24.0	593.39	-1952.19	225.73	-2.130e+04	149.80	5047.31
130	85	4.326e+04	7008.15	0.03	-272.07	0.0	-278.72	-1747.58	192.04	-2.055e+04	2373.82	4.326e+04
		-12.64	2373.82	2.08e-04	0.0	12.0	-278.72	-1883.60	192.04	-2.055e+04	4690.98	2.244e+04
						24.0	-278.72	-2019.64	192.04	-2.055e+04	7008.15	-12.64

130	88	4.878e+04	129.80	0.03	-272.07	0.0	598.87	-1681.59	225.64	-2.135e+04	-5247.69	4.878e+04
		5060.98	-5247.69	-7.03e-04	0.0	12.0	598.87	-1817.62	225.64	-2.135e+04	-2558.94	2.774e+04
						24.0	598.87	-1953.66	225.64	-2.135e+04	129.80	5060.98
131	13	-5.139e+04	2.711e+04	0.03	-272.15	0.0	-774.41	-2264.92	416.37	-1.764e+04	1.617e+04	-5.139e+04
		-1.063e+05	1.617e+04	-3.16e-04	0.0	12.0	-774.41	-2400.99	416.37	-1.764e+04	2.164e+04	-7.802e+04
						24.0	-774.41	-2537.07	416.37	-1.764e+04	2.711e+04	-1.063e+05
131	16	-3.803e+04	1.815e+04	0.03	-272.15	0.0	1009.52	-1947.01	502.69	-1.535e+04	7059.69	-3.803e+04
		-8.731e+04	7059.69	-1.23e-04	0.0	12.0	1009.52	-2083.08	502.69	-1.535e+04	1.260e+04	-6.185e+04
						24.0	1009.52	-2219.16	502.69	-1.535e+04	1.815e+04	-8.731e+04
131	21	-5.103e+04	2.834e+04	0.03	-272.15	0.0	-908.08	-2215.44	385.89	-1.509e+04	1.875e+04	-5.103e+04
		-1.041e+05	1.875e+04	8.58e-04	0.0	12.0	-908.08	-2351.51	385.89	-1.509e+04	2.355e+04	-7.676e+04
						24.0	-908.08	-2487.59	385.89	-1.509e+04	2.834e+04	-1.041e+05
131	24	-3.839e+04	1.691e+04	0.03	-272.15	0.0	1143.19	-1996.50	533.17	-1.790e+04	4480.23	-3.839e+04
		-8.947e+04	4480.23	-1.30e-03	0.0	12.0	1143.19	-2132.57	533.17	-1.790e+04	1.070e+04	-6.311e+04
						24.0	1143.19	-2268.65	533.17	-1.790e+04	1.691e+04	-8.947e+04
131	45	-4.785e+04	2.474e+04	0.03	-272.15	0.0	-292.93	-2180.74	439.36	-1.701e+04	1.375e+04	-4.785e+04
		-1.013e+05	1.375e+04	-2.73e-04	0.0	12.0	-292.93	-2316.81	439.36	-1.701e+04	1.925e+04	-7.375e+04
						24.0	-292.93	-2452.89	439.36	-1.701e+04	2.474e+04	-1.013e+05
131	48	-4.158e+04	2.051e+04	0.03	-272.15	0.0	528.04	-2031.20	479.70	-1.598e+04	9471.77	-4.158e+04
		-9.230e+04	9471.77	-1.66e-04	0.0	12.0	528.04	-2167.27	479.70	-1.598e+04	1.499e+04	-6.612e+04
						24.0	528.04	-2303.35	479.70	-1.598e+04	2.051e+04	-9.230e+04
131	53	-4.765e+04	2.530e+04	0.03	-272.15	0.0	-354.69	-2156.63	425.42	-1.586e+04	1.494e+04	-4.765e+04
		-1.002e+05	1.494e+04	2.80e-04	0.0	12.0	-354.69	-2292.70	425.42	-1.586e+04	2.012e+04	-7.312e+04
						24.0	-354.69	-2428.78	425.42	-1.586e+04	2.530e+04	-1.002e+05
131	56	-4.177e+04	1.996e+04	0.03	-272.15	0.0	589.80	-2055.31	493.64	-1.713e+04	8290.47	-4.177e+04
		-9.335e+04	8290.47	-7.20e-04	0.0	12.0	589.80	-2191.38	493.64	-1.713e+04	1.412e+04	-6.675e+04
						24.0	589.80	-2327.46	493.64	-1.713e+04	1.996e+04	-9.335e+04
131	77	-4.758e+04	2.457e+04	0.03	-272.15	0.0	-258.12	-2174.44	441.07	-1.697e+04	1.357e+04	-4.758e+04
		-1.009e+05	1.357e+04	-2.68e-04	0.0	12.0	-258.12	-2310.51	441.07	-1.697e+04	1.907e+04	-7.343e+04
						24.0	-258.12	-2446.59	441.07	-1.697e+04	2.457e+04	-1.009e+05
131	80	-4.184e+04	2.069e+04	0.03	-272.15	0.0	493.23	-2037.50	478.00	-1.602e+04	9652.29	-4.184e+04
		-9.268e+04	9652.29	-1.71e-04	0.0	12.0	493.23	-2173.57	478.00	-1.602e+04	1.517e+04	-6.644e+04
						24.0	493.23	-2309.65	478.00	-1.602e+04	2.069e+04	-9.268e+04
131	85	-4.740e+04	2.507e+04	0.03	-272.15	0.0	-314.64	-2152.34	428.31	-1.592e+04	1.465e+04	-4.740e+04
		-9.993e+04	1.465e+04	2.38e-04	0.0	12.0	-314.64	-2288.41	428.31	-1.592e+04	1.986e+04	-7.285e+04
						24.0	-314.64	-2424.49	428.31	-1.592e+04	2.507e+04	-9.993e+04
131	88	-4.202e+04	2.018e+04	0.03	-272.15	0.0	549.75	-2059.60	490.76	-1.707e+04	8571.31	-4.202e+04
		-9.364e+04	8571.31	-6.77e-04	0.0	12.0	549.75	-2195.67	490.76	-1.707e+04	1.438e+04	-6.702e+04
						24.0	549.75	-2331.75	490.76	-1.707e+04	2.018e+04	-9.364e+04
132	6	-2.581e+04	4.042e+05	-8.53e-03	-140.59	0.0	-9296.71	1137.58	-3192.91	-5.981e+04	4.042e+05	-5.585e+04
		-5.585e+04	3.175e+05	-3.37e-03	0.0	13.8	-9307.70	1067.52	-3192.91	-5.981e+04	3.609e+05	-4.034e+04
						27.5	-9318.77	996.99	-3192.91	-5.981e+04	3.175e+05	-2.581e+04
132	7	-1912.58	4.194e+05	-8.92e-03	-140.59	0.0	-1.132e+04	902.29	-3127.70	-6.190e+04	4.194e+05	-2.704e+04
		-2.704e+04	3.321e+05	-2.34e-03	0.0	13.8	-1.133e+04	832.23	-3127.70	-6.190e+04	3.757e+05	-1.400e+04
						27.5	-1.134e+04	761.70	-3127.70	-6.190e+04	3.321e+05	-1912.58
132	29	-8010.52	4.213e+05	-9.02e-03	-140.59	0.0	-1.061e+04	930.41	-3242.78	-5.833e+04	4.213e+05	-3.474e+04
		-3.474e+04	3.294e+05	-2.62e-03	0.0	13.8	-1.062e+04	860.35	-3242.78	-5.833e+04	3.753e+05	-2.089e+04
						27.5	-1.063e+04	789.83	-3242.78	-5.833e+04	3.294e+05	-8010.52
132	30	-2.380e+04	4.066e+05	-8.39e-03	-140.59	0.0	-9668.45	1152.08	-3128.66	-6.237e+04	4.066e+05	-5.311e+04
		-5.311e+04	3.168e+05	-3.24e-03	0.0	13.8	-9679.44	1082.02	-3128.66	-6.237e+04	3.617e+05	-3.797e+04
						27.5	-9690.51	1011.49	-3128.66	-6.237e+04	3.168e+05	-2.380e+04
132	38	-1.952e+04	4.082e+05	-8.64e-03	-140.59	0.0	-9827.29	1075.02	-3175.11	-6.039e+04	4.082e+05	-4.828e+04
		-4.828e+04	3.214e+05	-3.10e-03	0.0	13.8	-9838.29	1004.96	-3175.11	-6.039e+04	3.648e+05	-3.342e+04
						27.5	-9849.36	934.43	-3175.11	-6.039e+04	3.214e+05	-1.952e+04
132	39	-8199.78	4.153e+05	-8.82e-03	-140.59	0.0	-1.079e+04	964.85	-3145.49	-6.133e+04	4.153e+05	-3.461e+04
		-3.461e+04	3.283e+05	-2.61e-03	0.0	13.8	-1.080e+04	894.79	-3145.49	-6.133e+04	3.718e+05	-2.092e+04
						27.5	-1.081e+04	824.26	-3145.49	-6.133e+04	3.283e+05	-8199.78
132	61	-1.118e+04	4.162e+05	-8.86e-03	-140.59	0.0	-1.045e+04	979.67	-3198.52	-5.971e+04	4.162e+05	-3.838e+04
		-3.838e+04	3.269e+05	-2.75e-03	0.0	13.8	-1.046e+04	909.61	-3198.52	-5.971e+04	3.716e+05	-2.430e+04
						27.5	-1.047e+04	839.08	-3198.52	-5.971e+04	3.269e+05	-1.118e+04
132	62	-1.847e+04	4.094e+05	-8.57e-03	-140.59	0.0	-1.001e+04	1080.26	-3145.93	-6.154e+04	4.094e+05	-4.686e+04
		-4.686e+04	3.211e+05	-3.03e-03	0.0	13.8	-1.002e+04	1010.20	-3145.93	-6.154e+04	3.652e+05	-3.218e+04
						27.5	-1.003e+04	939.68	-3145.93	-6.154e+04	3.211e+05	-1.847e+04
132	70	-1.904e+04	4.085e+05	-8.65e-03	-140.59	0.0	-9867.75	1070.37	-3173.85	-6.043e+04	4.085e+05	-4.770e+04
		-4.770e+04	3.217e+05	-3.08e-03	0.0	13.8	-9878.75	1000.31	-3173.85	-6.043e+04	3.651e+05	-3.289e+04
						27.5	-9889.82	929.78	-3173.85	-6.043e+04	3.217e+05	-1.904e+04
132	71	-8675.98	4.150e+05	-8.81e-03	-140.59	0.0	-1.075e+04	969.50	-3146.75	-6.129e+04	4.150e+05	-3.459e+04
		-3.519e+04	3.280e+05	-2.63e-03	0.0	13.8	-1.076e+04	899.44	-3146.75	-6.129e+04	3.715e+05	-2.145e+04
						27.5	-1.077e+04	828.91	-3146.75	-6.129e+04	3.280e+05	-8675.98
132	93	-1.141e+04	4.158e+05	-8.85e-03	-140.59	0.0	-1.044e+04	983.11	-3195.29	-5.981e+04	4.158e+05	-3.864e+04
		-3.864e+04	3.268e+05	-2.76e-03	0.0	13.8	-1.045e+04	913.05	-3195.29	-5.981e+04	3.713e+05	-2.519e+04
						27.5	-1.046e+04	842.52	-3195.29	-5.981e+04	3.268e+05	-1.141e+04
132	94	-1.808e+04	4.096e+05	-8.59e-03	-140.59	0.0	-1.003e+04	1075.13	-3147.16	-6.148e+04	4.096e+05	-4.641e+04
		-4.641e+04	3.214e+05	-3.02e-03	0.0	13.8	-1.005e+04	1005.08	-3147.16	-6.148e+04	3.655e+05	-3.176e+04
						27.5	-1.006e+04	934.55	-3147.16	-6.148e+04	3.214e+05	-1.808e+04
133	6	2.452e+04	2.547e+05	-8.99e-03	-144.35	0.0	-7968.05	904.20	-1636.31	-2.125e+04	2.547e+05	1552.95
		1552.95	2.097e+05	-2.19e-03	0.0	13.8	-7979.34	832.27	-1636.31	-2.125e+04	2.322e+05	1.353e+04

133	7	4.306e+04	2.705e+05	-8.53e-03	-144.35	27.5	-7990.70	759.86	-1636.31	-2.125e+04	2.097e+05	2.452e+04
		2.209e+04	2.281e+05	-1.15e-03	0.0	0.0	-1.049e+04	760.04	-1538.58	-2.362e+04	2.705e+05	2.209e+04
133	27	4.322e+04	2.702e+05	-8.93e-03	-144.35	13.8	-1.050e+04	688.11	-1538.58	-2.362e+04	2.493e+05	3.307e+04
		2.143e+04	2.268e+05	-1.27e-03	0.0	27.5	-1.051e+04	615.70	-1538.58	-2.362e+04	2.281e+05	4.306e+04
133	38	2.944e+04	2.589e+05	-8.88e-03	-144.35	0.0	-1.002e+04	736.11	-1599.05	-2.111e+04	2.702e+05	2.143e+04
		6973.43	2.146e+05	-1.92e-03	0.0	13.8	-1.003e+04	664.17	-1599.05	-2.111e+04	2.485e+05	3.282e+04
133	39	3.815e+04	2.663e+05	-8.65e-03	-144.35	27.5	-1.004e+04	591.76	-1599.05	-2.111e+04	2.268e+05	4.322e+04
		1.667e+04	2.233e+05	-1.43e-03	0.0	0.0	-8627.41	865.85	-1610.60	-2.190e+04	2.589e+05	6973.43
133	70	2.980e+04	2.592e+05	-8.87e-03	-144.35	13.8	-8638.70	793.91	-1610.60	-2.190e+04	2.368e+05	1.870e+04
		7381.77	2.150e+05	-1.90e-03	0.0	27.5	-8650.06	721.50	-1610.60	-2.190e+04	2.146e+05	2.944e+04
133	71	3.778e+04	2.660e+05	-8.66e-03	-144.35	0.0	-9826.47	798.40	-1564.29	-2.297e+04	2.663e+05	1.667e+04
		1.626e+04	2.229e+05	-1.45e-03	0.0	13.8	-9837.76	726.46	-1564.29	-2.297e+04	2.448e+05	2.791e+04
134	6	6.200e+04	1.760e+05	-7.19e-03	-148.11	27.5	-9849.12	654.06	-1564.29	-2.297e+04	2.233e+05	3.815e+04
		4.542e+04	1.489e+05	-1.34e-03	0.0	0.0	-8677.77	863.00	-1608.66	-2.194e+04	2.592e+05	7381.77
134	7	7.684e+04	1.977e+05	-6.10e-03	-148.11	13.8	-8689.07	791.06	-1608.66	-2.194e+04	2.371e+05	1.909e+04
		6.212e+04	1.740e+05	-2.63e-04	0.0	27.5	-8700.43	718.66	-1608.66	-2.194e+04	2.150e+05	2.980e+04
134	26	6.017e+04	1.785e+05	-6.64e-03	-148.11	0.0	-9776.10	801.25	-1566.24	-2.293e+04	2.660e+05	1.626e+04
		4.447e+04	1.526e+05	-1.18e-03	0.0	13.8	-9787.39	729.31	-1566.24	-2.293e+04	2.445e+05	2.752e+04
134	27	7.868e+04	1.952e+05	-6.65e-03	-148.11	27.5	-9798.76	656.90	-1566.24	-2.293e+04	2.229e+05	3.778e+04
		6.308e+04	1.703e+05	-4.29e-04	0.0	0.0	-6549.38	678.06	-982.01	-8894.81	1.760e+05	4.542e+04
134	38	6.597e+04	1.818e+05	-6.91e-03	-148.11	13.8	-6560.96	604.24	-982.01	-8894.81	1.625e+05	5.422e+04
		4.986e+04	1.556e+05	-1.06e-03	0.0	27.5	-6572.62	529.96	-982.01	-8894.81	1.489e+05	6.200e+04
134	39	7.288e+04	1.920e+05	-6.38e-03	-148.11	0.0	-9513.40	554.26	-864.34	-1.153e+04	1.977e+05	6.212e+04
		5.768e+04	1.673e+05	-5.46e-04	0.0	13.8	-9524.98	480.44	-864.34	-1.153e+04	1.858e+05	6.999e+04
134	58	6.519e+04	1.830e+05	-6.65e-03	-148.11	27.5	-9536.64	406.16	-864.34	-1.153e+04	1.740e+05	7.684e+04
		4.951e+04	1.573e+05	-9.78e-04	0.0	0.0	-7170.40	690.51	-925.12	-1.149e+04	1.785e+05	4.447e+04
134	59	7.366e+04	1.907e+05	-6.64e-03	-148.11	13.8	-7181.99	616.69	-925.12	-1.149e+04	1.656e+05	5.282e+04
		5.804e+04	1.656e+05	-6.28e-04	0.0	27.5	-7193.65	542.41	-925.12	-1.149e+04	1.526e+05	6.017e+04
134	70	6.626e+04	1.822e+05	-6.88e-03	-148.11	0.0	-8892.37	541.81	-921.23	-8931.00	1.952e+05	6.308e+04
		5.019e+04	1.560e+05	-1.04e-03	0.0	13.8	-8903.96	467.99	-921.23	-8931.00	1.827e+05	7.139e+04
134	71	7.259e+04	1.915e+05	-6.40e-03	-148.11	27.5	-8915.62	393.71	-921.23	-8931.00	1.703e+05	7.868e+04
		5.735e+04	1.669e+05	-5.68e-04	0.0	0.0	-7325.35	645.29	-951.22	-9599.60	1.818e+05	4.986e+04
134	90	6.555e+04	1.833e+05	-6.65e-03	-148.11	13.8	-7336.94	571.48	-951.22	-9599.60	1.556e+05	6.597e+04
		4.987e+04	1.577e+05	-9.64e-04	0.0	27.5	-7348.60	497.19	-951.22	-9599.60	1.556e+05	6.597e+04
134	91	7.330e+04	1.904e+05	-6.64e-03	-148.11	0.0	-8737.42	587.03	-895.13	-1.082e+04	1.920e+05	5.768e+04
		5.768e+04	1.652e+05	-6.43e-04	0.0	13.8	-8749.01	513.21	-895.13	-1.082e+04	1.797e+05	6.579e+04
135	6	8.866e+04	1.257e+05	-6.75e-03	-151.87	27.5	-8760.67	438.92	-895.13	-1.082e+04	1.673e+05	7.288e+04
		7.546e+04	1.048e+05	-7.03e-04	0.0	0.0	-7625.01	650.54	-924.39	-1.078e+04	1.830e+05	4.951e+04
135	7	8.992e+04	1.537e+05	7.77e-04	-151.87	13.8	-7636.60	576.72	-924.39	-1.078e+04	1.702e+05	5.786e+04
		8.809e+04	1.351e+05	4.59e-04	0.0	27.5	-7648.26	502.44	-924.39	-1.078e+04	1.573e+05	6.519e+04
135	26	9.613e+04	1.304e+05	-0.01	-151.87	0.0	-8437.77	581.78	-921.96	-9642.20	1.907e+05	5.804e+04
		7.285e+04	1.104e+05	-4.74e-04	0.0	13.8	-8449.35	507.96	-921.96	-9642.20	1.781e+05	6.636e+04
135	32	9.791e+04	1.371e+05	-0.01	-151.87	27.5	-8461.01	433.68	-921.96	-9642.20	1.656e+05	7.366e+04
		7.512e+04	1.178e+05	-2.29e-04	0.0	0.0	-7384.66	642.84	-948.86	-9651.28	1.822e+05	5.019e+04
135	38	8.898e+04	1.331e+05	-4.73e-03	-151.87	13.8	-7396.25	569.02	-948.86	-9651.28	1.691e+05	5.874e+04
		7.884e+04	1.128e+05	-3.99e-04	0.0	27.5	-7407.91	494.73	-948.86	-9651.28	1.560e+05	6.626e+04
135	39	8.960e+04	1.463e+05	-1.24e-03	-151.87	0.0	-8678.12	589.48	-897.49	-1.077e+04	1.915e+05	5.735e+04
		8.471e+04	1.271e+05	1.55e-04	0.0	13.8	-8689.70	515.67	-897.49	-1.077e+04	1.792e+05	6.548e+04
135	58	9.241e+04	1.354e+05	-7.67e-03	-151.87	27.5	-8701.36	441.38	-897.49	-1.077e+04	1.669e+05	7.259e+04
		7.769e+04	1.155e+05	-2.88e-04	0.0	0.0	-7659.23	647.63	-924.29	-1.073e+04	1.833e+05	4.987e+04
135	64	9.323e+04	1.386e+05	-7.50e-03	-151.87	13.8	-7670.82	573.81	-924.29	-1.073e+04	1.705e+05	5.822e+04
						27.5	-7682.48	499.52	-924.29	-1.073e+04	1.577e+05	6.555e+04
						0.0	-8403.54	584.69	-922.06	-9690.91	1.904e+05	5.768e+04
						13.8	-8415.13	510.88	-922.06	-9690.91	1.778e+05	6.600e+04
						27.5	-8426.79	436.59	-922.06	-9690.91	1.652e+05	7.330e+04
						0.0	-4995.69	396.34	-759.60	-4949.42	1.257e+05	7.546e+04
						13.8	-5007.57	320.64	-759.60	-4949.42	1.153e+05	8.258e+04
						27.5	-5019.53	244.48	-759.60	-4949.42	1.048e+05	8.866e+04
						0.0	-8270.23	265.48	-675.15	-7464.13	1.537e+05	8.809e+04
						13.8	-8282.11	189.78	-675.15	-7464.13	1.444e+05	8.952e+04
						27.5	-8294.06	113.62	-675.15	-7464.13	1.351e+05	8.991e+04
						0.0	-5726.93	404.51	-719.00	-7515.27	1.304e+05	7.285e+04
						13.8	-5738.81	328.82	-719.00	-7515.27	1.204e+05	8.501e+04
						27.5	-5750.76	252.65	-719.00	-7515.27	1.104e+05	9.613e+04
						0.0	-6528.40	378.89	-688.17	-8841.26	1.371e+05	7.512e+04
						13.8	-6540.28	303.20	-688.17	-8841.26	1.275e+05	8.704e+04
						27.5	-6552.24	227.03	-688.17	-8841.26	1.178e+05	9.791e+04
						0.0	-5852.90	361.53	-737.50	-5616.49	1.331e+05	7.884e+04
						13.8	-5864.78	285.84	-737.50	-5616.49	1.229e+05	8.443e+04
						27.5	-5876.73	209.67	-737.50	-5616.49	1.128e+05	8.898e+04
						0.0	-7413.02	300.29	-697.25	-6797.07	1.463e+05	8.471e+04
						13.8	-7424.90	224.59	-697.25	-6797.07	1.367e+05	8.768e+04
						27.5	-7436.86	148.42	-697.25	-6797.07	1.271e+05	8.960e+04
						0.0	-6205.27	364.59	-718.32	-6785.73	1.354e+05	7.769e+04
						13.8	-6217.15	288.90	-718.32	-6785.73	1.254e+05	8.557e+04
						27.5	-6229.11	212.73	-718.32	-6785.73	1.155e+05	9.241e+04
						0.0	-6587.38	352.51	-703.66	-7406.58	1.386e+05	7.875e+04

		7.875e+04	1.190e+05	-1.70e-04	0.0	13.8	-6599.26	276.82	-703.66	-7406.58	1.288e+05	8.651e+04
						27.5	-6611.22	200.65	-703.66	-7406.58	1.190e+05	9.323e+04
135	70	8.900e+04	1.336e+05	-4.58e-03	-151.87	0.0	-5918.42	358.95	-735.81	-5666.26	1.336e+05	7.909e+04
		7.909e+04	1.134e+05	-3.75e-04	0.0	13.8	-5930.31	283.25	-735.81	-5666.26	1.235e+05	8.457e+04
						27.5	-5942.26	207.08	-735.81	-5666.26	1.134e+05	8.900e+04
135	71	8.957e+04	1.457e+05	-1.39e-03	-151.87	0.0	-7347.50	302.87	-698.94	-6747.29	1.457e+05	8.446e+04
		8.446e+04	1.265e+05	1.32e-04	0.0	13.8	-7359.38	227.18	-698.94	-6747.29	1.361e+05	8.754e+04
						27.5	-7371.33	151.01	-698.94	-6747.29	1.265e+05	8.957e+04
135	90	9.214e+04	1.357e+05	-7.28e-03	-151.87	0.0	-6241.29	361.73	-718.24	-6736.08	1.357e+05	7.803e+04
		7.803e+04	1.159e+05	-2.74e-04	0.0	13.8	-6253.17	286.03	-718.24	-6736.08	1.258e+05	8.561e+04
						27.5	-6265.13	209.87	-718.24	-6736.08	1.159e+05	9.214e+04
135	96	9.290e+04	1.387e+05	-7.11e-03	-151.87	0.0	-6591.31	350.67	-704.81	-7304.53	1.387e+05	7.900e+04
		7.900e+04	1.191e+05	-1.66e-04	0.0	13.8	-6603.19	274.97	-704.81	-7304.53	1.289e+05	8.647e+04
						27.5	-6615.14	198.80	-704.81	-7304.53	1.191e+05	9.290e+04
136	6	9.524e+04	8.541e+04	7.01e-04	-155.63	0.0	-3403.47	80.81	-670.02	-3717.29	8.541e+04	9.307e+04
		9.307e+04	6.705e+04	-2.44e-04	0.0	13.8	-3415.64	3.24	-670.02	-3717.29	7.623e+04	9.469e+04
						27.5	-3427.89	-74.81	-670.02	-3717.29	6.705e+04	9.524e+04
136	7	9.241e+04	1.173e+05	2.12e-03	-155.63	0.0	-6845.69	-57.53	-636.51	-5996.50	1.173e+05	9.241e+04
		8.721e+04	9.969e+04	1.02e-03	0.0	13.8	-6857.86	-135.11	-636.51	-5996.50	1.085e+05	9.034e+04
						27.5	-6870.11	-213.16	-636.51	-5996.50	9.969e+04	8.721e+04
136	31	8.580e+04	1.104e+05	1.49e-03	-155.63	0.0	-5956.56	-62.77	-656.99	-3761.47	1.104e+05	8.580e+04
		8.287e+04	9.237e+04	6.51e-04	0.0	13.8	-5968.73	-140.35	-656.99	-3761.47	1.014e+05	8.487e+04
						27.5	-5980.98	-218.39	-656.99	-3761.47	9.237e+04	8.287e+04
136	32	1.012e+05	9.971e+04	1.55e-03	-155.63	0.0	-5058.54	61.54	-627.94	-7494.62	9.971e+04	1.012e+05
		9.819e+04	8.223e+04	3.38e-04	0.0	13.8	-5070.72	-16.04	-627.94	-7494.62	9.097e+04	1.002e+05
						27.5	-5082.97	-94.09	-627.94	-7494.62	8.223e+04	9.819e+04
136	38	9.351e+04	9.380e+04	1.07e-03	-155.63	0.0	-4304.58	43.90	-661.18	-4317.18	9.380e+04	9.289e+04
		9.289e+04	7.564e+04	8.77e-05	0.0	13.8	-4316.75	-33.67	-661.18	-4317.18	8.472e+04	9.351e+04
						27.5	-4329.00	-111.72	-661.18	-4317.18	7.564e+04	9.306e+04
136	39	9.259e+04	1.089e+05	1.76e-03	-155.63	0.0	-5944.58	-20.62	-645.34	-5396.61	1.089e+05	9.259e+04
		8.938e+04	9.110e+04	6.92e-04	0.0	13.8	-5956.75	-98.20	-645.34	-5396.61	9.999e+04	9.152e+04
						27.5	-5969.00	-176.25	-645.34	-5396.61	9.110e+04	8.938e+04
136	63	8.956e+04	1.055e+05	1.45e-03	-155.63	0.0	-5516.26	-22.10	-654.81	-4384.86	1.055e+05	8.956e+04
		8.739e+04	8.755e+04	5.13e-04	0.0	13.8	-5528.43	-99.68	-654.81	-4384.86	9.655e+04	8.901e+04
						27.5	-5540.68	-177.72	-654.81	-4384.86	8.755e+04	8.739e+04
136	64	9.660e+04	1.007e+05	1.48e-03	-155.63	0.0	-5097.67	33.92	-641.48	-6057.65	1.007e+05	9.660e+04
		9.442e+04	8.291e+04	3.67e-04	0.0	13.8	-5109.85	-43.65	-641.48	-6057.65	9.178e+04	9.604e+04
						27.5	-5122.10	-121.70	-641.48	-6057.65	8.291e+04	9.442e+04
136	70	9.343e+04	9.444e+04	1.10e-03	-155.63	0.0	-4373.46	41.18	-660.52	-4362.58	9.444e+04	9.288e+04
		9.288e+04	7.629e+04	1.13e-04	0.0	13.8	-4385.63	-36.40	-660.52	-4362.58	8.536e+04	9.343e+04
						27.5	-4397.88	-114.45	-660.52	-4362.58	7.629e+04	9.290e+04
136	71	9.260e+04	1.082e+05	1.73e-03	-155.63	0.0	-5875.70	-17.90	-646.01	-5351.21	1.082e+05	9.260e+04
		8.954e+04	9.045e+04	6.67e-04	0.0	13.8	-5887.87	-95.47	-646.01	-5351.21	9.935e+04	9.161e+04
						27.5	-5900.12	-173.52	-646.01	-5351.21	9.045e+04	8.954e+04
136	95	8.983e+04	1.052e+05	1.45e-03	-155.63	0.0	-5483.25	-19.23	-654.67	-4425.66	1.052e+05	8.983e+04
		8.772e+04	8.719e+04	5.03e-04	0.0	13.8	-5495.42	-96.80	-654.67	-4425.66	9.619e+04	8.931e+04
						27.5	-5507.67	-174.85	-654.67	-4425.66	8.719e+04	8.772e+04
136	96	9.627e+04	1.007e+05	1.47e-03	-155.63	0.0	-5100.04	32.02	-642.47	-5955.51	1.007e+05	9.627e+04
		9.415e+04	8.295e+04	3.69e-04	0.0	13.8	-5112.21	-45.56	-642.47	-5955.51	9.183e+04	9.574e+04
						27.5	-5124.46	-123.61	-642.47	-5955.51	8.295e+04	9.415e+04
137	6	8.999e+04	4.940e+04	3.47e-03	-159.39	0.0	-1842.00	-254.25	-625.14	-2845.14	4.940e+04	8.999e+04
		8.007e+04	3.204e+04	4.96e-05	0.0	13.8	-1854.47	-333.71	-625.14	-2845.14	4.072e+04	8.558e+04
						27.5	-1867.01	-413.64	-625.14	-2845.14	3.204e+04	8.007e+04
137	7	8.048e+04	8.192e+04	7.89e-03	-159.39	0.0	-5319.17	-388.98	-676.24	-4914.03	8.192e+04	8.048e+04
		6.856e+04	6.347e+04	1.43e-03	0.0	13.8	-5331.64	-468.43	-676.24	-4914.03	7.269e+04	7.507e+04
						27.5	-5344.19	-548.36	-676.24	-4914.03	6.347e+04	6.856e+04
137	27	7.671e+04	7.480e+04	6.19e-03	-159.39	0.0	-4501.02	-395.86	-678.61	-2482.49	7.480e+04	7.671e+04
		6.558e+04	5.628e+04	1.05e-03	0.0	13.8	-4513.49	-475.32	-678.61	-2482.49	6.554e+04	7.169e+04
						27.5	-4526.03	-555.25	-678.61	-2482.49	5.628e+04	6.558e+04
137	30	9.380e+04	5.694e+04	4.96e-03	-159.39	0.0	-2745.24	-250.01	-621.02	-4994.90	5.694e+04	9.380e+04
		8.293e+04	3.953e+04	5.04e-04	0.0	13.8	-2757.71	-329.46	-621.02	-4994.90	4.823e+04	8.891e+04
						27.5	-2770.26	-409.39	-621.02	-4994.90	3.953e+04	8.293e+04
137	38	8.743e+04	5.795e+04	4.66e-03	-159.39	0.0	-2752.32	-290.05	-638.94	-3387.95	5.795e+04	8.743e+04
		7.698e+04	4.031e+04	4.10e-04	0.0	13.8	-2764.79	-369.51	-638.94	-3387.95	4.913e+04	8.275e+04
						27.5	-2777.34	-449.44	-638.94	-3387.95	4.031e+04	7.698e+04
137	39	8.304e+04	7.336e+04	6.70e-03	-159.39	0.0	-4408.85	-353.17	-662.44	-4371.23	7.336e+04	8.304e+04
		7.164e+04	5.521e+04	1.07e-03	0.0	13.8	-4421.32	-432.63	-662.44	-4371.23	6.428e+04	7.789e+04
						27.5	-4433.86	-512.56	-662.44	-4371.23	5.521e+04	7.164e+04
137	59	8.133e+04	6.992e+04	5.92e-03	-159.39	0.0	-4014.57	-355.68	-663.52	-3262.41	6.992e+04	8.133e+04
		7.031e+04	5.173e+04	8.87e-04	0.0	13.8	-4027.04	-435.14	-663.52	-3262.41	6.082e+04	7.637e+04
						27.5	-4039.59	-515.07	-663.52	-3262.41	5.173e+04	7.031e+04
137	62	8.915e+04	6.160e+04	5.35e-03	-159.39	0.0	-3187.58	-288.86	-637.04	-4360.40	6.160e+04	8.915e+04
		7.825e+04	4.392e+04	6.28e-04	0.0	13.8	-3200.05	-368.32	-637.04	-4360.40	5.276e+04	8.425e+04
						27.5	-3212.60	-448.25	-637.04	-4360.40	4.392e+04	7.825e+04
137	70	8.724e+04	5.860e+04	4.75e-03	-159.39	0.0	-2821.90	-292.72	-639.94	-3429.27	5.860e+04	8.724e+04
		7.676e+04	4.093e+04	4.38e-04	0.0	13.8	-2834.37	-372.17	-639.94	-3429.27	4.977e+04	8.255e+04
						27.5	-2846.91	-452.10	-639.94	-3429.27	4.093e+04	7.676e+04

137	71	8.323e+04	7.271e+04	6.61e-03	-159.39	0.0	-4339.27	-350.51	-661.45	-4329.91	7.271e+04	8.323e+04
		7.186e+04	5.458e+04	1.04e-03	0.0	13.8	-4351.74	-429.97	-661.45	-4329.91	6.365e+04	7.809e+04
						27.5	-4364.29	-509.90	-661.45	-4329.91	5.458e+04	7.186e+04
137	91	8.167e+04	6.956e+04	5.90e-03	-159.39	0.0	-3978.01	-352.79	-662.43	-3315.36	6.956e+04	8.167e+04
		7.065e+04	5.139e+04	8.75e-04	0.0	13.8	-3990.48	-432.25	-662.43	-3315.36	6.048e+04	7.671e+04
						27.5	-4003.03	-512.18	-662.43	-3315.36	5.139e+04	7.065e+04
137	94	8.882e+04	6.194e+04	5.38e-03	-159.39	0.0	-3220.71	-291.64	-638.20	-4318.85	6.194e+04	8.882e+04
		7.792e+04	4.425e+04	6.37e-04	0.0	13.8	-3233.18	-371.10	-638.20	-4318.85	5.310e+04	8.392e+04
						27.5	-3245.72	-451.03	-638.20	-4318.85	4.425e+04	7.792e+04
138	6	6.554e+04	1.435e+04	8.40e-03	-163.14	0.0	-358.77	-602.07	-698.90	-177.83	1.435e+04	6.554e+04
		4.575e+04	-5050.31	1.92e-04	0.0	13.8	-371.54	-683.41	-698.90	-177.83	4648.36	5.620e+04
						27.5	-384.38	-765.22	-698.90	-177.83	-5050.31	4.575e+04
138	7	5.161e+04	4.340e+04	9.40e-03	-163.14	0.0	-3756.36	-738.86	-849.91	-2127.07	4.340e+04	5.161e+04
		2.982e+04	2.019e+04	1.68e-03	0.0	13.8	-3769.13	-820.19	-849.91	-2127.07	3.179e+04	4.127e+04
						27.5	-3781.97	-902.00	-849.91	-2127.07	2.019e+04	2.982e+04
138	14	6.470e+04	1.463e+04	8.69e-03	-163.14	0.0	-612.54	-610.34	-715.99	-823.68	1.463e+04	5.470e+04
		4.451e+04	-5660.34	4.45e-04	0.0	13.8	-625.30	-691.68	-715.99	823.68	4486.19	5.516e+04
						27.5	-638.14	-773.49	-715.99	823.68	-5660.34	4.451e+04
138	26	6.766e+04	2.127e+04	9.00e-03	-163.14	0.0	-1156.58	-587.81	-716.94	-2563.71	2.127e+04	6.766e+04
		4.680e+04	1181.30	6.55e-04	0.0	13.8	-1169.35	-669.15	-716.94	-2563.71	1.123e+04	5.779e+04
						27.5	-1182.19	-750.95	-716.94	-2563.71	1181.30	4.680e+04
138	27	4.949e+04	3.647e+04	8.80e-03	-163.14	0.0	-2958.54	-753.12	-831.87	258.81	3.647e+04	4.949e+04
		2.876e+04	1.396e+04	1.22e-03	0.0	13.8	-2971.31	-834.46	-831.87	258.81	2.521e+04	3.969e+04
						27.5	-2984.15	-916.26	-831.87	258.81	1.396e+04	2.876e+04
138	38	6.182e+04	2.198e+04	8.65e-03	-163.14	0.0	-1248.44	-638.38	-738.70	-694.07	2.198e+04	6.182e+04
		4.152e+04	1585.34	5.80e-04	0.0	13.8	-1261.20	-719.71	-738.70	-694.07	1.178e+04	5.223e+04
						27.5	-1274.04	-801.52	-738.70	-694.07	1585.34	4.152e+04
138	39	5.532e+04	3.576e+04	9.15e-03	-163.14	0.0	-2866.69	-702.55	-810.11	-1610.83	3.576e+04	5.532e+04
		3.405e+04	1.355e+04	1.29e-03	0.0	13.8	-2879.46	-783.89	-810.11	-1610.83	2.466e+04	4.525e+04
						27.5	-2892.30	-865.70	-810.11	-1610.83	1.355e+04	3.405e+04
138	46	6.140e+04	2.212e+04	8.80e-03	-163.14	0.0	-1370.67	-642.50	-747.13	-208.71	2.212e+04	6.140e+04
		4.090e+04	1293.71	7.01e-04	0.0	13.8	-1383.43	-723.84	-747.13	-208.71	1.171e+04	5.171e+04
						27.5	-1396.27	-805.64	-747.13	-208.71	1293.71	4.090e+04
138	58	6.273e+04	2.533e+04	8.94e-03	-163.14	0.0	-1633.41	-632.37	-747.54	-1779.03	2.533e+04	6.273e+04
		4.192e+04	4590.05	8.00e-04	0.0	13.8	-1646.18	-713.70	-747.54	-1779.03	1.496e+04	5.289e+04
						27.5	-1659.02	-795.51	-747.54	-1779.03	4590.05	4.192e+04
138	59	5.442e+04	3.242e+04	8.86e-03	-163.14	0.0	-2481.72	-708.56	-801.27	-525.87	3.242e+04	5.442e+04
		3.364e+04	1.055e+04	1.07e-03	0.0	13.8	-2494.48	-789.90	-801.27	-525.87	2.148e+04	4.459e+04
						27.5	-2507.32	-871.71	-801.27	-525.87	1.055e+04	3.364e+04
138	70	6.155e+04	2.256e+04	8.68e-03	-163.14	0.0	-1316.41	-641.08	-741.71	-732.71	2.256e+04	6.155e+04
		4.120e+04	2088.60	6.10e-04	0.0	13.8	-1329.18	-722.42	-741.71	-732.71	1.233e+04	5.193e+04
						27.5	-1342.02	-804.23	-741.71	-732.71	2088.60	4.120e+04
138	71	5.560e+04	3.518e+04	9.12e-03	-163.14	0.0	-2798.72	-699.85	-807.10	-1572.19	3.518e+04	5.560e+04
		3.436e+04	1.305e+04	1.26e-03	0.0	13.8	-2811.49	-781.18	-807.10	-1572.19	2.411e+04	4.554e+04
						27.5	-2824.33	-862.99	-807.10	-1572.19	1.305e+04	3.436e+04
138	78	6.116e+04	2.269e+04	8.81e-03	-163.14	0.0	-1428.40	-644.86	-749.44	-287.93	2.269e+04	6.116e+04
		4.064e+04	1821.45	7.21e-04	0.0	13.8	-1441.17	-726.20	-749.44	-287.93	1.226e+04	5.146e+04
						27.5	-1454.01	-808.01	-749.44	-287.93	1821.45	4.064e+04
138	90	6.238e+04	2.563e+04	8.94e-03	-163.14	0.0	-1669.16	-635.60	-749.81	-1725.34	2.563e+04	6.238e+04
		4.157e+04	4841.74	8.12e-04	0.0	13.8	-1681.92	-716.93	-749.81	-1725.34	1.523e+04	5.253e+04
						27.5	-1694.76	-798.74	-749.81	-1725.34	4841.74	4.157e+04
138	91	5.477e+04	3.212e+04	8.86e-03	-163.14	0.0	-2445.97	-705.33	-799.00	-579.56	3.212e+04	5.477e+04
		3.399e+04	1.030e+04	1.06e-03	0.0	13.8	-2458.74	-786.67	-799.00	-579.56	2.121e+04	4.494e+04
						27.5	-2471.58	-868.48	-799.00	-579.56	1.030e+04	3.399e+04
139	6	2.030e+04	-2.845e+04	9.85e-03	-166.90	0.0	1014.80	-1026.91	-1077.41	8905.35	-2.845e+04	2.030e+04
		-1.182e+04	-5.747e+04	1.87e-04	0.0	13.8	1001.74	-1110.13	-1077.41	8905.35	-4.296e+04	4811.26
						27.5	988.61	-1193.82	-1077.41	8905.35	-5.747e+04	-1.182e+04
139	7	1932.19	-8754.99	0.01	-166.90	0.0	-2211.06	-1195.68	-1444.73	6965.09	-8754.99	1932.19
		-3.280e+04	-4.910e+04	1.75e-03	0.0	13.8	-2224.12	-1278.89	-1444.73	6965.09	-2.893e+04	-1.486e+04
						27.5	-2237.26	-1362.58	-1444.73	6965.09	-4.910e+04	-3.280e+04
139	13	1.431e+04	-2.890e+04	9.83e-03	-166.90	0.0	533.15	-1096.36	-1171.42	1.118e+04	-2.890e+04	1.431e+04
		-1.831e+04	-6.370e+04	4.44e-04	0.0	13.8	520.09	-1179.58	-1171.42	1.118e+04	-4.630e+04	-1427.01
						27.5	506.95	-1263.26	-1171.42	1.118e+04	-6.370e+04	-1.831e+04
139	15	3597.04	-6846.37	0.01	-166.90	0.0	-1984.34	-1186.46	-1399.74	5907.06	-6846.37	3597.04
		-3.073e+04	-4.491e+04	1.50e-03	0.0	13.8	-1997.40	-1269.67	-1399.74	5907.06	-2.588e+04	-1.299e+04
						27.5	-2010.54	-1353.36	-1399.74	5907.06	-4.491e+04	-3.073e+04
139	26	2.042e+04	-2.377e+04	0.01	-166.90	0.0	272.40	-994.64	-1131.61	6386.35	-2.377e+04	2.042e+04
		-1.247e+04	-5.146e+04	7.29e-04	0.0	13.8	259.34	-1077.85	-1131.61	6386.35	-3.761e+04	4551.97
						27.5	246.21	-1161.54	-1131.61	6386.35	-5.146e+04	-1.247e+04
139	38	1.544e+04	-2.326e+04	9.98e-03	-166.90	0.0	169.72	-1072.01	-1173.75	8376.91	-2.326e+04	1.544e+04
		-1.736e+04	-5.526e+04	5.95e-04	0.0	13.8	156.66	-1155.23	-1173.75	8376.91	-3.926e+04	-387.69
						27.5	143.52	-1238.92	-1173.75	8376.91	-5.526e+04	-1.736e+04
139	39	6793.02	-1.394e+04	0.01	-166.90	0.0	-1365.98	-1150.58	-1348.38	7493.53	-1.394e+04	6793.02
		-2.727e+04	-5.131e+04	1.35e-03	0.0	13.8	-1379.04	-1233.80	-1348.38	7493.53	-3.263e+04	-9662.78
						27.5	-1392.17	-1317.48	-1348.38	7493.53	-5.131e+04	-2.727e+04
139	45	1.264e+04	-2.352e+04	9.97e-03	-166.90	0.0	-57.13	-1103.97	-1218.63	9443.41	-2.352e+04	1.264e+04
		-2.041e+04	-5.823e+04	7.20e-04	0.0	13.8	-70.20	-1187.18	-1218.63	9443.41	-4.087e+04	-3310.93

						27.5	-83.33	-1270.87	-1218.63	9443.41	-5.823e+04	-2.041e+04
139	47	7616.50	-1.302e+04	0.01	-166.90	0.0	-1256.74	-1146.00	-1326.43	6976.36	-1.302e+04	7616.50
		-2.625e+04	-4.929e+04	1.22e-03	0.0	13.8	-1269.81	-1229.22	-1326.43	6976.36	-3.116e+04	-8740.40
						27.5	-1282.94	-1312.91	-1326.43	6976.36	-4.929e+04	-2.625e+04
139	70	1.507e+04	-2.287e+04	9.99e-03	-166.90	0.0	105.20	-1075.33	-1181.09	8339.34	-2.287e+04	1.507e+04
		-1.778e+04	-5.510e+04	6.27e-04	0.0	13.8	92.14	-1158.55	-1181.09	8339.34	-3.898e+04	-778.37
						27.5	79.01	-1242.24	-1181.09	8339.34	-5.510e+04	-1.778e+04
139	71	7157.21	-1.433e+04	0.01	-166.90	0.0	-1301.46	-1147.26	-1341.04	7531.10	-1.433e+04	7157.21
		-2.685e+04	-5.148e+04	1.31e-03	0.0	13.8	-1314.52	-1230.48	-1341.04	7531.10	-3.290e+04	-9272.10
						27.5	-1327.66	-1314.16	-1341.04	7531.10	-5.148e+04	-2.685e+04
139	77	1.251e+04	-2.310e+04	9.99e-03	-166.90	0.0	-102.53	-1104.58	-1222.20	9315.90	-2.310e+04	1.251e+04
		-2.057e+04	-5.781e+04	7.41e-04	0.0	13.8	-115.59	-1187.79	-1222.20	9315.90	-4.046e+04	-3454.93
						27.5	-128.73	-1271.48	-1222.20	9315.90	-5.781e+04	-2.057e+04
139	79	7912.21	-1.349e+04	0.01	-166.90	0.0	-1201.38	-1143.06	-1320.92	7057.07	-1.349e+04	7912.21
		-2.591e+04	-4.963e+04	1.20e-03	0.0	13.8	-1214.44	-1226.28	-1320.92	7057.07	-3.156e+04	-8426.48
						27.5	-1227.57	-1309.97	-1320.92	7057.07	-4.963e+04	-2.591e+04
140	6	-5.446e+04	-1.023e+05	8.20e-03	-170.66	0.0	2444.48	-1944.89	-1797.77	3.460e+04	-1.023e+05	-5.446e+04
		-1.141e+05	-1.453e+05	-6.29e-05	0.0	13.8	2431.12	-2029.99	-1797.77	3.460e+04	-1.238e+05	-8.369e+04
						27.5	2417.69	-2115.55	-1797.77	3.460e+04	-1.453e+05	-1.141e+05
140	7	-8.067e+04	-9.835e+04	7.84e-03	-170.66	0.0	-438.92	-2243.26	-2475.03	3.222e+04	-9.835e+04	-8.067e+04
		-1.473e+05	-1.728e+05	1.50e-03	0.0	13.8	-452.27	-2328.35	-2475.03	3.222e+04	-1.356e+05	-1.134e+05
						27.5	-465.71	-2413.92	-2475.03	3.222e+04	-1.728e+05	-1.473e+05
140	16	-7.234e+04	-8.994e+04	8.04e-03	-170.66	0.0	-22.28	-2119.56	-2308.31	2.920e+04	-8.994e+04	-7.234e+04
		-1.363e+05	-1.665e+05	1.31e-03	0.0	13.8	-35.64	-2204.66	-2308.31	2.920e+04	-1.282e+05	-1.037e+05
						27.5	-49.07	-2290.22	-2308.31	2.920e+04	-1.665e+05	-1.363e+05
140	38	-6.137e+04	-1.012e+05	8.10e-03	-170.66	0.0	1688.28	-2024.53	-1975.41	3.394e+04	-1.012e+05	-6.137e+04
		-1.229e+05	-1.525e+05	3.45e-04	0.0	13.8	1674.92	-2109.63	-1975.41	3.394e+04	-1.269e+05	-9.153e+04
						27.5	1661.49	-2195.20	-1975.41	3.394e+04	-1.525e+05	-1.229e+05
140	39	-7.376e+04	-9.942e+04	7.94e-03	-170.66	0.0	317.28	-2163.61	-2297.39	3.287e+04	-9.942e+04	-7.376e+04
		-1.385e+05	-1.656e+05	1.10e-03	0.0	13.8	303.92	-2248.71	-2297.39	3.287e+04	-1.325e+05	-1.056e+05
						27.5	290.49	-2334.27	-2297.39	3.287e+04	-1.656e+05	-1.385e+05
140	48	-6.984e+04	-9.542e+04	8.03e-03	-170.66	0.0	512.20	-2106.58	-2217.92	3.146e+04	-9.542e+04	-6.984e+04
		-1.334e+05	-1.626e+05	9.99e-04	0.0	13.8	498.85	-2191.68	-2217.92	3.146e+04	-1.290e+05	-1.010e+05
						27.5	485.42	-2277.25	-2217.92	3.146e+04	-1.626e+05	-1.334e+05
140	70	-6.190e+04	-1.012e+05	8.09e-03	-170.66	0.0	1630.67	-2030.41	-1988.94	3.390e+04	-1.012e+05	-6.190e+04
		-1.235e+05	-1.531e+05	3.76e-04	0.0	13.8	1617.31	-2115.51	-1988.94	3.390e+04	-1.271e+05	-9.212e+04
						27.5	1603.88	-2201.07	-1988.94	3.390e+04	-1.531e+05	-1.235e+05
140	71	-7.324e+04	-9.949e+04	7.94e-03	-170.66	0.0	374.89	-2157.73	-2283.86	3.292e+04	-9.949e+04	-7.324e+04
		-1.379e+05	-1.650e+05	1.06e-03	0.0	13.8	361.54	-2242.83	-2283.86	3.292e+04	-1.323e+05	-1.050e+05
						27.5	348.11	-2328.40	-2283.86	3.292e+04	-1.650e+05	-1.379e+05
140	80	-6.965e+04	-9.583e+04	8.03e-03	-170.66	0.0	553.36	-2105.54	-2211.06	3.163e+04	-9.583e+04	-6.965e+04
		-1.331e+05	-1.623e+05	9.75e-04	0.0	13.8	540.01	-2190.64	-2211.06	3.163e+04	-1.290e+05	-1.008e+05
						27.5	526.58	-2276.21	-2211.06	3.163e+04	-1.623e+05	-1.331e+05
141	6	-5.720e+04	5.202e+05	-7.26e-03	-138.71	0.0	-9839.45	1524.47	-3912.03	-1.094e+05	5.202e+05	-9.826e+04
		-9.826e+04	4.042e+05	-4.24e-03	0.0	13.8	-9850.30	1455.35	-3912.03	-1.094e+05	4.622e+05	-7.725e+04
						27.5	-9861.22	1385.76	-3912.03	-1.094e+05	4.042e+05	-1.094e+05
141	7	-2.719e+04	5.153e+05	-8.24e-03	-138.71	0.0	-1.169e+04	1161.01	-3789.87	-1.036e+05	5.153e+05	-5.938e+04
		-5.938e+04	4.194e+05	-3.23e-03	0.0	13.8	-1.170e+04	1091.89	-3789.87	-1.036e+05	4.673e+05	-4.281e+04
						27.5	-1.171e+04	1022.30	-3789.87	-1.036e+05	4.194e+05	-2.719e+04
141	13	-4.797e+04	5.303e+05	-7.59e-03	-138.71	0.0	-1.043e+04	1422.85	-4010.40	-1.042e+05	5.303e+05	-6.965e+04
		-8.675e+04	4.211e+05	-3.88e-03	0.0	13.8	-1.044e+04	1353.73	-4010.40	-1.042e+05	4.757e+05	-6.688e+04
						27.5	-1.045e+04	1284.14	-4010.40	-1.042e+05	4.211e+05	-4.797e+04
141	32	-4.911e+04	5.059e+05	-7.46e-03	-138.71	0.0	-1.042e+04	1439.74	-3733.22	-1.093e+05	5.059e+05	-8.724e+04
		-8.724e+04	4.023e+05	-3.99e-03	0.0	13.8	-1.043e+04	1370.62	-3733.22	-1.093e+05	4.541e+05	-6.770e+04
						27.5	-1.044e+04	1301.04	-3733.22	-1.093e+05	4.023e+05	-4.911e+04
141	38	-4.932e+04	5.189e+05	-7.52e-03	-138.71	0.0	-1.033e+04	1428.28	-3879.41	-1.078e+05	5.189e+05	-8.804e+04
		-8.804e+04	4.083e+05	-3.97e-03	0.0	13.8	-1.034e+04	1359.16	-3879.41	-1.078e+05	4.636e+05	-6.820e+04
						27.5	-1.035e+04	1289.57	-3879.41	-1.078e+05	4.083e+05	-4.932e+04
141	39	-3.508e+04	5.166e+05	-7.98e-03	-138.71	0.0	-1.121e+04	1257.20	-3822.49	-1.052e+05	5.166e+05	-6.960e+04
		-6.960e+04	4.153e+05	-3.50e-03	0.0	13.8	-1.122e+04	1188.08	-3822.49	-1.052e+05	4.660e+05	-5.186e+04
						27.5	-1.123e+04	1118.50	-3822.49	-1.052e+05	4.153e+05	-3.508e+04
141	45	-4.496e+04	5.237e+05	-7.67e-03	-138.71	0.0	-1.060e+04	1381.46	-3925.95	-1.054e+05	5.237e+05	-8.263e+04
		-8.263e+04	4.162e+05	-3.81e-03	0.0	13.8	-1.062e+04	1312.34	-3925.95	-1.054e+05	4.699e+05	-6.332e+04
						27.5	-1.063e+04	1242.75	-3925.95	-1.054e+05	4.162e+05	-4.496e+04
141	64	-4.536e+04	5.122e+05	-7.62e-03	-138.71	0.0	-1.060e+04	1386.03	-3796.24	-1.078e+05	5.122e+05	-8.266e+04
		-8.266e+04	4.074e+05	-3.85e-03	0.0	13.8	-1.062e+04	1316.91	-3796.24	-1.078e+05	4.598e+05	-6.353e+04
						27.5	-1.063e+04	1247.32	-3796.24	-1.078e+05	4.074e+05	-4.536e+04
141	70	-4.872e+04	5.188e+05	-7.54e-03	-138.71	0.0	-1.036e+04	1421.07	-3877.00	-1.077e+05	5.188e+05	-8.727e+04
		-8.727e+04	4.086e+05	-3.95e-03	0.0	13.8	-1.037e+04	1351.95	-3877.00	-1.077e+05	4.637e+05	-6.752e+04
						27.5	-1.038e+04	1282.36	-3877.00	-1.077e+05	4.086e+05	-4.872e+04
141	71	-3.568e+04	5.167e+05	-7.96e-03	-138.71	0.0	-1.117e+04	1264.41	-3824.90	-1.053e+05	5.167e+05	-7.037e+04
		-7.037e+04	4.150e+05	-3.52e-03	0.0	13.8	-1.118e+04	1195.29	-3824.90	-1.053e+05	4.659e+05	-5.255e+04
						27.5	-1.119e+04	1125.70	-3824.90	-1.053e+05	4.150e+05	-3.568e+04
141	77	-4.473e+04	5.232e+05	-7.68e-03	-138.71	0.0	-1.062e+04	1378.22	-3919.63	-1.055e+05	5.232e+05	-8.231e+04
		-8.231e+04	4.158e+05	-3.80e-03	0.0	13.8	-1.063e+04	1309.10	-3919.63	-1.055e+05	4.695e+05	-6.304e+04
						27.5	-1.064e+04	1239.51	-3919.63	-1.055e+05	4.158e+05	-4.473e+04
141	96	-4.509e+04	5.127e+05	-7.63e-03	-138.71	0.0	-1.062e+04	1382.32	-3800.87	-1.077e+05	5.127e+05	-8.233e+04

		-8.233e+04	4.078e+05	-3.84e-03	0.0	13.8	-1.063e+04	1313.20	-3800.87	-1.077e+05	4.602e+05	-6.324e+04
142	1	5866.81	-7082.76	-3.28e-03	-75.29	27.5	-1.064e+04	1243.62	-3800.87	-1.077e+05	4.078e+05	-4.509e+04
		-6626.19	-7942.05	-1.60e-03	0.0	0.0	-1092.46	1078.39	-58.91	4.709e+04	-7082.76	-6626.19
						7.6	-1086.18	1040.77	-58.91	4.709e+04	-7512.40	-236.74
						15.2	-1079.90	1003.10	-58.91	4.709e+04	-7942.05	5866.81
142	4	2482.89	4.704e+04	-3.70e-03	-75.29	0.0	1847.96	887.13	547.89	4.329e+04	3.872e+04	-9257.24
		-9257.24	3.872e+04	6.91e-04	0.0	7.6	1854.24	849.50	547.89	4.329e+04	4.288e+04	-3244.22
						15.2	1860.52	811.84	547.89	4.329e+04	4.704e+04	2482.89
142	18	1.144e+04	3.084e+04	-3.57e-03	-75.29	0.0	453.72	895.25	355.44	4.431e+04	2.545e+04	634.60
		634.60	2.545e+04	-7.70e-04	0.0	7.6	460.00	857.62	355.44	4.431e+04	2.815e+04	6177.84
						15.2	466.28	819.95	355.44	4.431e+04	3.084e+04	1.144e+04
142	19	-3085.49	8253.25	-3.41e-03	-75.29	0.0	301.78	1070.28	133.55	4.433e+04	6186.09	-1.652e+04
		-1.652e+04	6186.09	-1.36e-04	0.0	7.6	308.06	1032.65	133.55	4.608e+04	7219.67	-9658.81
						15.2	314.34	994.98	133.55	4.608e+04	8253.25	-3085.49
142	33	4955.30	6497.59	-3.39e-03	-75.29	0.0	-320.60	1027.35	100.51	4.606e+04	4947.34	-7347.02
		-7347.02	4947.34	-1.00e-03	0.0	7.6	-314.32	989.73	100.51	4.606e+04	5722.47	-1052.91
						15.2	-308.03	952.06	100.51	4.606e+04	6497.59	4955.30
142	36	3394.40	3.260e+04	-3.59e-03	-75.29	0.0	1076.09	938.17	388.47	4.433e+04	2.669e+04	-8536.41
		-8536.41	2.669e+04	9.43e-05	0.0	7.6	1082.37	900.54	388.47	4.433e+04	2.964e+04	-2428.06
						15.2	1088.66	862.88	388.47	4.433e+04	3.260e+04	3394.40
142	50	7536.05	2.474e+04	-3.52e-03	-75.29	0.0	405.51	942.43	295.38	4.479e+04	2.025e+04	-3967.35
		-3967.35	2.025e+04	-6.04e-04	0.0	7.6	411.79	904.80	295.38	4.479e+04	2.250e+04	1927.30
						15.2	418.08	867.14	295.38	4.479e+04	2.474e+04	7536.05
142	51	813.65	1.435e+04	-3.46e-03	-75.29	0.0	349.98	1023.09	193.60	4.559e+04	1.139e+04	-1.192e+05
		-1.192e+04	1.139e+04	-3.02e-04	0.0	7.6	356.26	985.47	193.60	4.559e+04	1.287e+04	-5408.27
						15.2	362.55	947.80	193.60	4.559e+04	1.435e+04	813.65
142	65	4889.16	7594.85	-3.40e-03	-75.29	0.0	-261.88	1023.59	112.62	4.599e+04	5861.47	-7397.71
		-7397.71	5861.47	-9.55e-04	0.0	7.6	-255.61	985.96	112.62	4.599e+04	6728.16	-1111.32
						15.2	-249.32	948.29	112.62	4.599e+04	7594.85	4889.16
142	68	3460.53	3.150e+04	-3.59e-03	-75.29	0.0	1017.38	941.94	376.37	4.440e+04	2.578e+04	-8485.72
		-8485.72	2.578e+04	4.84e-05	0.0	7.6	1023.66	904.31	376.37	4.440e+04	2.864e+04	-2369.65
						15.2	1029.94	866.64	376.37	4.440e+04	3.150e+04	3460.53
142	82	7251.46	2.430e+04	-3.52e-03	-75.29	0.0	402.99	945.85	291.06	4.483e+04	1.988e+04	-4303.77
		-4303.77	1.988e+04	-5.91e-04	0.0	7.6	409.27	908.22	291.06	4.483e+04	2.209e+04	1616.80
						15.2	415.55	870.55	291.06	4.483e+04	2.430e+04	7251.46
142	83	1098.23	1.479e+04	-3.46e-03	-75.29	0.0	352.51	1019.68	197.92	4.556e+04	1.176e+04	-1.158e+04
		-1.158e+04	1.176e+04	-3.15e-04	0.0	7.6	358.79	982.05	197.92	4.556e+04	1.328e+04	-5097.76
						15.2	365.07	944.38	197.92	4.556e+04	1.479e+04	1098.23
143	1	-1.243e+05	3.168e+04	-0.01	-312.55	0.0	-1587.83	3418.10	449.30	-5.137e+04	1.045e+04	-2.067e+05
		-2.067e+05	1.045e+04	-2.68e-03	0.0	12.3	-1594.18	3261.95	449.30	-5.137e+04	2.107e+04	-1.645e+05
						24.6	-1600.55	3105.55	449.30	-5.137e+04	3.168e+04	-1.243e+05
143	4	-1.348e+05	1.269e+05	-0.01	-312.55	0.0	-92.54	3460.79	-1265.38	-1.769e+04	1.269e+05	-2.170e+05
		-2.170e+05	8.536e+04	2.98e-03	0.0	12.3	-98.89	3304.65	-1265.38	-1.769e+04	1.061e+05	-1.749e+05
						24.6	-105.25	3148.25	-1265.38	-1.769e+04	8.536e+04	-1.348e+05
143	18	-1.092e+05	7.578e+04	-0.01	-312.55	0.0	98.57	3017.49	-451.74	-3.315e+04	7.578e+04	-1.818e+05
		-1.818e+05	2.843e+04	-8.41e-04	0.0	12.3	92.22	2861.35	-451.74	-3.315e+04	5.211e+04	-1.446e+05
						24.6	85.86	2704.95	-451.74	-3.315e+04	2.843e+04	-1.092e+05
143	19	-1.498e+05	8.861e+04	-8.65e-03	-312.55	0.0	-1778.94	3861.40	-364.34	-3.592e+04	6.154e+04	-2.419e+05
		-2.419e+05	6.154e+04	1.14e-03	0.0	12.3	-1785.30	3705.25	-364.34	-3.592e+04	7.508e+04	-1.949e+05
						24.6	-1791.66	3548.85	-364.34	-3.592e+04	8.861e+04	-1.498e+05
143	21	-1.439e+05	8.065e+04	-8.89e-03	-312.55	0.0	-2086.83	3782.80	30.90	-4.310e+04	4.070e+04	-2.344e+05
		-2.344e+05	4.070e+04	-2.33e-04	0.0	12.3	-2093.18	3626.65	30.90	-4.310e+04	6.067e+04	-1.882e+05
						24.6	-2099.54	3470.26	30.90	-4.310e+04	8.065e+04	-1.439e+05
143	24	-1.151e+05	9.663e+04	-0.01	-312.55	0.0	406.46	3096.09	-846.98	-2.597e+04	9.663e+04	-1.893e+05
		-1.893e+05	3.639e+04	5.33e-04	0.0	12.3	400.10	2939.94	-846.98	-2.597e+04	6.651e+04	-1.512e+05
						24.6	393.74	2783.54	-846.98	-2.597e+04	3.639e+04	-1.151e+05
143	34	-1.222e+05	4.727e+04	-0.01	-312.55	0.0	-889.96	3323.25	-76.76	-4.089e+04	4.727e+04	-2.021e+05
		-2.021e+05	4.007e+04	-1.24e-03	0.0	12.3	-896.31	3167.11	-76.76	-4.089e+04	4.367e+04	-1.612e+05
						24.6	-902.67	3010.71	-76.76	-4.089e+04	4.007e+04	-1.222e+05
143	36	-1.320e+05	9.629e+04	-0.01	-312.55	0.0	-493.22	3449.30	-815.72	-2.655e+04	9.629e+04	-2.143e+05
		-2.143e+05	7.136e+04	1.50e-03	0.0	12.3	-499.57	3293.15	-815.72	-2.655e+04	8.382e+04	-1.722e+05
						24.6	-505.94	3136.75	-815.72	-2.655e+04	7.136e+04	-1.320e+05
143	50	-1.201e+05	7.170e+04	-0.01	-312.55	0.0	-404.37	3243.31	-424.52	-3.397e+04	7.170e+04	-1.979e+05
		-1.979e+05	4.448e+04	-3.25e-04	0.0	12.3	-410.72	3087.16	-424.52	-3.397e+04	5.809e+04	-1.580e+05
						24.6	-417.09	2930.77	-424.52	-3.397e+04	4.448e+04	-1.201e+05
143	51	-1.390e+05	7.256e+04	-9.51e-03	-312.55	0.0	-1276.00	3635.58	-391.56	-3.510e+04	6.563e+04	-2.258e+05
		-2.258e+05	6.563e+04	6.25e-04	0.0	12.3	-1282.35	3479.43	-391.56	-3.510e+04	6.909e+04	-1.814e+05
						24.6	-1288.71	3323.03	-391.56	-3.510e+04	7.256e+04	-1.390e+05
143	53	-1.362e+05	6.875e+04	-9.62e-03	-312.55	0.0	-1420.31	3598.96	-203.29	-3.850e+04	5.572e+04	-2.223e+05
		-2.223e+05	5.572e+04	-3.46e-05	0.0	12.3	-1426.66	3442.82	-203.29	-3.850e+04	6.224e+04	-1.783e+05
						24.6	-1433.02	3286.42	-203.29	-3.850e+04	6.875e+04	-1.362e+05
143	56	-1.228e+05	8.161e+04	-0.01	-312.55	0.0	-260.07	3279.93	-612.79	-3.057e+04	8.161e+04	-2.014e+05
		-2.014e+05	4.828e+04	3.31e-04	0.0	12.3	-266.42	3123.78	-612.79	-3.057e+04	6.495e+04	-1.612e+05
						24.6	-272.78	2967.38	-612.79	-3.057e+04	4.828e+04	-1.228e+05
143	66	-1.228e+05	4.907e+04	-0.01	-312.55	0.0	-885.74	3333.08	-104.55	-4.035e+04	4.907e+04	-2.029e+05
		-2.029e+05	4.162e+04	-1.12e-03	0.0	12.3	-892.10	3176.93	-104.55	-4.035e+04	4.534e+04	-1.619e+05
						24.6	-898.46	3020.54	-104.55	-4.035e+04	4.162e+04	-1.228e+05

143	68	-1.318e+05	9.396e+04	-0.01	-312.55	0.0	-522.58	3448.47	-781.45	-2.722e+04	9.396e+04	-2.141e+05
		-2.141e+05	7.029e+04	1.39e-03	0.0	12.3	-528.93	3292.32	-781.45	-2.722e+04	8.212e+04	-1.720e+05
						24.6	-535.29	3135.92	-781.45	-2.722e+04	7.029e+04	-1.318e+05
143	82	-1.209e+05	7.143e+04	-0.01	-312.55	0.0	-441.24	3259.90	-423.04	-3.402e+04	7.143e+04	-1.991e+05
		-1.991e+05	4.567e+04	-2.85e-04	0.0	12.3	-447.60	3103.75	-423.04	-3.402e+04	5.855e+04	-1.590e+05
						24.6	-453.96	2947.35	-423.04	-3.402e+04	4.567e+04	-1.209e+05
143	83	-1.382e+05	7.137e+04	-9.58e-03	-312.55	0.0	-1239.13	3618.99	-393.04	-3.505e+04	6.590e+04	-2.246e+05
		-2.246e+05	6.590e+04	5.85e-04	0.0	12.3	-1245.48	3462.84	-393.04	-3.505e+04	6.863e+04	-1.804e+05
						24.6	-1251.84	3306.44	-393.04	-3.505e+04	7.137e+04	-1.382e+05
143	85	-1.356e+05	6.789e+04	-9.68e-03	-312.55	0.0	-1371.26	3585.47	-220.59	-3.817e+04	5.682e+04	-2.214e+05
		-2.214e+05	5.682e+04	-2.38e-05	0.0	12.3	-1377.61	3429.32	-220.59	-3.817e+04	6.235e+04	-1.776e+05
						24.6	-1383.97	3272.92	-220.59	-3.817e+04	6.789e+04	-1.356e+05
143	88	-1.234e+05	8.051e+04	-0.01	-312.55	0.0	-309.11	3293.42	-595.49	-3.090e+04	8.051e+04	-2.023e+05
		-2.023e+05	4.915e+04	3.16e-04	0.0	12.3	-315.47	3137.27	-595.49	-3.090e+04	6.483e+04	-1.619e+05
						24.6	-321.83	2980.87	-595.49	-3.090e+04	4.915e+04	-1.234e+05
144	1	-4.565e+04	-5.732e+04	-0.03	-271.26	0.0	1653.77	3136.22	984.49	-3.032e+04	-6.873e+04	-8.374e+04
		-1.235e+05	-8.013e+04	-1.82e-04	0.0	12.0	1653.77	3000.60	984.49	-3.032e+04	-5.732e+04	-4.565e+04
						24.0	1653.77	2864.96	984.49	-3.032e+04	-5.732e+04	-4.565e+04
144	4	-5.603e+04	-4.127e+04	-0.03	-271.26	0.0	979.82	3546.97	501.94	-3.923e+04	-5.408e+04	-1.402e+05
		-1.402e+05	-5.408e+04	1.66e-03	0.0	12.0	979.82	3411.34	501.94	-3.923e+04	-4.127e+04	-5.603e+04
						24.0	979.82	3275.70	501.94	-3.923e+04	-4.127e+04	-5.603e+04
144	10	-4.806e+04	-5.382e+04	-0.03	-271.26	0.0	2025.20	3219.04	774.12	-3.275e+04	-7.221e+04	-1.274e+05
		-1.274e+05	-7.221e+04	-1.89e-04	0.0	12.0	2025.20	3083.42	774.12	-3.275e+04	-5.382e+04	-4.806e+04
						24.0	2025.20	2947.78	774.12	-3.275e+04	-5.382e+04	-4.806e+04
144	11	-5.362e+04	-4.476e+04	-0.03	-271.26	0.0	608.39	3464.15	712.31	-3.680e+04	-6.201e+04	-1.362e+05
		-1.362e+05	-6.201e+04	1.66e-03	0.0	12.0	608.39	3328.52	712.31	-3.680e+04	-4.476e+04	-5.362e+04
						24.0	608.39	3192.89	712.31	-3.680e+04	-4.476e+04	-5.362e+04
144	17	-4.592e+04	-5.662e+04	-0.03	-271.26	0.0	922.98	3192.01	1104.99	-3.060e+04	-8.202e+04	-1.251e+05
		-1.251e+05	-8.202e+04	9.18e-04	0.0	12.0	922.98	3056.39	1104.99	-3.060e+04	-5.662e+04	-4.592e+04
						24.0	922.98	2920.75	1104.99	-3.060e+04	-5.662e+04	-4.592e+04
144	33	-4.841e+04	-5.304e+04	-0.03	-271.26	0.0	1470.61	3245.25	856.26	-3.275e+04	-7.322e+04	-1.279e+05
		-1.279e+05	-7.322e+04	2.96e-04	0.0	12.0	1470.61	3109.62	856.26	-3.275e+04	-5.304e+04	-4.841e+04
						24.0	1470.61	2973.98	856.26	-3.275e+04	-5.304e+04	-4.841e+04
144	36	-5.327e+04	-4.555e+04	-0.03	-271.26	0.0	1162.98	3437.95	630.17	-3.681e+04	-6.100e+04	-1.358e+05
		-1.358e+05	-6.100e+04	1.18e-03	0.0	12.0	1162.98	3302.32	630.17	-3.681e+04	-4.555e+04	-5.327e+04
						24.0	1162.98	3166.68	630.17	-3.681e+04	-4.555e+04	-5.327e+04
144	42	-4.953e+04	-5.142e+04	-0.03	-271.26	0.0	1640.08	3283.67	758.00	-3.386e+04	-6.951e+04	-1.298e+05
		-1.298e+05	-6.951e+04	2.97e-04	0.0	12.0	1640.08	3148.04	758.00	-3.386e+04	-5.142e+04	-4.953e+04
						24.0	1640.08	3012.41	758.00	-3.386e+04	-5.142e+04	-4.953e+04
144	43	-5.215e+04	-4.717e+04	-0.03	-271.26	0.0	993.51	3399.52	728.43	-3.570e+04	-6.471e+04	-1.339e+05
		-1.339e+05	-6.471e+04	1.18e-03	0.0	12.0	993.51	3263.89	728.43	-3.570e+04	-4.717e+04	-5.215e+04
						24.0	993.51	3128.26	728.43	-3.570e+04	-4.717e+04	-5.215e+04
144	49	-4.856e+04	-5.268e+04	-0.03	-271.26	0.0	1137.06	3272.36	911.53	-3.289e+04	-7.404e+04	-1.287e+05
		-1.287e+05	-7.404e+04	8.18e-04	0.0	12.0	1137.06	3136.74	911.53	-3.289e+04	-5.268e+04	-4.856e+04
						24.0	1137.06	3001.10	911.53	-3.289e+04	-5.268e+04	-4.856e+04
144	65	-4.862e+04	-5.273e+04	-0.03	-271.26	0.0	1457.54	3253.37	846.72	-3.292e+04	-7.270e+04	-1.282e+05
		-1.282e+05	-7.270e+04	3.33e-04	0.0	12.0	1457.54	3117.75	846.72	-3.292e+04	-5.273e+04	-4.862e+04
						24.0	1457.54	2982.11	846.72	-3.292e+04	-5.273e+04	-4.862e+04
144	68	-5.306e+04	-4.586e+04	-0.03	-271.26	0.0	1176.05	3429.82	639.71	-3.664e+04	-6.152e+04	-1.355e+05
		-1.355e+05	-6.152e+04	1.14e-03	0.0	12.0	1176.05	3294.19	639.71	-3.664e+04	-4.586e+04	-5.306e+04
						24.0	1176.05	3158.55	639.71	-3.664e+04	-4.586e+04	-5.306e+04
144	74	-4.964e+04	-5.124e+04	-0.03	-271.26	0.0	1612.60	3288.55	756.76	-3.394e+04	-6.931e+04	-1.299e+05
		-1.299e+05	-6.931e+04	3.34e-04	0.0	12.0	1612.60	3152.92	756.76	-3.394e+04	-5.124e+04	-4.964e+04
						24.0	1612.60	3017.28	756.76	-3.394e+04	-5.124e+04	-4.964e+04
144	75	-5.204e+04	-4.735e+04	-0.03	-271.26	0.0	1020.99	3394.64	729.67	-3.562e+04	-6.491e+04	-1.337e+05
		-1.337e+05	-6.491e+04	1.14e-03	0.0	12.0	1020.99	3259.02	729.67	-3.562e+04	-4.735e+04	-5.204e+04
						24.0	1020.99	3123.38	729.67	-3.562e+04	-4.735e+04	-5.204e+04
144	81	-4.875e+04	-5.239e+04	-0.03	-271.26	0.0	1152.34	3278.23	897.30	-3.305e+04	-6.292e+04	-8.803e+04
		-1.289e+05	-7.345e+04	8.12e-04	0.0	12.0	1152.34	3142.60	897.30	-3.305e+04	-5.239e+04	-4.875e+04
						24.0	1152.34	3006.96	897.30	-3.305e+04	-5.239e+04	-4.875e+04
145	1	3.519e+04	-7138.29	-6.50e-03	-151.36	0.0	-2728.47	854.17	57.70	5.278e+04	-8931.01	1.490e+04
		1.490e+04	-8931.01	-3.25e-03	0.0	15.2	-2715.86	778.57	57.70	5.278e+04	-8034.65	2.562e+04
						30.4	-2703.21	702.81	57.70	5.278e+04	-7138.29	3.519e+04
145	4	3.210e+04	6.814e+04	-6.56e-03	-151.36	0.0	1990.08	883.78	444.17	4.762e+04	5.464e+04	1.156e+04
		1.156e+04	5.464e+04	1.59e-03	0.0	15.2	2002.70	808.18	444.17	4.762e+04	6.139e+04	2.240e+04
						30.4	2015.34	732.42	444.17	4.762e+04	6.814e+04	3.210e+04
145	19	2.841e+04	1.559e+04	-6.11e-03	-151.36	0.0	-770.30	957.46	183.17	5.234e+04	9983.73	6763.06
		6763.06	9983.73	-2.55e-04	0.0	15.2	-757.68	881.85	183.17	5.234e+04	1.279e+04	1.816e+04
						30.4	-745.04	806.09	183.17	5.234e+04	1.559e+04	2.841e+04
145	22	3.892e+04	4.598e+04	-6.91e-03	-151.36	0.0	238.00	778.83	322.61	4.793e+04	3.617e+04	1.966e+04
		1.966e+04	3.617e+04	-1.29e-03	0.0	15.2	250.61	703.23	322.61	4.793e+04	4.107e+04	2.986e+04
						30.4	263.26	627.47	322.61	4.793e+04	4.598e+04	3.892e+04
145	33	3.436e+04	1.263e+04	-6.51e-03	-151.36	0.0	-1491.39	862.23	159.21	5.139e+04	7765.82	1.400e+04
		1.400e+04	7765.82	-1.99e-03	0.0	15.2	-1478.77	786.63	159.21	5.139e+04	1.020e+04	2.476e+04
						30.4	-1466.13	710.87	159.21	5.139e+04	1.263e+04	3.436e+04
145	36	3.293e+04	4.837e+04	-6.54e-03	-151.36	0.0	752.99	875.72	342.66	4.901e+04	3.794e+04	1.245e+04
		1.245e+04	3.794e+04	3.30e-04	0.0	15.2	765.61	800.12	342.66	4.901e+04	4.316e+04	2.326e+04

[illegible]

		5.464e+04	6.866e+04	7.24e-04	0.0	15.2	-588.95	341.29	365.73	5.117e+04	7.426e+04	5.817e+04
						30.4	-576.15	264.60	365.73	5.117e+04	7.985e+04	6.053e+04
147	37	6.246e+04	5.236e+04	-8.77e-04	-153.22	0.0	-4135.50	396.95	527.40	5.520e+04	3.636e+04	5.606e+04
		5.606e+04	3.636e+04	-1.71e-03	0.0	15.2	-4122.73	320.42	527.40	5.520e+04	4.436e+04	5.984e+04
						30.4	-4109.93	243.73	527.40	5.520e+04	5.236e+04	6.246e+04
147	40	6.046e+04	7.987e+04	-4.14e-03	-153.22	0.0	-624.39	418.71	366.35	5.119e+04	6.867e+04	5.454e+04
		5.454e+04	6.867e+04	7.10e-04	0.0	15.2	-611.62	342.18	366.35	5.119e+04	7.427e+04	5.808e+04
						30.4	-598.82	265.50	366.35	5.119e+04	7.987e+04	6.046e+04
147	54	6.412e+04	7.088e+04	-2.77e-03	-153.22	0.0	-1808.12	375.63	405.01	5.152e+04	5.854e+04	5.774e+04
		5.774e+04	5.854e+04	-1.00e-03	0.0	15.2	-1795.35	299.10	405.01	5.152e+04	6.471e+04	6.151e+04
						30.4	-1782.55	222.42	405.01	5.152e+04	7.088e+04	6.412e+04
147	55	5.880e+04	6.135e+04	-2.25e-03	-153.22	0.0	-2951.77	440.03	488.74	5.134e+04	4.869e+04	5.286e+04
		5.286e+04	4.649e+04	-1.99e-05	0.0	15.2	-2939.00	363.50	488.74	5.134e+04	5.392e+04	5.641e+04
						30.4	-2926.21	286.81	488.74	5.134e+04	6.135e+04	5.880e+04
147	65	6.231e+04	5.354e+04	-3.74e-04	-153.22	0.0	-4008.71	398.68	521.20	5.505e+04	3.772e+04	5.590e+04
		5.590e+04	3.772e+04	-1.62e-03	0.0	15.2	-3995.94	322.15	521.20	5.505e+04	4.563e+04	5.969e+04
						30.4	-3983.14	245.47	521.20	5.505e+04	5.354e+04	6.231e+04
147	68	6.061e+04	7.869e+04	-4.75e-03	-153.22	0.0	-751.18	416.98	372.55	5.134e+04	6.731e+04	5.470e+04
		5.470e+04	6.731e+04	6.21e-04	0.0	15.2	-738.41	340.45	372.55	5.134e+04	7.300e+04	5.824e+04
						30.4	-725.61	263.76	372.55	5.134e+04	7.869e+04	6.061e+04
147	69	6.237e+04	5.351e+04	-1.01e-03	-153.22	0.0	-3987.96	397.86	520.63	5.503e+04	3.772e+04	5.600e+04
		5.600e+04	3.772e+04	-1.61e-03	0.0	15.2	-3975.19	321.33	520.63	5.503e+04	4.561e+04	5.977e+04
						30.4	-3962.39	244.65	520.63	5.503e+04	5.351e+04	6.237e+04
147	72	6.054e+04	7.872e+04	-4.01e-03	-153.22	0.0	-771.93	417.80	373.12	5.136e+04	6.731e+04	5.460e+04
		5.460e+04	6.731e+04	6.08e-04	0.0	15.2	-759.16	341.27	373.12	5.136e+04	7.301e+04	5.816e+04
						30.4	-746.37	264.58	373.12	5.136e+04	7.872e+04	6.054e+04
147	86	6.389e+04	7.047e+04	-2.75e-03	-153.22	0.0	-1856.62	378.36	408.56	5.166e+04	5.803e+04	5.753e+04
		5.753e+04	5.803e+04	-9.58e-04	0.0	15.2	-1843.85	301.83	408.56	5.166e+04	6.425e+04	6.129e+04
						30.4	-1831.05	225.14	408.56	5.166e+04	7.047e+04	6.389e+04
147	87	5.902e+04	6.175e+04	-2.27e-03	-153.22	0.0	-2903.27	437.30	485.19	5.472e+04	4.700e+04	5.307e+04
		5.307e+04	4.700e+04	-4.73e-05	0.0	15.2	-2890.50	360.77	485.19	5.472e+04	5.438e+04	5.663e+04
						30.4	-2877.70	284.08	485.19	5.472e+04	6.175e+04	5.902e+04
148	1	5.278e+04	7.078e+04	5.20e-04	-77.15	0.0	-7993.61	64.06	784.51	5.975e+04	5.091e+04	5.278e+04
		5.091e+04	5.897e+04	-1.54e-03	0.0	7.6	-7992.18	25.50	784.51	5.975e+04	6.487e+04	5.199e+04
						15.2	-7985.74	-13.09	784.51	5.975e+04	7.078e+04	5.091e+04
148	4	6.505e+04	1.077e+05	8.32e-05	-77.15	0.0	824.99	98.49	281.59	5.054e+04	1.033e+05	6.505e+04
		6.406e+04	1.033e+05	1.38e-03	0.0	7.6	831.42	59.93	281.59	5.054e+04	1.055e+05	6.470e+04
						15.2	837.86	21.34	281.59	5.054e+04	1.077e+05	6.406e+04
148	5	5.291e+04	7.066e+04	5.28e-04	-77.15	0.0	-7945.92	61.32	782.85	5.970e+04	5.887e+04	5.291e+04
		5.103e+04	5.887e+04	-1.39e-03	0.0	7.6	-7939.49	22.77	782.85	5.970e+04	6.476e+04	5.212e+04
						15.2	-7933.05	-15.83	782.85	5.970e+04	7.066e+04	5.103e+04
148	8	6.492e+04	1.078e+05	7.58e-05	-77.15	0.0	772.30	101.22	283.25	5.060e+04	1.034e+05	6.492e+04
		6.395e+04	1.034e+05	1.24e-03	0.0	7.6	778.73	62.67	283.25	5.060e+04	1.056e+05	6.458e+04
						15.2	785.17	24.07	283.25	5.060e+04	1.078e+05	6.395e+04
148	17	5.250e+04	7.574e+04	1.97e-04	-77.15	0.0	-7170.18	128.99	779.79	6.062e+04	6.399e+04	5.250e+04
		5.068e+04	6.399e+04	-7.17e-04	0.0	7.6	-7163.75	90.44	779.79	6.062e+04	6.986e+04	5.174e+04
						15.2	-7157.31	51.84	779.79	6.062e+04	7.574e+04	5.068e+04
148	20	6.533e+04	1.027e+05	4.06e-04	-77.15	0.0	-3.44	33.55	286.31	4.968e+04	9.828e+04	6.533e+04
		6.429e+04	9.828e+04	5.62e-04	0.0	7.6	2.99	-5.00	286.31	4.968e+04	1.005e+05	6.496e+04
						15.2	9.43	-43.60	286.31	4.968e+04	1.027e+05	6.429e+04
148	33	5.606e+04	8.048e+04	4.07e-04	-77.15	0.0	-5683.68	73.09	652.24	5.731e+04	7.061e+04	5.606e+04
		5.442e+04	7.061e+04	-7.75e-04	0.0	7.6	-5677.24	34.54	652.24	5.731e+04	7.554e+04	5.539e+04
						15.2	-5670.80	-4.06	652.24	5.731e+04	8.048e+04	5.442e+04
148	36	6.177e+04	9.801e+04	1.97e-04	-77.15	0.0	-1489.95	89.45	413.87	5.299e+04	9.166e+04	6.177e+04
		6.056e+04	9.166e+04	6.20e-04	0.0	7.6	-1483.52	50.89	413.87	5.299e+04	9.483e+04	6.131e+04
						15.2	-1477.08	12.30	413.87	5.299e+04	9.801e+04	6.056e+04
148	37	5.612e+04	8.042e+04	4.10e-04	-77.15	0.0	-5659.26	71.85	651.47	5.728e+04	7.056e+04	5.612e+04
		5.447e+04	7.056e+04	-7.06e-04	0.0	7.6	-5652.83	33.29	651.47	5.728e+04	7.549e+04	5.544e+04
						15.2	-5646.39	-5.30	651.47	5.728e+04	8.042e+04	5.447e+04
148	40	6.171e+04	9.807e+04	1.93e-04	-77.15	0.0	-1514.36	90.69	414.63	5.301e+04	9.171e+04	6.171e+04
		6.050e+04	9.171e+04	5.51e-04	0.0	7.6	-1507.93	52.14	414.63	5.301e+04	9.489e+04	6.125e+04
						15.2	-1501.49	13.54	414.63	5.301e+04	9.807e+04	6.050e+04
148	49	5.597e+04	8.291e+04	2.53e-04	-77.15	0.0	-5269.32	103.21	648.67	5.770e+04	7.309e+04	5.597e+04
		5.436e+04	7.309e+04	-3.81e-04	0.0	7.6	-5262.88	64.65	648.67	5.770e+04	7.800e+04	5.531e+04
						15.2	-5256.44	26.06	648.67	5.770e+04	8.291e+04	5.436e+04
148	52	6.186e+04	9.558e+04	3.50e-04	-77.15	0.0	-1904.31	59.34	417.43	5.260e+04	8.918e+04	6.186e+04
		6.062e+04	8.918e+04	2.27e-04	0.0	7.6	-1897.87	20.78	417.43	5.260e+04	9.238e+04	6.139e+04
						15.2	-1891.43	-17.81	417.43	5.260e+04	9.558e+04	6.062e+04
148	65	5.630e+04	8.121e+04	3.98e-04	-77.15	0.0	-5507.42	73.78	642.21	5.713e+04	7.149e+04	5.630e+04
		5.468e+04	7.149e+04	-7.16e-04	0.0	7.6	-5500.98	35.23	642.21	5.713e+04	7.635e+04	5.564e+04
						15.2	-5494.54	-3.37	642.21	5.713e+04	8.121e+04	5.468e+04
148	68	6.153e+04	9.727e+04	2.05e-04	-77.15	0.0	-1666.21	88.76	423.89	5.317e+04	9.077e+04	6.153e+04
		6.030e+04	9.077e+04	5.62e-04	0.0	7.6	-1659.78	50.21	423.89	5.317e+04	9.402e+04	6.106e+04
						15.2	-1653.34	11.61	423.89	5.317e+04	9.727e+04	6.030e+04
148	69	5.635e+04	8.116e+04	4.01e-04	-77.15	0.0	-5485.07	72.64	641.51	5.710e+04	7.145e+04	5.635e+04
		5.473e+04	7.145e+04	-6.53e-04	0.0	7.6	-5478.64	34.09	641.51	5.710e+04	7.630e+04	5.569e+04
						15.2	-5472.19	-4.51	641.51	5.710e+04	8.116e+04	5.473e+04

148	72	6.148e+04	9.732e+04	2.02e-04	-77.15	0.0	-1688.56	89.90	424.60	5.319e+04	9.082e+04	6.148e+04
		6.025e+04	9.082e+04	4.99e-04	0.0	7.6	-1682.12	51.34	424.60	5.319e+04	9.407e+04	6.101e+04
						15.2	-1675.68	12.75	424.60	5.319e+04	9.732e+04	6.025e+04
148	81	5.622e+04	8.344e+04	2.57e-04	-77.15	0.0	-5127.41	101.34	638.91	5.748e+04	7.377e+04	5.622e+04
		5.462e+04	7.377e+04	-3.56e-04	0.0	7.6	-5120.98	62.79	638.91	5.748e+04	7.860e+04	5.557e+04
						15.2	-5114.54	24.19	638.91	5.748e+04	8.344e+04	5.462e+04
148	84	6.161e+04	9.504e+04	3.46e-04	-77.15	0.0	-2046.21	61.20	427.19	5.282e+04	8.850e+04	6.161e+04
		6.035e+04	8.850e+04	2.01e-04	0.0	7.6	-2039.78	22.64	427.19	5.282e+04	9.177e+04	6.113e+04
						15.2	-2033.34	-15.95	427.19	5.282e+04	9.504e+04	6.035e+04
149	1	4.482e+04	1.105e+05	2.90e-03	-155.07	0.0	-9129.28	-86.59	891.31	6.288e+04	8.313e+04	4.482e+04
		3.872e+04	8.313e+04	-2.80e-03	0.0	15.2	-9116.36	-164.05	891.31	6.288e+04	9.680e+04	4.236e+04
						30.4	-9103.41	-241.67	891.31	6.288e+04	1.128e+05	5.949e+04
149	2	4.801e+04	1.090e+05	3.05e-03	-155.07	0.0	-7431.21	-119.18	777.72	6.013e+04	8.674e+04	4.801e+04
		3.517e+04	8.674e+04	-2.52e-03	0.0	15.2	-7418.29	-196.64	777.72	6.013e+04	9.789e+04	4.218e+04
						30.4	-7405.34	-274.25	777.72	6.013e+04	1.090e+05	3.517e+04
149	4	5.949e+04	1.250e+05	2.29e-03	-155.07	0.0	617.95	-57.68	409.19	5.360e+04	1.128e+05	5.949e+04
		4.782e+04	1.128e+05	3.15e-03	0.0	15.2	630.88	-135.14	409.19	5.360e+04	1.189e+05	5.424e+04
						30.4	643.83	-212.75	409.19	5.360e+04	1.250e+05	4.782e+04
149	5	4.495e+04	1.105e+05	2.92e-03	-155.07	0.0	-9073.56	-89.42	889.46	6.282e+04	8.299e+04	4.495e+04
		3.857e+04	8.299e+04	-2.50e-03	0.0	15.2	-9060.64	-166.88	889.46	6.282e+04	9.673e+04	4.235e+04
						30.4	-9047.69	-244.49	889.46	6.282e+04	1.105e+05	3.857e+04
149	7	5.642e+04	1.264e+05	2.16e-03	-155.07	0.0	-1024.40	-27.92	520.93	5.629e+04	1.090e+05	5.642e+04
		5.122e+04	1.090e+05	3.17e-03	0.0	15.2	-1011.47	-105.38	520.93	5.629e+04	1.177e+05	5.441e+04
						30.4	-998.52	-183.00	520.93	5.629e+04	1.264e+05	5.122e+04
149	33	4.872e+04	1.143e+05	2.74e-03	-155.07	0.0	-6571.57	-79.01	764.45	6.041e+04	9.092e+04	4.872e+04
		4.110e+04	9.092e+04	-1.25e-03	0.0	15.2	-6558.64	-156.47	764.45	6.041e+04	1.026e+05	4.550e+04
						30.4	-6545.69	-234.08	764.45	6.041e+04	1.143e+05	4.110e+04
149	34	5.019e+04	1.136e+05	2.82e-03	-155.07	0.0	-5779.93	-94.01	711.49	5.914e+04	9.259e+04	5.019e+04
		3.947e+04	9.259e+04	-1.12e-03	0.0	15.2	-5767.01	-171.46	711.49	5.914e+04	1.031e+05	4.541e+04
						30.4	-5754.06	-249.08	711.49	5.914e+04	1.136e+05	3.947e+04
149	36	5.559e+04	1.212e+05	2.45e-03	-155.07	0.0	-1939.76	-65.27	536.05	5.607e+04	1.050e+05	5.559e+04
		4.544e+04	1.050e+05	1.59e-03	0.0	15.2	-1926.84	-142.73	536.05	5.607e+04	1.131e+05	5.110e+04
						30.4	-1913.89	-220.34	536.05	5.607e+04	1.212e+05	4.544e+04
149	37	4.878e+04	1.143e+05	2.75e-03	-155.07	0.0	-6545.75	-80.29	763.59	6.039e+04	9.086e+04	4.878e+04
		4.103e+04	9.086e+04	-1.10e-03	0.0	15.2	-6532.82	-157.75	763.59	6.039e+04	1.026e+05	4.550e+04
						30.4	-6519.87	-235.37	763.59	6.039e+04	1.143e+05	4.103e+04
149	39	5.418e+04	1.218e+05	2.39e-03	-155.07	0.0	-2705.58	-51.55	588.15	5.732e+04	1.033e+05	5.418e+04
		4.701e+04	1.033e+05	1.61e-03	0.0	15.2	-2692.65	-129.01	588.15	5.732e+04	1.125e+05	5.118e+04
						30.4	-2679.70	-206.63	588.15	5.732e+04	1.218e+05	4.701e+04
149	65	4.901e+04	1.146e+05	2.73e-03	-155.07	0.0	-6376.89	-78.43	754.85	6.023e+04	9.151e+04	4.901e+04
		4.128e+04	9.151e+04	-1.13e-03	0.0	15.2	-6363.96	-155.89	754.85	6.023e+04	1.030e+05	4.574e+04
						30.4	-6351.01	-233.50	754.85	6.023e+04	1.146e+05	4.128e+04
149	66	5.035e+04	1.140e+05	2.80e-03	-155.07	0.0	-5652.15	-92.16	706.36	5.906e+04	9.304e+04	5.035e+04
		3.979e+04	9.304e+04	-1.01e-03	0.0	15.2	-5639.22	-169.62	706.36	5.906e+04	1.035e+05	4.566e+04
						30.4	-5626.27	-247.23	706.36	5.906e+04	1.140e+05	3.979e+04
149	68	5.530e+04	1.209e+05	2.46e-03	-155.07	0.0	-2134.45	-65.84	545.66	5.625e+04	1.044e+05	5.530e+04
		4.526e+04	1.044e+05	1.47e-03	0.0	15.2	-2121.52	-143.30	545.66	5.625e+04	1.126e+05	5.087e+04
						30.4	-2108.57	-220.92	545.66	5.625e+04	1.209e+05	4.526e+04
149	69	4.907e+04	1.146e+05	2.74e-03	-155.07	0.0	-6353.25	-79.61	754.06	6.021e+04	9.145e+04	4.907e+04
		4.122e+04	9.145e+04	-9.96e-04	0.0	15.2	-6340.33	-157.07	754.06	6.021e+04	1.030e+05	4.573e+04
						30.4	-6327.38	-234.68	754.06	6.021e+04	1.146e+05	4.122e+04
149	71	5.401e+04	1.215e+05	2.40e-03	-155.07	0.0	-2835.55	-53.29	593.36	5.740e+04	1.028e+05	5.401e+04
		4.669e+04	1.028e+05	1.49e-03	0.0	15.2	-2822.63	-130.75	593.36	5.740e+04	1.121e+05	5.094e+04
						30.4	-2809.67	-208.37	593.36	5.740e+04	1.215e+05	4.669e+04
150	1	2.023e+04	1.666e+05	2.27e-03	-78.08	0.0	-1.072e+04	-367.47	1300.98	7.297e+04	1.495e+05	2.023e+04
		1.181e+04	1.495e+05	-1.12e-03	0.0	7.6	-1.071e+04	-406.49	1300.98	7.297e+04	1.580e+05	1.617e+04
						15.2	-1.070e+04	-445.55	1300.98	7.297e+04	1.666e+05	1.181e+04
150	2	1.662e+04	1.609e+05	2.29e-03	-78.08	0.0	-8742.68	-401.25	1179.10	7.025e+04	1.455e+05	1.662e+04
		8009.05	1.455e+05	-9.87e-04	0.0	7.6	-8736.17	-440.27	1179.10	7.025e+04	1.532e+05	1.246e+04
						15.2	-8729.65	-479.33	1179.10	7.025e+04	1.609e+05	8009.05
150	3	3.497e+04	1.571e+05	2.21e-03	-78.08	0.0	-1776.50	-309.33	922.15	6.700e+04	1.405e+05	3.497e+04
		2.681e+04	1.405e+05	1.74e-03	0.0	7.6	-1769.99	-348.34	922.15	6.700e+04	1.488e+05	3.104e+04
						15.2	-1763.47	-387.40	922.15	6.700e+04	1.571e+05	2.681e+04
150	4	3.136e+04	1.514e+05	2.22e-03	-78.08	0.0	198.37	-343.11	800.27	6.428e+04	1.366e+05	3.136e+04
		2.301e+04	1.366e+05	1.88e-03	0.0	7.6	204.88	-382.13	800.27	6.428e+04	1.440e+05	2.733e+04
						15.2	211.40	-421.18	800.27	6.428e+04	1.514e+05	2.301e+04
150	20	2.199e+04	1.480e+05	2.26e-03	-78.08	0.0	-626.98	-402.87	790.66	6.320e+04	1.351e+05	2.199e+04
		1.332e+04	1.351e+05	1.04e-03	0.0	7.6	-620.47	-441.89	790.66	6.320e+04	1.415e+05	1.780e+04
						15.2	-613.95	-480.95	790.66	6.320e+04	1.480e+05	1.332e+04
150	21	3.030e+04	1.704e+05	2.23e-03	-78.08	0.0	-9702.22	-309.81	1310.53	7.387e+04	1.509e+05	3.030e+04
		2.225e+04	1.509e+05	-2.19e-04	0.0	7.6	-9695.71	-348.83	1310.53	7.387e+04	1.606e+05	2.643e+04
						15.2	-9689.20	-387.89	1310.53	7.387e+04	1.704e+05	2.225e+04
150	33	2.314e+04	1.625e+05	2.26e-03	-78.08	0.0	-7852.49	-360.89	1169.19	7.066e+04	1.460e+05	2.314e+04
		1.473e+04	1.460e+05	-3.41e-04	0.0	7.6	-7845.98	-399.91	1169.19	7.066e+04	1.542e+05	1.909e+04
						15.2	-7839.46	-438.97	1169.19	7.066e+04	1.625e+05	1.473e+04
150	34	2.148e+04	1.598e+05	2.27e-03	-78.08	0.0	-6931.76	-376.42	1112.37	6.940e+04	1.441e+05	2.148e+04
		1.298e+04	1.441e+05	-2.76e-04	0.0	7.6	-6925.25	-415.43	1112.37	6.940e+04	1.520e+05	1.738e+04

150	35	3.012e+04	1.582e+05	2.23e-03	-78.08	15.2	-6918.73	-454.49	1112.37	6.940e+04	1.598e+05	1.298e+04
		2.184e+04	1.419e+05	1.03e-03	0.0	0.0	-3587.42	-334.16	988.88	6.786e+04	1.419e+05	3.012e+04
						7.6	-3580.91	-373.18	988.88	6.786e+04	1.500e+05	2.613e+04
150	36	2.845e+04	1.555e+05	2.23e-03	-78.08	15.2	-3574.39	-412.24	988.88	6.786e+04	1.582e+05	2.184e+04
		2.009e+04	1.400e+05	1.09e-03	0.0	0.0	-2666.69	-349.69	932.05	6.660e+04	1.400e+05	2.845e+04
						7.6	-2660.18	-388.71	932.05	6.660e+04	1.478e+05	2.442e+04
150	52	2.407e+04	1.539e+05	2.26e-03	-78.08	15.2	-2653.66	-427.77	932.05	6.660e+04	1.555e+05	2.009e+04
		1.555e+04	1.393e+05	6.89e-04	0.0	0.0	-3085.28	-377.16	928.87	6.610e+04	1.393e+05	2.407e+04
						7.6	-3078.77	-416.18	928.87	6.610e+04	1.466e+05	1.996e+04
150	53	2.786e+04	1.643e+05	2.24e-03	-78.08	15.2	-3072.25	-455.24	928.87	6.610e+04	1.539e+05	1.555e+04
		1.964e+04	1.466e+05	9.38e-05	0.0	0.0	-7342.39	-334.35	1172.34	7.106e+04	1.466e+05	2.786e+04
						7.6	-7335.88	-373.37	1172.34	7.106e+04	1.555e+05	2.390e+04
150	65	2.336e+04	1.622e+05	2.26e-03	-78.08	15.2	-7329.36	-412.43	1172.34	7.106e+04	1.643e+05	1.964e+04
		1.496e+04	1.457e+05	-2.80e-04	0.0	0.0	-7634.51	-360.41	1159.22	7.049e+04	1.457e+05	2.336e+04
						7.6	-7628.00	-399.43	1159.22	7.049e+04	1.540e+05	1.931e+04
150	66	2.184e+04	1.598e+05	2.27e-03	-78.08	15.2	-7621.48	-438.49	1159.22	7.049e+04	1.622e+05	1.496e+04
		1.335e+04	1.441e+05	-2.21e-04	0.0	0.0	-6791.58	-374.62	1107.20	6.933e+04	1.441e+05	2.184e+04
						7.6	-6785.07	-413.64	1107.20	6.933e+04	1.519e+05	1.774e+04
150	67	2.975e+04	1.582e+05	2.23e-03	-78.08	15.2	-6778.56	-452.70	1107.20	6.933e+04	1.598e+05	1.335e+04
		2.147e+04	1.420e+05	9.73e-04	0.0	0.0	-3727.60	-335.95	994.05	6.792e+04	1.420e+05	2.975e+04
						7.6	-3721.08	-374.97	994.05	6.792e+04	1.501e+05	2.576e+04
150	68	2.823e+04	1.558e+05	2.24e-03	-78.08	15.2	-3714.57	-414.03	994.05	6.792e+04	1.582e+05	2.147e+04
		1.986e+04	1.403e+05	1.03e-03	0.0	0.0	-2884.67	-350.16	942.03	6.677e+04	1.403e+05	2.823e+04
						7.6	-2878.16	-389.18	942.03	6.677e+04	1.480e+05	2.419e+04
150	84	2.422e+04	1.543e+05	2.25e-03	-78.08	15.2	-2871.64	-428.24	942.03	6.677e+04	1.558e+05	1.986e+04
		1.571e+04	1.396e+05	6.63e-04	0.0	0.0	-3268.68	-375.30	939.15	6.632e+04	1.396e+05	2.422e+04
						7.6	-3262.17	-414.32	939.15	6.632e+04	1.470e+05	2.011e+04
150	85	2.769e+04	1.638e+05	2.24e-03	-78.08	15.2	-3255.65	-453.38	939.15	6.632e+04	1.543e+05	1.571e+04
		1.945e+04	1.463e+05	1.18e-04	0.0	0.0	-7166.65	-336.12	1162.07	7.085e+04	1.463e+05	2.769e+04
						7.6	-7160.14	-375.14	1162.07	7.085e+04	1.551e+05	2.372e+04
151	1	-1366.04	2.468e+05	4.65e-03	-156.93	15.2	-7153.62	-414.20	1162.07	7.085e+04	1.638e+05	1.945e+04
		-2.358e+04	1.885e+05	-1.69e-03	0.0	0.0	-1.158e+04	-508.07	1947.59	9.053e+04	1.885e+05	-1366.04
						15.2	-1.157e+04	-586.46	1947.59	9.053e+04	2.177e+05	-1.187e+04
151	2	-5116.45	2.350e+05	4.58e-03	-156.93	30.4	-1.156e+04	-665.00	1947.59	9.053e+04	2.468e+05	-2.358e+04
		-2.779e+04	1.809e+05	-1.44e-03	0.0	0.0	-9428.78	-544.54	1807.52	8.797e+04	1.809e+05	-5116.45
						15.2	-9415.70	-622.93	1807.52	8.797e+04	2.079e+05	-1.586e+04
151	3	1.459e+04	2.242e+05	5.04e-03	-156.93	30.4	-9402.59	-701.47	1807.52	8.797e+04	2.350e+05	-2.779e+04
		-8151.21	1.756e+05	4.01e-03	0.0	0.0	-2084.11	-440.08	1573.10	8.567e+04	1.756e+05	1.459e+04
						15.2	-2071.03	-518.47	1573.10	8.567e+04	1.999e+05	3815.42
151	4	1.084e+04	2.124e+05	4.97e-03	-156.93	30.4	-2057.92	-597.01	1573.10	8.567e+04	2.242e+05	-8151.21
		-1.236e+04	1.680e+05	4.27e-03	0.0	0.0	71.75	-476.55	1433.03	8.312e+04	1.680e+05	1.084e+04
						15.2	84.83	-554.94	1433.03	8.312e+04	1.902e+05	-166.57
151	21	9438.09	2.537e+05	4.90e-03	-156.93	30.4	97.94	-633.48	1433.03	8.312e+04	2.124e+05	-1.236e+04
		-1.244e+04	1.935e+05	1.34e-04	0.0	0.0	-1.059e+04	-444.74	1988.40	9.175e+04	1.935e+05	9438.09
						15.2	-1.058e+04	-523.12	1988.40	9.175e+04	2.236e+05	-905.53
151	24	35.76	2.055e+05	4.71e-03	-156.93	30.4	-1.056e+04	-601.67	1988.40	9.175e+04	2.537e+05	-1.244e+04
		-2.350e+04	1.630e+05	2.44e-03	0.0	0.0	-924.30	-539.88	1392.22	8.189e+04	1.630e+05	35.76
						15.2	-911.22	-618.27	1392.22	8.189e+04	1.842e+05	-1.114e+04
151	33	1817.21	2.377e+05	4.73e-03	-156.93	30.4	-898.12	-696.81	1392.22	8.189e+04	2.055e+05	-2.350e+04
		-2.066e+04	1.830e+05	-1.60e-04	0.0	0.0	-8524.79	-499.43	1812.00	8.854e+04	1.830e+05	1817.21
						15.2	-8511.71	-577.82	1812.00	8.854e+04	2.103e+05	-8823.82
151	34	86.78	2.322e+05	4.70e-03	-156.93	30.4	-8498.60	-656.36	1812.00	8.854e+04	2.377e+05	-2.066e+04
		-2.261e+04	1.795e+05	-8.13e-05	0.0	0.0	-7519.66	-516.14	1746.70	8.736e+04	1.795e+05	86.78
						15.2	-7506.58	-594.53	1746.70	8.736e+04	2.058e+05	-1.066e+04
151	35	9387.07	2.270e+05	4.91e-03	-156.93	30.4	-7493.47	-673.07	1746.70	8.736e+04	2.322e+05	-2.261e+04
		-1.333e+04	1.770e+05	2.59e-03	0.0	0.0	-3993.23	-468.48	1633.92	8.629e+04	1.770e+05	9387.07
						15.2	-3980.15	-546.87	1633.92	8.629e+04	2.020e+05	-1377.15
151	36	7656.64	2.215e+05	4.88e-03	-156.93	30.4	-3967.04	-625.41	1633.92	8.629e+04	2.270e+05	-1.333e+04
		-1.528e+04	1.735e+05	2.71e-03	0.0	0.0	-2988.10	-485.19	1568.62	8.510e+04	1.735e+05	7656.64
						15.2	-2975.01	-563.58	1568.62	8.510e+04	1.975e+05	-3217.70
151	53	6892.75	2.409e+05	4.85e-03	-156.93	30.4	-2961.91	-642.12	1568.62	8.510e+04	2.215e+05	-1.528e+04
		-1.542e+04	1.854e+05	7.40e-04	0.0	0.0	-8021.75	-470.45	1829.91	8.910e+04	1.854e+05	6892.75
						15.2	-8008.66	-548.84	1829.91	8.910e+04	2.131e+05	-3669.38
151	56	2581.11	2.183e+05	4.76e-03	-156.93	30.4	-7995.56	-627.38	1829.91	8.910e+04	2.409e+05	-1.542e+04
		-2.052e+04	1.711e+05	1.83e-03	0.0	0.0	-3491.14	-514.17	1550.71	8.454e+04	1.711e+05	2581.11
						15.2	-3478.06	-592.56	1550.71	8.454e+04	1.947e+05	-8372.13
151	65	2062.19	2.370e+05	4.74e-03	-156.93	30.4	-3464.95	-671.10	1550.71	8.454e+04	2.183e+05	-2.052e+04
		-2.043e+04	1.826e+05	-8.36e-05	0.0	0.0	-8292.05	-498.83	1801.76	8.840e+04	1.826e+05	2062.19
						15.2	-8278.97	-577.21	1801.76	8.840e+04	2.098e+05	-8588.68
151	66	478.41	2.320e+05	4.71e-03	-156.93	30.4	-8265.86	-655.75	1801.76	8.840e+04	2.370e+05	-2.043e+04
		-2.222e+04	1.794e+05	9.45e-05	0.0	0.0	-7371.85	-514.11	1741.98	8.731e+04	1.794e+05	478.41
						15.2	-7358.77	-592.50	1741.98	8.731e+04	2.057e+05	-1.027e+04
151	67	8995.44	2.273e+05	4.91e-03	-156.93	30.4	-7345.67	-671.04	1741.98	8.731e+04	2.320e+05	-2.222e+04
		-1.372e+04	1.771e+05	2.48e-03	0.0	0.0	-4141.03	-470.51	1638.64	8.633e+04	1.771e+05	8995.44
						15.2	-4127.95	-548.90	1638.64	8.633e+04	2.022e+05	-1768.19
151	68	7411.66	2.222e+05	4.88e-03	-156.93	30.4	-4114.85	-627.44	1638.64	8.633e+04	2.273e+05	-1.372e+04
						0.0	-3220.84	-485.80	1578.86	8.525e+04	1.739e+05	7411.66

			-1.551e+04	1.739e+05	2.59e-03	0.0	15.2	-3207.76	-564.18	1578.86	8.525e+04	1.980e+05	-3452.84
							30.4	-3194.65	-642.73	1578.86	8.525e+04	2.222e+05	-1.551e+04
151	85	6709.73	2.399e+05	4.85e-03	-156.93		0.0	-7830.61	-472.31	1818.12	8.891e+04	1.847e+05	6709.73
			-1.564e+04	1.847e+05	7.86e-04	0.0	15.2	-7817.53	-550.69	1818.12	8.891e+04	2.123e+05	-3868.87
							30.4	-7804.42	-629.23	1818.12	8.891e+04	2.399e+05	-1.564e+04
151	88	2764.12	2.193e+05	4.77e-03	-156.93		0.0	-3682.28	-512.32	1562.50	8.473e+04	1.717e+05	2764.12
			-2.030e+04	1.717e+05	1.79e-03	0.0	15.2	-3669.20	-590.70	1562.50	8.473e+04	1.955e+05	-8172.65
							30.4	-3656.09	-669.25	1562.50	8.473e+04	2.193e+05	-2.030e+04
152	1	-5.763e+04	3.758e+05	1.42e-03	-79.01		0.0	-1.280e+04	-842.42	3105.66	1.513e+05	3.289e+05	-5.763e+04
			-7.570e+04	3.289e+05	-2.46e-04	0.0	7.6	-1.280e+04	-881.91	3105.66	1.513e+05	3.524e+05	-6.651e+04
							15.2	-1.279e+04	-921.43	3105.66	1.513e+05	3.758e+05	-7.570e+04
152	4	-4.951e+04	3.076e+05	1.84e-03	-79.01		0.0	-209.13	-1162.34	2143.77	1.458e+05	2.747e+05	-4.951e+04
			-7.070e+04	2.747e+05	2.68e-03	0.0	7.6	-202.54	-1201.82	2143.77	1.458e+05	2.912e+05	-5.995e+04
							15.2	-195.94	-1241.35	2143.77	1.458e+05	3.076e+05	-7.070e+04
152	18	-6.327e+04	3.157e+05	1.35e-03	-79.01		0.0	-3994.66	-1058.77	2401.66	1.459e+05	2.792e+05	-6.327e+04
			-8.351e+04	2.792e+05	9.70e-04	0.0	7.6	-3988.07	-1098.25	2401.66	1.459e+05	2.974e+05	-7.324e+04
							15.2	-3981.48	-1137.78	2401.66	1.459e+05	3.157e+05	-8.351e+04
152	19	-4.387e+04	3.678e+05	1.91e-03	-79.01		0.0	-9017.34	-946.00	2847.78	1.511e+05	3.244e+05	-4.387e+04
			-6.288e+04	3.244e+05	1.47e-03	0.0	7.6	-9010.76	-985.48	2847.78	1.511e+05	3.461e+05	-5.322e+04
							15.2	-9004.16	-1025.00	2847.78	1.511e+05	3.678e+05	-6.288e+04
152	21	-4.720e+04	3.833e+05	1.79e-03	-79.01		0.0	-1.189e+04	-878.79	3065.10	1.522e+05	3.368e+05	-4.720e+04
			-6.577e+04	3.368e+05	6.90e-04	0.0	7.6	-1.189e+04	-918.27	3065.10	1.522e+05	3.601e+05	-5.634e+04
							15.2	-1.188e+04	-957.79	3065.10	1.522e+05	3.833e+05	-6.577e+04
152	24	-5.994e+04	3.001e+05	1.46e-03	-79.01		0.0	-1117.79	-1125.98	2184.34	1.449e+05	2.669e+05	-5.994e+04
			-8.062e+04	2.669e+05	1.75e-03	0.0	7.6	-1111.20	-1165.46	2184.34	1.449e+05	2.835e+05	-7.013e+04
							15.2	-1104.61	-1204.98	2184.34	1.449e+05	3.001e+05	-8.062e+04
152	33	-5.551e+04	3.578e+05	1.53e-03	-79.01		0.0	-9496.10	-927.10	2852.89	1.498e+05	3.146e+05	-5.551e+04
			-7.438e+04	3.146e+05	5.19e-04	0.0	7.6	-9489.51	-966.58	2852.89	1.498e+05	3.362e+05	-6.480e+04
							15.2	-9482.92	-1006.10	2852.89	1.498e+05	3.578e+05	-7.438e+04
152	36	-5.163e+04	3.256e+05	1.73e-03	-79.01		0.0	-3515.91	-1077.67	2396.54	1.472e+05	2.891e+05	-5.163e+04
			-7.201e+04	2.891e+05	1.92e-03	0.0	7.6	-3509.32	-1117.15	2396.54	1.472e+05	3.073e+05	-6.167e+04
							15.2	-3502.72	-1156.67	2396.54	1.472e+05	3.256e+05	-7.201e+04
152	50	-5.808e+04	3.296e+05	1.50e-03	-79.01		0.0	-5351.39	-1027.55	2521.92	1.473e+05	2.913e+05	-5.808e+04
			-7.798e+04	2.913e+05	1.10e-03	0.0	7.6	-5344.80	-1067.04	2521.92	1.473e+05	3.105e+05	-6.788e+04
							15.2	-5338.21	-1106.56	2521.92	1.473e+05	3.296e+05	-7.798e+04
152	51	-4.906e+04	3.538e+05	1.76e-03	-79.01		0.0	-7660.61	-977.21	2727.52	1.497e+05	3.123e+05	-4.906e+04
			-6.841e+04	3.123e+05	1.34e-03	0.0	7.6	-7654.03	-1016.69	2727.52	1.497e+05	3.331e+05	-5.858e+04
							15.2	-7647.43	-1056.22	2727.52	1.497e+05	3.538e+05	-6.841e+04
152	53	-5.063e+04	3.612e+05	1.70e-03	-79.01		0.0	-9031.67	-945.61	2831.04	1.502e+05	3.182e+05	-5.063e+04
			-6.976e+04	3.182e+05	9.67e-04	0.0	7.6	-9025.09	-985.09	2831.04	1.502e+05	3.397e+05	-6.004e+04
							15.2	-9018.49	-1024.61	2831.04	1.502e+05	3.612e+05	-6.976e+04
152	56	-5.651e+04	3.222e+05	1.55e-03	-79.01		0.0	-3980.33	-1059.16	2418.40	1.468e+05	2.855e+05	-5.651e+04
			-7.664e+04	2.855e+05	1.47e-03	0.0	7.6	-3973.74	-1098.64	2418.40	1.468e+05	3.039e+05	-6.642e+04
							15.2	-3967.15	-1138.16	2418.40	1.468e+05	3.222e+05	-7.664e+04
152	65	-5.535e+04	3.565e+05	1.53e-03	-79.01		0.0	-9244.69	-933.44	2833.70	1.497e+05	3.135e+05	-5.535e+04
			-7.428e+04	3.135e+05	5.78e-04	0.0	7.6	-9238.10	-972.92	2833.70	1.497e+05	3.350e+05	-6.467e+04
							15.2	-9231.51	-1012.45	2833.70	1.497e+05	3.565e+05	-7.428e+04
152	68	-5.179e+04	3.270e+05	1.72e-03	-79.01		0.0	-3767.31	-1071.32	2415.73	1.474e+05	2.901e+05	-5.179e+04
			-7.211e+04	2.901e+05	1.86e-03	0.0	7.6	-3760.73	-1110.81	2415.73	1.474e+05	3.085e+05	-6.180e+04
							15.2	-3754.13	-1150.33	2415.73	1.474e+05	3.270e+05	-7.211e+04
152	82	-5.770e+04	3.307e+05	1.51e-03	-79.01		0.0	-5449.34	-1025.40	2530.63	1.474e+05	2.922e+05	-5.770e+04
			-7.758e+04	2.922e+05	1.11e-03	0.0	7.6	-5442.75	-1064.88	2530.63	1.474e+05	3.114e+05	-6.749e+04
							15.2	-5436.16	-1104.41	2530.63	1.474e+05	3.307e+05	-7.758e+04
152	83	-4.944e+04	3.528e+05	1.75e-03	-79.01		0.0	-7562.66	-979.36	2718.80	1.496e+05	3.114e+05	-4.944e+04
			-6.881e+04	3.114e+05	1.33e-03	0.0	7.6	-7556.07	-1018.85	2718.80	1.496e+05	3.321e+05	-5.898e+04
							15.2	-7549.48	-1058.37	2718.80	1.496e+05	3.528e+05	-6.881e+04
152	85	-5.088e+04	3.595e+05	1.70e-03	-79.01		0.0	-8818.56	-950.43	2813.62	1.501e+05	3.168e+05	-5.088e+04
			-7.005e+04	3.168e+05	9.88e-04	0.0	7.6	-8811.97	-989.91	2813.62	1.501e+05	3.382e+05	-6.031e+04
							15.2	-8805.37	-1029.43	2813.62	1.501e+05	3.595e+05	-7.005e+04
152	88	-5.626e+04	3.239e+05	1.56e-03	-79.01		0.0	-4193.45	-1054.34	2435.81	1.470e+05	2.868e+05	-5.626e+04
			-7.635e+04	2.868e+05	1.45e-03	0.0	7.6	-4186.86	-1093.82	2435.81	1.470e+05	3.054e+05	-6.615e+04
							15.2	-4180.26	-1133.35	2435.81	1.470e+05	3.239e+05	-7.635e+04
153	1	-1.052e+05	4.219e+05	-5.50e-04	-158.79		0.0	-1.249e+04	-2068.85	-783.13	2.503e+05	4.219e+05	-1.052e+05
			-1.764e+05	3.975e+05	1.49e-03	0.0	15.2	-1.247e+04	-2148.16	-783.13	2.503e+05	4.097e+05	-1.402e+05
							30.4	-1.246e+04	-2227.63	-783.13	2.503e+05	3.975e+05	-1.764e+05
153	4	-1.027e+05	3.351e+05	7.05e-04	-158.79		0.0	517.34	-2706.83	-1468.88	2.582e+05	3.351e+05	-1.027e+05
			-2.051e+05	2.912e+05	7.05e-03	0.0	15.2	530.57	-2786.15	-1468.88	2.582e+05	3.131e+05	-1.533e+05
							30.4	543.83	-2865.62	-1468.88	2.582e+05	2.912e+05	-2.051e+05
153	20	-1.129e+05	3.297e+05	-6.38e-04	-158.79		0.0	-183.01	-2620.15	-1329.09	2.574e+05	3.297e+05	-1.129e+05
			-2.080e+05	2.899e+05	5.30e-03	0.0	15.2	-169.78	-2699.46	-1329.09	2.574e+05	3.098e+05	-1.598e+05
							30.4	-156.52	-2778.93	-1329.09	2.574e+05	2.899e+05	-2.080e+05
153	21	-9.527e+04	4.281e+05	7.48e-04	-158.79		0.0	-1.161e+04	-2183.87	-956.19	2.526e+05	4.281e+05	-9.527e+04
			-1.740e+05	3.987e+05	3.39e-03	0.0	15.2	-1.159e+04	-2263.18	-956.19	2.526e+05	4.134e+05	-1.340e+05
							30.4	-1.158e+04	-2342.65	-956.19	2.526e+05	3.987e+05	-1.740e+05
153	23	-9.235e+04	4.075e+05	8.65e-04	-158.79		0.0	-8824.99	-2291.57	-1075.56	2.517e+05	4.075e+05	-9.235e+04
			-1.790e+05	3.746e+05	4.72e-03	0.0	15.2	-8811.76	-2370.88	-1075.56	2.517e+05	3.910e+05	-1.351e+05
							30.4	-8798.50	-2450.35	-1075.56	2.517e+05	3.746e+05	-1.790e+05

153	33	-1.045e+05	3.990e+05	3.62e-04	-158.79	0.0	-9071.40	-2236.78	-962.79	2.524e+05	3.990e+05	-1.045e+05
		-1.840e+05	3.696e+05	2.94e-03	0.0	15.2	-9058.17	-2316.09	-962.79	2.524e+05	3.843e+05	-1.437e+05
						30.4	-9044.91	-2395.56	-962.79	2.524e+05	3.696e+05	-1.840e+05
153	36	-1.034e+05	3.580e+05	5.74e-04	-158.79	0.0	-2897.37	-2538.90	-1289.22	2.561e+05	3.580e+05	-1.034e+05
		-1.975e+05	3.192e+05	5.60e-03	0.0	15.2	-2884.14	-2618.22	-1289.22	2.561e+05	3.386e+05	-1.499e+05
						30.4	-2870.88	-2697.69	-1289.22	2.561e+05	3.192e+05	-1.975e+05
153	52	-1.081e+05	3.557e+05	3.80e-04	-158.79	0.0	-3262.86	-2495.97	-1221.55	2.557e+05	3.557e+05	-1.081e+05
		-1.988e+05	3.189e+05	4.76e-03	0.0	15.2	-3249.63	-2575.29	-1221.55	2.557e+05	3.373e+05	-1.528e+05
						30.4	-3236.36	-2654.76	-1221.55	2.557e+05	3.189e+05	-1.988e+05
153	53	-9.994e+04	4.017e+05	5.85e-04	-158.79	0.0	-8619.81	-2293.40	-1046.39	2.535e+05	4.017e+05	-9.994e+04
		-1.830e+05	3.698e+05	3.85e-03	0.0	15.2	-8606.58	-2372.71	-1046.39	2.535e+05	3.858e+05	-1.409e+05
						30.4	-8593.32	-2452.18	-1046.39	2.535e+05	3.698e+05	-1.830e+05
153	55	-9.861e+04	3.919e+05	6.32e-04	-158.79	0.0	-7294.95	-2344.23	-1103.23	2.531e+05	3.919e+05	-9.861e+04
		-1.853e+05	3.583e+05	4.48e-03	0.0	15.2	-7281.71	-2423.54	-1103.23	2.531e+05	3.751e+05	-1.414e+05
						30.4	-7268.45	-2503.01	-1103.23	2.531e+05	3.583e+05	-1.853e+05
153	65	-1.045e+05	3.973e+05	3.70e-04	-158.79	0.0	-8811.84	-2249.49	-976.51	2.532e+05	3.973e+05	-1.045e+05
		-1.846e+05	3.674e+05	3.05e-03	0.0	15.2	-8798.60	-2328.80	-976.51	2.526e+05	3.824e+05	-1.439e+05
						30.4	-8785.34	-2408.27	-976.51	2.526e+05	3.674e+05	-1.846e+05
153	68	-1.035e+05	3.597e+05	5.63e-04	-158.79	0.0	-3156.94	-2526.19	-1275.50	2.560e+05	3.597e+05	-1.035e+05
		-1.969e+05	3.213e+05	5.48e-03	0.0	15.2	-3143.70	-2605.51	-1275.50	2.560e+05	3.405e+05	-1.498e+05
						30.4	-3130.44	-2684.98	-1275.50	2.560e+05	3.213e+05	-1.969e+05
153	84	-1.078e+05	3.576e+05	3.86e-04	-158.79	0.0	-3492.45	-2486.83	-1213.50	2.556e+05	3.576e+05	-1.078e+05
		-1.981e+05	3.210e+05	4.72e-03	0.0	15.2	-3479.22	-2566.15	-1213.50	2.556e+05	3.393e+05	-1.523e+05
						30.4	-3465.96	-2645.62	-1213.50	2.556e+05	3.210e+05	-1.981e+05
153	85	-1.003e+05	3.998e+05	5.74e-04	-158.79	0.0	-8397.43	-2301.39	-1053.11	2.536e+05	3.998e+05	-1.003e+05
		-1.837e+05	3.677e+05	3.88e-03	0.0	15.2	-8384.20	-2380.71	-1053.11	2.536e+05	3.837e+05	-1.414e+05
						30.4	-8370.94	-2460.18	-1053.11	2.536e+05	3.677e+05	-1.837e+05
153	87	-9.907e+04	3.908e+05	6.17e-04	-158.79	0.0	-7183.88	-2347.94	-1105.18	2.532e+05	3.908e+05	-9.907e+04
		-1.858e+05	3.572e+05	4.46e-03	0.0	15.2	-7170.64	-2427.26	-1105.18	2.532e+05	3.740e+05	-1.418e+05
						30.4	-7157.38	-2506.73	-1105.18	2.532e+05	3.572e+05	-1.858e+05
154	2	-4545.16	2.926e+04	-0.02	-314.55	0.0	-1694.95	2094.05	-293.01	-1.150e+04	1.943e+04	-5.409e+04
		-5.409e+04	1.943e+04	-2.61e-03	0.0	12.3	-1701.34	1936.90	-293.01	-1.150e+04	2.434e+04	-2.835e+04
						24.6	-1707.74	1779.49	-293.01	-1.150e+04	2.926e+04	-4545.16
154	19	-1.933e+04	6.870e+04	-0.01	-314.55	0.0	-1713.71	2630.46	-700.45	5580.94	6.870e+04	-7.677e+04
		-7.677e+04	4.176e+04	1.46e-03	0.0	12.3	-1720.11	2473.31	-700.45	5580.94	5.523e+04	-4.708e+04
						24.6	-1726.51	2315.91	-700.45	5580.94	4.176e+04	-1.933e+04
154	21	-1.623e+04	6.555e+04	-0.01	-314.55	0.0	-2318.94	2559.91	-452.86	744.98	6.555e+04	-7.230e+04
		-7.230e+04	4.908e+04	7.61e-05	0.0	12.3	-2325.33	2402.76	-452.86	744.98	5.732e+04	-4.330e+04
						24.6	-2331.74	2245.35	-452.86	744.98	4.908e+04	-1.623e+04
154	24	-7748.91	2.199e+04	-0.02	-314.55	0.0	330.30	2054.05	-1031.77	-2374.70	2.199e+04	-5.778e+04
		-5.778e+04	1911.63	6.84e-04	0.0	12.3	323.91	1896.90	-1031.77	-2374.70	1.195e+04	-3.180e+04
						24.6	317.50	1739.50	-1031.77	-2374.70	1911.63	-7748.91
154	34	-8473.43	3.231e+04	-0.01	-314.55	0.0	-1330.94	2207.42	-527.08	-5863.86	3.231e+04	-5.987e+04
		-5.987e+04	2.725e+04	-1.05e-03	0.0	12.3	-1337.34	2050.27	-527.08	-5863.86	2.978e+04	-3.321e+04
						24.6	-1343.74	1892.87	-527.08	-5863.86	2.725e+04	-8473.43
154	41	-1.060e+04	5.027e+04	-0.01	-314.55	0.0	-1615.72	2296.17	-564.41	-3390.43	5.027e+04	-6.316e+04
		-6.316e+04	3.525e+04	-3.92e-04	0.0	12.3	-1622.11	2139.02	-564.41	-3390.43	4.276e+04	-3.591e+04
						24.6	-1628.51	1981.61	-564.41	-3390.43	3.525e+04	-1.060e+04
154	44	-1.338e+04	3.728e+04	-0.01	-314.55	0.0	-372.92	2317.80	-920.22	1760.71	3.728e+04	-6.693e+04
		-6.693e+04	1.574e+04	1.15e-03	0.0	12.3	-379.32	2160.64	-920.22	1760.71	2.651e+04	-3.919e+04
						24.6	-385.72	2003.24	-920.22	1760.71	1.574e+04	-1.338e+04
154	51	-1.541e+04	5.539e+04	-0.01	-314.55	0.0	-1324.26	2457.51	-725.41	2149.67	5.539e+04	-7.050e+04
		-7.050e+04	3.306e+04	8.96e-04	0.0	12.3	-1330.66	2300.36	-725.41	2149.67	4.422e+04	-4.199e+04
						24.6	-1337.06	2142.96	-725.41	2149.67	3.306e+04	-1.541e+04
154	56	-1.005e+04	3.365e+04	-0.01	-314.55	0.0	-376.97	2189.56	-877.16	-1492.01	3.365e+04	-6.170e+04
		-6.170e+04	1.448e+04	5.25e-04	0.0	12.3	-383.36	2032.41	-877.16	-1492.01	2.406e+04	-3.491e+04
						24.6	-389.77	1875.01	-877.16	-1492.01	1.448e+04	-1.005e+04
154	66	-8769.59	3.327e+04	-0.01	-314.55	0.0	-1302.73	2215.83	-545.14	-5438.78	3.327e+04	-6.031e+04
		-6.031e+04	2.710e+04	-9.29e-04	0.0	12.3	-1309.13	2058.68	-545.14	-5438.78	3.019e+04	-3.357e+04
						24.6	-1315.53	1901.28	-545.14	-5438.78	2.710e+04	-8769.59
154	73	-1.072e+04	4.972e+04	-0.01	-314.55	0.0	-1563.38	2297.07	-579.38	-3173.76	4.972e+04	-6.332e+04
		-6.332e+04	3.443e+04	-3.28e-04	0.0	12.3	-1569.77	2139.92	-579.38	-3173.76	4.208e+04	-3.605e+04
						24.6	-1576.18	1982.52	-579.38	-3173.76	3.443e+04	-1.072e+04
154	76	-1.326e+04	3.782e+04	-0.01	-314.55	0.0	-425.26	2316.89	-905.24	1544.05	3.782e+04	-6.677e+04
		-6.677e+04	1.656e+04	1.09e-03	0.0	12.3	-431.65	2159.74	-905.24	1544.05	2.719e+04	-3.905e+04
						24.6	-438.05	2002.34	-905.24	1544.05	1.656e+04	-1.326e+04
154	83	-1.512e+04	5.440e+04	-0.01	-314.55	0.0	-1296.25	2444.79	-726.90	1898.76	5.440e+04	-7.004e+04
		-7.004e+04	3.242e+04	8.52e-04	0.0	12.3	-1302.65	2287.64	-726.90	1898.76	4.341e+04	-4.161e+04
						24.6	-1309.05	2130.23	-726.90	1898.76	3.242e+04	-1.512e+04
154	88	-1.021e+04	3.450e+04	-0.01	-314.55	0.0	-429.15	2199.49	-865.76	-1433.62	3.450e+04	-6.198e+04
		-6.198e+04	1.541e+04	5.13e-04	0.0	12.3	-435.54	2042.34	-865.76	-1433.62	2.496e+04	-3.513e+04
						24.6	-441.94	1884.94	-865.76	-1433.62	1.541e+04	-1.021e+04
155	1	7.199e+04	2.211e+04	-0.01	-316.56	0.0	-3211.23	1669.39	-389.35	1853.04	2.211e+04	3.537e+04
		3.537e+04	9269.51	-2.39e-03	0.0	12.3	-3217.66	1511.23	-389.35	1853.04	1.569e+04	5.465e+04
						24.6	-3224.10	1352.82	-389.35	1853.04	9269.51	7.199e+04
155	4	7.055e+04	-1.016e+04	-0.01	-316.56	0.0	627.79	1759.91	-1152.14	1.503e+04	-1.016e+04	3.074e+04
		3.074e+04	-3.524e+04	3.27e-03	0.0	12.3	621.36	1601.76	-1152.14	1.503e+04	-2.270e+04	5.162e+04

						24.6	614.92	1443.35	-1152.14	1.503e+04	-3.524e+04	7.055e+04
155	9	7.097e+04	3.240e+04	-6.56e-03	-316.56	0.0	-2917.77	1690.63	-525.92	3782.34	3.240e+04	3.424e+04
		3.424e+04	1.824e+04	-1.08e-03	0.0	12.3	-2924.20	1532.47	-525.92	3782.34	2.532e+04	5.358e+04
						24.6	-2930.64	1374.07	-525.92	3782.34	1.824e+04	7.097e+04
155	12	7.157e+04	-2.045e+04	-0.02	-316.56	0.0	334.33	1738.67	-1015.57	1.310e+04	-2.045e+04	3.187e+04
		3.187e+04	-4.420e+04	1.97e-03	0.0	12.3	327.90	1580.52	-1015.57	1.310e+04	-3.233e+04	5.269e+04
						24.6	321.46	1422.11	-1015.57	1.310e+04	-4.420e+04	7.157e+04
155	18	8.562e+04	-1.014e+04	-0.02	-316.56	0.0	-800.98	1457.22	-823.49	3505.90	-1.014e+04	4.299e+04
		4.299e+04	-2.764e+04	-6.98e-04	0.0	12.3	-807.42	1299.07	-823.49	3505.90	-1.889e+04	6.528e+04
						24.6	-813.86	1140.66	-823.49	3505.90	-2.764e+04	8.562e+04
155	19	5.691e+04	2.209e+04	-0.01	-316.56	0.0	-1782.45	1972.08	-718.00	1.338e+04	2.209e+04	2.313e+04
		2.313e+04	1675.27	1.58e-03	0.0	12.3	-1788.88	1813.93	-718.00	1.338e+04	1.188e+04	4.099e+04
						24.6	-1795.33	1655.52	-718.00	1.338e+04	1675.27	5.691e+04
155	33	7.161e+04	1.353e+04	-0.01	-316.56	0.0	-2202.26	1692.94	-589.64	5300.08	1.353e+04	3.418e+04
		3.418e+04	-2468.37	-9.10e-04	0.0	12.3	-2208.70	1534.79	-589.64	5300.08	5529.14	5.387e+04
						24.6	-2215.14	1376.38	-589.64	5300.08	-2468.37	7.161e+04
155	36	7.092e+04	-1579.48	-0.01	-316.56	0.0	-381.17	1736.36	-951.85	1.158e+04	-1579.48	3.194e+04
		3.194e+04	-2.350e+04	1.79e-03	0.0	12.3	-387.60	1578.20	-951.85	1.158e+04	-1.254e+04	5.240e+04
						24.6	-394.05	1419.80	-951.85	1.158e+04	-2.350e+04	7.092e+04
155	41	7.113e+04	1.849e+04	-0.01	-316.56	0.0	-2060.17	1703.06	-655.09	6231.51	1.849e+04	3.364e+04
		3.364e+04	1812.03	-2.85e-04	0.0	12.3	-2066.61	1544.91	-655.09	6231.51	1.015e+04	5.336e+04
						24.6	-2073.05	1386.50	-655.09	6231.51	1812.03	7.113e+04
155	44	7.140e+04	-6538.07	-0.02	-316.56	0.0	-523.26	1726.24	-886.40	1.065e+04	-6538.07	3.248e+04
		3.248e+04	-2.778e+04	1.17e-03	0.0	12.3	-529.69	1568.08	-886.40	1.065e+04	-1.716e+04	5.291e+04
						24.6	-536.14	1409.68	-886.40	1.065e+04	-2.778e+04	7.140e+04
155	50	7.795e+04	-1520.31	-0.01	-316.56	0.0	-1071.87	1594.80	-793.50	6157.40	-1520.31	3.769e+04
		3.769e+04	-1.977e+04	-1.00e-04	0.0	12.3	-1078.30	1436.65	-793.50	6157.40	-1.064e+04	5.879e+04
						24.6	-1084.74	1278.24	-793.50	6157.40	-1.977e+04	7.795e+04
155	51	6.459e+04	1.347e+04	-0.01	-316.56	0.0	-1511.57	1834.50	-747.99	1.073e+04	1.347e+04	2.843e+04
		2.843e+04	-6197.50	9.85e-04	0.0	12.3	-1518.00	1676.34	-747.99	1.073e+04	3634.99	4.748e+04
						24.6	-1524.44	1517.94	-747.99	1.073e+04	-6197.50	6.459e+04
155	65	7.158e+04	1.289e+04	-0.01	-316.56	0.0	-2125.69	1694.76	-604.87	5563.92	1.289e+04	3.408e+04
		3.408e+04	-3353.60	-7.96e-04	0.0	12.3	-2132.12	1536.61	-604.87	5563.92	4767.77	5.381e+04
						24.6	-2138.57	1378.20	-604.87	5563.92	-3353.60	7.158e+04
155	68	7.095e+04	-941.96	-0.01	-316.56	0.0	-457.75	1734.54	-936.62	1.132e+04	-941.96	3.203e+04
		3.203e+04	-2.261e+04	1.68e-03	0.0	12.3	-464.18	1576.38	-936.62	1.132e+04	-1.178e+04	5.247e+04
						24.6	-470.62	1417.97	-936.62	1.132e+04	-2.261e+04	7.095e+04
155	73	7.114e+04	1.743e+04	-0.01	-316.56	0.0	-1995.48	1704.03	-664.83	6417.38	1.743e+04	3.359e+04
		3.359e+04	567.42	-2.24e-04	0.0	12.3	-2001.91	1545.88	-664.83	6417.38	8999.95	5.334e+04
						24.6	-2008.36	1387.47	-664.83	6417.38	567.42	7.114e+04
155	76	7.139e+04	-5485.32	-0.02	-316.56	0.0	-587.95	1725.27	-876.66	1.047e+04	-5485.32	3.253e+04
		3.253e+04	-2.653e+04	1.11e-03	0.0	12.3	-594.39	1567.11	-876.66	1.047e+04	-1.601e+04	5.293e+04
						24.6	-600.83	1408.71	-876.66	1.047e+04	-2.653e+04	7.139e+04
155	82	7.739e+04	-886.54	-0.01	-316.56	0.0	-1090.66	1604.94	-791.53	6350.82	-886.54	3.729e+04
		3.729e+04	-1.919e+04	-5.46e-05	0.0	12.3	-1097.09	1446.78	-791.53	6350.82	-1.004e+04	5.831e+04
						24.6	-1103.53	1288.37	-791.53	6350.82	-1.919e+04	7.739e+04
155	83	6.515e+04	1.283e+04	-0.01	-316.56	0.0	-1492.78	1824.37	-749.95	1.053e+04	1.283e+04	2.882e+04
		2.882e+04	-6772.07	9.40e-04	0.0	12.3	-1499.21	1666.21	-749.95	1.053e+04	3030.82	4.796e+04
						24.6	-1505.66	1507.80	-749.95	1.053e+04	-6772.07	6.515e+04
156	1	1.152e+05	-1545.21	-9.15e-03	-318.58	0.0	-3976.33	1157.63	-311.93	2942.30	-1545.21	9.195e+04
		9.195e+04	-1.043e+04	-2.39e-03	0.0	12.3	-3982.80	998.47	-311.93	2942.30	-5987.86	1.046e+05
						24.6	-3989.29	839.05	-311.93	2942.30	-1.043e+04	1.152e+05
156	4	1.418e+05	-5.876e+04	-0.01	-318.58	0.0	896.46	1247.15	-879.14	1.397e+04	-5.876e+04	1.140e+05
		1.140e+05	-7.916e+04	3.08e-03	0.0	12.3	889.99	1087.99	-879.14	1.397e+04	-6.896e+04	1.289e+05
						24.6	883.50	928.57	-879.14	1.397e+04	-7.916e+04	1.418e+05
156	9	1.166e+05	4756.96	-9.26e-03	-318.58	0.0	-3407.92	1175.83	-442.37	4337.88	4756.96	9.313e+04
		9.313e+04	-7003.23	-1.06e-03	0.0	12.3	-3414.40	1016.67	-442.37	4337.88	-1123.14	1.058e+05
						24.6	-3420.88	857.25	-442.37	4337.88	-7003.23	1.166e+05
156	12	1.404e+05	-6.506e+04	-0.01	-318.58	0.0	328.05	1228.95	-748.70	1.258e+04	-6.506e+04	1.128e+05
		1.128e+05	-8.259e+04	1.74e-03	0.0	12.3	321.58	1069.79	-748.70	1.258e+04	-7.383e+04	1.276e+05
						24.6	315.09	910.37	-748.70	1.258e+04	-8.259e+04	1.404e+05
156	17	1.053e+05	-3321.43	-8.59e-03	-318.58	0.0	-3166.87	1330.51	-400.20	8664.04	-3321.43	8.364e+04
		8.364e+04	-1.581e+04	-1.78e-04	0.0	12.3	-3173.35	1171.35	-400.20	8664.04	-9567.12	9.547e+04
						24.6	-3179.83	1011.94	-400.20	8664.04	-1.581e+04	1.053e+05
156	20	1.517e+05	-5.699e+04	-0.01	-318.58	0.0	87.00	1074.27	-790.88	8248.99	-5.699e+04	1.223e+05
		1.223e+05	-7.378e+04	8.61e-04	0.0	12.3	80.53	915.11	-790.88	8248.99	-6.538e+04	1.380e+05
						24.6	74.05	755.69	-790.88	8248.99	-7.378e+04	1.517e+05
156	33	1.223e+05	-1.659e+04	-9.64e-03	-318.58	0.0	-2696.79	1180.90	-460.97	5824.47	-1.659e+04	9.784e+04
		9.784e+04	-2.848e+04	-9.67e-04	0.0	12.3	-2703.27	1021.74	-460.97	5824.47	-2.254e+04	1.111e+05
						24.6	-2709.75	862.32	-460.97	5824.47	-2.848e+04	1.223e+05
156	36	1.347e+05	-4.372e+04	-0.01	-318.58	0.0	-383.08	1223.88	-730.10	1.109e+04	-4.372e+04	1.081e+05
		1.081e+05	-6.111e+04	1.65e-03	0.0	12.3	-389.55	1064.72	-730.10	1.109e+04	-5.241e+04	1.224e+05
						24.6	-396.04	905.30	-730.10	1.109e+04	-6.111e+04	1.347e+05
156	41	1.230e+05	-1.360e+04	-9.70e-03	-318.58	0.0	-2422.94	1189.63	-523.38	6497.58	-1.360e+04	9.839e+04
		9.839e+04	-2.688e+04	-3.26e-04	0.0	12.3	-2429.41	1030.47	-523.38	6497.58	-2.024e+04	1.117e+05
						24.6	-2435.90	871.05	-523.38	6497.58	-2.688e+04	1.230e+05
156	44	1.341e+05	-4.670e+04	-0.01	-318.58	0.0	-656.93	1215.15	-667.70	1.042e+04	-4.670e+04	1.075e+05

		1.075e+05-6.272e+04	1.01e-03	0.0	12.3	-663.41	1055.99	-667.70	1.042e+04-5.471e+04	1.218e+05
					24.6	-669.89	896.58	-667.70	1.042e+04-6.272e+04	1.341e+05
156	49	1.177e+05-1.758e+04	-9.39e-03	-318.58	0.0	-2299.78	1261.69	-504.35	8511.47-1.758e+04	9.397e+04
		9.397e+04-3.121e+04	8.98e-05	0.0	12.3	-2306.26	1102.53	-504.35	8511.47-2.440e+04	1.068e+05
					24.6	-2312.74	943.11	-504.35	8511.47-3.121e+04	1.177e+05
156	52	1.393e+05-4.272e+04	-0.01	-318.58	0.0	-780.09	1143.10	-686.73	8401.55-4.272e+04	1.120e+05
		1.120e+05-5.839e+04	5.94e-04	0.0	12.3	-786.56	983.93	-686.73	8401.55-5.056e+04	1.266e+05
					24.6	-793.05	824.52	-686.73	8401.55-5.839e+04	1.393e+05
156	65	1.229e+05-1.773e+04	-9.68e-03	-318.58	0.0	-2599.53	1182.70	-472.29	6045.46-1.773e+04	9.827e+04
		9.827e+04-2.985e+04	-8.57e-04	0.0	12.3	-2606.00	1023.54	-472.29	6045.46-2.379e+04	1.115e+05
					24.6	-2612.48	864.13	-472.29	6045.46-2.985e+04	1.229e+05
156	68	1.342e+05-4.258e+04	-0.01	-318.58	0.0	-480.35	1222.08	-718.79	1.087e+04-4.258e+04	1.137e+05
		1.077e+05-5.974e+04	1.54e-03	0.0	12.3	-486.82	1062.92	-718.79	1.087e+04-5.116e+04	1.219e+05
					24.6	-493.30	903.50	-718.79	1.087e+04-5.974e+04	1.342e+05
156	73	1.234e+05-1.500e+04	-9.73e-03	-318.58	0.0	-2348.61	1190.70	-529.46	6662.20-1.500e+04	9.878e+04
		9.878e+04-2.839e+04	-2.70e-04	0.0	12.3	-2355.08	1031.54	-529.46	6662.20-2.169e+04	1.121e+05
					24.6	-2361.57	872.12	-529.46	6662.20-2.839e+04	1.234e+05
156	76	1.336e+05-4.531e+04	-0.01	-318.58	0.0	-731.26	1214.09	-661.62	1.025e+04-4.531e+04	1.072e+05
		1.072e+05-6.121e+04	9.53e-04	0.0	12.3	-737.74	1054.92	-661.62	1.025e+04-5.326e+04	1.214e+05
					24.6	-744.22	895.51	-661.62	1.025e+04-6.121e+04	1.336e+05
156	81	1.186e+05-1.864e+04	-9.45e-03	-318.58	0.0	-2235.60	1256.67	-512.05	8505.85-1.864e+04	9.473e+04
		9.473e+04-3.235e+04	1.11e-04	0.0	12.3	-2242.08	1097.50	-512.05	8505.85-2.550e+04	1.077e+05
					24.6	-2248.56	938.09	-512.05	8505.85-3.235e+04	1.186e+05
156	84	1.384e+05-4.166e+04	-0.01	-318.58	0.0	-844.27	1148.12	-679.02	8407.17-4.166e+04	1.112e+05
		1.112e+05-5.724e+04	5.72e-04	0.0	12.3	-850.74	988.95	-679.02	8407.17-4.945e+04	1.258e+05
					24.6	-857.23	829.54	-679.02	8407.17-5.724e+04	1.384e+05
157	1	1.440e+05-1.729e+04	-4.29e-03	-320.60	0.0	-4509.20	649.65	-201.06	315.73-1.729e+04	1.324e+05
		1.324e+05-2.178e+04	-2.48e-03	0.0	12.3	-4515.72	489.47	-201.06	315.73-1.954e+04	1.392e+05
					24.6	-4522.24	329.05	-201.06	315.73-2.178e+04	1.440e+05
157	4	1.776e+05-9.561e+04	-5.16e-03	-320.60	0.0	1164.72	738.60	-482.21	9851.12-9.561e+04	1.630e+05
		1.630e+05-1.079e+05	2.72e-03	0.0	12.3	1158.21	578.43	-482.21	9851.12-1.018e+05	1.713e+05
					24.6	1151.68	418.00	-482.21	9851.12-1.079e+05	1.776e+05
157	9	1.457e+05-1.652e+04	-4.35e-03	-320.60	0.0	-3673.43	663.74	-304.96	1408.38-1.652e+04	1.340e+05
		1.340e+05-2.343e+04	-1.13e-03	0.0	12.3	-3679.95	503.56	-304.96	1408.38-1.997e+04	1.409e+05
					24.6	-3686.47	343.14	-304.96	1408.38-2.343e+04	1.457e+05
157	17	1.325e+05-2.573e+04	-4.15e-03	-320.60	0.0	-3443.42	755.07	-383.87	4931.59-2.573e+04	1.214e+05
		1.214e+05-3.291e+04	-3.03e-04	0.0	12.3	-3449.94	594.90	-383.87	4931.59-2.932e+04	1.279e+05
					24.6	-3456.46	434.47	-383.87	4931.59-3.291e+04	1.325e+05
157	20	1.891e+05-8.716e+04	-5.30e-03	-320.60	0.0	98.95	633.18	-299.40	5235.25-8.716e+04	1.741e+05
		1.741e+05-9.678e+04	5.49e-04	0.0	12.3	92.43	473.00	-299.40	5235.25-9.197e+04	1.826e+05
					24.6	85.90	312.58	-299.40	5235.25-9.678e+04	1.891e+05
157	33	1.530e+05-3.785e+04	-4.52e-03	-320.60	0.0	-3019.66	672.71	-274.29	2803.88-3.785e+04	1.406e+05
		1.406e+05-4.438e+04	-1.12e-03	0.0	12.3	-3026.18	512.54	-274.29	2803.88-4.111e+04	1.478e+05
					24.6	-3032.71	352.11	-274.29	2803.88-4.438e+04	1.530e+05
157	36	1.687e+05-7.505e+04	-4.93e-03	-320.60	0.0	-324.81	715.53	-408.98	7362.96-7.505e+04	1.549e+05
		1.549e+05-8.531e+04	1.37e-03	0.0	12.3	-331.33	555.36	-408.98	7362.96-8.018e+04	1.627e+05
					24.6	-337.86	394.93	-408.98	7362.96-8.531e+04	1.687e+05
157	41	1.538e+05-3.752e+04	-4.55e-03	-320.60	0.0	-2617.97	679.51	-323.94	3330.27-3.752e+04	1.414e+05
		1.414e+05-4.521e+04	-4.77e-04	0.0	12.3	-2624.49	519.34	-323.94	3330.27-4.137e+04	1.486e+05
					24.6	-2631.01	358.91	-323.94	3330.27-4.521e+04	1.538e+05
157	49	1.476e+05-4.204e+04	-4.46e-03	-320.60	0.0	-2499.23	722.00	-360.35	4980.74-4.204e+04	1.355e+05
		1.355e+05-4.987e+04	-8.55e-05	0.0	12.3	-2505.75	561.83	-360.35	4980.74-4.596e+04	1.425e+05
					24.6	-2512.27	401.40	-360.35	4980.74-4.987e+04	1.476e+05
157	52	1.740e+05-7.085e+04	-5.00e-03	-320.60	0.0	-845.25	666.24	-322.92	5186.11-7.085e+04	1.600e+05
		1.600e+05-7.983e+04	3.31e-04	0.0	12.3	-851.76	506.07	-322.92	5186.11-7.534e+04	1.680e+05
					24.6	-858.29	345.64	-322.92	5186.11-7.983e+04	1.740e+05
157	65	1.536e+05-3.941e+04	-4.54e-03	-320.60	0.0	-2906.38	674.51	-279.94	2995.19-3.941e+04	1.412e+05
		1.412e+05-4.610e+04	-1.02e-03	0.0	12.3	-2912.90	514.33	-279.94	2995.19-4.018e+04	1.484e+05
					24.6	-2919.42	353.91	-279.94	2995.19-4.610e+04	1.536e+05
157	68	1.680e+05-7.349e+04	-4.92e-03	-320.60	0.0	-438.10	713.74	-403.33	7171.66-7.349e+04	1.543e+05
		1.543e+05-8.359e+04	1.26e-03	0.0	12.3	-444.61	553.57	-403.33	7171.66-7.854e+04	1.621e+05
					24.6	-451.14	393.14	-403.33	7171.66-8.359e+04	1.680e+05
157	73	1.544e+05-3.911e+04	-4.57e-03	-320.60	0.0	-2538.35	680.74	-325.43	3477.48-3.911e+04	1.419e+05
		1.419e+05-4.687e+04	-4.27e-04	0.0	12.3	-2544.87	520.56	-325.43	3477.48-4.299e+04	1.491e+05
					24.6	-2551.39	360.14	-325.43	3477.48-4.687e+04	1.544e+05
157	81	1.487e+05-4.326e+04	-4.48e-03	-320.60	0.0	-2429.37	719.63	-358.74	4988.67-4.326e+04	1.365e+05
		1.365e+05-5.113e+04	-6.81e-05	0.0	12.3	-2435.89	559.46	-358.74	4988.67-4.720e+04	1.436e+05
					24.6	-2442.42	399.03	-358.74	4988.67-5.113e+04	1.487e+05
157	84	1.729e+05-6.964e+04	-4.97e-03	-320.60	0.0	-915.10	668.61	-324.53	5178.17-6.964e+04	1.590e+05
		1.590e+05-7.856e+04	3.14e-04	0.0	12.3	-921.62	508.44	-324.53	5178.17-7.410e+04	1.669e+05
					24.6	-928.14	348.01	-324.53	5178.17-7.856e+04	1.729e+05
158	1	1.510e+05-2.279e+04	1.44e-03	-322.62	0.0	-4731.99	143.59	28.69	-3263.43-2.369e+04	1.500e+05
		1.500e+05-2.369e+04	-2.60e-03	0.0	12.3	-4738.55	-17.60	28.69	-3263.43-2.324e+04	1.510e+05
					24.6	-4745.12	-179.04	28.69	-3263.43-2.279e+04	1.501e+05
158	4	1.867e+05-1.160e+05	1.82e-03	-322.62	0.0	1417.08	221.77	-147.81	4870.84-1.160e+05	1.852e+05
		1.852e+05-1.198e+05	2.28e-03	0.0	12.3	1410.52	60.58	-147.81	4870.84-1.179e+05	1.866e+05
					24.6	1403.96	-100.86	-147.81	4870.84-1.198e+05	1.861e+05

158	17	1.398e+05-3.723e+04 1.384e+05-3.855e+04	1.13e-03 -4.91e-04	-322.62 0.0	0.0 12.3	-3517.30 -3523.85	213.94 52.75	-108.37 -108.37	714.86-3.723e+04 714.86-3.789e+04	1.384e+05 1.398e+05
					24.6	-3530.42	-108.69	-108.37	714.86-3.855e+04	1.392e+05
158	20	1.979e+05-1.024e+05 1.968e+05-1.040e+05	2.13e-03 1.66e-04	-322.62 0.0	0.0 12.3	202.38 195.83	151.42 -9.77	-10.75 -10.75	892.54-1.024e+05 892.54-1.032e+05	1.968e+05 1.979e+05
					24.6	189.26	-171.20	-10.75	892.54-1.040e+05	1.970e+05
158	33	1.605e+05-4.790e+04 1.594e+05-4.823e+04	1.54e-03 -1.33e-03	-322.62 0.0	0.0 12.3	-3117.75 -3124.30	163.79 2.61	-17.31 -17.31	-1143.78-4.790e+04 -1143.78-4.806e+04	1.594e+05 1.605e+05
					24.6	-3130.87	-158.83	-17.31	-1143.78-4.823e+04	1.597e+05
158	36	1.772e+05-9.176e+04 1.758e+05-9.435e+04	1.72e-03 1.01e-03	-322.62 0.0	0.0 12.3	-197.17 -203.73	201.56 40.38	-101.81 -101.81	2751.19-9.176e+04 2751.19-9.306e+04	1.758e+05 1.771e+05
					24.6	-210.29	-121.06	-101.81	2751.19-9.435e+04	1.765e+05
158	49	1.553e+05-5.454e+04 1.540e+05-5.594e+04	1.39e-03 -3.25e-04	-322.62 0.0	0.0 12.3	-2525.54 -2532.10	196.61 35.42	-81.75 -81.75	738.30-5.454e+04 738.30-5.524e+04	1.540e+05 1.553e+05
					24.6	-2538.67	-126.02	-81.75	738.30-5.594e+04	1.546e+05
158	52	1.824e+05-8.512e+04 1.812e+05-8.665e+04	1.86e-03 2.04e-05	-322.62 0.0	0.0 12.3	-789.37 -795.93	168.75 7.56	-37.37 -37.37	869.11-8.512e+04 869.11-8.588e+04	1.812e+05 1.823e+05
					24.6	-802.50	-153.88	-37.37	869.11-8.665e+04	1.816e+05
158	65	1.612e+05-4.974e+04 1.601e+05-5.017e+04	1.55e-03 -1.23e-03	-322.62 0.0	0.0 12.3	-2994.97 -3001.53	165.37 4.19	-20.85 -20.85	-980.41-4.974e+04 -980.41-5.017e+04	1.601e+05 1.604e+05
					24.6	-3008.10	-157.25	-20.85	-980.41-5.017e+04	1.604e+05
158	68	1.765e+05-8.992e+04 1.751e+05-9.242e+04	1.71e-03 9.07e-04	-322.62 0.0	0.0 12.3	-319.94 -326.50	199.98 38.80	-98.27 -98.27	2587.82-8.992e+04 2587.82-9.117e+04	1.751e+05 1.764e+05
					24.6	-333.06	-122.64	-98.27	2587.82-9.242e+04	1.758e+05
158	81	1.565e+05-5.583e+04 1.551e+05-5.724e+04	1.41e-03 -3.11e-04	-322.62 0.0	0.0 12.3	-2452.21 -2458.76	195.42 34.23	-79.86 -79.86	743.27-5.583e+04 743.27-5.653e+04	1.551e+05 1.564e+05
					24.6	-2465.33	-127.21	-79.86	743.27-5.724e+04	1.558e+05
158	84	1.812e+05-8.383e+04 1.800e+05-8.535e+04	1.84e-03 1.38e-05	-322.62 0.0	0.0 12.3	-862.71 -869.26	169.94 8.75	-39.26 -39.26	864.14-8.383e+04 864.14-8.459e+04	1.800e+05 1.812e+05
					24.6	-875.83	-152.69	-39.26	864.14-8.535e+04	1.804e+05
159	1	1.595e+05-1.235e+04 1.468e+05-1.911e+04	7.18e-03 -2.72e-03	-324.55 0.0	0.0 12.3	-4634.40 -4641.00	-347.38 -509.58	273.77 273.77	-6086.52-1.911e+04 -6086.52-1.573e+04	1.595e+05 1.542e+05
					24.6	-4647.61	-671.93	273.77	-6086.52-1.235e+04	1.468e+05
159	4	1.652e+05-1.146e+05 1.540e+05-1.192e+05	8.87e-03 1.80e-03	-324.55 0.0	0.0 12.3	1657.82 1651.23	-306.67 -468.87	191.50 191.50	625.34-1.192e+05 625.34-1.169e+05	1.652e+05 1.606e+05
					24.6	1644.62	-631.22	191.50	625.34-1.146e+05	1.540e+05
159	18	1.350e+05-6.765e+04 1.255e+05-7.493e+04	9.34e-03 -1.67e-03	-324.55 0.0	0.0 12.3	-1321.89 -1328.49	-450.23 -612.43	347.65 347.65	-5553.43-7.493e+04 -5553.43-7.129e+04	1.350e+05 1.312e+05
					24.6	-1335.09	-774.78	347.65	-5553.43-6.765e+04	1.255e+05
159	19	1.897e+05-5.927e+04 1.753e+05-6.342e+04	6.71e-03 7.55e-04	-324.55 0.0	0.0 12.3	-1654.69 -1661.28	-203.83 -366.03	117.63 117.63	92.25-6.342e+04 92.25-6.135e+04	1.897e+05 1.835e+05
					24.6	-1667.89	-528.38	117.63	92.25-5.927e+04	1.753e+05
159	33	1.610e+05-3.915e+04 1.487e+05-4.537e+04	7.63e-03 -1.54e-03	-324.55 0.0	0.0 12.3	-2982.48 -2989.08	-336.83 -499.03	252.31 252.31	-4337.45-4.537e+04 -4337.45-4.226e+04	1.610e+05 1.558e+05
					24.6	-2995.68	-661.38	252.31	-4337.45-3.915e+04	1.487e+05
159	36	1.637e+05-8.776e+04 1.521e+05-9.298e+04	8.41e-03 6.24e-04	-324.55 0.0	0.0 12.3	5.90 -0.70	-317.22 -479.42	212.96 212.96	-1123.73-9.298e+04 -1123.73-9.037e+04	1.637e+05 1.589e+05
					24.6	-7.30	-641.77	212.96	-1123.73-8.776e+04	1.521e+05
159	37	1.606e+05-3.915e+04 1.483e+05-4.539e+04	7.65e-03 -1.55e-03	-324.55 0.0	0.0 12.3	-2970.03 -2976.62	-338.50 -500.70	253.58 253.58	-4365.73-4.539e+04 -4365.73-4.227e+04	1.606e+05 1.555e+05
					24.6	-2983.23	-663.05	253.58	-4365.73-3.915e+04	1.483e+05
159	50	1.496e+05-6.519e+04 1.388e+05-7.166e+04	8.64e-03 -1.03e-03	-324.55 0.0	0.0 12.3	-1427.86 -1434.46	-384.40 -546.60	286.33 286.33	-4044.84-7.166e+04 -4044.84-6.842e+04	1.496e+05 1.452e+05
					24.6	-1441.06	-708.95	286.33	-4044.84-6.519e+04	1.388e+05
159	51	1.751e+05-6.172e+04 1.620e+05-6.670e+04	7.41e-03 1.14e-04	-324.55 0.0	0.0 12.3	-1548.72 -1555.32	-269.66 -431.86	178.95 178.95	-1416.34-6.670e+04 -1416.34-6.421e+04	1.751e+05 1.696e+05
					24.6	-1561.92	-594.20	178.95	-1416.34-6.172e+04	1.620e+05
159	65	1.611e+05-4.120e+04 1.488e+05-4.737e+04	7.67e-03 -1.45e-03	-324.55 0.0	0.0 12.3	-2856.86 -2863.46	-336.01 -498.21	250.66 250.66	-4202.65-4.737e+04 -4202.65-4.428e+04	1.611e+05 1.560e+05
					24.6	-2870.06	-660.56	250.66	-4202.65-4.120e+04	1.488e+05
159	68	1.636e+05-8.572e+04 1.520e+05-9.098e+04	8.38e-03 5.33e-04	-324.55 0.0	0.0 12.3	-119.72 -126.32	-318.04 -480.24	214.61 214.61	-1258.53-9.098e+04 -1258.53-8.835e+04	1.636e+05 1.588e+05
					24.6	-132.92	-642.59	214.61	-1258.53-8.572e+04	1.520e+05
159	69	1.608e+05-4.119e+04 1.485e+05-4.739e+04	7.69e-03 -1.46e-03	-324.55 0.0	0.0 12.3	-2845.48 -2852.07	-337.54 -499.74	251.82 251.82	-4228.50-4.739e+04 -4228.50-4.429e+04	1.608e+05 1.556e+05
					24.6	-2858.68	-662.09	251.82	-4228.50-4.119e+04	1.485e+05
159	82	1.507e+05-6.504e+04 1.398e+05-7.144e+04	8.58e-03 -9.85e-04	-324.55 0.0	0.0 12.3	-1433.37 -1439.97	-379.55 -541.75	281.79 281.79	-3933.74-7.144e+04 -3933.74-6.824e+04	1.507e+05 1.462e+05
					24.6	-1446.57	-704.10	281.79	-3933.74-6.504e+04	1.398e+05
159	83	1.740e+05-6.188e+04 1.610e+05-6.691e+04	7.46e-03 6.61e-05	-324.55 0.0	0.0 12.3	-1543.21 -1549.81	-274.51 -436.71	183.48 183.48	-1527.44-6.691e+04 -1527.44-6.440e+04	1.740e+05 1.685e+05
					24.6	-1556.41	-599.05	183.48	-1527.44-6.188e+04	1.610e+05
160	1	1.281e+05 1.091e+04 1.025e+05 -2260.18	0.01 -2.79e-03	-322.72 0.0	0.0 12.3	-4234.94 -4241.51	-854.42 -1015.93	531.20 531.20	-5750.69 -2260.18 -5750.69 4322.53	1.281e+05 1.163e+05
					24.6	-4248.07	-1177.14	531.20	-5750.69 1.091e+04	1.025e+05
160	4	1.363e+05-9.459e+04 1.127e+05-1.062e+05	0.01 1.37e-03	-322.72 0.0	0.0 12.3	1867.30 1860.73	-827.98 -989.49	476.01 476.01	-63.31-1.062e+05 -63.31-1.004e+05	1.363e+05 1.255e+05

160	5	1.275e+05	1.093e+04	0.01	-322.72	24.6	1854.17	-1150.70	476.01	-63.31	-9.459e+04	1.127e+05
		1.021e+05	-2237.70	-2.82e-03	0.0	0.0	-4205.61	-860.46	534.70	-5885.66	-2237.70	1.275e+05
160	8	1.369e+05	-9.461e+04	0.01	-322.72	12.3	-4212.18	-1021.97	534.70	-5885.66	4343.73	1.158e+05
		1.132e+05	-1.062e+05	1.40e-03	0.0	24.6	-4218.74	-1183.18	534.70	-5885.66	1.093e+04	1.021e+05
160	18	1.110e+05	-4.310e+04	0.02	-322.72	0.0	1837.97	-821.94	472.52	71.66	-1.062e+05	1.369e+05
		9.057e+04	-5.687e+04	-1.91e-03	0.0	12.3	1831.40	-983.45	472.52	71.66	-1.004e+05	1.260e+05
160	19	1.535e+05	-4.058e+04	0.01	-322.72	24.6	1824.84	-1144.67	472.52	71.66	-9.461e+04	1.132e+05
		1.247e+05	-5.159e+04	4.92e-04	0.0	0.0	-1041.99	-1035.41	630.67	-6131.59	-5.687e+04	1.110e+05
160	33	1.303e+05	-1.675e+04	0.01	-322.72	12.3	-1048.56	-1196.92	630.67	-6131.59	-4.999e+04	1.018e+05
		1.052e+05	-2.951e+04	-1.71e-03	0.0	24.6	-1055.12	-1358.13	630.67	-6131.59	-4.310e+04	9.057e+04
160	36	1.342e+05	-6.693e+04	0.01	-322.72	0.0	-1325.64	-646.99	376.55	317.60	-5.159e+04	1.535e+05
		1.101e+05	-7.895e+04	2.84e-04	0.0	12.3	-1332.21	-808.50	376.55	317.60	-4.609e+04	1.401e+05
160	37	1.300e+05	-1.673e+04	0.01	-322.72	24.6	-1338.77	-969.71	376.55	317.60	-4.058e+04	1.247e+05
		1.050e+05	-2.949e+04	-1.72e-03	0.0	0.0	-2632.73	-847.45	516.82	-4257.28	-2.951e+04	1.303e+05
160	40	1.345e+05	-6.695e+04	0.01	-322.72	12.3	-2639.30	-1008.95	516.82	-4257.28	-2.313e+04	1.187e+05
		1.103e+05	-7.897e+04	2.99e-04	0.0	24.6	-2645.86	-1170.17	516.82	-4257.28	-1.675e+04	1.052e+05
160	50	1.223e+05	-4.218e+04	0.01	-322.72	0.0	265.09	-834.96	490.40	-1556.72	-7.895e+04	1.342e+05
		9.968e+04	-5.522e+04	-1.28e-03	0.0	12.3	258.52	-996.46	490.40	-1556.72	-7.294e+04	1.231e+05
160	51	1.421e+05	-4.151e+04	0.01	-322.72	24.6	251.96	-1157.68	490.40	-1556.72	-6.693e+04	1.101e+05
		1.156e+05	-5.323e+04	-1.44e-04	0.0	0.0	-2619.97	-850.26	518.44	-4317.54	-2.949e+04	1.300e+05
160	65	1.304e+05	-1.886e+04	0.01	-322.72	12.3	-2626.54	-1011.76	518.44	-4317.54	-2.311e+04	1.185e+05
		1.054e+05	-3.159e+04	-1.62e-03	0.0	24.6	-2633.10	-1172.98	518.44	-4317.54	-1.673e+04	1.050e+05
160	68	1.340e+05	-6.482e+04	0.01	-322.72	0.0	252.33	-832.15	488.78	-1496.46	-7.897e+04	1.345e+05
		1.099e+05	-7.687e+04	2.01e-04	0.0	12.3	245.76	-993.66	488.78	-1496.46	-7.296e+04	1.234e+05
160	69	1.302e+05	-1.884e+04	0.01	-322.72	24.6	239.21	-1154.87	488.78	-1496.46	-6.695e+04	1.103e+05
		1.052e+05	-3.157e+04	-1.64e-03	0.0	0.0	-1134.42	-931.63	562.91	-4389.87	-5.522e+04	1.223e+05
160	72	1.343e+05	-6.484e+04	0.01	-322.72	12.3	-1140.99	-1093.14	562.91	-4389.87	-4.870e+04	1.120e+05
		1.101e+05	-7.689e+04	2.14e-04	0.0	24.6	-1147.55	-1254.35	562.91	-4389.87	-4.218e+04	9.968e+04
160	82	1.232e+05	-4.215e+04	0.01	-322.72	0.0	-1233.22	-750.77	444.31	-1424.13	-5.323e+04	1.421e+05
		1.004e+05	-5.513e+04	-1.23e-03	0.0	12.3	-1239.79	-912.28	444.31	-1424.13	-4.737e+04	1.298e+05
160	83	1.413e+05	-4.154e+04	0.01	-322.72	24.6	-1246.35	-1073.49	444.31	-1424.13	-4.151e+04	1.156e+05
		1.149e+05	-5.332e+04	-1.91e-04	0.0	0.0	-2510.91	-846.92	515.71	-4143.75	-3.159e+04	1.304e+05
161	1	6.987e+04	3.584e+04	0.02	-320.38	12.3	-2517.48	-1008.43	515.71	-4143.75	-2.523e+04	1.189e+05
		2.735e+04	2.439e+04	-2.73e-03	0.0	24.6	-2524.04	-1169.64	515.71	-4143.75	-1.886e+04	1.054e+05
161	2	6.443e+04	2.796e+04	0.02	-320.38	0.0	143.27	-835.48	491.51	-1670.24	-7.687e+04	1.340e+05
		2.474e+04	1.569e+04	-3.07e-03	0.0	12.3	136.70	-996.99	491.51	-1670.24	-7.085e+04	1.229e+05
161	4	8.222e+04	-6.118e+04	0.02	-320.38	24.6	130.14	-1158.20	491.51	-1670.24	-6.482e+04	1.099e+05
		4.348e+04	-7.895e+04	1.03e-03	0.0	0.0	-2499.25	-849.49	517.19	-4198.86	-3.157e+04	1.302e+05
161	5	6.962e+04	3.601e+04	0.02	-320.38	12.3	-2505.82	-1011.00	517.19	-4198.86	-2.521e+04	1.187e+05
		2.727e+04	2.453e+04	-2.77e-03	0.0	24.6	-2512.38	-1172.21	517.19	-4198.86	-1.884e+04	1.052e+05
161	8	8.247e+04	-6.136e+04	0.02	-320.38	0.0	131.61	-832.91	490.02	-1615.14	-7.689e+04	1.343e+05
		4.356e+04	-7.909e+04	1.06e-03	0.0	12.3	125.04	-994.42	490.02	-1615.14	-7.087e+04	1.232e+05
161	19	8.778e+04	-1.291e+04	0.01	-320.38	24.6	118.48	-1155.63	490.02	-1615.14	-6.484e+04	1.101e+05
		4.258e+04	-2.698e+04	3.21e-04	0.0	0.0	-1138.99	-923.99	557.90	-4264.08	-5.513e+04	1.232e+05
161	33	7.307e+04	1.041e+04	0.02	-320.38	12.3	-1145.56	-1085.49	557.90	-4264.08	-4.864e+04	1.128e+05
		3.154e+04	-2701.92	-1.75e-03	0.0	24.6	-1152.11	-1246.71	557.90	-4264.08	-4.215e+04	1.004e+05
161	34	7.055e+04	6788.64	0.02	-320.38	0.0	-1228.65	-758.42	449.32	-1549.92	-5.332e+04	1.413e+05
		3.034e+04	-6698.42	-1.91e-03	0.0	12.3	-1235.22	-919.93	449.32	-1549.92	-4.743e+04	1.291e+05
161	35	8.154e+04	-3.213e+04	0.02	-320.38	24.6	-1241.78	-1081.14	449.32	-1549.92	-4.154e+04	1.149e+05
		4.049e+04	-4.786e+04	2.04e-04	0.0	0.0	-3646.99	-1500.28	442.87	4432.29	2.439e+04	6.987e+04
161	36	7.901e+04	-3.575e+04	0.02	-320.38	12.3	-3653.51	-1660.61	442.87	4432.29	3.012e+04	4.960e+04
						24.6	-3660.02	-1820.65	442.87	4432.29	3.584e+04	2.735e+04
161						0.0	-3133.26	-1646.77	510.13	2469.98	1.569e+04	6.443e+04
						12.3	-3139.78	-1807.10	510.13	2469.98	2.183e+04	4.557e+04
161						24.6	-3146.29	-1967.15	510.13	2469.98	2.796e+04	2.474e+04
						0.0	2053.03	-1465.96	743.65	9796.25	-7.895e+04	8.222e+04
161						12.3	2046.51	-1626.30	743.65	9796.25	-7.007e+04	6.383e+04
						24.6	2040.00	-1786.34	743.65	9796.25	-6.118e+04	4.348e+04
161						0.0	-3635.48	-1508.53	445.97	4224.97	2.453e+04	6.962e+04
						12.3	-3642.00	-1668.87	445.97	4224.97	3.027e+04	4.943e+04
161						24.6	-3648.51	-1828.91	445.97	4224.97	3.601e+04	2.727e+04
						0.0	2041.52	-1457.70	740.56	1.000e+04	-7.909e+04	8.247e+04
161						12.3	2035.00	-1618.04	740.56	1.000e+04	-7.022e+04	6.400e+04
						24.6	2028.49	-1778.08	740.56	1.000e+04	-6.136e+04	4.356e+04
161						0.0	-875.25	-1211.84	516.20	1.148e+04	-2.698e+04	8.778e+04
						12.3	-881.77	-1372.18	516.20	1.148e+04	-1.995e+04	6.617e+04
161						24.6	-888.28	-1532.22	516.20	1.148e+04	-1.291e+04	4.258e+04
						0.0	-2150.45	-1491.24	522.03	5867.48	-2701.92	7.307e+04
161						12.3	-2156.97	-1651.57	522.03	5867.48	3851.94	5.329e+04
						24.6	-2163.48	-1811.61	522.03	5867.48	1.041e+04	3.154e+04
161						0.0	-1915.23	-1559.39	553.32	4974.27	-6698.42	7.055e+04
						12.3	-1921.76	-1719.73	553.32	4974.27	45.11	5.143e+04
161						24.6	-1928.27	-1879.77	553.32	4974.27	6788.64	3.034e+04
						0.0	321.28	-1406.85	633.21	9254.28	-4.786e+04	8.154e+04
161						12.3	314.75	-1567.18	633.21	9254.28	-4.000e+04	6.200e+04
						24.6	308.24	-1727.22	633.21	9254.28	-3.213e+04	4.049e+04
161						0.0	556.49	-1475.00	664.49	8361.06	-5.186e+04	7.901e+04

		3.929e+04	-5.186e+04	4.87e-05	0.0	12.3	549.97	-1635.34	664.49	8361.06	-4.380e+04	6.014e+04
161	37	7.295e+04	1.050e+04	0.02	-320.38	24.6	543.46	-1795.38	664.49	8361.06	-3.575e+04	3.929e+04
		3.151e+04	-2622.50	-1.77e-03	0.0	0.0	-2145.75	-1495.08	523.46	5774.35	-2622.50	7.295e+04
						12.3	-2152.28	-1655.42	523.46	5774.35	3937.92	5.322e+04
						24.6	-2158.79	-1815.46	523.46	5774.35	1.050e+04	3.151e+04
161	40	7.913e+04	-3.584e+04	0.02	-320.38	0.0	551.80	-1471.16	663.06	8454.20	-5.194e+04	7.913e+04
		3.932e+04	-5.194e+04	6.56e-05	0.0	12.3	545.28	-1631.49	663.06	8454.20	-4.389e+04	6.021e+04
						24.6	538.76	-1791.54	663.06	8454.20	-3.584e+04	3.932e+04
161	65	7.332e+04	8466.49	0.02	-320.38	0.0	-2036.66	-1490.55	528.02	5972.91	-4767.44	7.332e+04
		3.187e+04	-4767.44	-1.68e-03	0.0	12.3	-2043.18	-1650.89	528.02	5972.91	1849.53	5.358e+04
						24.6	-2049.69	-1810.93	528.02	5972.91	8466.49	3.187e+04
161	66	7.102e+04	5156.32	0.02	-320.38	0.0	-1821.42	-1552.95	556.66	5155.69	-8424.85	7.102e+04
		3.077e+04	-8424.85	-1.82e-03	0.0	12.3	-1827.94	-1713.28	556.66	5155.69	-1634.26	5.188e+04
						24.6	-1834.45	-1873.32	556.66	5155.69	5156.32	3.077e+04
161	67	8.107e+04	-3.050e+04	0.02	-320.38	0.0	227.46	-1413.29	629.86	9072.86	-4.613e+04	8.107e+04
		4.006e+04	-4.613e+04	1.16e-04	0.0	12.3	220.94	-1573.63	629.86	9072.86	-3.832e+04	6.155e+04
						24.6	214.43	-1733.67	629.86	9072.86	-3.050e+04	4.006e+04
161	68	7.877e+04	-3.381e+04	0.02	-320.38	0.0	442.70	-1475.69	658.50	8255.63	-4.979e+04	7.877e+04
		3.896e+04	-4.979e+04	-2.68e-05	0.0	12.3	436.18	-1636.02	658.50	8255.63	-4.180e+04	5.985e+04
						24.6	429.67	-1796.06	658.50	8255.63	-3.832e+04	3.896e+04
161	69	7.321e+04	8551.51	0.02	-320.38	0.0	-2032.37	-1494.07	529.33	5887.73	-4694.43	7.321e+04
		3.183e+04	-4694.43	-1.69e-03	0.0	12.3	-2038.89	-1654.41	529.33	5887.73	1928.54	5.351e+04
						24.6	-2045.41	-1814.45	529.33	5887.73	8551.51	3.183e+04
161	72	7.888e+04	-3.389e+04	0.02	-320.38	0.0	438.42	-1472.17	657.19	8340.81	-4.987e+04	7.888e+04
		3.900e+04	-4.987e+04	-1.14e-05	0.0	12.3	431.89	-1632.50	657.19	8340.81	-4.188e+04	5.992e+04
						24.6	425.38	-1792.54	657.19	8340.81	-3.389e+04	3.900e+04
162	1	-3.029e+04	3.723e+04	0.01	-318.04	0.0	-2884.46	-2991.08	-202.64	3.672e+04	3.723e+04	-3.029e+04
		-1.119e+05	3.311e+04	-2.53e-03	0.0	12.3	-2890.93	-3150.24	-202.64	3.672e+04	3.517e+04	-7.010e+04
						24.6	-2897.40	-3309.12	-202.64	3.672e+04	3.311e+04	-1.119e+05
162	3	-7672.59	-1.595e+04	0.02	-318.04	0.0	1657.95	-2721.65	744.07	4.845e+04	-3.497e+04	-7672.59
		-8.555e+04	-3.497e+04	1.18e-03	0.0	12.3	1651.48	-2880.81	744.07	4.845e+04	-2.546e+04	-4.564e+04
						24.6	1645.02	-3039.69	744.07	4.845e+04	-1.595e+04	-8.555e+04
162	4	-1.227e+04	-2.025e+04	0.02	-318.04	0.0	2100.48	-2952.60	855.80	4.386e+04	-4.117e+04	-1.227e+04
		-9.543e+04	-4.117e+04	8.41e-04	0.0	12.3	2094.00	-3111.76	855.80	4.386e+04	-3.071e+04	-5.287e+04
						24.6	2087.54	-3270.64	855.80	4.386e+04	-2.025e+04	-9.543e+04
162	5	-3.054e+04	3.733e+04	0.02	-318.04	0.0	-2874.07	-3003.78	-205.06	3.638e+04	3.733e+04	-3.054e+04
		-1.124e+05	3.310e+04	-2.57e-03	0.0	12.3	-2880.55	-3162.95	-205.06	3.638e+04	3.522e+04	-7.050e+04
						24.6	-2887.01	-3321.82	-205.06	3.638e+04	3.310e+04	-1.124e+05
162	8	-1.202e+04	-2.023e+04	0.02	-318.04	0.0	2090.09	-2939.90	858.21	4.421e+04	-4.126e+04	-1.202e+04
		-9.486e+04	-4.126e+04	8.80e-04	0.0	12.3	2083.62	-3099.06	858.21	4.421e+04	-3.075e+04	-5.246e+04
						24.6	2077.15	-3257.93	858.21	4.421e+04	-2.023e+04	-9.486e+04
162	18	-3.233e+04	6642.04	0.02	-318.04	0.0	-335.81	-3397.17	370.80	3.090e+04	-1461.86	-3.233e+04
		-1.240e+05	-1461.86	-1.98e-03	0.0	12.3	-342.29	-3556.33	370.80	3.090e+04	2590.09	-7.721e+04
						24.6	-348.75	-3715.21	370.80	3.090e+04	6642.04	-1.240e+05
162	33	-2.561e+04	1.913e+04	0.02	-318.04	0.0	-1575.49	-2980.89	75.03	3.864e+04	1.668e+04	-2.561e+04
		-1.076e+05	1.668e+04	-1.66e-03	0.0	12.3	-1581.97	-3140.06	75.03	3.864e+04	1.790e+04	-6.563e+04
						24.6	-1588.43	-3298.93	75.03	3.864e+04	1.913e+04	-1.076e+05
162	35	-1.481e+04	-4282.57	0.02	-318.04	0.0	588.87	-2855.42	526.65	4.406e+04	-1.777e+04	-1.481e+04
		-9.508e+04	-1.777e+04	1.21e-04	0.0	12.3	582.39	-3014.58	526.65	4.406e+04	-1.103e+04	-5.397e+04
						24.6	575.93	-3173.46	526.65	4.406e+04	-4282.57	-9.508e+04
162	36	-1.695e+04	-6258.81	0.02	-318.04	0.0	791.51	-2962.78	578.13	4.194e+04	-2.061e+04	-1.695e+04
		-9.968e+04	-2.061e+04	-3.88e-05	0.0	12.3	785.04	-3121.95	578.13	4.194e+04	-1.344e+04	-5.734e+04
						24.6	778.57	-3280.82	578.13	4.194e+04	-6258.81	-9.968e+04
162	40	-1.684e+04	-6258.03	0.02	-318.04	0.0	787.22	-2956.86	579.37	4.210e+04	-2.067e+04	-1.684e+04
		-9.942e+04	-2.067e+04	-2.06e-05	0.0	12.3	780.75	-3116.03	579.37	4.210e+04	-1.346e+04	-5.715e+04
						24.6	774.28	-3274.90	579.37	4.210e+04	-6258.03	-9.942e+04
162	50	-2.647e+04	6651.31	0.02	-318.04	0.0	-378.90	-3169.60	344.64	3.596e+04	-1538.41	-2.647e+04
		-1.132e+05	-1538.41	-1.38e-03	0.0	12.3	-385.38	-3328.77	344.64	3.596e+04	2556.45	-6.885e+04
						24.6	-391.84	-3487.64	344.64	3.596e+04	6651.31	-1.132e+05
162	65	-2.524e+04	1.806e+04	0.02	-318.04	0.0	-1475.98	-2980.13	96.17	3.878e+04	1.511e+04	-2.524e+04
		-1.073e+05	1.511e+04	-1.59e-03	0.0	12.3	-1482.46	-3139.29	96.17	3.878e+04	1.659e+04	-6.528e+04
						24.6	-1488.92	-3298.17	96.17	3.878e+04	1.806e+04	-1.073e+05
162	67	-1.535e+04	-3383.50	0.02	-318.04	0.0	506.57	-2865.26	509.87	4.374e+04	-1.644e+04	-1.535e+04
		-9.580e+04	-1.644e+04	3.94e-05	0.0	12.3	500.09	-3024.43	509.87	4.374e+04	-9913.58	-5.460e+04
						24.6	493.63	-3183.30	509.87	4.374e+04	-3383.50	-9.580e+04
162	68	-1.731e+04	-5192.18	0.02	-318.04	0.0	692.00	-2963.55	556.99	4.180e+04	-1.905e+04	-1.731e+04
		-1.000e+05	-1.905e+04	-1.07e-04	0.0	12.3	685.53	-3122.71	556.99	4.180e+04	-1.212e+04	-5.769e+04
						24.6	679.06	-3281.59	556.99	4.180e+04	-5192.18	-1.000e+05
162	72	-1.721e+04	-5191.59	0.02	-318.04	0.0	688.09	-2958.12	558.12	4.195e+04	-1.910e+04	-1.721e+04
		-9.978e+04	-1.910e+04	-8.99e-05	0.0	12.3	681.61	-3117.29	558.12	4.195e+04	-1.214e+04	-5.752e+04
						24.6	675.15	-3276.16	558.12	4.195e+04	-5191.59	-9.978e+04
162	82	-2.603e+04	6635.74	0.02	-318.04	0.0	-380.31	-3152.88	343.05	3.633e+04	-1570.09	-2.603e+04
		-1.124e+05	-1570.09	-1.33e-03	0.0	12.3	-386.79	-3312.04	343.05	3.633e+04	2532.83	-6.823e+04
						24.6	-393.25	-3470.92	343.05	3.633e+04	6635.74	-1.124e+05
163	6	5.968e+04	-2.800e+04	-0.03	-271.35	0.0	1412.22	1938.41	467.73	-802.95	-3.881e+04	1.187e+04
		1.187e+04	-3.881e+04	-7.71e-04	0.0	12.0	1412.22	1802.74	467.73	-802.95	-3.341e+04	3.659e+04
						24.0	1412.22	1667.06	467.73	-802.95	-2.800e+04	5.968e+04

163	9	6.235e+04-2.476e+04	-0.03	-271.35	0.0	1194.98	1915.78	532.39	572.00-3.654e+04	1.430e+04
		1.430e+04-3.654e+04	-1.53e-04	0.0	12.0	1194.98	1780.11	532.39	572.00-3.065e+04	3.914e+04
					24.0	1194.98	1644.43	532.39	572.00-2.476e+04	6.235e+04
163	12	4.720e+04-2.060e+04	-0.03	-271.35	0.0	566.08	2162.15	347.47	-5452.59-2.990e+04	3149.48
		3149.48-2.990e+04	1.02e-03	0.0	12.0	566.08	2026.48	347.47	-5452.59-2.525e+04	2.599e+04
					24.0	566.08	1890.81	347.47	-5452.59-2.060e+04	4.720e+04
163	22	5.230e+04-2.890e+04	-0.03	-271.35	0.0	1464.96	2071.71	332.66	-4346.96-3.821e+04	6476.38
		6476.38-3.821e+04	-2.98e-04	0.0	12.0	1464.96	1936.04	332.66	-4346.96-3.355e+04	3.020e+04
					24.0	1464.96	1800.36	332.66	-4346.96-2.890e+04	5.230e+04
163	23	5.725e+04-1.645e+04	-0.03	-271.35	0.0	296.10	2006.23	547.20	-533.63-2.824e+04	1.098e+04
		1.098e+04-2.824e+04	1.16e-03	0.0	12.0	296.10	1870.56	547.20	-533.63-2.234e+04	3.493e+04
					24.0	296.10	1734.88	547.20	-533.63-1.645e+04	5.725e+04
163	31	5.709e+04-1.577e+04	-0.03	-271.35	0.0	334.60	2010.34	540.34	-575.43-2.802e+04	1.089e+04
		1.089e+04-2.802e+04	1.21e-03	0.0	12.0	334.60	1874.67	540.34	-575.43-2.189e+04	3.481e+04
					24.0	334.60	1738.99	540.34	-575.43-1.577e+04	5.709e+04
163	38	5.708e+04-2.513e+04	-0.03	-271.35	0.0	1122.05	1991.30	453.35	-1700.02-3.581e+04	1.020e+04
		1.020e+04-3.581e+04	-1.42e-04	0.0	12.0	1122.05	1855.63	453.35	-1700.02-3.047e+04	3.445e+04
					24.0	1122.05	1719.95	453.35	-1700.02-2.513e+04	5.708e+04
163	41	5.831e+04-2.364e+04	-0.03	-271.35	0.0	1023.96	1981.23	483.10	-1079.97-3.477e+04	1.132e+04
		1.132e+04-3.477e+04	1.51e-04	0.0	12.0	1023.96	1845.56	483.10	-1079.97-2.920e+04	3.563e+04
					24.0	1023.96	1709.88	483.10	-1079.97-2.364e+04	5.831e+04
163	42	5.712e+04-2.505e+04	-0.03	-271.35	0.0	1146.20	1998.80	448.61	-1776.52-3.577e+04	1.034e+04
		1.034e+04-3.577e+04	2.02e-05	0.0	12.0	1146.20	1863.13	448.61	-1776.52-3.041e+04	3.454e+04
					24.0	1146.20	1727.45	448.61	-1776.52-2.505e+04	5.712e+04
163	43	5.243e+04-2.030e+04	-0.03	-271.35	0.0	614.86	2079.14	431.25	-3104.07-3.068e+04	7116.05
		7116.05-3.068e+04	8.57e-04	0.0	12.0	614.86	1943.47	431.25	-3104.07-2.549e+04	3.059e+04
					24.0	614.86	1807.79	431.25	-3104.07-2.030e+04	5.243e+04
163	44	5.124e+04-2.172e+04	-0.03	-271.35	0.0	737.10	2096.71	396.76	-3800.62-3.167e+04	6129.15
		6129.15-3.167e+04	7.14e-04	0.0	12.0	737.10	1961.04	396.76	-3800.62-2.669e+04	2.950e+04
					24.0	737.10	1825.36	396.76	-3800.62-2.172e+04	5.124e+04
163	63	5.581e+04-1.950e+04	-0.03	-271.35	0.0	632.94	2026.30	486.39	-1602.43-3.084e+04	9706.69
		9706.69-3.084e+04	8.00e-04	0.0	12.0	632.94	1890.63	486.39	-1602.43-2.517e+04	3.357e+04
					24.0	632.94	1754.95	486.39	-1602.43-1.950e+04	5.581e+04
163	70	5.689e+04-2.493e+04	-0.03	-271.35	0.0	1101.49	1995.31	452.22	-1763.11-3.560e+04	1.007e+04
		1.007e+04-3.560e+04	-9.34e-05	0.0	12.0	1101.49	1859.64	452.22	-1763.11-3.026e+04	3.429e+04
					24.0	1101.49	1723.96	452.22	-1763.11-2.493e+04	5.689e+04
163	73	5.801e+04-2.356e+04	-0.03	-271.35	0.0	1011.77	1986.10	479.45	-1195.96-3.464e+04	1.110e+04
		1.110e+04-3.464e+04	1.74e-04	0.0	12.0	1011.77	1850.43	479.45	-1195.96-2.910e+04	3.537e+04
					24.0	1011.77	1714.75	479.45	-1195.96-2.356e+04	5.801e+04
163	74	5.692e+04-2.485e+04	-0.03	-271.35	0.0	1123.59	2002.18	447.88	-1833.07-3.555e+04	1.020e+04
		1.020e+04-3.555e+04	4.49e-05	0.0	12.0	1123.59	1866.51	447.88	-1833.07-3.020e+04	3.438e+04
					24.0	1123.59	1730.83	447.88	-1833.07-2.485e+04	5.692e+04
163	75	5.263e+04-2.050e+04	-0.03	-271.35	0.0	637.47	2075.76	431.98	-3047.52-3.089e+04	7251.72
		7251.72-3.089e+04	8.22e-04	0.0	12.0	637.47	1940.09	431.98	-3047.52-2.570e+04	3.075e+04
					24.0	637.47	1804.41	431.98	-3047.52-2.050e+04	5.263e+04
163	76	5.154e+04-2.180e+04	-0.03	-271.35	0.0	749.29	2091.84	400.40	-3684.63-3.180e+04	6348.68
		6348.68-3.180e+04	6.91e-04	0.0	12.0	749.29	1956.17	400.40	-3684.63-2.680e+04	2.976e+04
					24.0	749.29	1820.49	400.40	-3684.63-2.180e+04	5.154e+04
163	95	5.572e+04-1.977e+04	-0.03	-271.35	0.0	654.03	2027.39	482.46	-1673.98-3.104e+04	9623.15
		9623.15-3.104e+04	7.69e-04	0.0	12.0	654.03	1891.72	482.46	-1673.98-2.541e+04	3.348e+04
					24.0	654.03	1756.04	482.46	-1673.98-1.977e+04	5.572e+04
164	1	1.373e+05-1.470e+04	-0.03	-271.43	0.0	912.78	1384.03	168.44	5346.30-1.810e+04	1.030e+05
		1.030e+05-1.810e+04	-5.43e-04	0.0	12.0	912.78	1248.32	168.44	5346.30-1.640e+04	1.209e+05
					24.0	912.78	1112.60	168.44	5346.30-1.470e+04	1.373e+05
164	4	1.135e+05-1.261e+04	-0.03	-271.43	0.0	521.52	1587.60	88.14	8070.51-1.536e+04	8.330e+04
		8.330e+04-1.536e+04	1.16e-03	0.0	12.0	521.52	1451.89	88.14	8070.51-1.398e+04	9.921e+04
					24.0	521.52	1316.17	88.14	8070.51-1.261e+04	1.135e+05
164	22	1.229e+05-2.291e+04	-0.03	-271.43	0.0	1451.36	1503.36	69.29	4081.07-2.455e+04	9.073e+05
		9.073e+04-2.455e+04	-4.55e-04	0.0	12.0	1451.36	1367.65	69.29	4081.07-2.373e+04	1.076e+05
					24.0	1451.36	1231.92	69.29	4081.07-2.291e+04	1.229e+05
164	23	1.279e+05 -4397.24	-0.03	-271.43	0.0	-17.05	1468.28	187.29	9335.74 -8901.05	9.553e+04
		9.553e+04 -8901.05	1.08e-03	0.0	12.0	-17.05	1332.56	187.29	9335.74 -6649.14	1.125e+05
					24.0	-17.05	1196.84	187.29	9335.74 -4397.24	1.279e+05
164	27	1.275e+05 -3951.52	-0.03	-271.43	0.0	-1.31	1474.78	176.86	9301.92 -8281.83	9.524e+04
		9.524e+04 -8281.83	1.22e-03	0.0	12.0	-1.31	1339.07	176.86	9301.92 -6116.67	1.122e+05
					24.0	-1.31	1203.34	176.86	9301.92 -3951.52	1.275e+05
164	30	1.232e+05-2.334e+04	-0.03	-271.43	0.0	1443.13	1500.26	79.20	4134.83-2.517e+04	9.094e+04
		9.094e+04-2.517e+04	-5.09e-04	0.0	12.0	1443.13	1364.55	79.20	4134.83-2.426e+04	1.079e+05
					24.0	1443.13	1228.82	79.20	4134.83-2.334e+04	1.232e+05
164	33	1.310e+05-1.413e+04	-0.03	-271.43	0.0	805.88	1437.73	146.96	6087.44-1.736e+04	9.772e+04
		9.772e+04-1.736e+04	-9.98e-05	0.0	12.0	805.88	1302.01	146.96	6087.44-1.574e+04	1.152e+05
					24.0	805.88	1166.29	146.96	6087.44-1.413e+04	1.310e+05
164	36	1.198e+05-1.317e+04	-0.03	-271.43	0.0	628.43	1533.91	109.61	7329.37-1.610e+04	8.853e+04
		8.853e+04-1.610e+04	7.22e-04	0.0	12.0	628.43	1398.20	109.61	7329.37-1.464e+04	1.050e+05
					24.0	628.43	1262.48	109.61	7329.37-1.317e+04	1.198e+05
164	54	1.243e+05-1.792e+04	-0.03	-271.43	0.0	1053.39	1493.65	100.94	5520.27-2.033e+04	9.208e+04
		9.208e+04-2.033e+04	-4.94e-05	0.0	12.0	1053.39	1357.94	100.94	5520.27-1.913e+04	1.090e+05

164	55	1.265e+05	-9383.56	-0.03	-271.43	24.0	1053.39	1222.22	100.94	5520.27	-1.792e+04	1.243e+05
		9.418e+04	-1.312e+04	6.71e-04	0.0	0.0	380.92	1477.98	155.64	7896.54	-1.312e+04	9.418e+04
						12.0	380.92	1342.27	155.64	7896.54	-1.125e+04	1.112e+05
						24.0	380.92	1206.55	155.64	7896.54	-9383.56	1.265e+05
164	58	1.245e+05	-1.812e+04	-0.03	-271.43	0.0	1046.16	1490.57	105.87	5537.23	-2.062e+04	9.220e+04
		9.220e+04	-2.062e+04	-1.19e-04	0.0	12.0	1046.16	1354.85	105.87	5537.23	-1.937e+04	1.092e+05
						24.0	1046.16	1219.13	105.87	5537.23	-1.812e+04	1.245e+05
164	59	1.263e+05	-9180.72	-0.03	-271.43	0.0	388.15	1481.07	150.71	7879.57	-1.284e+04	9.405e+04
		9.405e+04	-1.284e+04	7.41e-04	0.0	12.0	388.15	1345.36	150.71	7879.57	-1.101e+04	1.110e+05
						24.0	388.15	1209.63	150.71	7879.57	-9180.72	1.263e+05
164	65	1.305e+05	-1.409e+04	-0.03	-271.43	0.0	798.32	1441.77	145.39	6140.24	-1.730e+04	9.733e+04
		9.733e+04	-1.730e+04	-6.54e-05	0.0	12.0	798.32	1306.06	145.39	6140.24	-1.570e+04	1.092e+05
						24.0	798.32	1170.34	145.39	6140.24	-1.409e+04	1.305e+05
164	68	1.203e+05	-1.321e+04	-0.03	-271.43	0.0	635.98	1529.86	111.19	7276.57	-1.615e+04	8.892e+04
		8.892e+04	-1.615e+04	6.87e-04	0.0	12.0	635.98	1394.15	111.19	7276.57	-1.468e+04	1.054e+05
						24.0	635.98	1258.43	111.19	7276.57	-1.321e+04	1.203e+05
164	86	1.244e+05	-1.756e+04	-0.03	-271.43	0.0	1024.84	1492.98	103.26	5621.53	-2.003e+04	9.217e+04
		9.217e+04	-2.003e+04	-1.91e-05	0.0	12.0	1024.84	1357.27	103.26	5621.53	-1.879e+04	1.091e+05
						24.0	1024.84	1221.55	103.26	5621.53	-1.756e+04	1.244e+05
164	87	1.264e+05	-9745.40	-0.03	-271.43	0.0	409.47	1478.65	153.32	7795.28	-1.343e+04	9.409e+04
		9.409e+04	-1.343e+04	6.41e-04	0.0	12.0	409.47	1342.94	153.32	7795.28	-1.159e+04	1.111e+05
						24.0	409.47	1207.22	153.32	7795.28	-9745.40	1.264e+05
164	90	1.246e+05	-1.775e+04	-0.03	-271.43	0.0	1018.22	1490.16	107.77	5637.09	-2.029e+04	9.228e+04
		9.228e+04	-2.029e+04	-8.29e-05	0.0	12.0	1018.22	1354.44	107.77	5637.09	-1.902e+04	1.092e+05
						24.0	1018.22	1218.72	107.77	5637.09	-1.775e+04	1.246e+05
164	91	1.262e+05	-9559.82	-0.03	-271.43	0.0	416.09	1481.48	148.81	7779.71	-1.317e+04	9.397e+04
		9.397e+04	-1.317e+04	7.05e-04	0.0	12.0	416.09	1345.77	148.81	7779.71	-1.136e+04	1.109e+05
						24.0	416.09	1210.05	148.81	7779.71	-9559.82	1.262e+05
165	2	1.890e+05	-1.054e+04	-0.02	-271.52	0.0	1262.82	995.40	33.24	4581.91	-1.124e+04	1.625e+05
		1.625e+05	-1.124e+04	-9.70e-04	0.0	12.0	1262.82	859.64	33.24	4581.91	-1.089e+04	1.766e+05
						24.0	1262.82	723.88	33.24	4581.91	-1.054e+04	1.890e+05
165	4	1.626e+05	-1.827e+04	-0.02	-271.52	0.0	515.96	1126.44	9.85	7646.93	-1.862e+04	1.386e+05
		1.386e+05	-1.862e+04	1.03e-03	0.0	12.0	515.96	990.69	9.85	7646.93	-1.845e+04	1.514e+05
						24.0	515.96	854.92	9.85	7646.93	-1.827e+04	1.626e+05
165	17	1.724e+05	283.61	-0.02	-271.52	0.0	-62.91	1003.34	81.33	7602.05	-1593.72	1.613e+05
		1.613e+05	-1593.72	5.31e-04	0.0	12.0	-62.91	867.58	81.33	7602.05	-655.05	1.677e+05
						24.0	-62.91	731.82	81.33	7602.05	283.61	1.724e+05
165	20	1.757e+05	-2.263e+04	-0.02	-271.52	0.0	1350.46	1101.00	-12.27	5525.58	-2.263e+04	1.431e+05
		1.431e+05	-2.285e+04	-9.99e-05	0.0	12.0	1350.46	965.24	-12.27	5525.58	-2.274e+04	1.603e+05
						24.0	1350.46	829.48	-12.27	5525.58	-2.285e+04	1.757e+05
165	22	1.834e+05	-2.056e+04	-0.02	-271.52	0.0	1576.47	1064.50	-5.10	4611.66	-2.260e+04	1.501e+05
		1.501e+05	-2.260e+04	-6.06e-04	0.0	12.0	1576.47	928.75	-5.10	4611.66	-2.158e+04	1.675e+05
						24.0	1576.47	792.98	-5.10	4611.66	-2.056e+04	1.834e+05
165	23	1.648e+05	-1620.86	-0.02	-271.52	0.0	-288.92	1039.83	74.17	8515.97	-1620.86	1.544e+05
		1.544e+05	-2002.08	1.04e-03	0.0	12.0	-288.92	904.08	74.17	8515.97	-1811.47	1.604e+05
						24.0	-288.92	768.31	74.17	8515.97	-2002.08	1.648e+05
165	34	1.811e+05	-1.094e+04	-0.02	-271.52	0.0	928.33	1025.19	33.93	5660.26	-1.171e+04	1.571e+05
		1.571e+05	-1.171e+04	-3.50e-04	0.0	12.0	928.33	889.43	33.93	5660.26	-1.133e+04	1.699e+05
						24.0	928.33	753.67	33.93	5660.26	-1.094e+04	1.811e+05
165	36	1.686e+05	-1.451e+04	-0.02	-271.52	0.0	585.80	1087.27	23.11	7061.44	-1.511e+04	1.458e+05
		1.458e+05	-1.511e+04	6.09e-04	0.0	12.0	585.80	951.51	23.11	7061.44	-1.481e+04	1.580e+05
						24.0	585.80	815.75	23.11	7061.44	-1.451e+04	1.686e+05
165	49	1.734e+05	-5938.77	-0.02	-271.52	0.0	317.53	1029.32	56.20	7030.19	-7253.67	1.564e+05
		1.564e+05	-7253.67	3.59e-04	0.0	12.0	317.53	893.57	56.20	7030.19	-6596.22	1.657e+05
						24.0	317.53	757.80	56.20	7030.19	-5938.77	1.734e+05
165	54	1.784e+05	-1.557e+04	-0.02	-271.52	0.0	1073.55	1057.74	16.18	5678.95	-1.695e+04	1.513e+05
		1.513e+05	-1.695e+04	-1.71e-04	0.0	12.0	1073.55	921.99	16.18	5678.95	-1.626e+04	1.657e+05
						24.0	1073.55	786.22	16.18	5678.95	-1.557e+04	1.784e+05
165	55	1.698e+05	-6991.71	-0.02	-271.52	0.0	214.01	1046.59	52.88	7448.69	-7268.17	1.532e+05
		1.532e+05	-7268.17	6.02e-04	0.0	12.0	214.01	910.84	52.88	7448.69	-7129.94	1.623e+05
						24.0	214.01	775.08	52.88	7448.69	-6991.71	1.698e+05
165	60	1.698e+05	-1.658e+04	-0.02	-271.52	0.0	960.94	1073.85	18.25	6122.51	-1.705e+04	1.482e+05
		1.482e+05	-1.705e+04	4.51e-05	0.0	12.0	960.94	938.09	18.25	6122.51	-1.681e+04	1.598e+05
						24.0	960.94	802.33	18.25	6122.51	-1.658e+04	1.698e+05
165	66	1.805e+05	-1.097e+04	-0.02	-271.52	0.0	904.18	1027.46	33.98	5737.09	-1.175e+04	1.567e+05
		1.567e+05	-1.175e+04	-3.03e-04	0.0	12.0	904.18	891.70	33.98	5737.09	-1.136e+04	1.694e+05
						24.0	904.18	755.94	33.98	5737.09	-1.097e+04	1.805e+05
165	68	1.691e+05	-1.424e+04	-0.02	-271.52	0.0	590.74	1084.31	24.08	7019.22	-1.486e+04	1.464e+05
		1.464e+05	-1.486e+04	5.76e-04	0.0	12.0	590.74	948.56	24.08	7019.22	-1.455e+04	1.585e+05
						24.0	590.74	812.79	24.08	7019.22	-1.424e+04	1.691e+05
165	81	1.735e+05	-6391.46	-0.02	-271.52	0.0	345.18	1031.25	54.36	6990.36	-7665.14	1.561e+05
		1.561e+05	-7665.14	3.47e-04	0.0	12.0	345.18	895.50	54.36	6990.36	-7028.30	1.656e+05
						24.0	345.18	759.73	54.36	6990.36	-6391.46	1.735e+05
165	86	1.780e+05	-1.521e+04	-0.02	-271.52	0.0	1037.11	1057.27	17.73	5754.31	-1.654e+04	1.514e+05
		1.514e+05	-1.654e+04	-1.38e-04	0.0	12.0	1037.11	921.51	17.73	5754.31	-1.588e+04	1.655e+05
						24.0	1037.11	785.75	17.73	5754.31	-1.521e+04	1.780e+05
165	87	1.702e+05	-7355.12	-0.02	-271.52	0.0	250.44	1047.07	51.33	7373.32	-7678.46	1.531e+05

		1.531e+05	-7678.46	5.69e-04	0.0	12.0	250.44	911.31	51.33	7373.32	-7516.79	1.624e+05
						24.0	250.44	775.55	51.33	7373.32	-7355.12	1.702e+05
165	92	1.702e+05-1.613e+04	-0.02	-271.52	0.0	0.0	934.06	1072.02	19.63	6160.21-1.663e+04	1.485e+05	
		1.485e+05-1.663e+04	5.96e-05	0.0	12.0	934.06	936.26	19.63	6160.21-1.638e+04	1.601e+05		
					24.0	934.06	800.50	19.63	6160.21-1.613e+04	1.702e+05		
166	2	2.190e+05	-9720.45	-0.01	-271.60	0.0	494.28	589.04	19.97	1614.31-1.009e+04	2.066e+05	
		2.066e+05-1.009e+04	-1.06e-03	0.0	12.0	494.28	453.24	19.97	1614.31	-9905.14	2.136e+05	
					24.0	494.28	317.43	19.97	1614.31	-9720.45	2.190e+05	
166	3	1.864e+05-1.088e+04	-0.01	-271.60	0.0	649.18	669.16	16.92	4473.63-1.140e+04	1.751e+05		
		1.751e+05-1.140e+04	1.31e-03	0.0	12.0	649.18	533.36	16.92	4473.63-1.114e+04	1.816e+05		
					24.0	649.18	397.56	16.92	4473.63-1.088e+04	1.864e+05		
166	17	2.022e+05	2756.15	-0.01	-271.60	0.0	-525.48	576.48	48.10	3705.60	1671.62	1.899e+05
		1.899e+05	1671.62	5.29e-04	0.0	12.0	-525.48	440.68	48.10	3705.60	2213.89	1.969e+05
					24.0	-525.48	304.88	48.10	3705.60	2756.15	2.022e+05	
166	20	2.033e+05-2.316e+04	-0.01	-271.60	0.0	1668.94	681.71	-11.21	2382.34-2.316e+04	1.918e+05		
		1.918e+05-2.336e+04	-2.80e-04	0.0	12.0	1668.94	545.92	-11.21	2382.34-2.326e+04	1.984e+05		
					24.0	1668.94	410.11	-11.21	2382.34-2.336e+04	2.033e+05		
166	34	2.104e+05-1.003e+04	-0.01	-271.60	0.0	536.24	610.49	19.17	2389.82-1.044e+04	1.983e+05		
		1.983e+05-1.044e+04	-4.40e-04	0.0	12.0	536.24	474.70	19.17	2389.82-1.024e+04	2.052e+05		
					24.0	536.24	338.89	19.17	2389.82-1.034e+04	2.104e+05		
166	35	1.950e+05-1.057e+04	-0.01	-271.60	0.0	607.23	647.70	17.72	3698.12-1.105e+04	1.834e+05		
		1.834e+05-1.105e+04	6.90e-04	0.0	12.0	607.23	511.90	17.72	3698.12-1.081e+04	1.900e+05		
					24.0	607.23	376.10	17.72	3698.12-1.057e+04	1.950e+05		
166	49	2.025e+05	-4265.17	-0.01	-271.60	0.0	64.30	605.04	32.18	3339.67	-5005.99	1.905e+05
		1.905e+05	-5005.99	3.10e-04	0.0	12.0	64.30	469.24	32.18	3339.67	-4635.58	1.973e+05
					24.0	64.30	333.44	32.18	3339.67	-4265.17	2.025e+05	
166	52	2.029e+05-1.634e+04	-0.01	-271.60	0.0	1079.16	653.15	4.71	2748.27-1.648e+04	1.913e+05		
		1.913e+05-1.648e+04	-6.06e-05	0.0	12.0	1079.16	517.36	4.71	2748.27-1.641e+04	1.979e+05		
					24.0	1079.16	381.55	4.71	2748.27-1.634e+04	2.029e+05		
166	66	2.098e+05-1.005e+04	-0.01	-271.60	0.0	539.25	612.07	19.11	2445.38-1.047e+04	1.977e+05		
		1.977e+05-1.047e+04	-3.93e-04	0.0	12.0	539.25	476.27	19.11	2445.38-1.026e+04	2.046e+05		
					24.0	539.25	340.46	19.11	2445.38-1.005e+04	2.098e+05		
166	67	1.956e+05-1.055e+04	-0.01	-271.60	0.0	604.21	646.13	17.78	3642.56-1.102e+04	1.840e+05		
		1.840e+05-1.102e+04	6.42e-04	0.0	12.0	604.21	510.33	17.78	3642.56-1.078e+04	1.907e+05		
					24.0	604.21	374.52	17.78	3642.56-1.055e+04	1.956e+05		
166	81	2.025e+05	-4776.49	-0.01	-271.60	0.0	107.28	607.08	31.02	3314.38	-5492.06	1.905e+05
		1.905e+05	-5492.06	2.94e-04	0.0	12.0	107.28	471.29	31.02	3314.38	-5134.27	1.973e+05
					24.0	107.28	335.48	31.02	3314.38	-4776.49	2.025e+05	
166	84	2.029e+05-1.583e+04	-0.01	-271.60	0.0	1036.19	651.11	5.88	2773.56-1.600e+04	1.912e+05		
		1.912e+05-1.600e+04	-4.49e-05	0.0	12.0	1036.19	515.31	5.88	2773.56-1.591e+04	1.979e+05		
					24.0	1036.19	379.51	5.88	2773.56-1.583e+04	2.029e+05		
167	2	2.280e+05	-8960.42	-2.50e-03	-271.69	0.0	447.25	166.69	24.67	-2828.59	-9352.64	2.261e+05
		2.261e+05	-9352.64	-1.13e-03	0.0	12.0	447.25	30.86	24.67	-2828.59	-9156.53	2.278e+05
					24.0	447.25	-104.99	24.67	-2828.59	-8960.42	2.278e+05	
167	3	1.951e+05	-9946.79	-2.05e-03	-271.69	0.0	537.73	237.35	10.84	-504.69-1.041e+04	1.931e+05	
		1.931e+05-1.041e+04	1.21e-03	0.0	12.0	537.73	101.51	10.84	-504.69-1.018e+04	1.948e+05		
					24.0	537.73	-34.34	10.84	-504.69	-9946.79	1.949e+05	
167	17	2.117e+05	4237.06	-2.30e-03	-271.69	0.0	-709.23	139.67	32.03	-1248.50	3604.71	2.096e+05
		2.096e+05	3604.71	5.49e-04	0.0	12.0	-709.23	3.84	32.03	-1248.50	3920.89	2.114e+05
					24.0	-709.23	-132.01	32.03	-1248.50	4237.06	2.116e+05	
167	20	2.114e+05-2.314e+04	-2.26e-03	-271.69	0.0	1694.21	264.37	3.48	-2084.78-2.336e+04	2.096e+05		
		2.096e+05-2.336e+04	-4.70e-04	0.0	12.0	1694.21	128.53	3.48	-2084.78-2.325e+04	2.112e+05		
					24.0	1694.21	-7.32	3.48	-2084.78-2.314e+04	2.111e+05		
167	34	2.194e+05	-9218.90	-2.39e-03	-271.69	0.0	471.07	186.11	20.99	-2200.22	-9631.87	2.175e+05
		2.175e+05	-9631.87	-5.18e-04	0.0	12.0	471.07	50.27	20.99	-2200.22	-9425.38	2.191e+05
					24.0	471.07	-85.57	20.99	-2200.22	-9218.90	2.192e+05	
167	35	2.037e+05	-9688.32	-2.17e-03	-271.69	0.0	513.91	217.93	14.52	-1133.06-1.013e+04	2.018e+05	
		2.018e+05-1.013e+04	5.97e-04	0.0	12.0	513.91	82.09	14.52	-1133.06	-9907.47	2.035e+05	
					24.0	513.91	-53.76	14.52	-1133.06	-9688.32	2.035e+05	
167	49	2.117e+05	-3120.47	-2.29e-03	-271.69	0.0	-64.51	173.85	24.36	-1483.44	-3643.79	2.097e+05
		2.097e+05	-3643.79	2.74e-04	0.0	12.0	-64.51	38.01	24.36	-1483.44	-3382.13	2.114e+05
					24.0	-64.51	-97.84	24.36	-1483.44	-3120.47	2.115e+05	
167	52	2.114e+05-1.579e+04	-2.27e-03	-271.69	0.0	1049.49	230.19	11.16	-1849.84-1.611e+04	2.096e+05		
		2.096e+05-1.611e+04	-1.95e-04	0.0	12.0	1049.49	94.36	11.16	-1849.84-1.595e+04	2.112e+05		
					24.0	1049.49	-41.49	11.16	-1849.84-1.579e+04	2.112e+05		
167	66	2.187e+05	-9238.61	-2.38e-03	-271.69	0.0	472.87	187.47	20.72	-2154.94	-9652.73	2.168e+05
		2.168e+05	-9652.73	-4.71e-04	0.0	12.0	472.87	51.63	20.72	-2154.94	-9445.67	2.185e+05
					24.0	472.87	-84.22	20.72	-2154.94	-9238.61	2.185e+05	
167	67	2.044e+05	-9668.60	-2.18e-03	-271.69	0.0	512.11	216.57	14.79	-1178.34-1.011e+04	2.024e+05	
		2.024e+05-1.011e+04	5.50e-04	0.0	12.0	512.11	80.73	14.79	-1178.34	-9887.18	2.041e+05	
					24.0	512.11	-55.11	14.79	-1178.34	-9668.60	2.042e+05	
167	81	2.117e+05	-3656.81	-2.29e-03	-271.69	0.0	-17.36	176.25	23.80	-1499.20	-4171.90	2.097e+05
		2.097e+05	-4171.90	2.54e-04	0.0	12.0	-17.36	40.41	23.80	-1499.20	-3914.35	2.114e+05
					24.0	-17.36	-95.44	23.80	-1499.20	-3656.81	2.115e+05	
167	84	2.114e+05-1.525e+04	-2.27e-03	-271.69	0.0	1002.34	227.79	11.71	-1834.08-1.559e+04	2.096e+05		
		2.096e+05-1.559e+04	-1.75e-04	0.0	12.0	1002.34	91.95	11.71	-1834.08-1.542e+04	2.112e+05		
					24.0	1002.34	-43.89	11.71	-1834.08-1.525e+04	2.112e+05		

168	2	2.246e+05	-8064.24	8.45e-03	-271.77	0.0	376.40	-269.05	35.48	-8073.97	-8534.28	2.246e+05
		2.157e+05	-8534.28	5.52e-04	0.0	12.0	376.40	-404.93	35.48	-8073.97	-8299.26	2.209e+05
						24.0	376.40	-540.82	35.48	-8073.97	-8064.24	2.157e+05
168	3	1.921e+05	-9092.18	7.55e-03	-271.77	0.0	444.74	-186.81	1.45	-5493.88	-9507.55	1.921e+05
		1.842e+05	-9507.55	-6.29e-04	0.0	12.0	444.74	-322.69	1.45	-5493.88	-9299.87	1.890e+05
						24.0	444.74	-458.58	1.45	-5493.88	-9092.18	1.842e+05
168	17	2.085e+05	4874.90	8.28e-03	-271.77	0.0	-829.01	-293.37	10.14	-6396.99	4658.64	2.085e+05
		1.997e+05	4658.64	1.10e-03	0.0	12.0	-829.01	-429.25	10.14	-6396.99	4766.77	2.049e+05
						24.0	-829.01	-565.14	10.14	-6396.99	4874.90	1.997e+05
168	20	2.082e+05	-2.203e+04	7.71e-03	-271.77	0.0	1650.15	-162.48	26.80	-7170.86	-2.270e+04	2.082e+05
		2.002e+05	-2.270e+04	-1.18e-03	0.0	12.0	1650.15	-298.36	26.80	-7170.86	-2.237e+04	2.050e+05
						24.0	1650.15	-434.25	26.80	-7170.86	-2.203e+04	2.002e+05
168	34	2.160e+05	-8326.78	8.21e-03	-271.77	0.0	393.57	-246.82	26.33	-7379.35	-8785.94	2.160e+05
		2.074e+05	-8785.94	2.48e-04	0.0	12.0	393.57	-382.70	26.33	-7379.35	-8556.36	2.126e+05
						24.0	393.57	-518.59	26.33	-7379.35	-8326.78	2.074e+05
168	35	2.006e+05	-8829.65	7.78e-03	-271.77	0.0	427.58	-209.04	10.61	-6188.50	-9255.89	2.006e+05
		1.925e+05	-9255.89	-3.26e-04	0.0	12.0	427.58	-344.92	10.61	-6188.50	-9042.77	1.974e+05
						24.0	427.58	-480.81	10.61	-6188.50	-8829.65	1.925e+05
168	49	2.084e+05	-2349.50	8.13e-03	-271.77	0.0	-165.01	-257.59	14.73	-6617.66	-2690.42	2.084e+05
		1.999e+05	-2690.42	4.98e-04	0.0	12.0	-165.01	-393.47	14.73	-6617.66	-2519.96	2.050e+05
						24.0	-165.01	-529.36	14.73	-6617.66	-2349.50	1.999e+05
168	52	2.082e+05	-1.481e+04	7.86e-03	-271.77	0.0	986.16	-198.26	22.21	-6950.19	-1.535e+04	2.082e+05
		2.000e+05	-1.535e+04	-5.76e-04	0.0	12.0	986.16	-334.14	22.21	-6950.19	-1.508e+04	2.049e+05
						24.0	986.16	-470.03	22.21	-6950.19	-1.481e+04	2.000e+05
168	66	2.154e+05	-8347.74	8.19e-03	-271.77	0.0	394.98	-245.22	25.67	-7328.90	-8805.60	2.154e+05
		2.068e+05	-8805.60	2.24e-04	0.0	12.0	394.98	-381.10	25.67	-7328.90	-8576.67	2.119e+05
						24.0	394.98	-516.99	25.67	-7328.90	-8347.74	2.068e+05
168	67	2.013e+05	-8808.68	7.80e-03	-271.77	0.0	426.16	-210.64	11.27	-6238.95	-9236.22	2.013e+05
		1.931e+05	-9236.22	-3.02e-04	0.0	12.0	426.16	-346.52	11.27	-6238.95	-9022.45	1.980e+05
						24.0	426.16	-482.41	11.27	-6238.95	-8808.68	1.931e+05
168	81	2.084e+05	-2876.87	8.12e-03	-271.77	0.0	-116.32	-255.07	15.05	-6632.04	-3226.48	2.084e+05
		1.999e+05	-3226.48	4.53e-04	0.0	12.0	-116.32	-390.95	15.05	-6632.04	-3051.67	2.050e+05
						24.0	-116.32	-526.84	15.05	-6632.04	-2876.87	1.999e+05
168	84	2.082e+05	-1.428e+04	7.87e-03	-271.77	0.0	937.46	-200.79	21.89	-6935.81	-1.482e+04	2.082e+05
		2.000e+05	-1.482e+04	-5.30e-04	0.0	12.0	937.46	-336.67	21.89	-6935.81	-1.455e+04	2.050e+05
						24.0	937.46	-472.56	21.89	-6935.81	-1.428e+04	2.000e+05
169	2	2.020e+05	-6897.52	0.02	-271.86	0.0	279.11	-713.65	46.55	-1.356e+04	-7532.00	2.020e+05
		1.825e+05	-7532.00	2.94e-04	0.0	12.0	279.11	-849.57	46.55	-1.356e+04	-7214.76	1.930e+05
						24.0	279.11	-985.50	46.55	-1.356e+04	-6897.52	1.825e+05
169	3	1.719e+05	-8296.82	0.02	-271.86	0.0	380.58	-602.14	-3.35	-1.028e+04	-8697.91	1.719e+05
		1.545e+05	-8697.91	-5.14e-04	0.0	12.0	380.58	-738.06	-3.35	-1.028e+04	-8497.37	1.640e+05
						24.0	380.58	-873.99	-3.35	-1.028e+04	-8296.82	1.545e+05
169	17	1.860e+05	4907.68	0.02	-271.86	0.0	-886.29	-717.83	-0.63	-1.144e+04	4907.68	1.860e+05
		1.668e+05	4810.28	1.08e-03	0.0	12.0	-886.29	-853.76	-0.63	-1.144e+04	4858.98	1.772e+05
						24.0	-886.29	-989.69	-0.63	-1.144e+04	4810.28	1.668e+05
169	20	1.879e+05	-2.000e+04	0.02	-271.86	0.0	1545.99	-597.95	43.83	-1.240e+04	-2.114e+04	1.879e+05
		1.701e+05	-2.114e+04	-1.30e-03	0.0	12.0	1545.99	-733.87	43.83	-1.240e+04	-2.057e+04	1.798e+05
						24.0	1545.99	-869.80	43.83	-1.240e+04	-2.000e+04	1.701e+05
169	34	1.941e+05	-7250.91	0.02	-271.86	0.0	304.79	-684.29	33.10	-1.268e+04	-7827.30	1.941e+05
		1.751e+05	-7827.30	8.78e-05	0.0	12.0	304.79	-820.21	33.10	-1.268e+04	-7539.10	1.854e+05
						24.0	304.79	-956.14	33.10	-1.268e+04	-7250.91	1.751e+05
169	35	1.798e+05	-7943.43	0.02	-271.86	0.0	354.90	-631.50	10.10	-1.116e+04	-8402.62	1.798e+05
		1.618e+05	-8402.62	-3.07e-04	0.0	12.0	354.90	-767.42	10.10	-1.116e+04	-8173.02	1.717e+05
						24.0	354.90	-903.35	10.10	-1.116e+04	-7943.43	1.618e+05
169	49	1.866e+05	-1844.86	0.02	-271.86	0.0	-235.74	-685.42	11.44	-1.171e+04	-2081.91	1.866e+05
		1.677e+05	-2081.91	4.49e-04	0.0	12.0	-235.74	-821.34	11.44	-1.171e+04	-1963.38	1.780e+05
						24.0	-235.74	-957.28	11.44	-1.171e+04	-1844.86	1.677e+05
169	52	1.874e+05	-1.335e+04	0.02	-271.86	0.0	895.44	-630.36	31.76	-1.212e+04	-1.415e+04	1.874e+05
		1.692e+05	-1.415e+04	-6.68e-04	0.0	12.0	895.44	-766.28	31.76	-1.212e+04	-1.375e+04	1.791e+05
						24.0	895.44	-902.22	31.76	-1.212e+04	-1.335e+04	1.692e+05
169	66	1.935e+05	-7279.70	0.02	-271.86	0.0	306.88	-682.06	32.12	-1.261e+04	-7851.23	1.935e+05
		1.745e+05	-7851.23	7.14e-05	0.0	12.0	306.88	-817.99	32.12	-1.261e+04	-7565.46	1.848e+05
						24.0	306.88	-953.92	32.12	-1.261e+04	-7279.70	1.745e+05
169	67	1.804e+05	-7914.65	0.02	-271.86	0.0	352.82	-633.72	11.08	-1.123e+04	-8378.68	1.804e+05
		1.624e+05	-8378.68	-2.91e-04	0.0	12.0	352.82	-769.64	11.08	-1.123e+04	-8146.66	1.722e+05
						24.0	352.82	-905.57	11.08	-1.123e+04	-7914.65	1.624e+05
169	81	1.866e+05	-2331.71	0.02	-271.86	0.0	-187.91	-683.08	12.31	-1.173e+04	-2592.63	1.866e+05
		1.678e+05	-2592.63	4.01e-04	0.0	12.0	-187.91	-819.01	12.31	-1.173e+04	-2462.17	1.780e+05
						24.0	-187.91	-954.94	12.31	-1.173e+04	-2331.71	1.678e+05
169	84	1.873e+05	-1.286e+04	0.02	-271.86	0.0	847.61	-632.70	30.90	-1.211e+04	-1.364e+04	1.873e+05
		1.691e+05	-1.364e+04	-6.21e-04	0.0	12.0	847.61	-768.62	30.90	-1.211e+04	-1.325e+04	1.790e+05
						24.0	847.61	-904.55	30.90	-1.211e+04	-1.286e+04	1.691e+05
170	1	1.329e+05	826.15	0.03	-271.94	0.0	-461.79	-1179.79	46.86	-1.802e+04	183.49	1.329e+05
		1.060e+05	183.49	5.22e-04	0.0	12.0	-461.79	-1315.75	46.86	-1.802e+04	504.82	1.203e+05
						24.0	-461.79	-1451.73	46.86	-1.802e+04	826.15	1.060e+05
170	4	1.582e+05	-1.276e+04	0.02	-271.94	0.0	970.80	-989.97	34.48	-1.530e+04	-1.406e+04	1.582e+05
		1.279e+05	-1.406e+04	-8.70e-04	0.0	12.0	970.80	-1125.94	34.48	-1.530e+04	-1.341e+04	1.438e+05

170	21	1.371e+05	4802.29	0.03	-271.94	24.0	970.80	-1261.91	34.48	-1.530e+04	-1.276e+04	1.279e+05
		1.089e+05	4701.06	9.07e-04	0.0	0.0	-894.69	-1136.91	7.28	-1.598e+04	4701.06	1.371e+05
						12.0	-894.69	-1272.87	7.28	-1.598e+04	4751.67	1.238e+05
170	24	1.539e+05	-1.673e+04	0.02	-271.94	24.0	-894.69	-1408.85	7.28	-1.598e+04	4802.29	1.089e+05
		1.250e+05	-1.858e+04	-1.25e-03	0.0	0.0	1403.70	-1032.85	74.06	-1.735e+04	-1.858e+04	1.539e+05
						12.0	1403.70	-1168.82	74.06	-1.735e+04	-1.766e+04	1.403e+05
170	33	1.396e+05	-2786.85	0.03	-271.94	24.0	1403.70	-1304.79	74.06	-1.735e+04	-1.673e+04	1.250e+05
		1.118e+05	-3613.14	1.53e-04	0.0	0.0	-79.89	-1129.90	43.52	-1.730e+04	-3613.14	1.396e+05
						12.0	-79.89	-1265.87	43.52	-1.730e+04	-3200.00	1.265e+05
170	36	1.515e+05	-9144.13	0.02	-271.94	24.0	-79.89	-1401.84	43.52	-1.730e+04	-2786.85	1.118e+05
		1.221e+05	-1.027e+04	-5.01e-04	0.0	0.0	588.90	-1039.86	37.82	-1.602e+04	-1.027e+04	1.515e+05
						12.0	588.90	-1175.82	37.82	-1.602e+04	-9705.94	1.376e+05
170	53	1.416e+05	-963.78	0.03	-271.94	24.0	588.90	-1311.80	37.82	-1.602e+04	-9144.13	1.221e+05
		1.133e+05	-1538.32	3.29e-04	0.0	0.0	-280.55	-1109.26	25.34	-1.636e+04	-1538.32	1.416e+05
						12.0	-280.55	-1245.23	25.34	-1.636e+04	-1251.05	1.283e+05
170	56	1.494e+05	-1.097e+04	0.02	-271.94	24.0	-280.55	-1381.20	25.34	-1.636e+04	-963.78	1.133e+05
		1.206e+05	-1.234e+04	-6.77e-04	0.0	0.0	789.56	-1060.50	56.01	-1.697e+04	-1.234e+04	1.494e+05
						12.0	789.56	-1196.46	56.01	-1.697e+04	-1.165e+04	1.358e+05
170	65	1.401e+05	-3055.17	0.03	-271.94	24.0	789.56	-1332.44	56.01	-1.697e+04	-1.097e+04	1.206e+05
		1.123e+05	-3894.17	1.25e-04	0.0	0.0	-51.64	-1126.12	43.28	-1.725e+04	-3894.17	1.401e+05
						12.0	-51.64	-1262.08	43.28	-1.725e+04	-3474.67	1.270e+05
170	68	1.510e+05	-8875.81	0.02	-271.94	24.0	-51.64	-1398.06	43.28	-1.725e+04	-3055.17	1.123e+05
		1.216e+05	-9986.72	-4.73e-04	0.0	0.0	560.65	-1043.64	38.06	-1.608e+04	-9986.72	1.510e+05
						12.0	560.65	-1179.61	38.06	-1.608e+04	-9431.27	1.371e+05
170	85	1.420e+05	-1386.88	0.03	-271.94	24.0	560.65	-1315.58	38.06	-1.608e+04	-8875.81	1.216e+05
		1.136e+05	-1995.41	2.86e-04	0.0	0.0	-235.31	-1107.21	26.64	-1.639e+04	-1995.41	1.420e+05
						12.0	-235.31	-1243.17	26.64	-1.639e+04	-1691.14	1.286e+05
170	88	1.491e+05	-1.054e+04	0.02	-271.94	24.0	-235.31	-1379.15	26.64	-1.639e+04	-1386.88	1.136e+05
		1.203e+05	-1.189e+04	-6.34e-04	0.0	0.0	744.33	-1062.55	54.71	-1.694e+04	-1.189e+04	1.491e+05
						12.0	744.33	-1198.52	54.71	-1.694e+04	-1.121e+04	1.355e+05
171	4	9.299e+04	-7384.68	0.03	-272.02	24.0	744.33	-1334.49	54.71	-1.694e+04	-1.054e+04	1.203e+05
		5.228e+04	-1.075e+04	-4.54e-04	0.0	0.0	928.51	-1386.26	147.75	-1.867e+04	-1.075e+04	9.299e+04
						12.0	928.51	-1522.26	147.75	-1.867e+04	-9064.98	7.345e+04
171	17	7.631e+04	7469.83	0.03	-272.02	24.0	928.51	-1658.28	147.75	-1.867e+04	-7384.68	5.228e+04
		3.870e+04	5502.10	8.74e-04	0.0	0.0	-867.94	-1573.60	77.54	-1.947e+04	5502.10	7.631e+04
						12.0	-867.94	-1709.61	77.54	-1.947e+04	6485.97	5.832e+04
171	21	7.675e+04	7508.61	0.03	-272.02	24.0	-867.94	-1845.62	77.54	-1.947e+04	7469.83	3.870e+04
		3.898e+04	5531.37	8.45e-04	0.0	0.0	-877.49	-1570.80	86.87	-1.936e+04	5531.37	7.675e+04
						12.0	-877.49	-1706.81	86.87	-1.936e+04	6519.99	5.868e+04
171	24	9.153e+04	-1.038e+04	0.03	-272.02	24.0	-877.49	-1842.83	86.87	-1.936e+04	7508.61	3.898e+04
		5.221e+04	-1.419e+04	-1.30e-03	0.0	0.0	1255.33	-1442.88	154.32	-2.108e+04	-1.419e+04	9.153e+04
						12.0	1255.33	-1578.89	154.32	-2.108e+04	-1.228e+04	7.269e+04
171	36	8.825e+04	-4228.16	0.03	-272.02	24.0	1255.33	-1714.90	154.32	-2.108e+04	-1.038e+04	5.221e+04
		4.866e+04	-7336.36	-3.25e-04	0.0	0.0	533.06	-1449.69	133.09	-1.949e+04	-7336.36	8.825e+04
						12.0	533.06	-1585.70	133.09	-1.949e+04	-5782.26	6.927e+04
171	49	8.054e+04	2707.42	0.03	-272.02	24.0	533.06	-1721.72	133.09	-1.949e+04	-4228.16	4.866e+04
		4.243e+04	242.55	2.82e-04	0.0	0.0	-302.69	-1538.19	100.79	-1.989e+04	242.55	8.054e+04
						12.0	-302.69	-1674.19	100.79	-1.989e+04	1474.99	6.230e+04
171	53	8.076e+04	2725.77	0.03	-272.02	24.0	-302.69	-1810.21	100.79	-1.989e+04	2707.42	4.243e+04
		4.257e+04	256.46	2.69e-04	0.0	0.0	-307.19	-1536.85	105.07	-1.984e+04	256.46	8.076e+04
						12.0	-307.19	-1672.86	105.07	-1.984e+04	1491.12	6.248e+04
171	56	8.753e+04	-5599.63	0.03	-272.02	24.0	-307.19	-1808.87	105.07	-1.984e+04	2725.77	4.257e+04
		4.861e+04	-8911.77	-7.27e-04	0.0	0.0	685.03	-1476.83	136.12	-2.061e+04	-8911.77	8.753e+04
						12.0	685.03	-1612.84	136.12	-2.061e+04	-7255.70	6.889e+04
171	68	8.790e+04	-3992.72	0.03	-272.02	24.0	685.03	-1748.86	136.12	-2.061e+04	-5599.63	4.861e+04
		4.840e+04	-7082.51	-3.17e-04	0.0	0.0	503.96	-1454.50	132.03	-1.955e+04	-7082.51	8.790e+04
						12.0	503.96	-1590.51	132.03	-1.955e+04	-5537.61	6.897e+04
171	81	8.085e+04	2357.01	0.03	-272.02	24.0	503.96	-1726.52	132.03	-1.955e+04	-3992.72	4.840e+04
		4.270e+04	-143.95	2.39e-04	0.0	0.0	-261.12	-1535.54	102.47	-1.992e+04	-143.95	8.085e+04
						12.0	-261.12	-1671.55	102.47	-1.992e+04	1106.53	6.259e+04
171	85	8.105e+04	2373.82	0.03	-272.02	24.0	-261.12	-1807.57	102.47	-1.992e+04	2357.01	4.270e+04
		4.283e+04	-131.21	2.27e-04	0.0	0.0	-265.24	-1534.32	106.39	-1.987e+04	-131.21	8.105e+04
						12.0	-265.24	-1670.32	106.39	-1.987e+04	1121.31	6.275e+04
171	88	8.724e+04	-5247.68	0.03	-272.02	24.0	-265.24	-1806.34	106.39	-1.987e+04	2373.82	4.283e+04
		4.836e+04	-8524.10	-6.85e-04	0.0	0.0	643.08	-1479.36	134.80	-2.057e+04	-8524.10	8.724e+04
						12.0	643.08	-1615.37	134.80	-2.057e+04	-6885.89	6.862e+04
172	13	-2153.35	1.617e+04	0.03	-272.11	24.0	643.08	-1751.39	134.80	-2.057e+04	-5247.68	4.836e+04
		-5.174e+04	8651.83	-2.90e-04	0.0	0.0	-696.13	-2055.41	304.97	-2.143e+04	8651.83	-2153.35
						12.0	-696.13	-2191.46	304.97	-2.143e+04	1.241e+04	-2.613e+04
172	21	-3107.22	1.875e+04	0.03	-272.11	24.0	-696.13	-2327.52	304.97	-2.143e+04	1.617e+04	-5.174e+04
		-5.145e+04	1.164e+04	8.23e-04	0.0	0.0	-880.26	-2007.31	292.84	-1.910e+04	-3107.22	1.875e+04
						12.0	-880.26	-2143.36	292.84	-1.910e+04	1.519e+04	-2.646e+04
172	24	9032.33	4480.25	0.03	-272.11	24.0	-880.26	-2279.42	292.84	-1.910e+04	1.875e+04	-5.145e+04
		-3.903e+04	-4500.12	-1.32e-03	0.0	0.0	1148.91	-1822.15	378.33	-2.142e+04	-4500.12	9032.33
						12.0	1148.91	-1958.20	378.33	-2.142e+04	-9.93	-1.419e+04
172	45	616.86	1.375e+04	0.03	-272.11	24.0	1148.91	-2094.26	378.33	-2.142e+04	4480.25	-3.903e+04
						0.0	-249.71	-1981.00	321.26	-2.080e+04	5957.91	616.86

			-4.829e+04	5957.91	-2.78e-04	0.0	12.0	-249.71	-2117.05	321.26	-2.080e+04	9856.20	-2.302e+04
							24.0	-249.71	-2253.11	321.26	-2.080e+04	1.375e+04	-4.829e+04
172	53	174.54	1.494e+04	0.03	-272.11	0.0	0.0	-335.23	-1957.68	315.76	-1.974e+04	7325.73	174.54
			-4.813e+04	7325.73	2.47e-04	0.0	12.0	-335.23	-2093.73	315.76	-1.974e+04	1.113e+04	-2.316e+04
							24.0	-335.23	-2229.79	315.76	-1.974e+04	1.494e+04	-4.813e+04
172	56	5750.56	8290.48	0.03	-272.11	0.0	0.0	603.89	-1871.77	355.41	-2.078e+04	-187.80	5750.56
			-4.236e+04	-187.80	-7.49e-04	0.0	12.0	603.89	-2007.82	355.41	-2.078e+04	4051.34	-1.749e+04
							24.0	603.89	-2143.88	355.41	-2.078e+04	8290.48	-4.236e+04
172	77	816.00	1.357e+04	0.03	-272.11	0.0	0.0	-217.18	-1975.42	322.47	-2.075e+04	5756.49	816.00
			-4.803e+04	5756.49	-2.76e-04	0.0	12.0	-217.18	-2111.47	322.47	-2.075e+04	9665.23	-2.279e+04
							24.0	-217.18	-2247.53	322.47	-2.075e+04	1.357e+04	-4.803e+04
172	85	411.12	1.465e+04	0.03	-272.11	0.0	0.0	-295.47	-1954.05	317.44	-1.978e+04	7008.15	411.12
			-4.788e+04	7008.15	2.05e-04	0.0	12.0	-295.47	-2090.10	317.44	-1.978e+04	1.083e+04	-2.292e+04
							24.0	-295.47	-2226.16	317.44	-1.978e+04	1.465e+04	-4.788e+04
172	88	5513.98	8571.33	0.03	-272.11	0.0	0.0	564.13	-1875.41	353.74	-2.073e+04	129.79	5513.98
			-4.260e+04	129.79	-7.07e-04	0.0	12.0	564.13	-2011.46	353.74	-2.073e+04	4350.56	-1.773e+04
							24.0	564.13	-2147.52	353.74	-2.073e+04	8571.33	-4.260e+04
173	6	-1.009e+05	3.845e+04	0.03	-230.33	0.0	0.0	-762.59	-2823.30	565.90	-4490.64	2.456e+04	-1.009e+05
			-1.656e+05	2.456e+04	-1.21e-03	0.0	12.0	-762.59	-2959.39	565.90	-4490.64	3.150e+04	-1.325e+05
							24.0	-762.59	-3053.64	565.90	-4490.64	3.845e+04	-1.656e+05
173	13	-1.050e+05	3.699e+04	0.03	-230.33	0.0	0.0	-353.48	-2859.93	460.54	-2695.04	2.711e+04	-1.050e+05
			-1.702e+05	2.711e+04	-2.57e-04	0.0	12.0	-353.48	-2996.02	460.54	-2695.04	3.205e+04	-1.369e+05
							24.0	-353.48	-3090.26	460.54	-2695.04	3.699e+04	-1.702e+05
173	16	-8.531e+04	2.478e+04	0.03	-230.33	0.0	0.0	620.14	-2477.26	228.38	-161.75	1.815e+04	-8.531e+04
			-1.424e+05	1.815e+04	4.37e-05	0.0	12.0	620.14	-2613.35	228.38	-161.75	2.147e+04	-1.131e+05
							24.0	620.14	-2707.59	228.38	-161.75	2.478e+04	-1.424e+05
173	22	-9.249e+04	3.497e+04	0.03	-230.33	0.0	0.0	-950.69	-2630.96	596.15	-4417.01	1.888e+04	-9.249e+04
			-1.536e+05	1.888e+04	-1.49e-03	0.0	12.0	-950.69	-2767.05	596.15	-4417.01	2.692e+04	-1.223e+05
							24.0	-950.69	-2861.29	596.15	-4417.01	3.497e+04	-1.536e+05
173	23	-9.785e+04	2.680e+04	0.03	-230.33	0.0	0.0	1217.36	-2706.23	92.77	1560.22	2.638e+04	-9.785e+04
			-1.589e+05	2.638e+04	1.28e-03	0.0	12.0	1217.36	-2842.32	92.77	1560.22	2.659e+04	-1.277e+05
							24.0	1217.36	-2936.56	92.77	1560.22	2.680e+04	-1.589e+05
173	24	-8.758e+04	3.093e+04	0.03	-230.33	0.0	0.0	-513.61	-2531.56	499.90	-3204.34	1.691e+04	-8.758e+04
			-1.465e+05	1.691e+04	-1.19e-03	0.0	12.0	-513.61	-2667.65	499.90	-3204.34	2.392e+04	-1.163e+05
							24.0	-513.61	-2761.89	499.90	-3204.34	3.093e+04	-1.465e+05
173	38	-9.791e+04	3.448e+04	0.03	-230.33	0.0	0.0	-275.51	-2741.98	449.16	-2820.06	2.356e+04	-9.791e+04
			-1.607e+05	2.356e+04	-6.36e-04	0.0	12.0	-275.51	-2878.07	449.16	-2820.06	2.902e+04	-1.286e+05
							24.0	-275.51	-2972.31	449.16	-2820.06	3.448e+04	-1.607e+05
173	45	-9.984e+04	3.380e+04	0.03	-230.33	0.0	0.0	-88.50	-2758.51	400.29	-2001.23	2.474e+04	-9.984e+04
			-1.629e+05	2.474e+04	-1.85e-04	0.0	12.0	-88.50	-2894.60	400.29	-2001.23	2.927e+04	-1.306e+05
							24.0	-88.50	-2988.84	400.29	-2001.23	3.380e+04	-1.629e+05
173	48	-9.050e+04	2.797e+04	0.03	-230.33	0.0	0.0	355.17	-2578.67	288.63	-855.56	2.051e+04	-9.050e+04
			-1.497e+05	2.051e+04	-3.12e-05	0.0	12.0	355.17	-2714.76	288.63	-855.56	2.424e+04	-1.194e+05
							24.0	355.17	-2809.00	288.63	-855.56	2.797e+04	-1.497e+05
173	54	-9.394e+04	3.279e+04	0.03	-230.33	0.0	0.0	-362.66	-2652.16	461.15	-2782.33	2.089e+04	-9.394e+04
			-1.551e+05	2.089e+04	-7.55e-04	0.0	12.0	-362.66	-2788.25	461.15	-2782.33	2.684e+04	-1.238e+05
							24.0	-362.66	-2882.49	461.15	-2782.33	3.279e+04	-1.551e+05
173	55	-9.640e+04	2.899e+04	0.03	-230.33	0.0	0.0	629.32	-2685.02	227.76	-74.45	2.437e+04	-9.640e+04
			-1.575e+05	2.437e+04	5.42e-04	0.0	12.0	629.32	-2821.12	227.76	-74.45	2.668e+04	-1.262e+05
							24.0	629.32	-2915.36	227.76	-74.45	2.899e+04	-1.575e+05
173	56	-9.161e+04	3.086e+04	0.03	-230.33	0.0	0.0	-162.98	-2605.25	415.42	-2233.12	1.996e+04	-9.161e+04
			-1.517e+05	1.996e+04	-6.10e-04	0.0	12.0	-162.98	-2741.34	415.42	-2233.12	2.541e+04	-1.209e+05
							24.0	-162.98	-2835.58	415.42	-2233.12	3.086e+04	-1.517e+05
173	70	-9.768e+04	3.418e+04	0.03	-230.33	0.0	0.0	-240.76	-2735.81	440.35	-2701.62	2.348e+04	-9.768e+04
			-1.604e+05	2.348e+04	-5.92e-04	0.0	12.0	-240.76	-2871.90	440.35	-2701.62	2.883e+04	-1.283e+05
							24.0	-240.76	-2966.14	440.35	-2701.62	3.418e+04	-1.604e+05
173	77	-9.945e+04	3.356e+04	0.03	-230.33	0.0	0.0	-69.63	-2750.93	395.61	-1952.41	2.457e+04	-9.945e+04
			-1.623e+05	2.457e+04	-1.78e-04	0.0	12.0	-69.63	-2887.02	395.61	-1952.41	2.906e+04	-1.301e+05
							24.0	-69.63	-2981.26	395.61	-1952.41	3.356e+04	-1.623e+05
173	80	-9.089e+04	2.821e+04	0.03	-230.33	0.0	0.0	336.30	-2586.25	293.31	-904.38	2.069e+04	-9.089e+04
			-1.503e+05	2.069e+04	-3.65e-05	0.0	12.0	336.30	-2722.35	293.31	-904.38	2.445e+04	-1.198e+05
							24.0	336.30	-2816.59	293.31	-904.38	2.821e+04	-1.503e+05
173	86	-9.405e+04	3.262e+04	0.03	-230.33	0.0	0.0	-320.52	-2653.58	451.28	-2667.00	2.104e+04	-9.405e+04
			-1.552e+05	2.104e+04	-7.00e-04	0.0	12.0	-320.52	-2789.67	451.28	-2667.00	2.683e+04	-1.239e+05
							24.0	-320.52	-2883.91	451.28	-2667.00	3.262e+04	-1.552e+05
173	87	-9.629e+04	2.915e+04	0.03	-230.33	0.0	0.0	587.19	-2683.61	237.64	-189.79	2.422e+04	-9.629e+04
			-1.574e+05	2.422e+04	4.87e-04	0.0	12.0	587.19	-2819.70	237.64	-189.79	2.688e+04	-1.261e+05
							24.0	587.19	-2913.94	237.64	-189.79	2.915e+04	-1.574e+05
173	88	-9.191e+04	3.086e+04	0.03	-230.33	0.0	0.0	-137.82	-2610.61	409.39	-2164.57	2.018e+04	-9.191e+04
			-1.521e+05	2.018e+04	-5.67e-04	0.0	12.0	-137.82	-2746.71	409.39	-2164.57	2.552e+04	-1.213e+05
							24.0	-137.82	-2840.95	409.39	-2164.57	3.086e+04	-1.521e+05
174	6	923.03	3.175e+05	-9.08e-03	-142.47	0.0	0.0	-8625.03	1000.35	-2295.26	-3.513e+04	3.175e+05	-2.495e+04
			-2.495e+04	2.547e+05	-2.72e-03	0.0	13.8	-8636.18	929.35	-2295.26	-3.513e+04	2.861e+05	-1.152e+04
							27.5	-8647.39	857.88	-2295.26	-3.513e+04	2.547e+05	923.03
174	7	2.157e+04	3.321e+05	-9.01e-03	-142.47	0.0	0.0	-1.089e+04	825.67	-2226.26	-3.720e+04	3.321e+05	-1407.75
			-1407.75	2.705e+05	-1.69e-03	0.0	13.8	-1.090e+04	754.68	-2226.26	-3.720e+04	3.013e+05	1.057e+04
							27.5	-1.091e+04	683.21	-2226.26	-3.720e+04	2.705e+05	2.157e+04

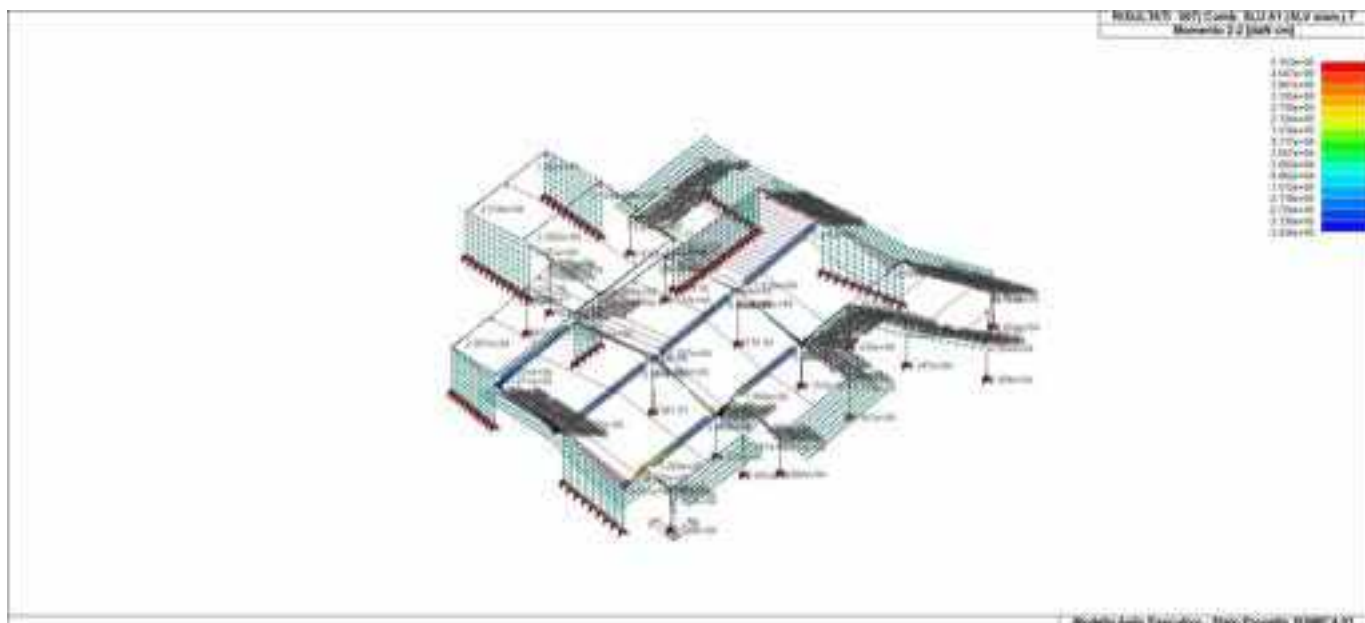
174	31	2.030e+04	3.328e+05	-9.31e-03	-142.47	0.0	-1.042e+04	802.49	-2277.83	-3.489e+04	3.328e+05	-3449.14
		-3449.14	2.700e+05	-1.84e-03	0.0	13.8	-1.043e+04	731.49	-2277.83	-3.489e+04	3.014e+05	8916.70
						27.5	-1.044e+04	660.03	-2277.83	-3.489e+04	2.700e+05	2.030e+04
174	38	6371.39	3.214e+05	-9.07e-03	-142.47	0.0	-9218.09	953.80	-2276.78	-3.570e+04	3.214e+05	-1.875e+04
		-1.875e+04	2.589e+05	-2.45e-03	0.0	13.8	-9229.23	882.80	-2276.78	-3.570e+04	2.902e+05	-5701.88
						27.5	-9240.45	811.33	-2276.78	-3.570e+04	2.589e+05	6371.39
174	39	1.612e+04	3.283e+05	-9.02e-03	-142.47	0.0	-1.030e+04	872.23	-2244.73	-3.663e+04	3.283e+05	-7601.95
		-7601.95	2.663e+05	-1.96e-03	0.0	13.8	-1.031e+04	801.23	-2244.73	-3.663e+04	2.973e+05	4748.41
						27.5	-1.032e+04	729.76	-2244.73	-3.663e+04	2.663e+05	1.612e+04
174	63	1.542e+04	3.285e+05	-9.16e-03	-142.47	0.0	-1.007e+04	862.54	-2268.31	-3.560e+04	3.285e+05	-8668.11
		-8668.11	2.660e+05	-2.04e-03	0.0	13.8	-1.008e+04	791.54	-2268.31	-3.560e+04	2.973e+05	3866.01
						27.5	-1.009e+04	720.07	-2268.31	-3.560e+04	2.660e+05	1.542e+04
174	70	6781.80	3.217e+05	-9.06e-03	-142.47	0.0	-9263.36	950.35	-2275.43	-3.574e+04	3.217e+05	-1.829e+04
		-1.829e+04	2.592e+05	-2.43e-03	0.0	13.8	-9274.50	879.35	-2275.43	-3.574e+04	2.905e+05	-5262.09
						27.5	-9285.72	807.89	-2275.43	-3.574e+04	2.592e+05	6781.80
174	71	1.571e+04	3.280e+05	-9.03e-03	-142.47	0.0	-1.025e+04	875.67	-2246.09	-3.659e+04	3.280e+05	-8071.11
		-8071.11	2.660e+05	-1.98e-03	0.0	13.8	-1.026e+04	804.67	-2246.09	-3.659e+04	2.970e+05	4308.62
						27.5	-1.027e+04	733.20	-2246.09	-3.659e+04	2.660e+05	1.571e+04
174	95	1.507e+04	3.282e+05	-9.15e-03	-142.47	0.0	-1.004e+04	866.83	-2267.66	-3.565e+04	3.282e+05	-9049.85
		-9049.85	2.657e+05	-2.05e-03	0.0	13.8	-1.005e+04	795.83	-2267.66	-3.565e+04	2.970e+05	3498.18
						27.5	-1.006e+04	724.36	-2267.66	-3.565e+04	2.657e+05	1.507e+04
175	6	4.500e+04	2.097e+05	-8.34e-03	-146.23	0.0	-7280.34	799.48	-1222.85	-1.338e+04	2.097e+05	2.502e+04
		2.502e+04	1.760e+05	-1.74e-03	0.0	13.8	-7291.78	726.60	-1222.85	-1.338e+04	1.929e+05	3.551e+04
						27.5	-7303.30	653.25	-1222.85	-1.338e+04	1.760e+05	4.500e+04
175	7	6.174e+04	2.281e+05	-7.54e-03	-146.23	0.0	-1.004e+04	670.43	-1107.70	-1.594e+04	2.281e+05	4.353e+04
		4.353e+04	1.977e+05	-6.85e-04	0.0	13.8	-1.005e+04	597.55	-1107.70	-1.594e+04	2.129e+05	5.314e+04
						27.5	-1.006e+04	524.20	-1107.70	-1.594e+04	1.977e+05	6.174e+04
175	26	4.400e+04	2.111e+05	-7.85e-03	-146.23	0.0	-7828.68	817.72	-1162.56	-1.595e+04	2.111e+05	2.493e+04
		2.493e+04	1.785e+05	-1.60e-03	0.0	13.8	-7840.11	744.84	-1162.56	-1.595e+04	1.948e+05	3.496e+04
						27.5	-7851.63	671.49	-1162.56	-1.595e+04	1.785e+05	4.400e+04
175	27	6.274e+04	2.268e+05	-8.03e-03	-146.23	0.0	-9487.48	652.18	-1167.99	-1.337e+04	2.268e+05	4.363e+04
		4.363e+04	1.952e+05	-8.24e-04	0.0	13.8	-9498.92	579.31	-1167.99	-1.337e+04	2.110e+05	5.369e+04
						27.5	-9510.43	505.96	-1167.99	-1.337e+04	1.952e+05	6.274e+04
175	38	4.945e+04	2.146e+05	-8.13e-03	-146.23	0.0	-8001.80	765.26	-1192.69	-1.407e+04	2.146e+05	2.993e+04
		2.993e+04	1.818e+05	-1.46e-03	0.0	13.8	-8013.24	692.38	-1192.69	-1.407e+04	1.982e+05	4.019e+04
						27.5	-8024.75	619.03	-1192.69	-1.407e+04	1.818e+05	4.945e+04
175	39	5.729e+04	2.233e+05	-7.75e-03	-146.23	0.0	-9314.36	704.64	-1137.86	-1.525e+04	2.233e+05	3.863e+04
		3.863e+04	1.920e+05	-9.61e-04	0.0	13.8	-9325.80	631.76	-1137.86	-1.525e+04	2.076e+05	4.846e+04
						27.5	-9337.31	558.42	-1137.86	-1.525e+04	1.920e+05	5.729e+04
175	59	5.767e+04	2.226e+05	-7.97e-03	-146.23	0.0	-9049.43	696.76	-1166.20	-1.409e+04	2.226e+05	3.858e+04
		3.858e+04	1.907e+05	-1.03e-03	0.0	13.8	-9060.86	623.88	-1166.20	-1.409e+04	2.066e+05	4.862e+04
						27.5	-9072.38	550.53	-1166.20	-1.409e+04	1.907e+05	5.767e+04
175	70	4.978e+04	2.150e+05	-8.12e-03	-146.23	0.0	-8056.93	762.70	-1190.39	-1.412e+04	2.150e+05	3.029e+04
		3.029e+04	1.822e+05	-1.44e-03	0.0	13.8	-8068.37	689.83	-1190.39	-1.412e+04	1.986e+05	4.054e+04
						27.5	-8079.88	616.48	-1190.39	-1.412e+04	1.822e+05	4.978e+04
175	71	5.696e+04	2.229e+05	-7.76e-03	-146.23	0.0	-9259.23	707.20	-1140.17	-1.520e+04	2.229e+05	3.826e+04
		3.826e+04	1.915e+05	-9.82e-04	0.0	13.8	-9270.67	634.32	-1140.17	-1.520e+04	2.072e+05	4.811e+04
						27.5	-9282.18	560.97	-1140.17	-1.520e+04	1.915e+05	5.696e+04
175	91	5.730e+04	2.223e+05	-7.97e-03	-146.23	0.0	-9016.46	700.00	-1166.11	-1.413e+04	2.223e+05	3.821e+04
		3.821e+04	1.904e+05	-1.05e-03	0.0	13.8	-9027.90	627.12	-1166.11	-1.413e+04	2.063e+05	4.862e+04
						27.5	-9039.42	553.77	-1166.11	-1.413e+04	1.904e+05	5.730e+04
176	6	7.514e+04	1.489e+05	-5.63e-03	-149.99	0.0	-5783.17	542.52	-842.89	-6360.79	1.489e+05	6.237e+04
		6.237e+04	1.257e+05	-9.99e-04	0.0	13.8	-5794.91	467.76	-842.89	-6360.79	1.373e+05	6.927e+04
						27.5	-5806.71	392.53	-842.89	-6360.79	1.257e+05	7.514e+04
176	7	8.787e+04	1.739e+05	-4.30e-03	-149.99	0.0	-8920.88	416.99	-737.46	-8962.00	1.739e+05	7.714e+04
		7.714e+04	1.537e+05	1.18e-04	0.0	13.8	-8932.62	342.23	-737.46	-8962.00	1.638e+05	8.302e+04
						27.5	-8944.42	267.00	-737.46	-8962.00	1.537e+05	8.787e+04
176	26	7.252e+04	1.526e+05	-5.04e-03	-149.99	0.0	-6464.87	551.53	-793.34	-8950.92	1.526e+05	6.056e+04
		6.056e+04	1.304e+05	-8.04e-04	0.0	13.8	-6476.60	476.77	-793.34	-8950.92	1.415e+05	6.706e+04
						27.5	-6488.41	401.54	-793.34	-8950.92	1.304e+05	7.252e+04
176	27	9.049e+04	1.703e+05	-4.88e-03	-149.99	0.0	-8239.19	407.98	-787.01	-6371.86	1.703e+05	7.895e+04
		7.895e+04	1.490e+05	-9.34e-05	0.0	13.8	-8250.92	333.22	-787.01	-6371.86	1.597e+05	8.524e+04
						27.5	-8262.73	258.00	-787.01	-6371.86	1.490e+05	9.049e+04
176	38	7.855e+04	1.555e+05	-5.28e-03	-149.99	0.0	-6604.58	509.24	-815.30	-7053.88	1.555e+05	6.631e+04
		6.631e+04	1.331e+05	-7.07e-04	0.0	13.8	-6616.31	434.48	-815.30	-7053.88	1.443e+05	7.295e+04
						27.5	-6628.12	359.25	-815.30	-7053.88	1.331e+05	7.855e+04
176	39	8.446e+04	1.673e+05	-4.64e-03	-149.99	0.0	-8099.48	450.27	-765.05	-8268.91	1.673e+05	7.320e+04
		7.320e+04	1.463e+05	-1.75e-04	0.0	13.8	-8111.21	375.51	-765.05	-8268.91	1.568e+05	7.934e+04
						27.5	-8123.02	300.28	-765.05	-8268.91	1.463e+05	8.446e+04
176	58	7.739e+04	1.573e+05	-5.00e-03	-149.99	0.0	-6933.25	512.82	-791.89	-8232.88	1.573e+05	6.555e+04
		6.555e+04	1.354e+05	-6.11e-04	0.0	13.8	-6944.98	438.06	-791.89	-8232.88	1.464e+05	7.198e+04
						27.5	-6956.79	362.83	-791.89	-8232.88	1.354e+05	7.739e+04
176	59	8.561e+04	1.656e+05	-4.92e-03	-149.99	0.0	-7770.81	446.69	-788.46	-7089.91	1.656e+05	7.397e+04
		7.397e+04	1.440e+05	-2.70e-04	0.0	13.8	-7782.54	371.93	-788.46	-7089.91	1.548e+05	8.031e+04
						27.5	-7794.35	296.70	-788.46	-7089.91	1.440e+05	8.561e+04
176	70	7.880e+04	1.560e+05	-5.25e-03	-149.99	0.0	-6667.37	506.75	-813.19	-7105.17	1.560e+05	6.660e+04
		6.660e+04	1.337e+05	-6.84e-04	0.0	13.8	-6679.10	431.99	-813.19	-7105.17	1.448e+05	7.322e+04

176	71	8.421e+04	1.668e+05	-4.67e-03	-149.99	27.5	-6690.91	356.77	-813.19	-7105.17	1.337e+05	7.880e+04
		7.291e+04	1.458e+05	-1.97e-04	0.0	0.0	-8036.69	452.76	-767.16	-8217.61	1.668e+05	7.291e+04
176	90	7.774e+04	1.577e+05	-5.00e-03	-149.99	13.8	-8048.42	378.00	-767.16	-8217.61	1.563e+05	7.907e+04
		6.591e+04	1.357e+05	-5.97e-04	0.0	27.5	-8060.23	302.77	-767.16	-8217.61	1.458e+05	8.421e+04
176	91	8.527e+04	1.652e+05	-4.92e-03	-149.99	0.0	-6968.52	510.02	-791.76	-8183.89	1.577e+05	6.591e+04
		7.361e+04	1.437e+05	-2.85e-04	0.0	13.8	-6980.25	435.26	-791.76	-8183.89	1.467e+05	7.234e+04
177	6	9.286e+04	1.048e+05	-1.63e-03	-153.75	27.5	-6992.06	360.03	-791.76	-8183.89	1.357e+05	7.774e+04
		8.892e+04	8.541e+04	-4.51e-04	0.0	0.0	-7735.54	449.49	-788.60	-7138.90	1.652e+05	7.361e+04
177	7	9.228e+04	1.351e+05	-2.89e-04	-153.75	13.8	-7747.27	374.73	-788.60	-7138.90	1.544e+05	7.995e+04
		9.010e+04	1.173e+05	7.61e-04	0.0	27.5	-7759.08	299.51	-788.60	-7138.90	1.437e+05	8.527e+04
177	29	8.416e+04	1.221e+05	-9.23e-04	-153.75	0.0	-4199.20	241.85	-706.19	-4172.71	1.048e+05	8.892e+04
		8.092e+04	1.030e+05	2.35e-04	0.0	13.8	-4211.23	165.21	-706.19	-4172.71	9.511e+04	9.142e+04
177	32	1.010e+05	1.178e+05	-7.81e-04	-153.75	27.5	-4223.33	88.10	-706.19	-4172.71	8.541e+04	9.286e+04
		9.809e+04	9.971e+04	7.46e-05	0.0	0.0	-7574.90	105.88	-646.60	-6573.40	1.351e+05	9.010e+04
177	38	9.270e+04	1.128e+05	-1.21e-03	-153.75	13.8	-7586.93	29.24	-646.60	-6573.40	1.262e+05	9.172e+04
		8.921e+04	9.380e+04	-1.34e-04	0.0	27.5	-7599.03	-47.87	-646.60	-6573.40	1.173e+05	9.228e+04
177	39	9.244e+04	1.271e+05	-5.42e-04	-153.75	0.0	-5970.68	124.30	-702.71	-2736.28	1.221e+05	8.092e+04
		8.980e+04	1.089e+05	4.44e-04	0.0	13.8	-5982.71	47.66	-702.71	-2736.28	1.125e+05	8.307e+04
177	61	8.871e+04	1.209e+05	-8.81e-04	-153.75	27.5	-5994.81	-29.45	-702.71	-2736.28	1.030e+05	8.416e+04
		8.557e+04	1.020e+05	1.91e-04	0.0	0.0	-5803.43	223.43	-650.08	-8009.82	1.178e+05	9.809e+04
177	64	9.642e+04	1.190e+05	-8.11e-04	-153.75	13.8	-5815.46	146.80	-650.08	-8009.82	1.088e+05	1.001e+05
		9.344e+04	1.007e+05	1.19e-04	0.0	27.5	-5827.56	69.69	-650.08	-8009.82	9.971e+04	1.010e+05
177	70	9.269e+04	1.134e+05	-1.18e-03	-153.75	0.0	-5082.89	205.59	-690.58	-4806.89	1.128e+05	8.921e+04
		8.924e+04	9.444e+04	-1.10e-04	0.0	13.8	-5094.92	128.96	-690.58	-4806.89	1.033e+05	9.149e+04
177	71	9.245e+04	1.265e+05	-5.64e-04	-153.75	27.5	-5107.02	51.85	-690.58	-4806.89	9.380e+04	9.270e+04
		8.978e+04	1.083e+05	4.20e-04	0.0	0.0	-6691.22	142.14	-662.21	-5939.21	1.271e+05	8.980e+04
177	93	8.904e+04	1.208e+05	-8.77e-04	-153.75	13.8	-6703.25	65.50	-662.21	-5939.21	1.180e+05	9.165e+04
		8.591e+04	1.020e+05	1.88e-04	0.0	27.5	-6715.35	-11.61	-662.21	-5939.21	1.089e+05	9.244e+04
177	96	9.610e+04	1.191e+05	-8.14e-04	-153.75	0.0	-5922.51	151.70	-688.72	-4172.41	1.209e+05	9.257e+04
		9.311e+04	1.007e+05	1.22e-04	0.0	13.8	-5934.53	75.06	-688.72	-4172.41	1.115e+05	8.767e+04
178	6	9.539e+04	6.705e+04	3.25e-03	-157.51	27.5	-5946.64	-2.05	-688.72	-4172.41	1.020e+05	8.871e+04
		8.984e+04	4.940e+04	-7.72e-05	0.0	0.0	-5851.60	196.03	-664.08	-6573.70	1.190e+05	9.344e+04
178	7	8.730e+04	9.968e+04	3.99e-03	-157.51	13.8	-5863.63	119.40	-664.08	-6573.70	1.099e+05	9.546e+04
		8.047e+04	8.192e+04	1.25e-03	0.0	27.5	-5875.73	42.29	-664.08	-6573.70	1.007e+05	9.642e+04
178	30	9.975e+04	7.437e+04	3.67e-03	-157.51	0.0	-5150.44	202.91	-689.39	-4854.57	1.134e+05	8.924e+04
		9.361e+04	5.694e+04	3.36e-04	0.0	13.8	-5162.47	126.28	-689.39	-4854.57	1.039e+05	9.149e+04
178	31	8.294e+04	9.236e+04	3.57e-03	-157.51	27.5	-5174.57	49.17	-689.39	-4854.57	9.444e+04	9.269e+04
		7.670e+04	7.438e+04	8.33e-04	0.0	0.0	-6623.67	144.82	-663.40	-5891.54	1.265e+05	8.978e+04
178	38	9.320e+04	7.564e+04	3.44e-03	-157.51	13.8	-6635.69	68.18	-663.40	-5891.54	1.174e+05	9.164e+04
		8.732e+04	5.795e+04	2.69e-04	0.0	27.5	-6647.80	-8.93	-663.40	-5891.54	1.083e+05	9.245e+04
178	39	8.950e+04	9.109e+04	3.80e-03	-157.51	0.0	-5919.43	153.59	-687.68	-4274.53	1.208e+05	8.591e+04
		8.299e+04	7.336e+04	9.00e-04	0.0	13.8	-5931.46	76.95	-687.68	-4274.53	1.114e+05	8.800e+04
178	62	9.520e+04	7.919e+04	3.64e-03	-157.51	27.5	-5943.56	-0.15	-687.68	-4274.53	1.020e+05	8.904e+04
		8.903e+04	6.160e+04	4.67e-04	0.0	0.0	-5854.68	194.14	-665.12	-6471.57	1.191e+05	9.311e+04
178	63	8.749e+04	8.755e+04	3.60e-03	-157.51	13.8	-5866.71	117.50	-665.12	-6471.57	1.099e+05	9.513e+04
		8.128e+04	6.972e+04	7.02e-04	0.0	27.5	-5878.81	40.39	-665.12	-6471.57	1.007e+05	9.610e+04
178	70	9.304e+04	7.629e+04	3.45e-03	-157.51	0.0	-2615.76	-85.10	-625.92	-3349.22	6.705e+04	9.539e+04
		8.713e+04	5.860e+04	2.95e-04	0.0	13.8	-2628.08	-163.62	-625.92	-3349.22	5.822e+04	9.316e+04
178	71	8.965e+04	9.044e+04	3.78e-03	-157.51	27.5	-2640.48	-242.60	-625.92	-3349.22	4.940e+04	8.984e+04
						0.0	-6091.19	-222.53	-661.27	-5514.30	9.968e+04	8.730e+04
178	94	9.487e+04	7.954e+04	3.64e-03	-157.51	13.8	-6103.51	-301.05	-661.27	-5514.30	9.080e+04	8.443e+04
						27.5	-6115.91	-380.04	-661.27	-5514.30	8.192e+04	8.047e+04
178						0.0	-3517.34	-80.56	-634.05	-5539.32	7.437e+04	9.975e+04
						13.8	-3529.66	-159.07	-634.05	-5539.32	6.565e+04	9.723e+04
178						27.5	-3542.06	-238.06	-634.05	-5539.32	5.694e+04	9.361e+04
						0.0	-5189.61	-227.07	-653.14	-3324.20	9.236e+04	8.294e+04
178						13.8	-5201.93	-305.59	-653.14	-3324.20	8.337e+04	8.036e+04
						27.5	-5214.33	-384.58	-653.14	-3324.20	7.438e+04	7.670e+04
178						0.0	-3525.58	-121.71	-635.62	-3917.60	7.564e+04	9.320e+04
						13.8	-3537.91	-200.23	-635.62	-3917.60	6.680e+04	9.080e+04
178						27.5	-3550.30	-279.22	-635.62	-3917.60	5.795e+04	8.732e+04
						0.0	-5181.36	-185.92	-651.57	-4945.92	9.109e+04	8.950e+04
178						13.8	-5193.69	-264.43	-651.57	-4945.92	8.223e+04	8.679e+04
						27.5	-5206.08	-343.42	-651.57	-4945.92	7.336e+04	8.299e+04
178						0.0	-3959.94	-120.50	-639.31	-4909.01	7.919e+04	9.520e+04
						13.8	-3972.26	-199.02	-639.31	-4909.01	7.039e+04	9.266e+04
178						27.5	-3984.66	-278.01	-639.31	-4909.01	6.160e+04	8.903e+04
						0.0	-4747.01	-187.13	-647.88	-3954.51	8.755e+04	8.749e+04
178						13.8	-4759.33	-265.64	-647.88	-3954.51	7.863e+04	8.493e+04
						27.5	-4771.73	-344.63	-647.88	-3954.51	6.972e+04	8.128e+04
178						0.0	-3595.13	-124.42	-636.30	-3960.81	7.629e+04	9.304e+04
						13.8	-3607.45	-202.94	-636.30	-3960.81	6.745e+04	9.063e+04
178						27.5	-3619.85	-281.93	-636.30	-3960.81	5.860e+04	8.713e+04
						0.0	-5111.82	-183.20	-650.89	-4902.70	9.044e+04	8.965e+04
178						13.8	-5124.14	-261.72	-650.89	-4902.70	8.158e+04	8.696e+04
						27.5	-5136.54	-340.71	-650.89	-4902.70	7.272e+04	8.318e+04
178	94	9.487e+04	7.954e+04	3.64e-03	-157.51	0.0	-3993.10	-123.34	-639.68	-4867.76	7.954e+04	9.487e+04

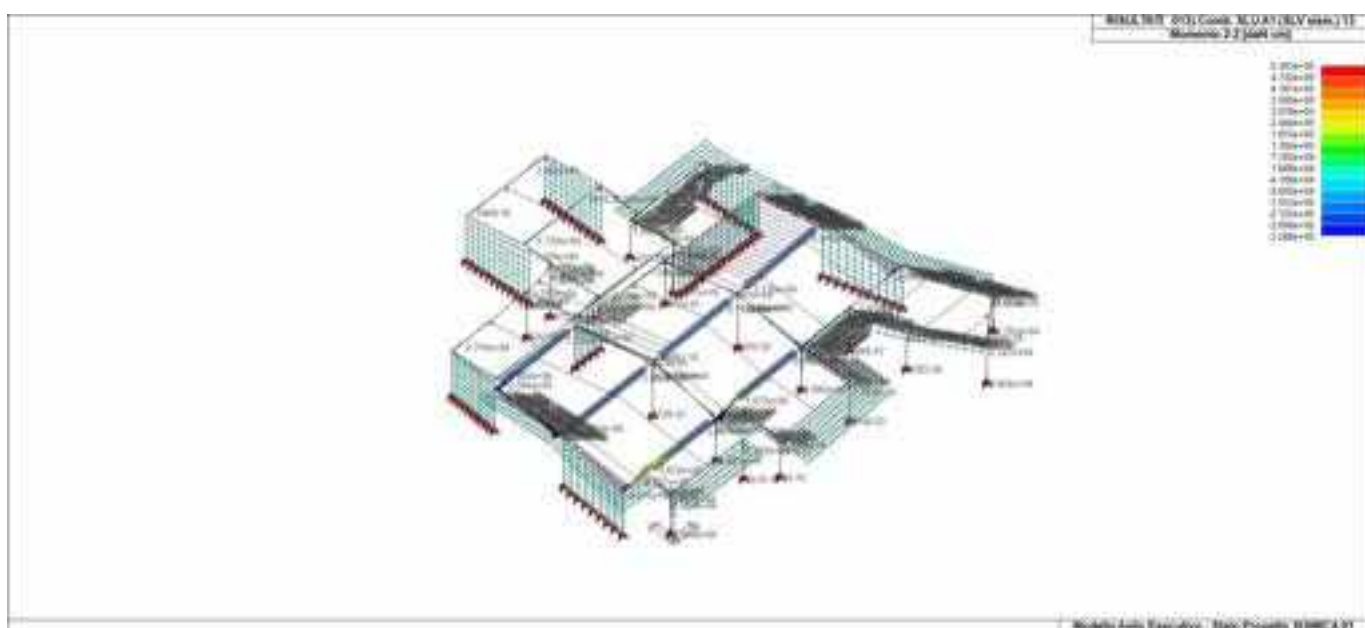
		8.870e+04	6.194e+04	4.77e-04	0.0	13.8	-4005.43	-201.85	-639.68	-4867.76	7.074e+04	9.233e+04
						27.5	-4017.83	-280.84	-639.68	-4867.76	6.194e+04	8.870e+04
178	95	8.782e+04	8.719e+04	3.60e-03	-157.51	0.0	-4713.84	-184.29	-647.51	-3995.75	8.719e+04	8.782e+04
		8.161e+04	6.937e+04	6.92e-04	0.0	13.8	-4726.16	-262.81	-647.51	-3995.75	7.828e+04	8.526e+04
						27.5	-4738.56	-341.80	-647.51	-3995.75	6.937e+04	8.161e+04
179	6	8.018e+04	3.204e+04	6.98e-03	-161.26	0.0	-1087.87	-425.82	-639.13	-1926.70	3.204e+04	8.018e+04
		6.547e+04	1.435e+04	1.39e-04	0.0	13.8	-1100.49	-506.21	-639.13	-1926.70	2.319e+04	7.338e+04
						27.5	-1113.18	-587.08	-639.13	-1926.70	1.435e+04	6.547e+04
179	7	6.850e+04	6.347e+04	7.98e-03	-161.26	0.0	-4537.83	-559.15	-733.83	-3923.31	6.347e+04	6.850e+04
		5.171e+04	4.340e+04	1.57e-03	0.0	13.8	-4550.45	-639.55	-733.83	-3923.31	5.343e+04	6.066e+04
						27.5	-4563.15	-720.41	-733.83	-3923.31	4.340e+04	5.171e+04
179	26	8.321e+04	3.924e+04	7.53e-03	-161.26	0.0	-1900.59	-417.13	-646.38	-4331.86	3.924e+04	8.321e+04
		6.754e+04	2.127e+04	5.60e-04	0.0	13.8	-1913.20	-497.53	-646.38	-4331.86	3.026e+04	7.593e+04
						27.5	-1925.90	-578.40	-646.38	-4331.86	2.127e+04	6.754e+04
179	27	6.548e+04	5.628e+04	7.43e-03	-161.26	0.0	-3725.12	-567.83	-726.57	-1518.15	5.628e+04	6.548e+04
		4.965e+04	3.647e+04	1.15e-03	0.0	13.8	-3737.74	-648.23	-726.57	-1518.15	4.637e+04	5.812e+04
						27.5	-3750.43	-729.10	-726.57	-1518.15	3.647e+04	4.965e+04
179	38	7.705e+04	4.031e+04	7.23e-03	-161.26	0.0	-1991.14	-461.18	-664.24	-2451.88	4.031e+04	7.705e+04
		6.180e+04	2.198e+04	5.13e-04	0.0	13.8	-2003.76	-541.57	-664.24	-2451.88	3.114e+04	6.998e+04
						27.5	-2016.45	-622.44	-664.24	-2451.88	2.198e+04	6.180e+04
179	39	7.163e+04	5.521e+04	7.73e-03	-161.26	0.0	-3634.56	-523.79	-708.71	-3398.13	5.521e+04	7.163e+04
		5.538e+04	3.576e+04	1.20e-03	0.0	13.8	-3647.18	-604.19	-708.71	-3398.13	4.548e+04	6.406e+04
						27.5	-3659.87	-685.05	-708.71	-3398.13	3.576e+04	5.538e+04
179	58	7.840e+04	4.378e+04	7.50e-03	-161.26	0.0	-2383.01	-457.74	-667.86	-3547.46	4.378e+04	7.840e+04
		6.269e+04	2.533e+04	7.15e-04	0.0	13.8	-2395.62	-538.14	-667.86	-3547.46	3.455e+04	7.110e+04
						27.5	-2408.32	-619.00	-667.86	-3547.46	2.533e+04	6.269e+04
179	59	7.029e+04	5.173e+04	7.46e-03	-161.26	0.0	-3242.70	-527.23	-705.09	-2302.55	5.173e+04	7.029e+04
		5.450e+04	3.242e+04	9.98e-04	0.0	13.8	-3255.32	-607.62	-705.09	-2302.55	4.207e+04	6.295e+04
						27.5	-3268.01	-688.49	-705.09	-2302.55	3.242e+04	5.450e+04
179	70	7.683e+04	4.093e+04	7.25e-03	-161.26	0.0	-2060.17	-463.82	-666.12	-2491.67	4.093e+04	7.683e+04
		6.153e+04	2.256e+04	5.42e-04	0.0	13.8	-2072.79	-544.21	-666.12	-2491.67	3.175e+04	6.973e+04
						27.5	-2085.48	-625.08	-666.12	-2491.67	2.256e+04	6.153e+04
179	71	7.186e+04	5.458e+04	7.71e-03	-161.26	0.0	-3565.54	-521.15	-706.84	-3358.34	5.458e+04	7.186e+04
		5.565e+04	3.518e+04	1.17e-03	0.0	13.8	-3578.15	-601.55	-706.84	-3358.34	4.488e+04	6.431e+04
						27.5	-3590.85	-682.41	-706.84	-3358.34	3.518e+04	5.565e+04
179	90	7.806e+04	4.412e+04	7.50e-03	-161.26	0.0	-2419.22	-460.68	-669.44	-3494.07	4.412e+04	7.806e+04
		6.234e+04	2.563e+04	7.27e-04	0.0	13.8	-2431.84	-541.08	-669.44	-3494.07	3.487e+04	7.075e+04
						27.5	-2444.53	-621.95	-669.44	-3494.07	2.563e+04	6.234e+04
179	91	7.063e+04	5.139e+04	7.46e-03	-161.26	0.0	-3206.48	-524.28	-703.52	-2355.94	5.139e+04	7.063e+04
		5.485e+04	3.212e+04	9.86e-04	0.0	13.8	-3219.10	-604.68	-703.52	-2355.94	4.176e+04	6.329e+04
						27.5	-3231.79	-685.55	-703.52	-2355.94	3.212e+04	5.485e+04
180	6	4.574e+04	-5048.94	9.42e-03	-165.02	0.0	341.57	-793.32	-834.32	3072.01	-5048.94	4.574e+04
		2.039e+04	-2.845e+04	2.10e-04	0.0	13.8	328.66	-875.60	-834.32	3072.01	-1.675e+04	3.363e+04
						27.5	315.67	-958.34	-834.32	3072.01	-2.845e+04	2.039e+04
180	7	2.965e+04	2.019e+04	0.01	-165.02	0.0	-2982.19	-940.94	-1068.73	1145.85	2.019e+04	2.965e+04
		2216.20	-8756.72	1.74e-03	0.0	13.8	-2995.10	-1023.22	-1068.73	1145.85	5715.88	1.650e+04
						27.5	-3008.09	-1105.96	-1068.73	1145.85	-8756.72	2216.20
180	14	4.449e+04	-5657.53	9.65e-03	-165.02	0.0	100.99	-801.65	-860.01	4106.73	-5657.53	4.449e+04
		1.874e+04	-3.036e+04	4.63e-04	0.0	13.8	88.08	-883.93	-860.01	4106.73	-1.801e+04	3.218e+04
						27.5	75.09	-966.68	-860.01	4106.73	-3.036e+04	1.874e+04
180	15	3.090e+04	2.080e+04	9.99e-03	-165.02	0.0	-2741.61	-932.61	-1043.04	111.12	2.080e+04	3.090e+04
		3858.66	-6846.52	1.49e-03	0.0	13.8	-2754.53	-1014.88	-1043.04	111.12	6975.27	1.795e+04
						27.5	-2767.51	-1097.63	-1043.04	111.12	-6846.52	3858.66
180	26	4.686e+04	1182.83	9.98e-03	-165.02	0.0	-432.45	-770.48	-866.38	676.51	1182.83	4.686e+04
		2.045e+04	-2.377e+04	7.13e-04	0.0	13.8	-445.37	-852.76	-866.38	676.51	-1.129e+04	3.422e+04
						27.5	-458.36	-935.50	-866.38	676.51	-2.377e+04	2.045e+04
180	27	2.853e+04	1.396e+04	9.66e-03	-165.02	0.0	-2208.16	-963.78	-1036.68	3541.35	1.396e+04	2.853e+04
		2155.74	-1.344e+04	1.24e-03	0.0	13.8	-2221.08	-1046.06	-1036.68	3541.35	259.12	1.591e+04
						27.5	-2234.07	-1128.80	-1036.68	3541.35	-1.344e+04	2155.74
180	38	4.147e+04	1586.48	9.63e-03	-165.02	0.0	-528.93	-832.63	-895.91	2555.72	1586.48	4.147e+04
		1.558e+04	-2.327e+04	6.09e-04	0.0	13.8	-541.84	-914.91	-895.91	2555.72	-1.084e+04	2.909e+04
						27.5	-554.83	-997.65	-895.91	2555.72	-2.327e+04	1.558e+04
180	39	3.392e+04	1.355e+04	0.01	-165.02	0.0	-2111.69	-901.63	-1007.15	1662.14	1.355e+04	3.392e+04
		7023.92	-1.394e+04	1.34e-03	0.0	13.8	-2124.61	-983.90	-1007.15	1662.14	-193.92	2.104e+04
						27.5	-2137.59	-1066.65	-1007.15	1662.14	-1.394e+04	7023.92
180	46	4.084e+04	1295.54	9.74e-03	-165.02	0.0	-644.81	-836.77	-908.52	3059.06	1295.54	4.084e+04
		1.477e+04	-2.418e+04	7.31e-04	0.0	13.8	-657.73	-919.05	-908.52	3059.06	-1.144e+04	2.837e+04
						27.5	-670.71	-1001.80	-908.52	3059.06	-2.418e+04	1.477e+04
180	47	3.455e+04	1.384e+04	9.91e-03	-165.02	0.0	-1995.80	-897.49	-994.53	1158.80	1.384e+04	3.455e+04
		7835.07	-1.302e+04	1.22e-03	0.0	13.8	-2008.72	-979.76	-994.53	1158.80	410.77	2.176e+04
						27.5	-2021.71	-1062.51	-994.53	1158.80	-1.302e+04	7835.07
180	58	4.190e+04	4591.26	9.89e-03	-165.02	0.0	-902.82	-822.77	-911.54	1468.48	4591.26	4.190e+04
		1.552e+04	-2.101e+04	8.48e-04	0.0	13.8	-915.74	-905.05	-911.54	1468.48	-8210.28	2.927e+04
						27.5	-928.72	-987.80	-911.54	1468.48	-2.101e+04	1.552e+04
180	70	4.115e+04	2089.72	9.64e-03	-165.02	0.0	-595.41	-835.54	-900.58	2517.92	2089.72	4.115e+04
		1.522e+04	-2.287e+04	6.40e-04	0.0	13.8	-608.33	-917.82	-900.58	2517.92	-1.039e+04	2.875e+04
						27.5	-621.31	-1000.57	-900.58	2517.92	-2.287e+04	1.522e+04

180	71	3.424e+04	1.305e+04	0.01	-165.02	0.0	-2045.21	-898.71	-1002.47	1699.94	1.305e+04	3.424e+04
		7384.36	-1.433e+04	1.31e-03	0.0	13.8	-2058.12	-980.99	-1002.47	1699.94	-641.71	2.138e+04
						27.5	-2071.11	-1063.74	-1002.47	1699.94	-1.433e+04	7384.36
180	78	4.058e+04	1823.21	9.74e-03	-165.02	0.0	-701.59	-839.34	-912.15	2979.22	1823.21	4.058e+04
		1.447e+04	-2.372e+04	7.51e-04	0.0	13.8	-714.51	-921.62	-912.15	2979.22	-1.095e+04	2.809e+04
						27.5	-727.50	-1004.37	-912.15	2979.22	-2.372e+04	1.447e+04
180	79	3.481e+04	1.332e+04	9.90e-03	-165.02	0.0	-1939.02	-894.92	-990.91	1238.64	1.332e+04	3.481e+04
		8128.02	-1.349e+04	1.20e-03	0.0	13.8	-1951.94	-977.19	-990.91	1238.64	-87.70	2.204e+04
						27.5	-1964.93	-1059.94	-990.91	1238.64	-1.349e+04	8128.02
180	90	4.154e+04	4842.92	9.88e-03	-165.02	0.0	-938.02	-826.54	-914.91	1523.24	4842.92	4.154e+04
		1.516e+04	-2.081e+04	8.59e-04	0.0	13.8	-950.93	-908.82	-914.91	1523.24	-7982.71	2.892e+04
						27.5	-963.92	-991.56	-914.91	1523.24	-2.081e+04	1.516e+04
181	6	-1.204e+04	-5.747e+04	9.53e-03	-168.78	0.0	1686.42	-1367.08	-1437.41	1.893e+04	-5.747e+04	-1.204e+04
		-5.404e+04	-1.023e+05	1.09e-04	0.0	13.8	1673.22	-1451.24	-1437.41	1.893e+04	-7.989e+04	-3.246e+04
						27.5	1659.93	-1535.86	-1437.41	1.893e+04	-1.023e+05	-5.404e+04
181	7	-3.334e+04	-4.910e+04	9.66e-03	-168.78	0.0	-1410.28	-1576.15	-1983.90	1.687e+04	-4.910e+04	-3.334e+04
		-7.938e+04	-9.836e+04	1.70e-03	0.0	13.8	-1423.49	-1660.31	-1983.90	1.687e+04	-7.373e+04	-5.578e+04
						27.5	-1436.77	-1744.93	-1983.90	1.687e+04	-9.836e+04	-7.938e+04
181	13	-1.870e+04	-6.370e+04	9.42e-03	-168.78	0.0	1225.40	-1454.68	-1577.74	2.144e+04	-6.370e+04	-1.870e+04
		-6.199e+04	-1.107e+05	3.42e-04	0.0	13.8	1212.19	-1538.84	-1577.74	2.144e+04	-8.721e+04	-3.976e+04
						27.5	1198.91	-1623.47	-1577.74	2.144e+04	-1.107e+05	-6.199e+04
181	16	-2.669e+04	-4.287e+04	9.76e-03	-168.78	0.0	-949.25	-1488.54	-1843.57	1.436e+04	-4.287e+04	-2.669e+04
		-7.142e+04	-8.994e+04	1.46e-03	0.0	13.8	-962.46	-1572.70	-1843.57	1.436e+04	-6.641e+04	-4.847e+04
						27.5	-975.75	-1657.33	-1843.57	1.436e+04	-8.994e+04	-7.142e+04
181	38	-1.766e+04	-5.526e+04	9.56e-03	-168.78	0.0	874.85	-1423.00	-1580.67	1.836e+04	-5.526e+04	-1.766e+04
		-6.072e+04	-1.012e+05	5.22e-04	0.0	13.8	861.64	-1507.16	-1580.67	1.836e+04	-7.825e+04	-3.861e+04
						27.5	848.36	-1591.79	-1580.67	1.836e+04	-1.012e+05	-6.072e+04
181	39	-2.772e+04	-5.131e+04	9.63e-03	-168.78	0.0	-598.70	-1520.22	-1840.65	1.744e+04	-5.131e+04	-2.772e+04
		-7.269e+04	-9.943e+04	1.28e-03	0.0	13.8	-611.91	-1604.38	-1840.65	1.744e+04	-7.537e+04	-4.963e+04
						27.5	-625.20	-1689.01	-1840.65	1.744e+04	-9.943e+04	-7.269e+04
181	45	-2.079e+04	-5.823e+04	9.51e-03	-168.78	0.0	658.23	-1463.28	-1647.65	1.954e+04	-5.823e+04	-2.079e+04
		-6.446e+04	-1.052e+05	6.36e-04	0.0	13.8	645.02	-1547.43	-1647.65	1.954e+04	-8.173e+04	-4.204e+04
						27.5	631.73	-1632.06	-1647.65	1.954e+04	-1.052e+05	-6.446e+04
181	48	-2.459e+04	-4.834e+04	9.67e-03	-168.78	0.0	-382.08	-1479.95	-1773.66	1.626e+04	-4.834e+04	-2.459e+04
		-6.895e+04	-9.543e+04	1.17e-03	0.0	13.8	-395.29	-1564.11	-1773.66	1.626e+04	-7.188e+04	-4.619e+04
						27.5	-408.57	-1648.73	-1773.66	1.626e+04	-9.543e+04	-6.895e+04
181	70	-1.809e+04	-5.509e+04	9.56e-03	-168.78	0.0	812.94	-1427.11	-1591.59	1.832e+04	-5.509e+04	-1.809e+04
		-6.122e+04	-1.012e+05	5.54e-04	0.0	13.8	799.73	-1511.27	-1591.59	1.832e+04	-7.813e+04	-3.907e+04
						27.5	786.45	-1595.90	-1591.59	1.832e+04	-1.012e+05	-6.122e+04
181	71	-2.730e+04	-5.147e+04	9.62e-03	-168.78	0.0	-536.79	-1516.11	-1829.72	1.748e+04	-5.147e+04	-2.730e+04
		-7.219e+04	-9.950e+04	1.25e-03	0.0	13.8	-550.00	-1600.27	-1829.72	1.748e+04	-7.549e+04	-4.916e+04
						27.5	-563.29	-1684.90	-1829.72	1.748e+04	-9.950e+04	-7.219e+04
181	77	-2.095e+04	-5.781e+04	9.52e-03	-168.78	0.0	614.58	-1463.97	-1652.95	1.941e+04	-5.781e+04	-2.095e+04
		-6.465e+04	-1.048e+05	6.58e-04	0.0	13.8	601.37	-1548.13	-1652.95	1.941e+04	-8.132e+04	-4.222e+04
						27.5	588.09	-1632.75	-1652.95	1.941e+04	-1.048e+05	-6.465e+04
181	80	-2.443e+04	-4.876e+04	9.67e-03	-168.78	0.0	-338.44	-1479.26	-1768.36	1.640e+04	-4.876e+04	-2.443e+04
		-6.876e+04	-9.584e+04	1.15e-03	0.0	13.8	-351.65	-1563.41	-1768.36	1.640e+04	-7.230e+04	-4.602e+04
						27.5	-364.93	-1648.04	-1768.36	1.640e+04	-9.584e+04	-6.876e+04
182	6	-1.159e+05	-1.453e+05	5.38e-03	-172.54	0.0	3192.25	-2748.75	-82.70	5.069e+04	-1.453e+05	-1.159e+05
		-2.048e+05	-1.475e+05	-6.07e-04	0.0	13.8	3178.74	-2834.78	-82.70	5.069e+04	-1.464e+05	-1.498e+05
						27.5	3165.16	-2921.29	-82.70	5.069e+04	-1.475e+05	-2.048e+05
182	7	-1.513e+05	-1.728e+05	4.36e-03	-172.54	0.0	379.12	-3102.97	-245.66	4.808e+04	-1.728e+05	-1.513e+05
		-2.489e+05	-1.793e+05	8.26e-04	0.0	13.8	365.62	-3189.00	-245.66	4.808e+04	-1.761e+05	-1.995e+05
						27.5	352.04	-3275.51	-245.66	4.808e+04	-1.793e+05	-2.489e+05
182	26	-1.157e+05	-1.460e+05	5.44e-03	-172.54	0.0	2583.34	-2673.12	-176.40	4.566e+04	-1.460e+05	-1.157e+05
		-2.032e+05	-1.496e+05	4.56e-05	0.0	13.8	2569.83	-2759.16	-176.40	4.566e+04	-1.478e+05	-1.588e+05
						27.5	2556.25	-2845.66	-176.40	4.566e+04	-1.496e+05	-2.032e+05
182	27	-1.515e+05	-1.720e+05	4.30e-03	-172.54	0.0	988.03	-3178.59	-151.96	5.312e+04	-1.720e+05	-1.515e+05
		-2.506e+05	-1.772e+05	2.15e-04	0.0	13.8	974.53	-3264.63	-151.96	5.312e+04	-1.746e+05	-2.004e+05
						27.5	960.95	-3351.14	-151.96	5.312e+04	-1.772e+05	-2.506e+05
182	38	-1.252e+05	-1.525e+05	5.11e-03	-172.54	0.0	2454.06	-2843.56	-125.54	4.997e+04	-1.525e+05	-1.252e+05
		-2.165e+05	-1.559e+05	-2.34e-04	0.0	13.8	2440.56	-2929.60	-125.54	4.997e+04	-1.542e+05	-1.703e+05
						27.5	2426.98	-3016.10	-125.54	4.997e+04	-1.559e+05	-2.165e+05
182	39	-1.420e+05	-1.655e+05	4.63e-03	-172.54	0.0	1117.31	-3008.15	-202.83	4.881e+04	-1.655e+05	-1.420e+05
		-2.373e+05	-1.710e+05	4.53e-04	0.0	13.8	1103.80	-3094.19	-202.83	4.881e+04	-1.683e+05	-1.890e+05
						27.5	1090.23	-3180.70	-202.83	4.881e+04	-1.710e+05	-2.373e+05
182	59	-1.419e+05	-1.651e+05	4.61e-03	-172.54	0.0	1413.77	-3041.11	-159.26	5.110e+04	-1.651e+05	-1.419e+05
		-2.378e+05	-1.699e+05	1.65e-04	0.0	13.8	1400.27	-3127.14	-159.26	5.110e+04	-1.675e+05	-1.892e+05
						27.5	1386.69	-3213.65	-159.26	5.110e+04	-1.699e+05	-2.378e+05
182	70	-1.259e+05	-1.531e+05	5.09e-03	-172.54	0.0	2397.88	-2850.52	-128.79	4.992e+04	-1.531e+05	-1.259e+05
		-2.174e+05	-1.565e+05	-2.05e-04	0.0	13.8	2384.37	-2936.56	-128.79	4.992e+04	-1.548e+05	-1.711e+05
						27.5	2370.79	-3023.06	-128.79	4.992e+04	-1.565e+05	-2.174e+05
182	71	-1.412e+05	-1.650e+05	4.65e-03	-172.54	0.0	1173.49	-3001.19	-199.58	4.886e+04	-1.650e+05	-1.412e+05
		-2.364e+05	-1.703e+05	4.24e-04	0.0	13.8	1159.99	-3087.23	-199.58	4.886e+04	-1.677e+05	-1.882e+05
						27.5	1146.41	-3173.74	-199.58	4.886e+04	-1.703e+05	-2.364e+05
182	91	-1.412e+05	-1.646e+05	4.63e-03	-172.54	0.0	1445.20	-3031.31	-159.69	5.095e+04	-1.646e+05	-1.412e+05
		-2.369e+05	-1.694e+05	1.61e-04	0.0	13.8	1431.69	-3117.34	-159.69	5.095e+04	-1.670e+05	-1.884e+05

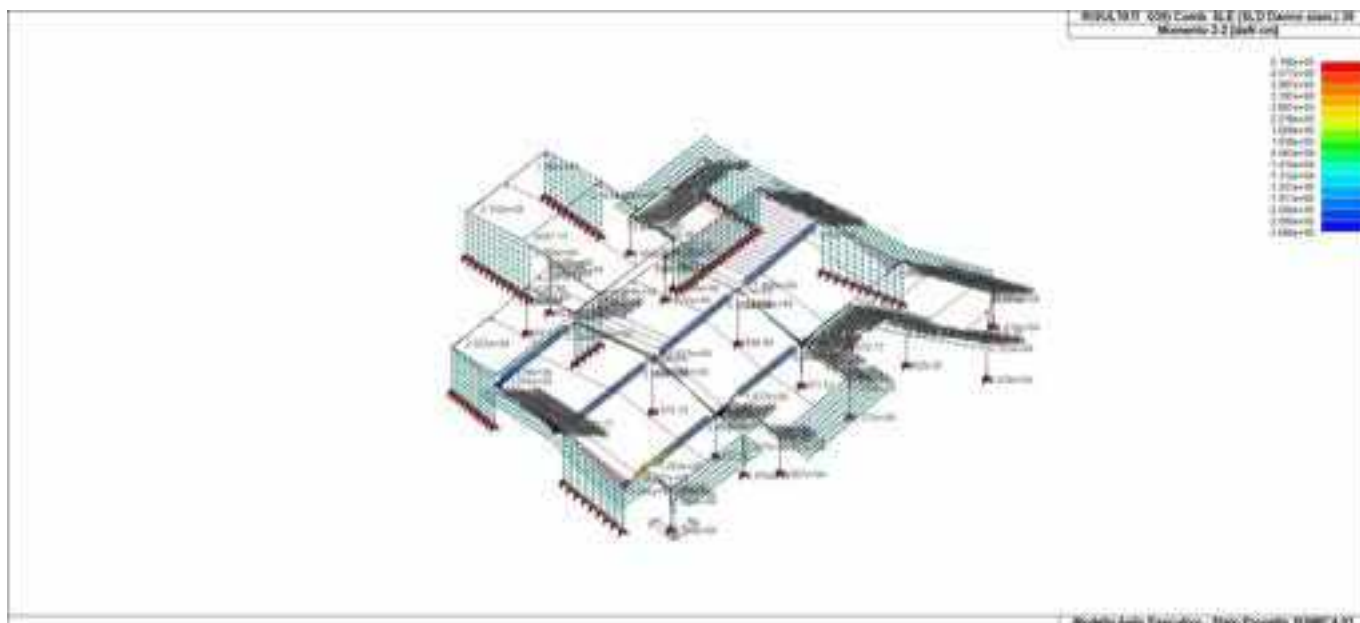
183	5	-2.051e+04 -1.518e+05	-4281.79 -4.951e+04	-0.10 1.15e-03	-167.34 0.0	27.5	1418.12	-3203.85	-159.69	5.095e+04	-1.694e+05	-2.369e+05
						0.0	-285.44	2898.19	-1295.19	-2.306e+04	-4281.79	-1.518e+05
						22.3	-276.01	2814.62	-1295.19	-2.306e+04	-2.690e+04	-8.521e+04
183	6	-2.157e+04 -1.476e+05	-1791.23 -4.166e+04	-0.09 1.65e-03	-167.34 0.0	44.6	-266.56	2730.85	-1295.19	-2.306e+04	-4.951e+04	-2.051e+04
						0.0	-21.45	2811.95	-1154.04	-2.442e+04	-1791.23	-1.476e+05
						22.3	-12.02	2728.37	-1154.04	-2.442e+04	-2.172e+04	-8.365e+04
183	7	-2.859e+04 -1.334e+05	-2.045e+04 -7.625e+04	-0.08 1.10e-03	-167.34 0.0	44.6	-2.57	2644.61	-1154.04	-2.442e+04	-4.166e+04	-2.157e+04
						0.0	-1291.55	2530.14	-990.76	-5032.51	-2.045e+04	-1.334e+05
						22.3	-1282.12	2446.56	-990.76	-5032.51	-4.835e+04	-8.006e+04
183	37	-2.292e+04 -1.459e+05	-7851.93 -5.442e+04	-0.09 1.27e-03	-167.34 0.0	44.6	-1272.67	2362.79	-990.76	-5032.51	-7.625e+04	-2.859e+04
						0.0	-478.08	2779.37	-1177.13	-1.871e+04	-7851.93	-1.459e+05
						22.3	-468.65	2695.80	-1177.13	-1.871e+04	-3.113e+04	-8.346e+04
183	38	-2.341e+04 -1.439e+05	-6685.87 -5.076e+04	-0.09 1.50e-03	-167.34 0.0	44.6	-459.20	2612.03	-1177.13	-1.871e+04	-5.442e+04	-2.292e+04
						0.0	-356.02	2738.63	-1111.80	-1.935e+04	-6685.87	-1.439e+05
						22.3	-346.59	2655.05	-1111.80	-1.935e+04	-2.872e+04	-8.272e+04
183	39	-2.676e+04 -1.371e+05	-1.556e+04 -6.715e+04	-0.08 1.25e-03	-167.34 0.0	44.6	-337.14	2571.28	-1111.80	-1.935e+04	-5.076e+04	-2.341e+04
						0.0	-956.98	2603.46	-1033.00	-1.010e+04	-1.556e+04	-1.371e+05
						22.3	-947.55	2519.88	-1033.00	-1.010e+04	-4.136e+04	-8.099e+04
183	69	-2.310e+04 -1.454e+05	-8126.32 -5.480e+04	-0.09 1.28e-03	-167.34 0.0	44.6	-938.10	2436.12	-1033.00	-1.010e+04	-6.715e+04	-2.676e+04
						0.0	-493.02	2770.27	-1168.30	-1.837e+04	-8126.32	-1.454e+05
						22.3	-483.59	2686.69	-1168.30	-1.837e+04	-3.146e+04	-8.333e+04
183	70	-2.355e+04 -1.436e+05	-7058.77 -5.145e+04	-0.09 1.49e-03	-167.34 0.0	44.6	-474.14	2602.93	-1168.30	-1.837e+04	-5.480e+04	-2.310e+04
						0.0	-381.30	2732.95	-1108.50	-1.896e+04	-7058.77	-1.436e+05
						22.3	-371.88	2649.38	-1108.50	-1.896e+04	-2.925e+04	-8.264e+04
183	71	-2.662e+04 -1.374e+05	-1.519e+04 -6.646e+04	-0.08 1.26e-03	-167.34 0.0	44.6	-362.43	2565.61	-1108.50	-1.896e+04	-5.145e+04	-2.355e+04
						0.0	-931.69	2609.13	-1036.30	-1.049e+04	-1.519e+04	-1.374e+05
						22.3	-922.27	2525.56	-1036.30	-1.049e+04	-4.082e+04	-8.106e+04
184	6	4.038e+04 -1.963e+05	2.607e+05 -6.639e+04	-0.38 -0.05	-2097.65 0.0	44.6	-912.82	2441.79	-1036.30	-1.049e+04	-6.646e+04	-2.662e+04
						0.0	1538.76	2268.93	1824.28	-9.584e+04	-6.639e+04	-1.963e+05
						90.9	1538.76	1357.95	1824.28	-9.584e+04	9.716e+04	-2.676e+04
184	7	1.098e+05 -2.917e+05	3.420e+05 -2.061e+05	-0.34 -0.06	-2097.65 0.0	181.8	1538.76	171.27	1824.28	-9.584e+04	2.607e+05	4.038e+04
						0.0	221.39	3124.11	2990.41	-8.091e+04	-2.061e+05	-2.917e+05
						90.9	221.39	2213.13	2990.41	-8.091e+04	6.794e+04	-3.973e+04
184	27	1.115e+05 -2.812e+05	3.396e+05 -1.790e+05	-0.37 -0.06	-2097.65 0.0	181.8	221.39	1026.45	2990.41	-8.091e+04	3.420e+05	1.098e+05
						0.0	360.30	3090.14	2839.23	-9.178e+04	-1.790e+05	-2.812e+05
						90.9	360.30	2179.16	2839.23	-9.178e+04	8.028e+04	-3.362e+04
184	38	5.858e+04 -2.213e+05	2.820e+05 -1.030e+05	-0.37 -0.05	-2097.65 0.0	181.8	360.30	992.48	2839.23	-9.178e+04	3.396e+05	1.115e+05
						0.0	1192.95	2493.02	2129.72	-9.196e+04	-1.030e+05	-2.213e+05
						90.9	1192.95	1582.04	2129.72	-9.196e+04	8.954e+04	-3.016e+04
184	39	9.164e+04 -2.667e+05	3.207e+05 -1.696e+05	-0.35 -0.06	-2097.65 0.0	181.8	1192.95	395.37	2129.72	-9.196e+04	2.820e+05	5.858e+04
						0.0	567.19	2900.01	2684.97	-8.479e+04	-1.696e+05	-2.667e+05
						90.9	567.19	1989.03	2684.97	-8.479e+04	7.556e+04	-3.634e+04
184	59	9.234e+04 -2.617e+05	3.194e+05 -1.565e+05	-0.37 -0.06	-2097.65 0.0	181.8	567.19	802.36	2684.97	-8.479e+04	3.207e+05	9.164e+04
						0.0	636.51	2882.86	2611.65	-8.997e+04	-1.565e+05	-2.617e+05
						90.9	636.51	1971.88	2611.65	-8.997e+04	8.145e+04	-3.345e+04
184	70	5.997e+04 -2.232e+05	2.837e+05 -1.057e+05	-0.37 -0.05	-2097.65 0.0	181.8	636.51	785.20	2611.65	-8.997e+04	3.194e+05	9.234e+04
						0.0	1166.65	2510.12	2153.05	-9.166e+04	-1.057e+05	-2.232e+05
						90.9	1166.65	1599.14	2153.05	-9.166e+04	8.895e+04	-3.041e+04
184	71	9.025e+04 -2.648e+05	3.191e+05 -1.668e+05	-0.35 -0.06	-2097.65 0.0	181.8	1166.65	412.47	2153.05	-9.166e+04	2.837e+05	5.997e+04
						0.0	593.50	2882.91	2661.65	-8.509e+04	-1.668e+05	-2.648e+05
						90.9	593.50	1971.93	2661.65	-8.509e+04	7.615e+04	-3.608e+04
184	91	9.089e+04 -2.602e+05	3.179e+05 -1.548e+05	-0.37 -0.06	-2097.65 0.0	181.8	593.50	785.25	2661.65	-8.509e+04	3.191e+05	9.025e+04
						0.0	657.07	2867.17	2594.45	-8.984e+04	-1.548e+05	-2.602e+05
						90.9	657.07	1956.19	2594.45	-8.984e+04	8.154e+04	-3.343e+04
						181.8	657.07	769.52	2594.45	-8.984e+04	3.179e+05	9.089e+04
Trave	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3		N	V 2	V 3	T			
	-1.046e+06	-3.936e+05	-0.59	-1.656e+04		-2.066e+04	-8774.54	-4010.40	-1.967e+05			
	8.211e+05	5.303e+05	0.37	0.0		2.341e+04	8507.92	3605.85	2.582e+05			



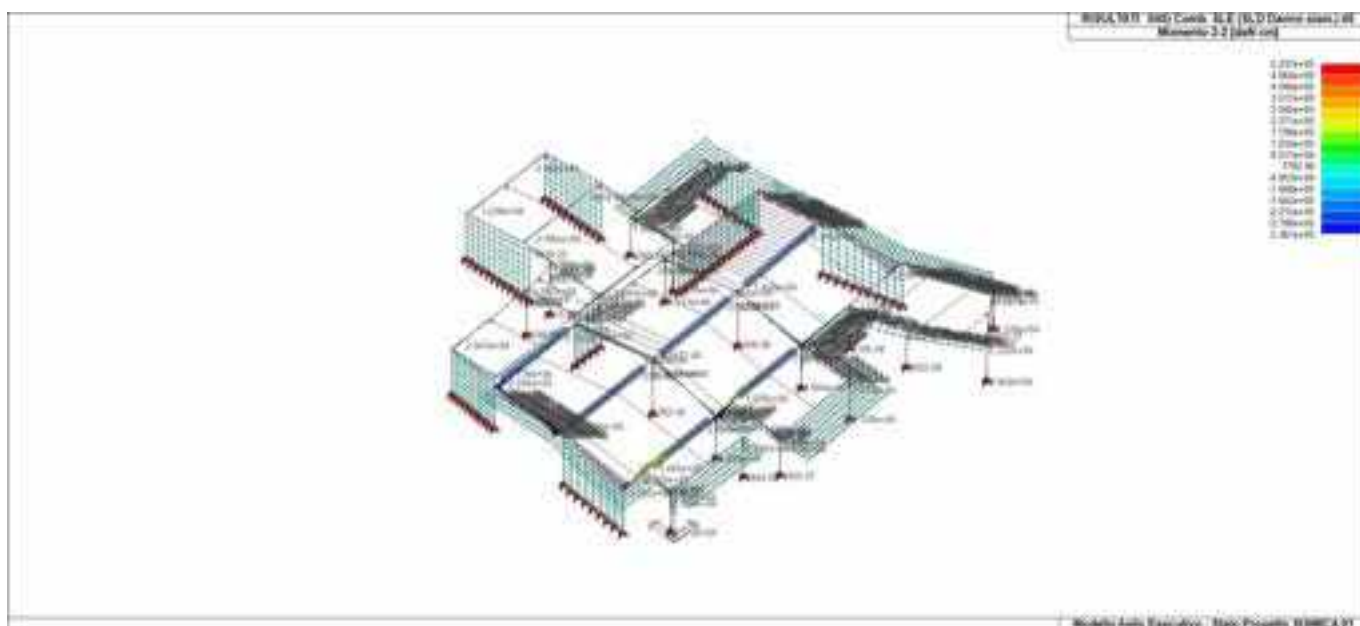
43\_RIS\_M2\_007\_Comb SLU A1 SLV sism 7



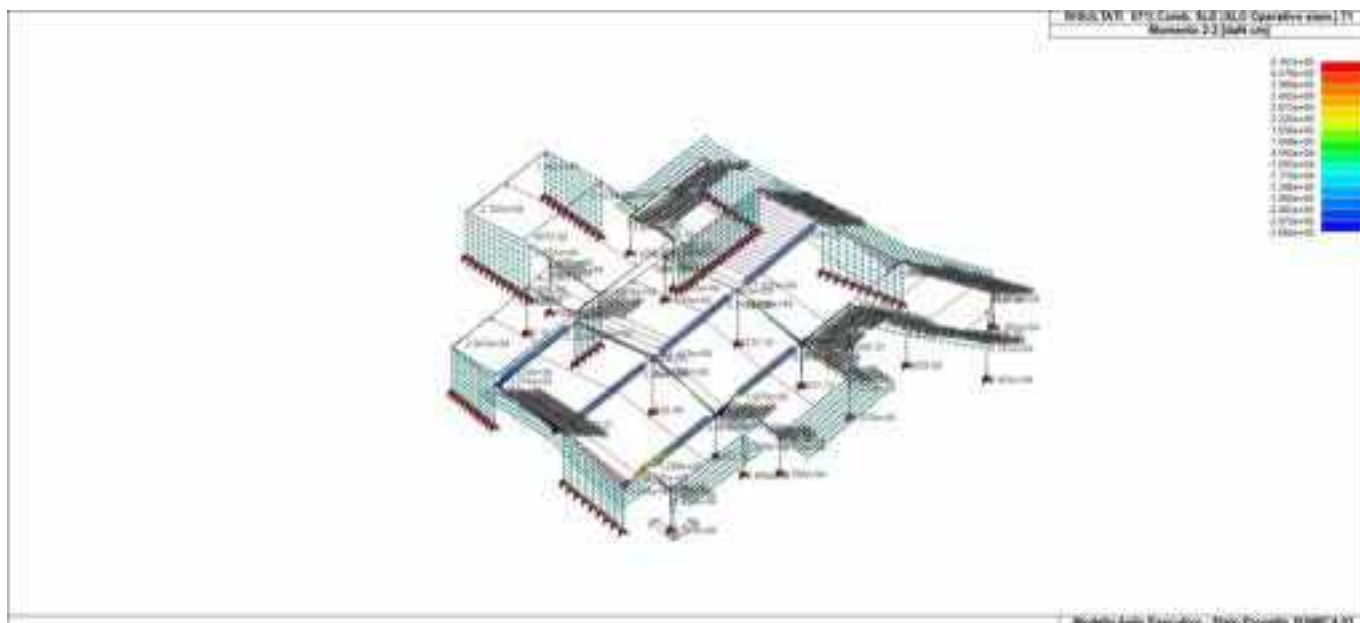
43\_RIS\_M2\_013\_Comb SLU A1 SLV sism 13



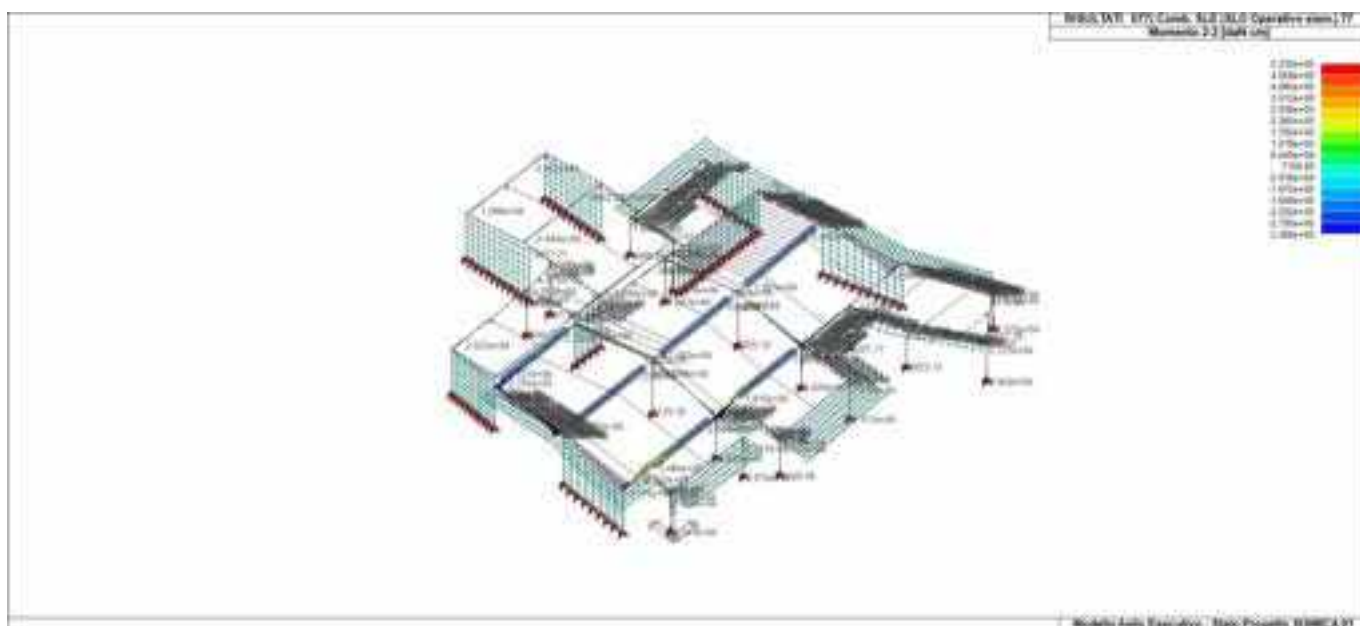
43\_RIS\_M2\_039\_Comb SLE SLD Danno sism 39



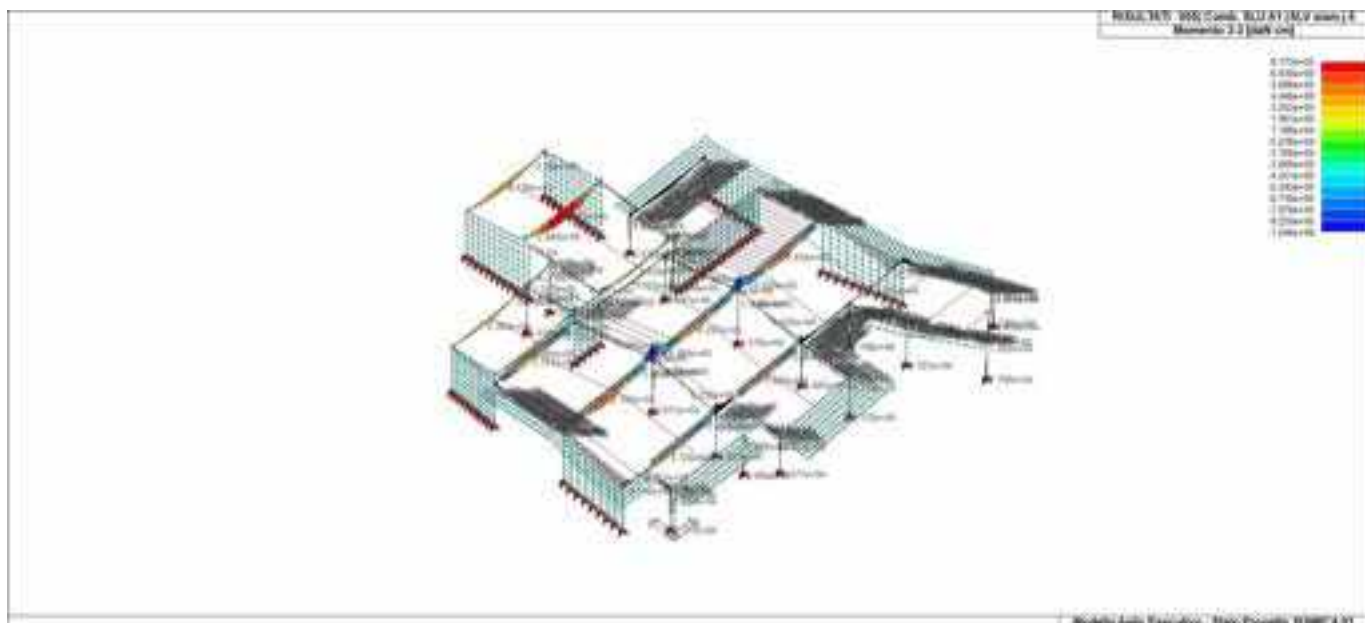
43\_RIS\_M2\_045\_Comb SLE SLD Danno sism 45



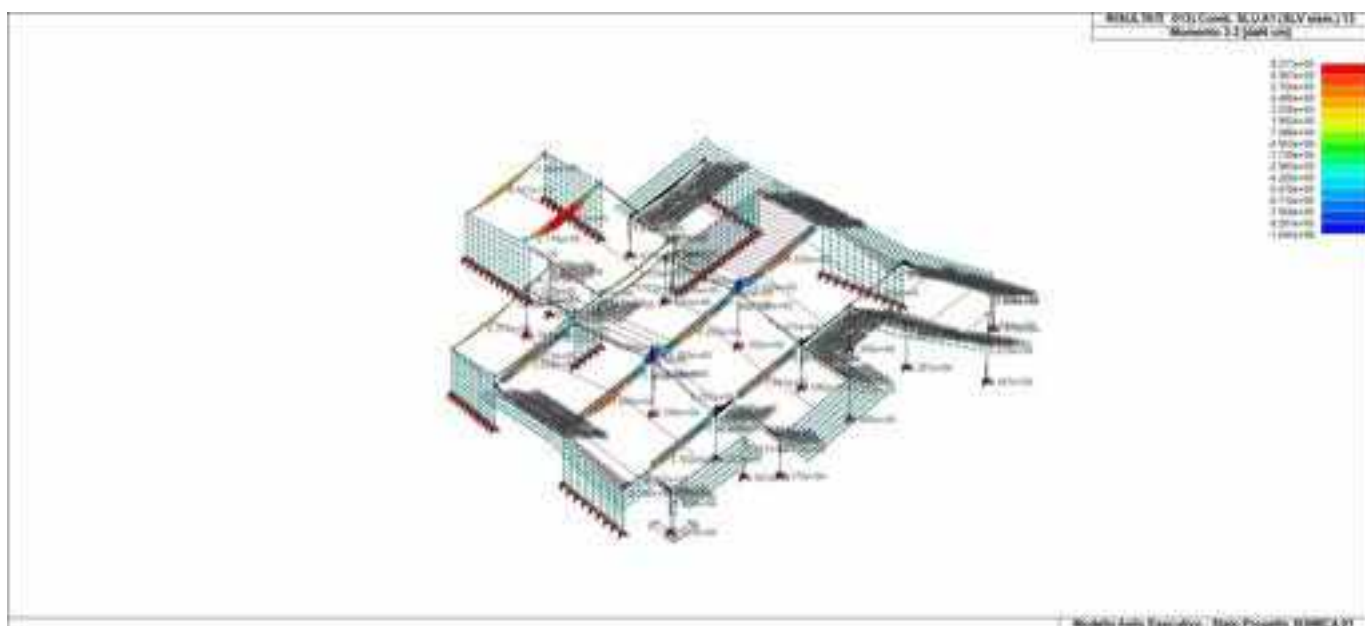
43\_RIS\_M2\_071\_Comb SLE SLO Operativo sism 71



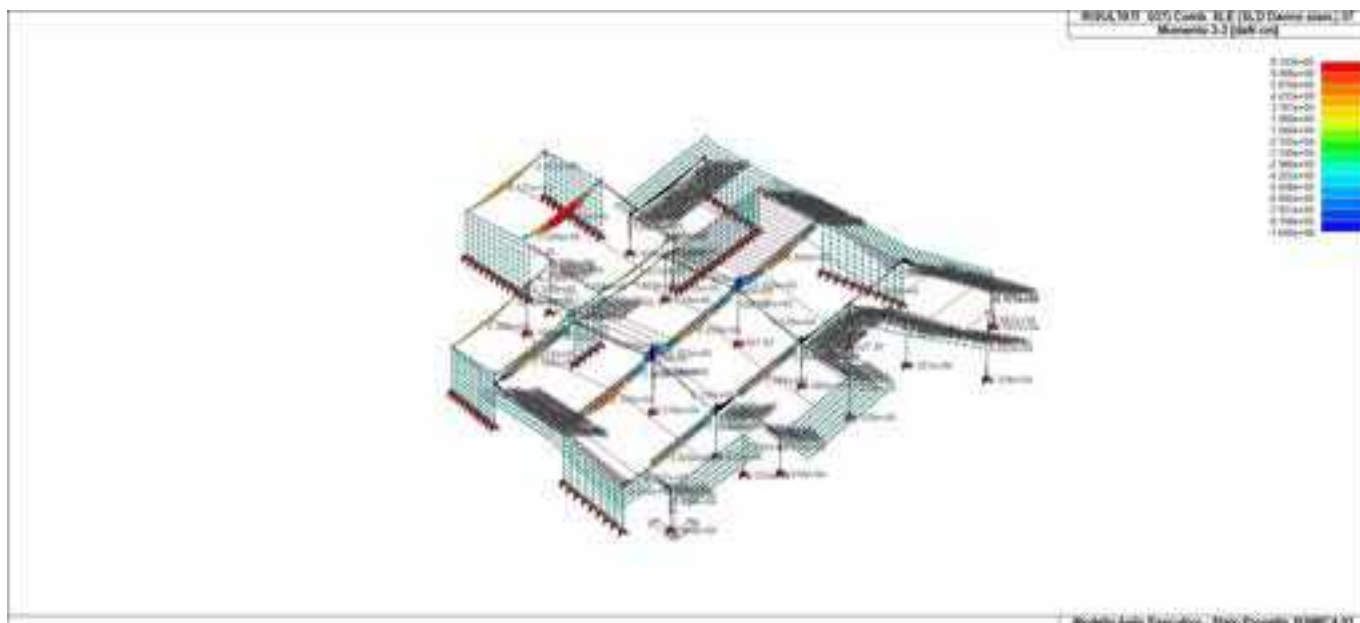
43\_RIS\_M2\_077\_Comb SLE SLO Operativo sism 77



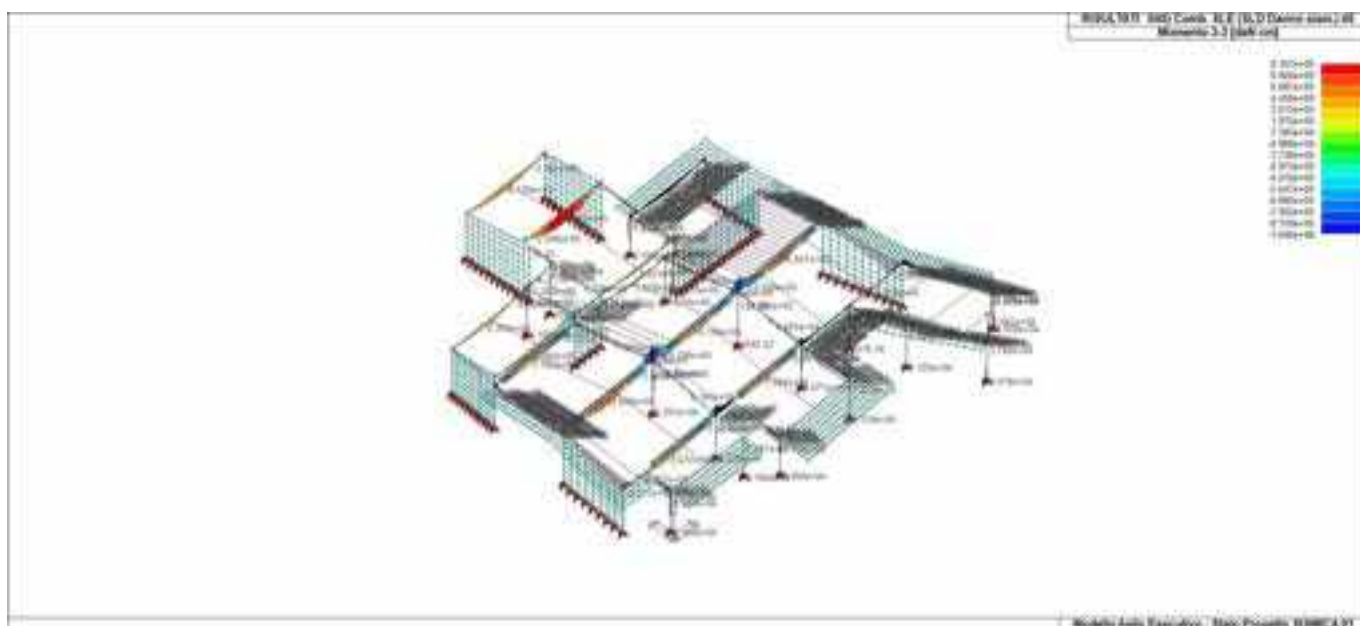
43\_RIS\_M3\_005\_Comb SLU A1 SLV sism 5



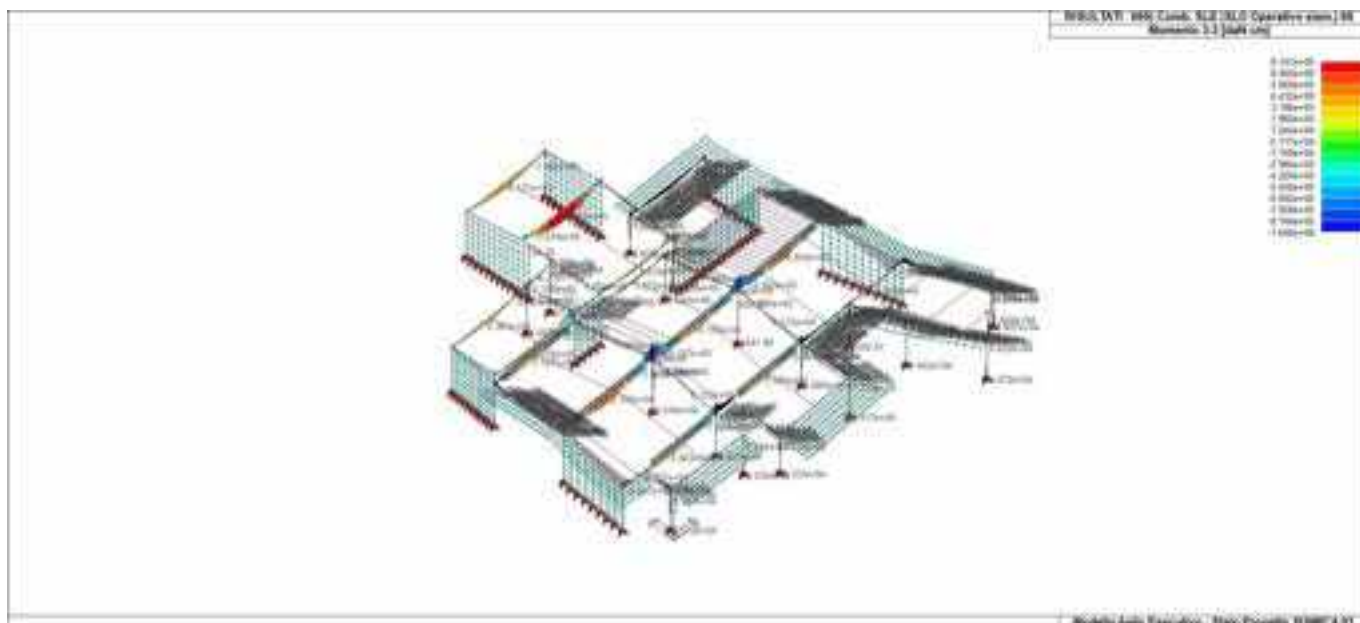
43\_RIS\_M3\_013\_Comb SLU A1 SLV sism 13



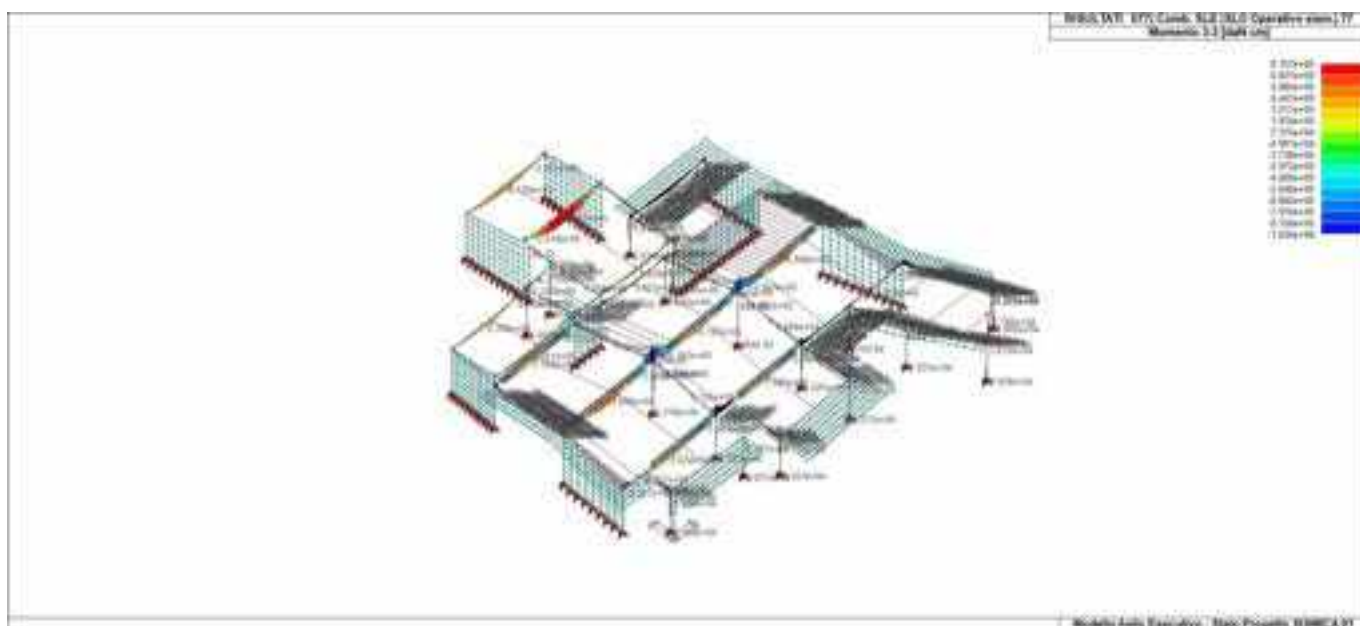
43\_RIS\_M3\_037\_Comb SLE SLD Danno sism 37



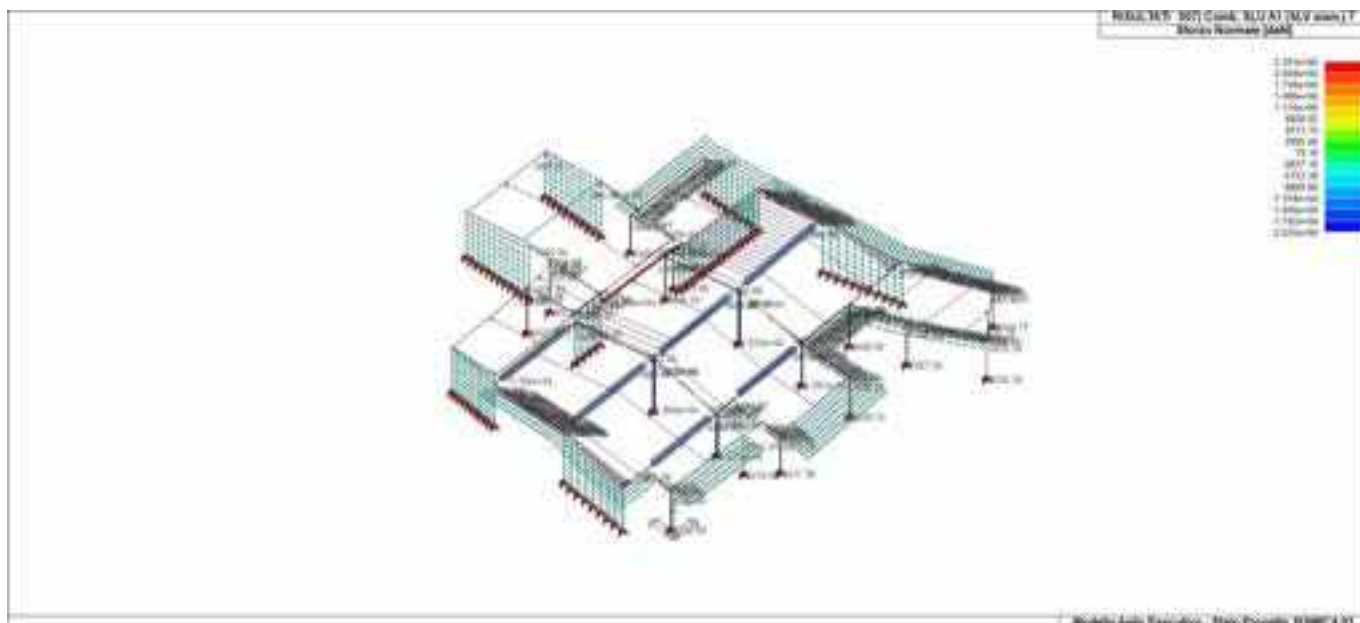
43\_RIS\_M3\_045\_Comb SLE SLD Danno sism 45



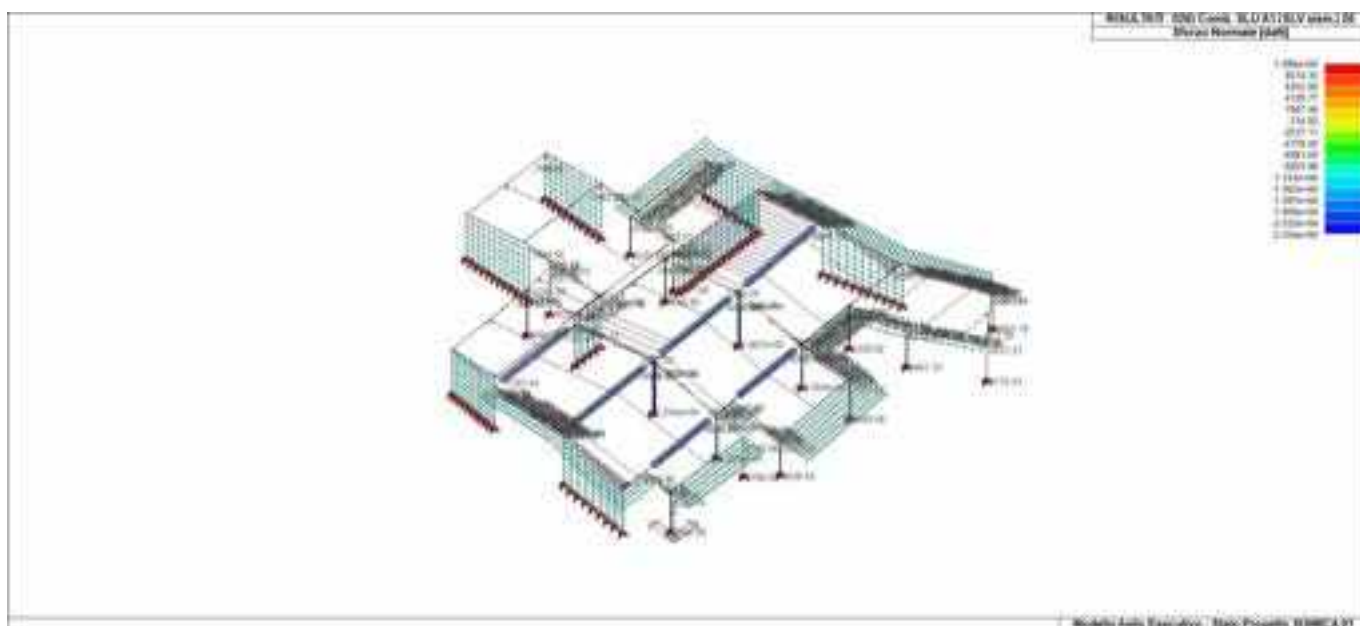
43\_RIS\_M3\_069\_Comb SLE SLO Operativo sism 69



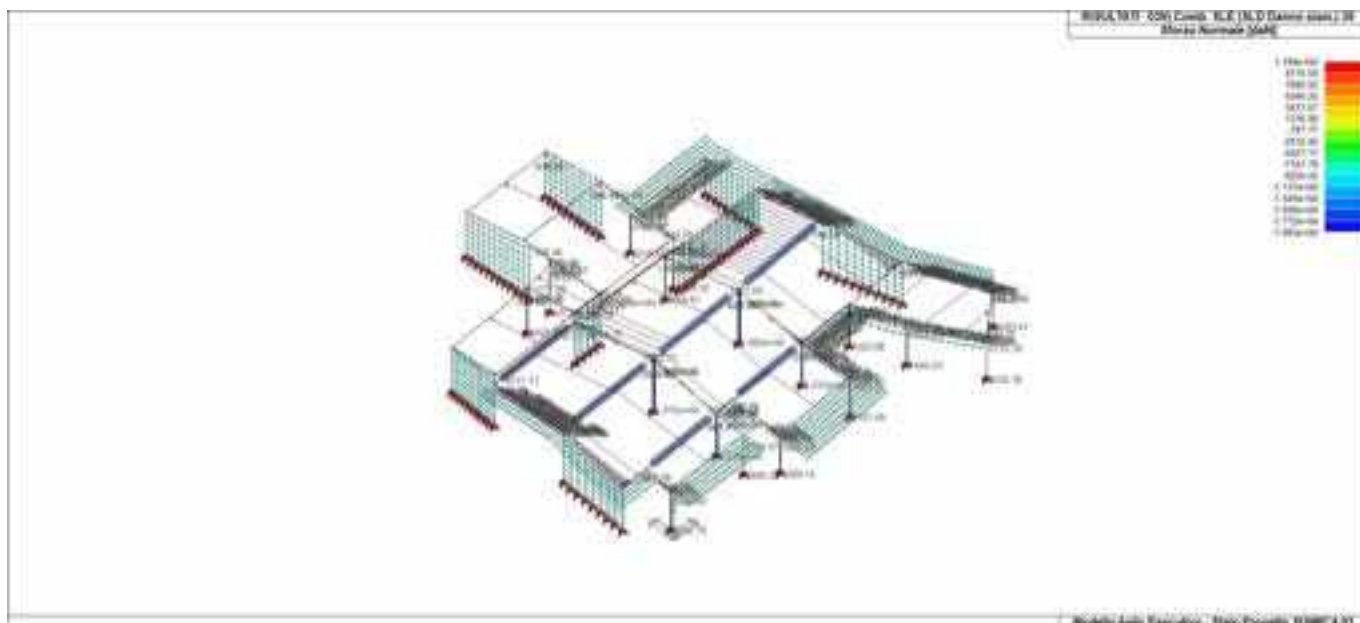
43\_RIS\_M3\_077\_Comb SLE SLO Operativo sism 77



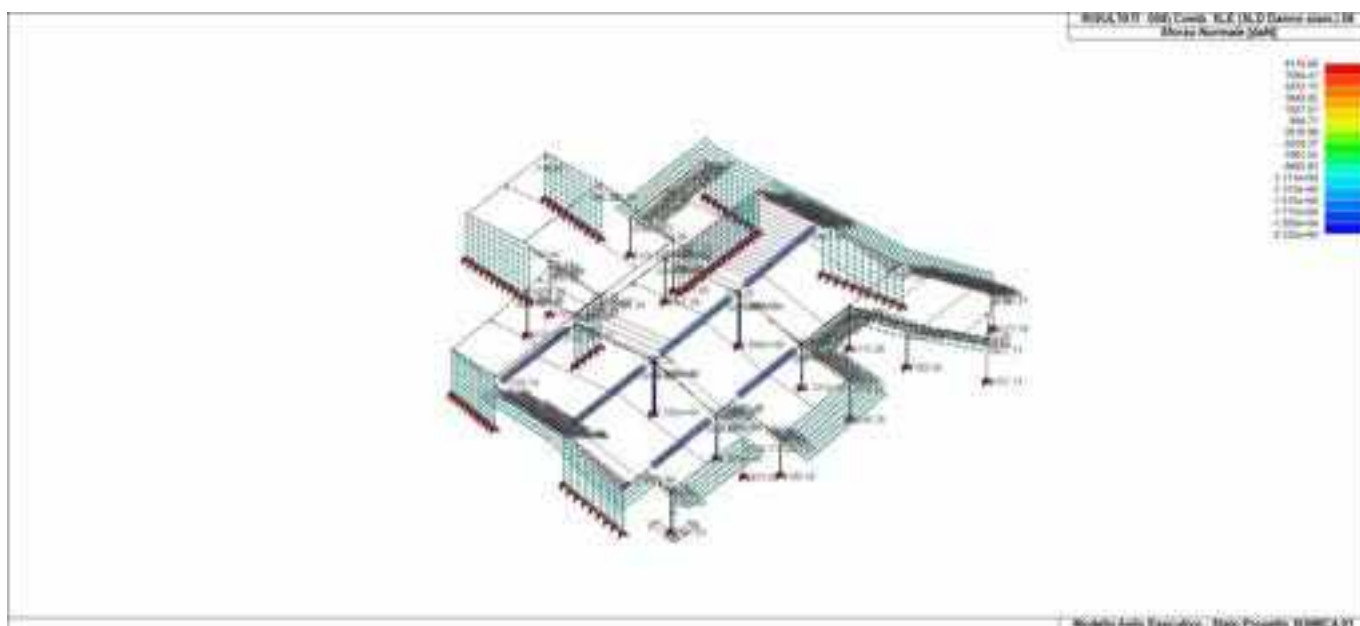
43\_RIS\_N\_007\_Comb SLU A1 SLV sism 7



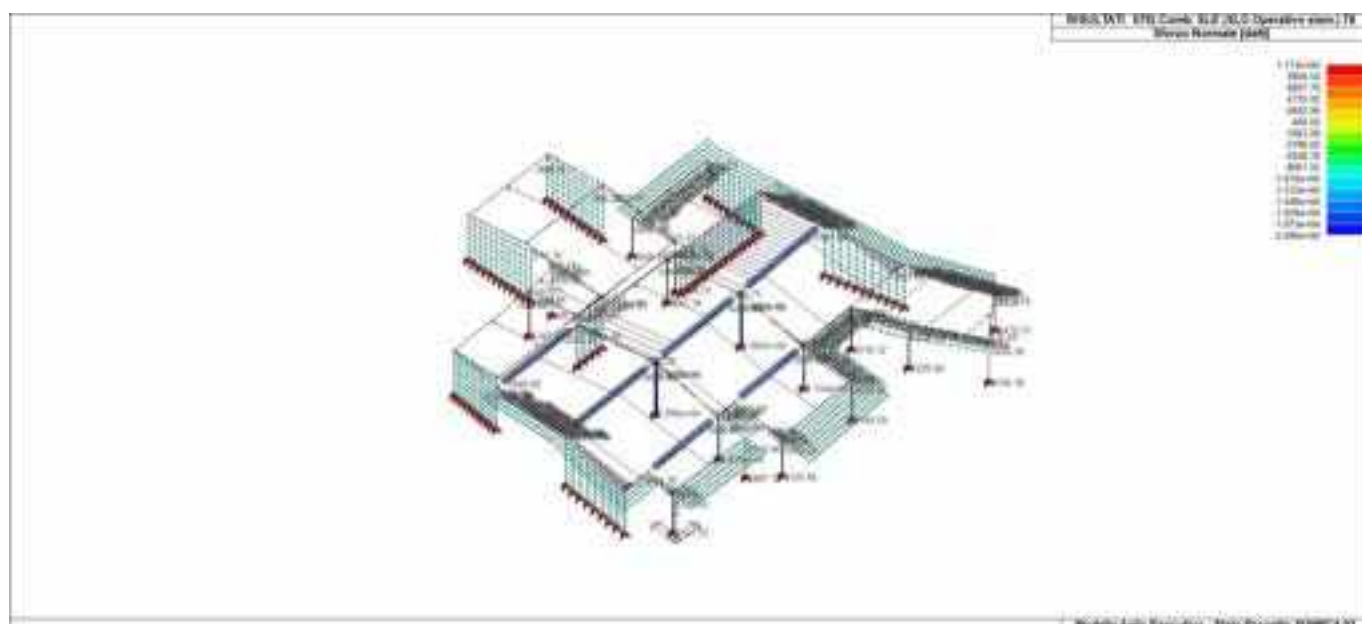
43\_RIS\_N\_026\_Comb SLU A1 SLV sism 26



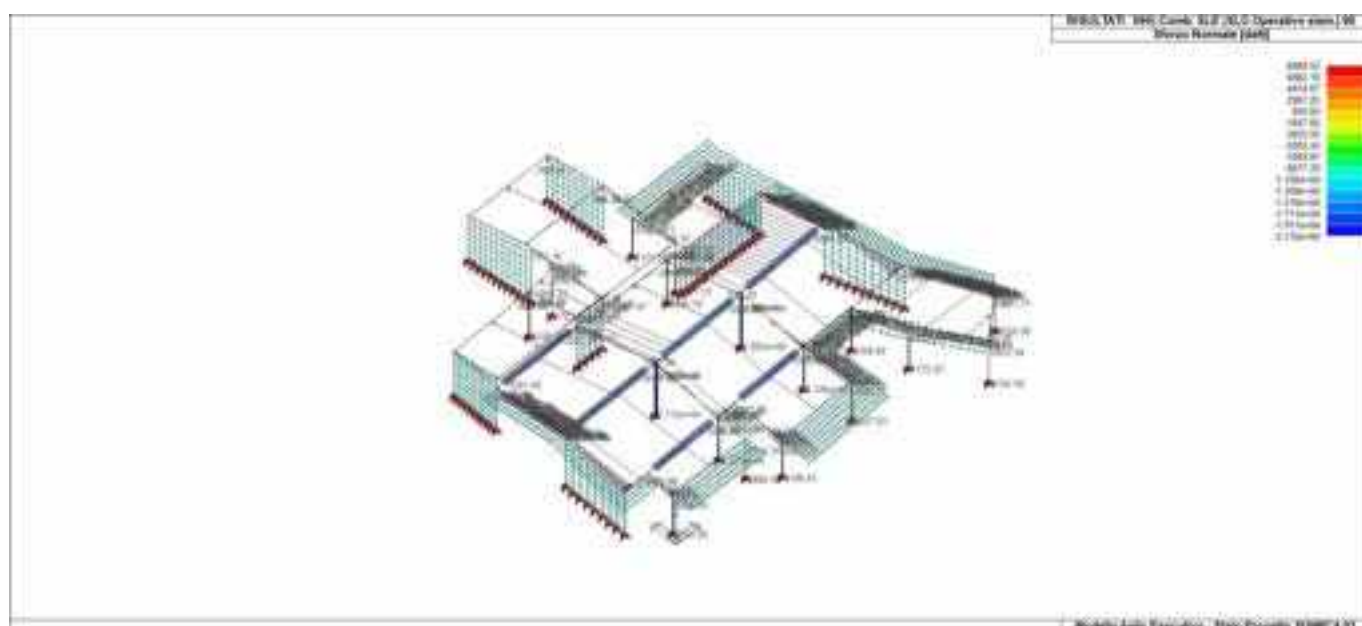
43\_RIS\_N\_039\_Comb SLE SLD Danno sism 39



43\_RIS\_N\_058\_Comb SLE SLD Danno sism 58



43\_RIS\_N\_078\_Comb SLE SLO Operativo sism 78



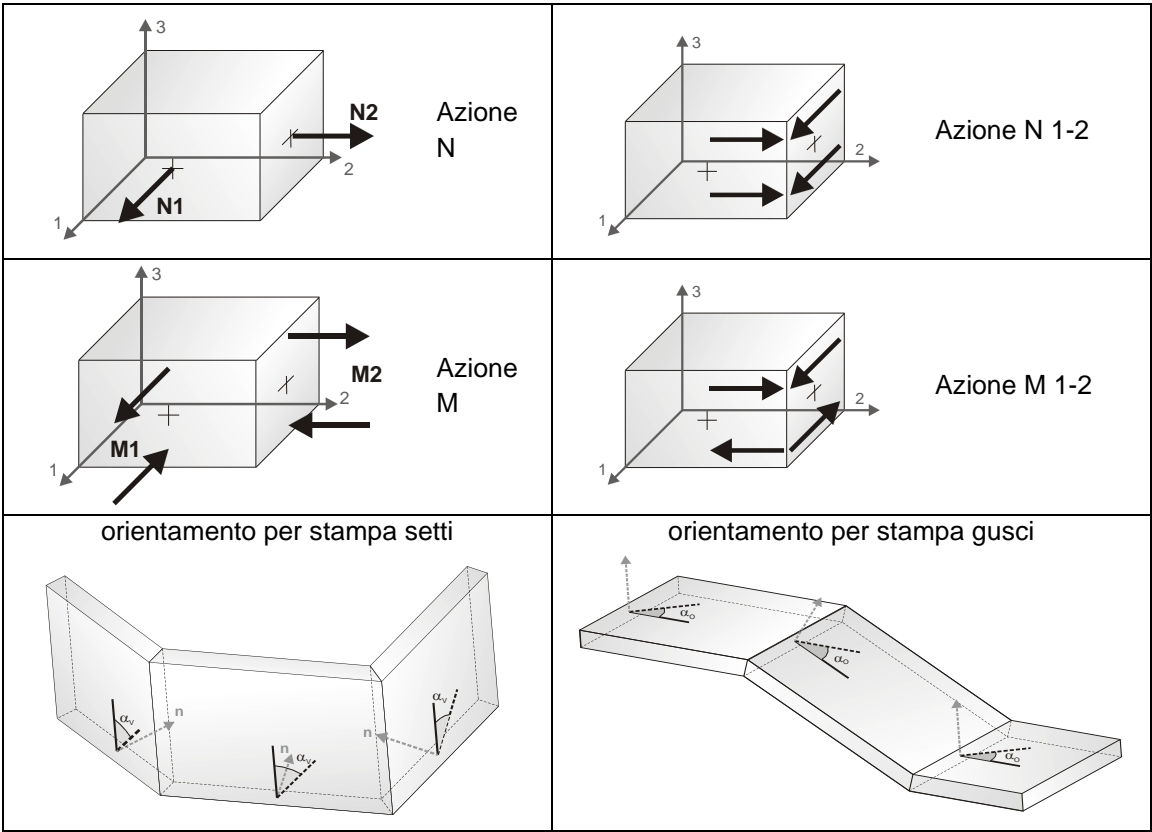
43\_RIS\_N\_090\_Comb SLE SLO Operativo sism 90

# RISULTATI ELEMENTI TIPO SHELL

## LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate.

Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
<b>N max</b>		sforzo membranale principale massimo
<b>N min</b>		sforzo membranale principale minimo
<b>M max</b>		sforzo flessionale principale massimo
<b>M min</b>		sforzo flessionale principale minimo
<b>N1</b>	<b>N2</b>	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento
<b>N1-2</b>	<b>M1</b>	(lo sforzo 2-1 è uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
<b>M2</b>	<b>M1-2</b>	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.

In questo caso gli elementi vengono raggruppati in gruppi (M\_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi. I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di  $\alpha_o$  attorno all'asse Z per i gusci e ruotata di  $\alpha_v$  attorno alla normale (che per definizione è orizzontale) al piano del setto.

Per i setti, in particolare, se  $\alpha_v$  è zero, l'asse '1-1' rappresenta la verticale e l'asse '2-2' l'orizzontale contenuta nel setto.

Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

<b>N memb.</b>	Azione membranale complessiva agente sulla parete in direzione Z
<b>V memb.</b>	Azione complessiva di taglio agente nel piano del macroelemento
<b>V orto</b>	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
<b>M memb.</b>	Azione flessionale complessiva agente nel piano del macroelemento
<b>M orto</b>	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
<b>T</b>	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
1	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
1	1	0.0	-4.158e+04	-2.042e+04	2220.29	-1.886e+06	-1.403e+05	-1781.68
1	1	35.00	-4.145e+04	-2.040e+04	2220.29	-1.889e+06	-1.047e+05	-2.758e+04
1	1	35.56	-3.993e+04	-1.976e+04	2077.97	-1.632e+06	-1.026e+05	-2.867e+04
1	1	36.12	-3.970e+04	-1.971e+04	2021.13	-1.602e+06	-1.005e+05	-2.948e+04
1	1	36.69	-3.947e+04	-1.978e+04	2025.88	-1.581e+06	-9.868e+04	-3.041e+04
1	1	37.25	-3.927e+04	-1.986e+04	2035.85	-1.570e+06	-9.711e+04	-3.133e+04
1	1	37.81	-3.909e+04	-1.995e+04	2045.48	-1.567e+06	-9.569e+04	-3.223e+04
1	1	38.38	-3.894e+04	-2.004e+04	2052.83	-1.570e+06	-9.432e+04	-3.177e+04
1	1	38.94	-3.882e+04	-2.011e+04	2060.08	-1.577e+06	-9.274e+04	-3.175e+04
1	1	39.50	-3.869e+04	-2.018e+04	2057.04	-1.589e+06	-9.039e+04	-3.151e+04
1	1	40.06	-3.854e+04	-2.030e+04	2059.00	-1.609e+06	-8.551e+04	-3.207e+04
1	1	40.62	-3.789e+04	-2.069e+04	1517.08	-1.718e+06	-7.637e+04	-3.396e+04
1	1	70.00	-3.776e+04	-2.069e+04	1517.08	-1.725e+06	-4.779e+04	-5.482e+04
1	1	71.12	-3.664e+04	-2.046e+04	1481.42	-1.537e+06	-4.545e+04	-5.577e+04
1	1	72.25	-3.604e+04	-2.018e+04	1450.09	-1.458e+06	-4.328e+04	-5.670e+04
1	1	73.38	-3.573e+04	-2.010e+04	1441.85	-1.429e+06	-4.119e+04	-5.757e+04
1	1	74.50	-3.548e+04	-2.013e+04	1442.27	-1.416e+06	-3.920e+04	-5.844e+04
1	1	75.62	-3.528e+04	-2.021e+04	1445.43	-1.414e+06	-3.729e+04	-5.930e+04
1	1	76.75	-3.513e+04	-2.031e+04	1450.39	-1.417e+06	-3.533e+04	-6.011e+04
1	1	77.88	-3.499e+04	-2.042e+04	1453.06	-1.425e+06	-3.314e+04	-6.041e+04
1	1	79.00	-3.484e+04	-2.054e+04	1460.96	-1.439e+06	-3.044e+04	-6.112e+04
1	1	80.12	-3.456e+04	-2.068e+04	1385.44	-1.475e+06	-2.784e+04	-6.400e+04
1	1	81.25	-3.408e+04	-2.071e+04	1419.07	-1.557e+06	-2.739e+04	-6.432e+04
1	1	105.00	-3.394e+04	-2.072e+04	1419.07	-1.566e+06	-4725.12	-7.115e+04
1	1	106.69	-3.306e+04	-2.060e+04	1417.60	-1.419e+06	-839.02	-7.170e+04
1	1	108.38	-3.239e+04	-2.039e+04	1408.93	-1.333e+06	2877.56	-7.220e+04
1	1	110.06	-3.193e+04	-2.025e+04	1400.65	-1.292e+06	6436.10	-7.262e+04
1	1	111.75	-3.160e+04	-2.023e+04	1394.51	-1.275e+06	9867.30	-7.297e+04
1	1	113.44	-3.135e+04	-2.030e+04	1314.95	-1.272e+06	1.320e+04	-7.323e+04
1	1	115.12	-3.116e+04	-2.040e+04	1239.48	-1.276e+06	1.645e+04	-7.337e+04
1	1	116.81	-3.101e+04	-2.053e+04	1175.66	-1.285e+06	1.952e+04	-7.558e+04
1	1	118.50	-3.083e+04	-2.065e+04	1122.95	-1.302e+06	2.213e+04	-7.513e+04
1	1	120.19	-3.058e+04	-2.073e+04	1119.86	-1.334e+06	2.420e+04	-7.462e+04
1	1	121.88	-3.023e+04	-2.072e+04	1107.48	-1.393e+06	2.599e+04	-7.424e+04
1	1	140.00	-3.010e+04	-2.074e+04	1107.48	-1.402e+06	4.315e+04	-6.898e+04
1	1	142.25	-2.937e+04	-2.066e+04	1139.87	-1.283e+06	4.585e+04	-6.836e+04
1	1	144.50	-2.871e+04	-2.050e+04	1152.62	-1.199e+06	4.865e+04	-6.764e+04
1	1	146.75	-2.815e+04	-2.039e+04	1089.92	-1.150e+06	5.148e+04	-6.680e+04
1	1	149.00	-2.772e+04	-2.037e+04	1008.09	-1.129e+06	5.421e+04	-6.577e+04
1	1	151.25	-2.740e+04	-2.041e+04	993.99	-1.125e+06	5.678e+04	-6.456e+04
1	1	153.50	-2.717e+04	-2.050e+04	979.92	-1.131e+06	5.921e+04	-6.318e+04
1	1	155.75	-2.700e+04	-2.062e+04	964.12	-1.141e+06	6.168e+04	-6.165e+04
1	1	158.00	-2.707e+04	-2.074e+04	953.81	-1.135e+06	6.417e+04	-6.008e+04
1	1	160.25	-2.686e+04	-2.078e+04	948.68	-1.161e+06	6.630e+04	-5.855e+04
1	1	162.50	-2.659e+04	-2.073e+04	959.26	-1.205e+06	6.838e+04	-5.701e+04
1	1	175.00	-2.649e+04	-2.074e+04	959.26	-1.212e+06	8.022e+04	-4.827e+04
1	1	177.81	-2.589e+04	-2.068e+04	1065.11	-1.116e+06	8.375e+04	-4.637e+04
1	1	180.62	-2.523e+04	-2.056e+04	1057.63	-1.035e+06	8.808e+04	-4.422e+04

1	1	183.44	-2.459e+04	-2.051e+04	1043.19	-9.806e+05	9.231e+04	-4.173e+04
1	1	186.25	-2.410e+04	-2.051e+04	1014.14	-9.569e+05	9.588e+04	-3.865e+04
1	1	189.06	-2.373e+04	-2.051e+04	988.49	-9.528e+05	9.899e+04	-3.108e+04
1	1	191.88	-2.344e+04	-2.053e+04	964.20	-9.599e+05	1.021e+05	-2.341e+04
1	1	194.69	-2.322e+04	-2.061e+04	946.81	-9.731e+05	1.051e+05	-1.586e+04
1	1	197.50	-2.311e+04	-2.075e+04	926.36	-9.836e+05	1.074e+05	-1.035e+04
1	1	200.31	-2.325e+04	-2.082e+04	924.15	-9.635e+05	1.096e+05	-3358.02
1	1	203.12	-2.306e+04	-2.068e+04	930.35	-9.948e+05	1.120e+05	2732.17
1	1	210.00	-2.299e+04	-2.068e+04	930.35	-1.000e+06	1.183e+05	1.169e+04
1	1	213.38	-2.260e+04	-2.066e+04	1200.23	-9.422e+05	1.233e+05	1.913e+04
1	1	216.75	-2.183e+04	-2.058e+04	1143.37	-8.509e+05	1.301e+05	2.587e+04
1	1	220.12	-2.116e+04	-2.068e+04	1070.88	-7.941e+05	1.346e+05	3.736e+04
1	1	223.50	-2.069e+04	-2.064e+04	1026.18	-7.725e+05	1.386e+05	4.490e+04
1	1	226.88	-2.032e+04	-2.051e+04	987.59	-7.688e+05	1.423e+05	5.212e+04
1	1	230.25	-1.998e+04	-2.036e+04	955.32	-7.774e+05	1.455e+05	5.922e+04
1	1	233.62	-1.966e+04	-2.027e+04	924.08	-7.967e+05	1.475e+05	6.624e+04
1	1	237.00	-1.941e+04	-2.033e+04	917.96	-8.218e+05	1.494e+05	7.315e+04
1	1	240.38	-1.949e+04	-2.064e+04	888.20	-8.109e+05	1.509e+05	8.278e+04
1	1	243.75	-1.967e+04	-2.081e+04	839.64	-7.786e+05	1.526e+05	8.771e+04
1	1	245.00	-1.965e+04	-2.080e+04	839.64	-7.803e+05	1.537e+05	9.018e+04
1	1	248.94	-2.011e+04	-2.002e+04	293.17	-8.706e+05	1.783e+05	1.233e+05
1	1	252.88	-1.898e+04	-2.099e+04	120.15	-7.227e+05	1.790e+05	1.446e+05
1	1	256.81	-1.852e+04	-2.092e+04	98.95	-6.867e+05	1.816e+05	1.652e+05
1	1	260.75	-1.817e+04	-2.051e+04	79.70	-6.743e+05	1.835e+05	1.828e+05
1	1	264.69	-1.782e+04	-1.999e+04	60.28	-6.742e+05	1.849e+05	1.984e+05
1	1	268.62	-1.745e+04	-1.941e+04	48.51	-6.867e+05	1.861e+05	2.124e+05
1	1	272.56	-1.702e+04	-1.882e+04	30.41	-7.152e+05	1.879e+05	2.251e+05
1	1	276.50	-1.652e+04	-1.828e+04	5.52	-7.665e+05	1.892e+05	2.374e+05
1	1	280.00	-1.593e+04	-1.804e+04	49.81	-8.483e+05	1.904e+05	2.468e+05
1	1	280.44	-1.299e+04	-1.916e+04	41.99	-3.660e+05	1.623e+05	2.207e+05
1	1	284.38	-7877.29	-2.257e+04	-275.32	5.476e+05	6.620e+04	1.307e+05
1	1	284.50	-8296.42	-2.239e+04	-279.14	4.718e+05	6.827e+04	1.318e+05
1	1	289.00	-7969.04	-2.034e+04	-275.86	3.688e+05	3.090e+04	9.190e+04
1	1	293.50	-7498.12	-1.834e+04	-311.53	2.816e+05	1.040e+04	6.720e+04
1	1	298.00	-6822.04	-1.638e+04	-315.73	2.225e+05	73.34	4.981e+04
1	1	302.50	-6057.08	-1.436e+04	-295.07	1.753e+05	-3937.53	3.696e+04
1	1	307.00	-5236.47	-1.222e+04	-268.36	1.352e+05	-4503.52	2.755e+04
1	1	311.50	-4370.70	-9913.72	-228.20	1.006e+05	-3360.98	2.075e+04
1	1	316.00	-3472.28	-7388.40	-196.43	7.012e+04	-1384.92	1.485e+04
1	1	320.50	-2612.32	-4487.22	-226.63	3.854e+04	-1864.28	1.183e+04
1	2	0.0	-3.507e+04	-1.308e+04	2159.22	-8.691e+05	-1.204e+05	-256.35
1	2	35.00	-3.495e+04	-1.306e+04	2159.22	-8.718e+05	-8.478e+04	-2.371e+04
1	2	35.56	-3.401e+04	-1.268e+04	2017.26	-7.142e+05	-8.383e+04	-2.437e+04
1	2	36.12	-3.384e+04	-1.264e+04	2000.56	-6.924e+05	-8.276e+04	-2.493e+04
1	2	36.69	-3.367e+04	-1.266e+04	2004.61	-6.769e+05	-8.170e+04	-2.558e+04
1	2	37.25	-3.352e+04	-1.269e+04	2013.45	-6.684e+05	-8.070e+04	-2.624e+04
1	2	37.81	-3.337e+04	-1.273e+04	2021.89	-6.659e+05	-7.973e+04	-2.690e+04
1	2	38.38	-3.323e+04	-1.275e+04	2028.02	-6.687e+05	-7.870e+04	-2.623e+04
1	2	38.94	-3.310e+04	-1.277e+04	2034.37	-6.762e+05	-7.741e+04	-2.603e+04
1	2	39.50	-3.296e+04	-1.279e+04	2028.37	-6.886e+05	-7.534e+04	-2.564e+04
1	2	40.06	-3.279e+04	-1.286e+04	2022.59	-7.121e+05	-7.093e+04	-2.613e+04
1	2	40.62	-3.197e+04	-1.321e+04	1456.87	-8.501e+05	-6.281e+04	-2.762e+04
1	2	70.00	-3.183e+04	-1.322e+04	1456.87	-8.567e+05	-3.416e+04	-4.681e+04
1	2	71.12	-3.115e+04	-1.307e+04	1420.97	-7.418e+05	-3.274e+04	-4.750e+04
1	2	72.25	-3.076e+04	-1.289e+04	1388.50	-6.917e+05	-3.135e+04	-4.819e+04
1	2	73.38	-3.054e+04	-1.283e+04	1378.91	-6.724e+05	-2.995e+04	-4.885e+04
1	2	74.50	-3.030e+04	-1.283e+04	1378.50	-6.629e+05	-2.853e+04	-4.951e+04
1	2	75.62	-3.026e+04	-1.286e+04	1380.91	-6.606e+05	-2.708e+04	-5.016e+04
1	2	76.75	-3.005e+04	-1.290e+04	1385.31	-6.639e+05	-2.550e+04	-5.078e+04
1	2	77.88	-2.991e+04	-1.296e+04	1386.85	-6.721e+05	-2.363e+04	-5.091e+04
1	2	79.00	-2.976e+04	-1.303e+04	1394.46	-6.863e+05	-2.124e+04	-5.143e+04
1	2	80.12	-2.942e+04	-1.316e+04	1320.63	-7.305e+05	-1.890e+04	-5.409e+04
1	2	81.25	-2.880e+04	-1.321e+04	1354.31	-8.358e+05	-1.838e+04	-5.414e+04
1	2	105.00	-2.866e+04	-1.323e+04	1354.31	-8.445e+05	4169.79	-6.014e+04
1	2	106.69	-2.812e+04	-1.315e+04	1353.04	-7.550e+05	7345.20	-6.054e+04
1	2	108.38	-2.770e+04	-1.301e+04	1344.00	-7.025e+05	1.042e+04	-6.089e+04
1	2	110.06	-2.740e+04	-1.291e+04	1334.82	-6.760e+05	1.342e+04	-6.120e+04
1	2	111.75	-2.716e+04	-1.288e+04	1328.35	-6.643e+05	1.636e+04	-6.144e+04
1	2	113.44	-2.696e+04	-1.291e+04	1248.73	-6.619e+05	1.929e+04	-6.159e+04
1	2	115.12	-2.678e+04	-1.297e+04	1173.42	-6.662e+05	2.221e+04	-6.161e+04
1	2	116.81	-2.662e+04	-1.305e+04	1109.95	-6.758e+05	2.501e+04	-6.371e+04
1	2	118.50	-2.646e+04	-1.315e+04	1058.62	-6.916e+05	2.741e+04	-6.314e+04
1	2	120.19	-2.616e+04	-1.322e+04	1054.70	-7.304e+05	2.897e+04	-6.249e+04
1	2	121.88	-2.569e+04	-1.322e+04	1047.80	-8.084e+05	3.079e+04	-6.199e+04
1	2	140.00	-2.556e+04	-1.324e+04	1047.80	-8.173e+05	4.801e+04	-5.638e+04
1	2	142.25	-2.512e+04	-1.318e+04	1080.77	-7.461e+05	5.028e+04	-5.568e+04
1	2	144.50	-2.471e+04	-1.308e+04	1093.48	-6.965e+05	5.269e+04	-5.489e+04

1	2	146.75	-2.435e+04	-1.299e+04	1029.89	-6.659e+05	5.520e+04	-5.400e+04
1	2	149.00	-2.404e+04	-1.297e+04	948.56	-6.516e+05	5.766e+04	-5.296e+04
1	2	151.25	-2.379e+04	-1.300e+04	935.36	-6.491e+05	6.002e+04	-5.173e+04
1	2	153.50	-2.358e+04	-1.306e+04	922.45	-6.546e+05	6.229e+04	-5.030e+04
1	2	155.75	-2.339e+04	-1.315e+04	908.90	-6.659e+05	6.437e+04	-4.872e+04
1	2	158.00	-2.301e+04	-1.324e+04	900.20	-7.019e+05	6.632e+04	-4.710e+04
1	2	160.25	-2.280e+04	-1.327e+04	896.26	-7.279e+05	6.848e+04	-4.553e+04
1	2	162.50	-2.246e+04	-1.322e+04	906.18	-7.852e+05	7.055e+04	-4.393e+04
1	2	175.00	-2.235e+04	-1.323e+04	906.18	-7.928e+05	8.242e+04	-3.511e+04
1	2	177.81	-2.200e+04	-1.320e+04	1012.12	-7.381e+05	8.543e+04	-3.317e+04
1	2	180.62	-2.160e+04	-1.310e+04	1005.22	-6.927e+05	8.873e+04	-3.103e+04
1	2	183.44	-2.117e+04	-1.306e+04	991.09	-6.579e+05	9.205e+04	-2.862e+04
1	2	186.25	-2.081e+04	-1.307e+04	964.08	-6.418e+05	9.525e+04	-2.563e+04
1	2	189.06	-2.052e+04	-1.308e+04	940.16	-6.391e+05	9.841e+04	-1.813e+04
1	2	191.88	-2.027e+04	-1.312e+04	918.31	-6.456e+05	1.012e+05	-1.051e+04
1	2	194.69	-2.004e+04	-1.318e+04	903.31	-6.593e+05	1.040e+05	-2974.19
1	2	197.50	-1.987e+04	-1.328e+04	890.51	-6.758e+05	1.063e+05	2546.60
1	2	200.31	-1.955e+04	-1.331e+04	888.46	-7.165e+05	1.086e+05	9557.26
1	2	203.12	-1.934e+04	-1.320e+04	898.89	-7.508e+05	1.109e+05	1.561e+04
1	2	210.00	-1.927e+04	-1.319e+04	898.89	-7.564e+05	1.174e+05	2.449e+04
1	2	213.38	-1.911e+04	-1.318e+04	1166.65	-7.362e+05	1.213e+05	3.185e+04
1	2	216.75	-1.862e+04	-1.306e+04	1112.19	-6.831e+05	1.271e+05	3.837e+04
1	2	220.12	-1.813e+04	-1.316e+04	1044.57	-6.432e+05	1.312e+05	4.966e+04
1	2	223.50	-1.778e+04	-1.318e+04	1001.87	-6.282e+05	1.347e+05	5.703e+04
1	2	226.88	-1.749e+04	-1.313e+04	965.59	-6.260e+05	1.380e+05	6.411e+04
1	2	230.25	-1.720e+04	-1.306e+04	935.74	-6.336e+05	1.416e+05	7.109e+04
1	2	233.62	-1.692e+04	-1.301e+04	909.03	-6.513e+05	1.444e+05	7.800e+04
1	2	237.00	-1.665e+04	-1.304e+04	904.45	-6.770e+05	1.465e+05	8.487e+04
1	2	240.38	-1.661e+04	-1.321e+04	902.88	-6.825e+05	1.484e+05	9.440e+04
1	2	243.75	-1.632e+04	-1.323e+04	852.32	-7.304e+05	1.495e+05	9.965e+04
1	2	245.00	-1.630e+04	-1.322e+04	852.32	-7.321e+05	1.507e+05	1.021e+05
1	2	248.94	-1.703e+04	-1.226e+04	278.17	-8.687e+05	1.738e+05	1.348e+05
1	2	252.88	-1.610e+04	-1.322e+04	135.73	-7.458e+05	1.748e+05	1.556e+05
1	2	256.81	-1.575e+04	-1.326e+04	117.96	-7.210e+05	1.776e+05	1.758e+05
1	2	260.75	-1.550e+04	-1.301e+04	105.07	-7.142e+05	1.799e+05	1.930e+05
1	2	264.69	-1.524e+04	-1.266e+04	90.81	-7.157e+05	1.814e+05	2.083e+05
1	2	268.62	-1.494e+04	-1.226e+04	81.89	-7.267e+05	1.828e+05	2.219e+05
1	2	272.56	-1.460e+04	-1.183e+04	69.52	-7.507e+05	1.849e+05	2.344e+05
1	2	276.50	-1.417e+04	-1.141e+04	52.18	-7.946e+05	1.879e+05	2.462e+05
1	2	280.00	-1.370e+04	-1.117e+04	84.45	-8.617e+05	1.904e+05	2.557e+05
1	2	280.44	-1.081e+04	-1.231e+04	82.50	-3.803e+05	1.628e+05	2.295e+05
1	2	284.38	-5794.39	-1.554e+04	14.87	4.702e+05	7.177e+04	1.376e+05
1	2	284.50	-6224.26	-1.536e+04	13.16	3.936e+05	7.382e+04	1.387e+05
1	2	289.00	-6035.31	-1.377e+04	-16.95	3.062e+05	3.727e+04	9.749e+04
1	2	293.50	-5723.96	-1.231e+04	-57.50	2.314e+05	1.741e+04	7.164e+04
1	2	298.00	-5216.15	-1.097e+04	-68.66	1.836e+05	7188.88	5.309e+04
1	2	302.50	-4626.87	-9621.67	-54.36	1.468e+05	3227.87	3.915e+04
1	2	307.00	-3992.50	-8221.91	-33.35	1.161e+05	2230.33	2.869e+04
1	2	311.50	-3328.68	-6719.32	-4.68	8.978e+04	2762.75	2.084e+04
1	2	316.00	-2671.27	-5081.28	11.51	6.530e+04	3620.56	1.417e+04
1	2	320.50	-2084.03	-3194.76	-27.02	3.854e+04	2130.64	9595.70
1	4	0.0	1.069e+04	1.929e+04	-209.89	6.689e+05	-5.264e+04	-7834.59
1	4	35.00	1.082e+04	1.931e+04	-209.89	6.662e+05	-1.621e+04	-3.684e+04
1	4	35.56	9456.47	1.864e+04	-216.03	4.332e+05	-1.754e+04	-3.630e+04
1	4	36.12	9351.19	1.860e+04	-312.06	4.187e+05	-1.859e+04	-3.659e+04
1	4	36.69	9257.53	1.867e+04	-310.50	4.094e+05	-1.928e+04	-3.686e+04
1	4	37.25	9195.24	1.876e+04	-302.95	4.055e+05	-1.972e+04	-3.707e+04
1	4	37.81	9159.46	1.886e+04	-294.25	4.045e+05	-2.001e+04	-3.719e+04
1	4	38.38	9155.41	1.895e+04	-284.69	4.044e+05	-2.025e+04	-3.857e+04
1	4	38.94	9178.10	1.902e+04	-276.97	4.031e+05	-2.068e+04	-3.941e+04
1	4	39.50	9200.81	1.909e+04	-261.47	4.010e+05	-2.185e+04	-4.040e+04
1	4	40.06	9208.42	1.920e+04	-259.96	4.001e+05	-2.555e+04	-4.059e+04
1	4	40.62	8733.93	1.958e+04	-226.82	4.813e+05	-3.390e+04	-3.946e+04
1	4	70.00	8872.21	1.957e+04	226.82	4.747e+05	-5117.78	-4.484e+04
1	4	71.12	7899.17	1.933e+04	204.66	3.081e+05	-5483.50	-4.474e+04
1	4	72.25	7433.49	1.904e+04	200.08	2.453e+05	-5668.65	-4.461e+04
1	4	73.38	7259.35	1.898e+04	201.39	2.278e+05	-5678.64	-4.444e+04
1	4	74.50	7157.18	1.901e+04	203.69	2.210e+05	-5524.22	-4.418e+04
1	4	75.62	7112.07	1.910e+04	205.22	2.193e+05	-5264.00	-4.386e+04
1	4	76.75	7114.28	1.921e+04	205.31	2.187e+05	-5027.02	-4.348e+04
1	4	77.88	7146.59	1.932e+04	207.71	2.166e+05	-5033.98	-4.354e+04
1	4	79.00	7159.19	1.943e+04	203.67	2.155e+05	-5548.22	-4.313e+04
1	4	80.12	7052.54	1.957e+04	277.87	2.300e+05	-5998.79	-4.048e+04
1	4	81.25	6730.54	1.960e+04	237.48	2.854e+05	-4338.65	-4.031e+04
1	4	105.00	6869.93	1.958e+04	237.48	2.768e+05	1.824e+04	-3.662e+04
1	4	106.69	6142.34	1.945e+04	247.04	1.508e+05	1.741e+04	-3.624e+04
1	4	108.38	5607.48	1.924e+04	258.46	7.789e+04	1.682e+04	-3.581e+04

1	4	110.06	5281.95	1.912e+04	263.73	4.496e+04	1.649e+04	-3.530e+04
1	4	111.75	5104.40	1.912e+04	262.31	3.296e+04	1.635e+04	-3.468e+04
1	4	113.44	5022.46	1.918e+04	333.00	2.990e+04	1.633e+04	-3.396e+04
1	4	115.12	5011.55	1.929e+04	401.08	2.910e+04	1.637e+04	-3.320e+04
1	4	116.81	5044.06	1.941e+04	460.51	2.678e+04	1.656e+04	-3.023e+04
1	4	118.50	5035.52	1.953e+04	512.19	2.767e+04	1.719e+04	-2.982e+04
1	4	120.19	4971.21	1.960e+04	517.40	3.682e+04	1.832e+04	-2.937e+04
1	4	121.88	4794.64	1.959e+04	536.53	6.803e+04	1.971e+04	-2.873e+04
1	4	140.00	4923.98	1.957e+04	536.53	5.912e+04	3.684e+04	-2.306e+04
1	4	142.25	4358.35	1.948e+04	580.17	-4.086e+04	3.824e+04	-2.239e+04
1	4	144.50	3799.92	1.934e+04	607.12	-1.186e+05	3.984e+04	-2.157e+04
1	4	146.75	3389.98	1.927e+04	666.89	-1.611e+05	4.162e+04	-2.061e+04
1	4	149.00	3147.55	1.926e+04	726.66	-1.779e+05	4.354e+04	-1.944e+04
1	4	151.25	3026.41	1.928e+04	715.61	-1.825e+05	4.556e+04	-1.811e+04
1	4	153.50	2986.96	1.935e+04	708.64	-1.832e+05	4.762e+04	-1.672e+04
1	4	155.75	3009.81	1.946e+04	710.79	-1.852e+05	4.954e+04	-1.531e+04
1	4	158.00	3260.35	1.957e+04	716.59	-2.087e+05	5.138e+04	-1.383e+04
1	4	160.25	3243.18	1.961e+04	727.04	-2.055e+05	5.353e+04	-1.223e+04
1	4	162.50	3173.71	1.955e+04	732.83	-1.919e+05	5.571e+04	-1.059e+04
1	4	175.00	3278.88	1.954e+04	732.83	-1.995e+05	6.757e+04	-1691.58
1	4	177.81	2810.78	1.945e+04	846.50	-2.847e+05	6.903e+04	247.92
1	4	180.62	2200.94	1.944e+04	912.89	-3.719e+05	7.092e+04	2423.81
1	4	183.44	1786.05	1.945e+04	893.67	-4.168e+05	7.318e+04	5092.31
1	4	186.25	1545.49	1.940e+04	872.15	-4.345e+05	7.584e+04	8048.19
1	4	189.06	1399.48	1.934e+04	851.02	-4.401e+05	7.865e+04	6931.00
1	4	191.88	1315.36	1.933e+04	838.58	-4.403e+05	8.122e+04	5920.00
1	4	194.69	1292.94	1.938e+04	832.42	-4.398e+05	8.372e+04	5140.92
1	4	197.50	1372.12	1.950e+04	845.36	-4.472e+05	8.679e+04	6440.23
1	4	200.31	1704.28	1.958e+04	857.23	-4.900e+05	8.985e+04	6278.64
1	4	203.12	1736.84	1.946e+04	875.88	-4.933e+05	9.282e+04	6951.03
1	4	210.00	1804.55	1.946e+04	875.88	-4.989e+05	9.943e+04	1.476e+04
1	4	213.38	1222.55	1.946e+04	1134.74	-6.049e+05	1.004e+05	1.801e+04
1	4	216.75	632.15	1.978e+04	1082.31	-6.944e+05	1.042e+05	2.117e+04
1	4	220.12	384.40	1.968e+04	1046.09	-7.243e+05	1.081e+05	2.292e+04
1	4	223.50	189.92	1.949e+04	1003.81	-7.401e+05	1.116e+05	2.911e+04
1	4	226.88	26.35	1.928e+04	973.76	-7.464e+05	1.149e+05	3.561e+04
1	4	230.25	-119.87	1.910e+04	954.21	-7.459e+05	1.183e+05	4.209e+04
1	4	233.62	-243.44	1.901e+04	951.57	-7.403e+05	1.225e+05	4.850e+04
1	4	237.00	-295.39	1.908e+04	947.67	-7.362e+05	1.267e+05	5.485e+04
1	4	240.38	-54.78	1.943e+04	1000.12	-7.677e+05	1.313e+05	5.831e+04
1	4	243.75	436.99	1.964e+04	1070.74	-8.498e+05	1.354e+05	6.555e+04
1	4	245.00	451.99	1.965e+04	1070.74	-8.515e+05	1.365e+05	6.793e+04
1	4	248.94	-1225.07	2.132e+04	353.41	-1.149e+06	1.528e+05	9.119e+04
1	4	252.88	-1027.40	2.051e+04	313.25	-1.124e+06	1.554e+05	1.144e+05
1	4	256.81	-1192.78	2.019e+04	271.19	-1.147e+06	1.581e+05	1.318e+05
1	4	260.75	-1374.66	1.992e+04	248.15	-1.165e+06	1.624e+05	1.471e+05
1	4	264.69	-1550.47	1.965e+04	233.07	-1.175e+06	1.675e+05	1.602e+05
1	4	268.62	-1739.78	1.937e+04	215.31	-1.177e+06	1.727e+05	1.718e+05
1	4	272.56	-1971.33	1.911e+04	209.04	-1.168e+06	1.774e+05	1.822e+05
1	4	276.50	-2232.78	1.896e+04	225.93	-1.147e+06	1.825e+05	1.915e+05
1	4	280.00	-2435.60	1.916e+04	218.09	-1.126e+06	1.869e+05	2.012e+05
1	4	280.44	203.68	1.792e+04	233.50	-6.426e+05	1.617e+05	1.781e+05
1	4	284.38	4377.92	1.555e+04	565.65	1.069e+04	8.885e+04	9.471e+04
1	4	284.50	3900.62	1.570e+04	570.33	-6.863e+04	9.106e+04	9.622e+04
1	4	289.00	3478.66	1.558e+04	428.83	-6.861e+04	5.854e+04	5.997e+04
1	4	293.50	3167.64	1.492e+04	381.98	-5.783e+04	4.220e+04	3.979e+04
1	4	298.00	2975.06	1.385e+04	373.59	-3.027e+04	3.256e+04	2.561e+04
1	4	302.50	2796.39	1.245e+04	378.03	583.74	2.701e+04	1.588e+04
1	4	307.00	2556.58	1.076e+04	389.18	2.757e+04	2.407e+04	9457.50
1	4	311.50	2180.35	8730.07	378.29	4.634e+04	2.202e+04	5287.17
1	4	316.00	1527.13	6256.84	336.26	5.164e+04	1.855e+04	3127.20
1	4	320.50	376.64	3121.29	269.61	3.854e+04	1.395e+04	-1358.01
1	33	0.0	-2.787e+04	-9994.40	1582.12	-1.212e+06	-1.170e+05	-3344.51
1	33	35.00	-2.774e+04	-9976.57	1582.12	-1.214e+06	-8.113e+04	-2.995e+04
1	33	35.56	-2.698e+04	-9678.05	1449.14	-1.086e+06	-7.996e+04	-3.061e+04
1	33	36.12	-2.683e+04	-9652.71	1408.76	-1.068e+06	-7.873e+04	-3.127e+04
1	33	36.69	-2.669e+04	-9680.22	1412.69	-1.055e+06	-7.759e+04	-3.203e+04
1	33	37.25	-2.656e+04	-9718.43	1422.02	-1.048e+06	-7.657e+04	-3.276e+04
1	33	37.81	-2.644e+04	-9759.51	1431.40	-1.046e+06	-7.561e+04	-3.345e+04
1	33	38.38	-2.633e+04	-9799.33	1439.30	-1.048e+06	-7.468e+04	-3.347e+04
1	33	38.94	-2.623e+04	-9835.42	1446.66	-1.054e+06	-7.363e+04	-3.368e+04
1	33	39.50	-2.613e+04	-9870.45	1448.27	-1.063e+06	-7.221e+04	-3.376e+04
1	33	40.06	-2.601e+04	-9928.81	1450.10	-1.078e+06	-6.957e+04	-3.423e+04
1	33	40.62	-2.566e+04	-1.011e+04	1176.88	-1.137e+06	-6.501e+04	-3.532e+04
1	33	70.00	-2.552e+04	-1.012e+04	1176.88	-1.144e+06	-6.338e+04	-5.211e+04
1	33	71.12	-2.496e+04	-1.001e+04	1144.74	-1.049e+06	-3.477e+04	-5.278e+04
1	33	72.25	-2.464e+04	-9876.89	1120.43	-1.008e+06	-3.324e+04	-5.343e+04

1	33	73.38	-2.445e+04	-9839.69	1114.72	-9.913e+05	-3.171e+04	-5.403e+04
1	33	74.50	-2.430e+04	-9849.75	1115.65	-9.835e+05	-3.022e+04	-5.460e+04
1	33	75.62	-2.416e+04	-9885.53	1118.42	-9.818e+05	-2.875e+04	-5.514e+04
1	33	76.75	-2.405e+04	-9934.05	1122.13	-9.845e+05	-2.725e+04	-5.564e+04
1	33	77.88	-2.394e+04	-9987.28	1124.72	-9.907e+05	-2.564e+04	-5.588e+04
1	33	79.00	-2.383e+04	-1.004e+04	1129.64	-1.002e+06	-2.378e+04	-5.630e+04
1	33	80.12	-2.365e+04	-1.011e+04	1093.33	-1.025e+06	-2.199e+04	-5.773e+04
1	33	81.25	-2.337e+04	-1.012e+04	1107.72	-1.071e+06	-2.122e+04	-5.791e+04
1	33	105.00	-2.323e+04	-1.014e+04	1107.72	-1.080e+06	1425.06	-6.198e+04
1	33	106.69	-2.278e+04	-1.008e+04	1109.21	-1.004e+06	4045.11	-6.229e+04
1	33	108.38	-2.243e+04	-9981.15	1105.84	-9.602e+05	6604.30	-6.254e+04
1	33	110.06	-2.217e+04	-9912.41	1101.14	-9.383e+05	9115.76	-6.272e+04
1	33	111.75	-2.197e+04	-9900.05	1096.29	-9.289e+05	1.159e+04	-6.281e+04
1	33	113.44	-2.181e+04	-9927.99	1056.40	-9.273e+05	1.402e+04	-6.281e+04
1	33	115.12	-2.167e+04	-9979.49	1018.75	-9.309e+05	1.641e+04	-6.272e+04
1	33	116.81	-2.156e+04	-1.004e+04	987.41	-9.379e+05	1.871e+04	-6.357e+04
1	33	118.50	-2.142e+04	-1.010e+04	962.20	-9.506e+05	2.079e+04	-6.313e+04
1	33	120.19	-2.126e+04	-1.014e+04	961.25	-9.715e+05	2.261e+04	-6.263e+04
1	33	121.88	-2.104e+04	-1.014e+04	957.12	-1.007e+06	2.429e+04	-6.218e+04
1	33	140.00	-2.091e+04	-1.015e+04	957.12	-1.016e+06	4.144e+04	-5.682e+04
1	33	142.25	-2.053e+04	-1.012e+04	992.58	-9.543e+05	4.380e+04	-5.618e+04
1	33	144.50	-2.018e+04	-1.004e+04	1009.10	-9.131e+05	4.628e+04	-5.544e+04
1	33	146.75	-1.988e+04	-9974.29	978.86	-8.882e+05	4.883e+04	-5.456e+04
1	33	149.00	-1.963e+04	-9961.48	934.38	-8.769e+05	5.135e+04	-5.350e+04
1	33	151.25	-1.942e+04	-9984.62	920.99	-8.753e+05	5.377e+04	-5.226e+04
1	33	153.50	-1.926e+04	-1.003e+04	908.70	-8.798e+05	5.610e+04	-5.088e+04
1	33	155.75	-1.913e+04	-1.009e+04	897.54	-8.878e+05	5.842e+04	-4.938e+04
1	33	158.00	-1.911e+04	-1.015e+04	891.42	-8.897e+05	6.073e+04	-4.784e+04
1	33	160.25	-1.896e+04	-1.017e+04	890.36	-9.082e+05	6.286e+04	-4.629e+04
1	33	162.50	-1.878e+04	-1.015e+04	899.69	-9.369e+05	6.497e+04	-4.472e+04
1	33	175.00	-1.868e+04	-1.016e+04	899.69	-9.446e+05	7.682e+04	-3.595e+04
1	33	177.81	-1.836e+04	-1.014e+04	1007.71	-8.961e+05	7.979e+04	-3.404e+04
1	33	180.62	-1.803e+04	-1.005e+04	1019.93	-8.594e+05	8.348e+04	-3.188e+04
1	33	183.44	-1.767e+04	-1.002e+04	1004.16	-8.309e+05	8.718e+04	-2.935e+04
1	33	186.25	-1.737e+04	-1.003e+04	976.98	-8.181e+05	9.051e+04	-2.631e+04
1	33	189.06	-1.714e+04	-1.004e+04	952.46	-8.165e+05	9.354e+04	-2.102e+04
1	33	191.88	-1.695e+04	-1.006e+04	931.24	-8.218e+05	9.650e+04	-1.563e+04
1	33	194.69	-1.679e+04	-1.011e+04	916.78	-8.315e+05	9.936e+04	-1.027e+04
1	33	197.50	-1.669e+04	-1.018e+04	905.10	-8.411e+05	1.019e+05	-5865.58
1	33	200.31	-1.670e+04	-1.021e+04	906.59	-8.378e+05	1.043e+05	-752.80
1	33	203.12	-1.655e+04	-1.014e+04	916.10	-8.618e+05	1.068e+05	3913.61
1	33	210.00	-1.648e+04	-1.014e+04	916.10	-8.674e+05	1.133e+05	1.257e+04
1	33	213.38	-1.635e+04	-1.012e+04	1183.15	-8.523e+05	1.172e+05	1.891e+04
1	33	216.75	-1.593e+04	-9983.95	1127.49	-8.086e+05	1.232e+05	2.470e+04
1	33	220.12	-1.550e+04	-1.008e+04	1064.36	-7.746e+05	1.276e+05	3.364e+04
1	33	223.50	-1.521e+04	-1.010e+04	1020.27	-7.628e+05	1.314e+05	4.083e+04
1	33	226.88	-1.498e+04	-1.006e+04	983.92	-7.617e+05	1.350e+05	4.787e+04
1	33	230.25	-1.477e+04	-9999.37	954.98	-7.679e+05	1.382e+05	5.481e+04
1	33	233.62	-1.457e+04	-9957.07	931.25	-7.807e+05	1.409e+05	6.167e+04
1	33	237.00	-1.439e+04	-9976.80	925.73	-7.982e+05	1.434e+05	6.843e+04
1	33	240.38	-1.439e+04	-1.012e+04	917.70	-7.985e+05	1.457e+05	7.644e+04
1	33	243.75	-1.439e+04	-1.019e+04	900.33	-7.966e+05	1.480e+05	8.197e+04
1	33	245.00	-1.437e+04	-1.017e+04	900.33	-7.983e+05	1.491e+05	8.442e+04
1	33	248.94	-1.515e+04	-9157.63	308.95	-9.429e+05	1.715e+05	1.149e+05
1	33	252.88	-1.427e+04	-1.009e+04	170.65	-8.273e+05	1.727e+05	1.368e+05
1	33	256.81	-1.397e+04	-1.012e+04	144.20	-8.068e+05	1.754e+05	1.565e+05
1	33	260.75	-1.376e+04	-9894.62	124.13	-8.024e+05	1.779e+05	1.735e+05
1	33	264.69	-1.355e+04	-9580.43	105.98	-8.049e+05	1.803e+05	1.885e+05
1	33	268.62	-1.332e+04	-9226.69	92.75	-8.145e+05	1.826e+05	2.018e+05
1	33	272.56	-1.307e+04	-8859.08	77.82	-8.333e+05	1.851e+05	2.139e+05
1	33	276.50	-1.277e+04	-8500.04	63.92	-8.658e+05	1.875e+05	2.255e+05
1	33	280.00	-1.239e+04	-8271.37	94.47	-9.205e+05	1.895e+05	2.349e+05
1	33	280.44	-9523.95	-9419.26	92.78	-4.380e+05	1.621e+05	2.096e+05
1	33	284.38	-4661.13	-1.256e+04	-51.23	4.070e+05	7.220e+04	1.213e+05
1	33	284.50	-5095.61	-1.239e+04	-52.80	3.302e+05	7.430e+04	1.225e+05
1	33	289.00	-4965.45	-1.091e+04	-87.58	2.542e+05	3.822e+04	8.359e+04
1	33	293.50	-4699.97	-9606.07	-126.37	1.926e+05	1.883e+04	6.007e+04
1	33	298.00	-4252.00	-8443.82	-131.85	1.562e+05	8679.95	4.351e+04
1	33	302.50	-3734.75	-7321.39	-115.58	1.295e+05	4255.24	3.147e+04
1	33	307.00	-3192.40	-6189.56	-93.06	1.070e+05	3056.94	2.283e+04
1	33	311.50	-2652.39	-5021.73	-66.36	8.637e+04	3350.22	1.671e+04
1	33	316.00	-2160.85	-3808.31	-54.00	6.526e+04	3888.62	1.179e+04
1	33	320.50	-1827.78	-2490.91	-93.81	3.854e+04	2309.55	8362.15
1	34	0.0	-2.483e+04	-6575.40	1553.31	-7.391e+05	-1.077e+05	-2635.89
1	34	35.00	-2.470e+04	-6557.57	1553.31	-7.418e+05	-7.190e+04	-2.815e+04
1	34	35.56	-2.421e+04	-6381.59	1420.47	-6.600e+05	-7.126e+04	-2.860e+04
1	34	36.12	-2.410e+04	-6359.44	1398.45	-6.454e+05	-7.050e+04	-2.916e+04

1	34	36.69	-2.398e+04	-6367.23	1402.05	-6.349e+05	-6.971e+04	-2.978e+04
1	34	37.25	-2.387e+04	-6380.23	1410.87	-6.290e+05	-6.895e+04	-3.039e+04
1	34	37.81	-2.376e+04	-6394.16	1419.69	-6.273e+05	-6.820e+04	-3.097e+04
1	34	38.38	-2.366e+04	-6406.61	1427.03	-6.294e+05	-6.742e+04	-3.090e+04
1	34	38.94	-2.356e+04	-6416.16	1433.97	-6.353e+05	-6.651e+04	-3.102e+04
1	34	39.50	-2.346e+04	-6425.93	1434.20	-6.449e+05	-6.521e+04	-3.103e+04
1	34	40.06	-2.333e+04	-6460.89	1432.40	-6.614e+05	-6.280e+04	-3.146e+04
1	34	40.62	-2.290e+04	-6631.34	1148.03	-7.342e+05	-5.871e+04	-3.238e+04
1	34	70.00	-2.276e+04	-6637.21	1148.03	-7.409e+05	-3.004e+04	-4.839e+04
1	34	71.12	-2.240e+04	-6571.17	1115.76	-6.802e+05	-2.886e+04	-4.894e+04
1	34	72.25	-2.217e+04	-6485.00	1090.95	-6.518e+05	-2.769e+04	-4.948e+04
1	34	73.38	-2.203e+04	-6453.50	1084.63	-6.398e+05	-2.649e+04	-4.998e+04
1	34	74.50	-2.191e+04	-6449.12	1085.20	-6.336e+05	-2.526e+04	-5.045e+04
1	34	75.62	-2.179e+04	-6460.76	1087.63	-6.322e+05	-2.400e+04	-5.090e+04
1	34	76.75	-2.168e+04	-6481.86	1091.09	-6.349e+05	-2.268e+04	-5.131e+04
1	34	77.88	-2.157e+04	-6509.44	1093.18	-6.413e+05	-2.121e+04	-5.147e+04
1	34	79.00	-2.145e+04	-6546.87	1097.98	-6.521e+05	-1.950e+04	-5.180e+04
1	34	80.12	-2.125e+04	-6609.98	1062.50	-6.788e+05	-1.782e+04	-5.312e+04
1	34	81.25	-2.091e+04	-6632.05	1076.90	-7.358e+05	-1.702e+04	-5.318e+04
1	34	105.00	-2.077e+04	-6647.48	1076.90	-7.444e+05	5564.23	-5.686e+04
1	34	106.69	-2.047e+04	-6612.23	1078.46	-6.959e+05	7853.42	-5.710e+04
1	34	108.38	-2.024e+04	-6544.25	1074.95	-6.674e+05	1.011e+04	-5.728e+04
1	34	110.06	-2.006e+04	-6492.97	1069.87	-6.525e+05	1.236e+04	-5.741e+04
1	34	111.75	-1.990e+04	-6476.29	1064.89	-6.455e+05	1.461e+04	-5.745e+04
1	34	113.44	-1.976e+04	-6487.49	1025.00	-6.444e+05	1.685e+04	-5.740e+04
1	34	115.12	-1.963e+04	-6517.21	987.46	-6.478e+05	1.909e+04	-5.725e+04
1	34	116.81	-1.951e+04	-6558.90	956.31	-6.553e+05	2.126e+04	-5.805e+04
1	34	118.50	-1.938e+04	-6606.94	931.76	-6.671e+05	2.325e+04	-5.755e+04
1	34	120.19	-1.919e+04	-6642.88	930.44	-6.913e+05	2.482e+04	-5.699e+04
1	34	121.88	-1.892e+04	-6640.07	928.86	-7.357e+05	2.652e+04	-5.649e+04
1	34	140.00	-1.879e+04	-6658.10	928.86	-7.446e+05	4.370e+04	-5.096e+04
1	34	142.25	-1.854e+04	-6637.62	964.56	-7.053e+05	4.585e+04	-5.028e+04
1	34	144.50	-1.832e+04	-6578.63	981.10	-6.800e+05	4.815e+04	-4.951e+04
1	34	146.75	-1.811e+04	-6529.63	950.49	-6.636e+05	5.055e+04	-4.861e+04
1	34	149.00	-1.791e+04	-6516.87	906.28	-6.556e+05	5.294e+04	-4.754e+04
1	34	151.25	-1.774e+04	-6532.05	893.34	-6.546e+05	5.526e+04	-4.629e+04
1	34	153.50	-1.758e+04	-6566.25	881.61	-6.589e+05	5.751e+04	-4.489e+04
1	34	155.75	-1.744e+04	-6613.81	871.52	-6.675e+05	5.965e+04	-4.337e+04
1	34	158.00	-1.722e+04	-6659.79	866.16	-6.889e+05	6.171e+04	-4.179e+04
1	34	160.25	-1.707e+04	-6678.27	865.66	-7.072e+05	6.386e+04	-4.023e+04
1	34	162.50	-1.685e+04	-6652.46	874.69	-7.422e+05	6.596e+04	-3.864e+04
1	34	175.00	-1.675e+04	-6663.54	874.69	-7.499e+05	7.782e+04	-2.982e+04
1	34	177.81	-1.654e+04	-6657.20	982.73	-7.207e+05	8.056e+04	-2.789e+04
1	34	180.62	-1.634e+04	-6578.59	995.25	-7.005e+05	8.378e+04	-2.574e+04
1	34	183.44	-1.608e+04	-6548.39	979.65	-6.813e+05	8.706e+04	-2.324e+04
1	34	186.25	-1.584e+04	-6561.92	953.47	-6.720e+05	9.022e+04	-2.025e+04
1	34	189.06	-1.564e+04	-6583.21	929.78	-6.711e+05	9.327e+04	-1.499e+04
1	34	191.88	-1.547e+04	-6609.75	909.71	-6.761e+05	9.610e+04	-9620.75
1	34	194.69	-1.531e+04	-6648.10	896.38	-6.860e+05	9.884e+04	-4269.00
1	34	197.50	-1.517e+04	-6697.59	888.27	-6.985e+05	1.014e+05	139.81
1	34	200.31	-1.498e+04	-6713.95	889.81	-7.234e+05	1.038e+05	5260.83
1	34	203.12	-1.482e+04	-6654.85	901.29	-7.486e+05	1.063e+05	9907.75
1	34	210.00	-1.475e+04	-6649.61	901.29	-7.542e+05	1.129e+05	1.853e+04
1	34	213.38	-1.472e+04	-6638.15	1167.35	-7.569e+05	1.163e+05	2.483e+04
1	34	216.75	-1.444e+04	-6478.70	1112.79	-7.309e+05	1.218e+05	3.053e+04
1	34	220.12	-1.409e+04	-6580.41	1051.99	-7.048e+05	1.259e+05	3.937e+04
1	34	223.50	-1.386e+04	-6624.94	1008.85	-6.961e+05	1.296e+05	4.648e+04
1	34	226.88	-1.366e+04	-6620.74	973.58	-6.957e+05	1.330e+05	5.345e+04
1	34	230.25	-1.348e+04	-6595.78	945.78	-7.014e+05	1.364e+05	6.034e+04
1	34	233.62	-1.329e+04	-6573.69	924.15	-7.135e+05	1.394e+05	6.714e+04
1	34	237.00	-1.311e+04	-6583.82	919.34	-7.312e+05	1.420e+05	7.389e+04
1	34	240.38	-1.305e+04	-6657.91	924.43	-7.392e+05	1.445e+05	8.184e+04
1	34	243.75	-1.283e+04	-6656.79	906.06	-7.743e+05	1.466e+05	8.754e+04
1	34	245.00	-1.282e+04	-6644.76	906.06	-7.760e+05	1.477e+05	8.999e+04
1	34	248.94	-1.372e+04	-5544.09	301.78	-9.422e+05	1.694e+05	1.203e+05
1	34	252.88	-1.292e+04	-6470.52	177.78	-8.382e+05	1.708e+05	1.419e+05
1	34	256.81	-1.268e+04	-6553.26	152.90	-8.230e+05	1.735e+05	1.614e+05
1	34	260.75	-1.252e+04	-6400.31	135.78	-8.212e+05	1.763e+05	1.783e+05
1	34	264.69	-1.235e+04	-6168.29	120.01	-8.244e+05	1.786e+05	1.931e+05
1	34	268.62	-1.216e+04	-5896.70	108.09	-8.334e+05	1.810e+05	2.063e+05
1	34	272.56	-1.194e+04	-5604.16	95.83	-8.501e+05	1.837e+05	2.182e+05
1	34	276.50	-1.168e+04	-5298.56	85.43	-8.791e+05	1.868e+05	2.296e+05
1	34	280.00	-1.135e+04	-5071.18	110.39	-9.269e+05	1.895e+05	2.391e+05
1	34	280.44	-8508.39	-6231.93	111.44	-4.448e+05	1.624e+05	2.137e+05
1	34	284.38	-3690.45	-9282.95	83.62	3.708e+05	7.478e+04	1.245e+05
1	34	284.50	-4129.89	-9115.17	83.04	2.937e+05	7.687e+04	1.258e+05
1	34	289.00	-4064.07	-7850.00	32.70	2.250e+05	4.117e+04	8.620e+04

1	34	293.50	-3872.96	-6799.28	-8.33	1.692e+05	2.208e+04	6.214e+04
1	34	298.00	-3503.41	-5922.38	-17.04	1.381e+05	1.198e+04	4.504e+04
1	34	302.50	-3068.05	-5115.31	-3.72	1.162e+05	7577.50	3.249e+04
1	34	307.00	-2612.52	-4327.18	16.17	9.806e+04	6180.56	2.336e+04
1	34	311.50	-2166.66	-3532.99	37.52	8.131e+04	6192.16	1.675e+04
1	34	316.00	-1787.48	-2733.04	42.62	6.301e+04	6212.19	1.147e+04
1	34	320.50	-1581.57	-1888.53	-1.04	3.854e+04	4166.98	7324.99
1	36	0.0	-3019.37	8861.06	428.27	-5649.45	-7.597e+04	-6271.76
1	36	35.00	-2889.42	8878.89	428.27	-8335.91	-3.975e+04	-3.447e+04
1	36	35.56	-3496.68	8557.58	312.80	-1.127e+05	-4.016e+04	-3.437e+04
1	36	36.12	-3512.67	8540.59	300.30	-1.154e+05	-4.036e+04	-3.479e+04
1	36	36.69	-3522.06	8576.01	302.70	-1.167e+05	-4.037e+04	-3.524e+04
1	36	37.25	-3515.80	8621.62	310.89	-1.167e+05	-4.026e+04	-3.564e+04
1	36	37.81	-3495.86	8668.04	319.83	-1.167e+05	-4.009e+04	-3.597e+04
1	36	38.38	-3459.71	8709.97	328.84	-1.175e+05	-3.989e+04	-3.686e+04
1	36	38.94	-3409.80	8744.80	336.45	-1.204e+05	-3.978e+04	-3.748e+04
1	36	39.50	-3358.96	8775.30	347.30	-1.252e+05	-4.004e+04	-3.815e+04
1	36	40.06	-3314.50	8824.95	348.94	-1.309e+05	-4.148e+04	-3.844e+04
1	36	40.62	-3497.35	9005.72	567.02	-9.930e+04	-4.526e+04	-3.810e+04
1	36	70.00	-3359.08	8999.85	567.02	-1.059e+05	-1.653e+04	-4.755e+04
1	36	71.12	-3784.35	8882.64	541.34	-1.794e+05	-1.617e+04	-4.773e+04
1	36	72.25	-3968.01	8744.46	529.74	-2.049e+05	-1.572e+04	-4.788e+04
1	36	73.38	-4014.57	8714.87	528.52	-2.104e+05	-1.516e+04	-4.798e+04
1	36	74.50	-4025.28	8734.72	530.30	-2.120e+05	-1.451e+04	-4.802e+04
1	36	75.62	-4006.75	8777.31	532.24	-2.125e+05	-1.380e+04	-4.801e+04
1	36	76.75	-3964.22	8828.20	533.57	-2.138e+05	-1.311e+04	-4.794e+04
1	36	77.88	-3906.34	8880.17	536.05	-2.174e+05	-1.253e+04	-4.807e+04
1	36	79.00	-3856.99	8933.11	534.99	-2.220e+05	-1.221e+04	-4.795e+04
1	36	80.12	-3863.52	8998.52	569.98	-2.207e+05	-1.186e+04	-4.675e+04
1	36	81.25	-3974.51	9012.60	548.83	-2.011e+05	-1.051e+04	-4.672e+04
1	36	105.00	-3835.13	8997.18	548.83	-2.097e+05	1.209e+04	-4.579e+04
1	36	106.69	-4140.12	8933.51	555.43	-2.639e+05	1.253e+04	-4.566e+04
1	36	108.38	-4359.97	8834.03	561.56	-2.952e+05	1.309e+04	-4.547e+04
1	36	110.06	-4478.55	8781.57	563.23	-3.086e+05	1.381e+04	-4.520e+04
1	36	111.75	-4521.60	8782.76	560.53	-3.130e+05	1.463e+04	-4.484e+04
1	36	113.44	-4515.84	8814.45	591.56	-3.144e+05	1.551e+04	-4.438e+04
1	36	115.12	-4475.09	8862.49	621.80	-3.161e+05	1.641e+04	-4.385e+04
1	36	116.81	-4413.35	8918.49	648.75	-3.201e+05	1.737e+04	-4.224e+04
1	36	118.50	-4370.95	8973.64	672.93	-3.240e+05	1.852e+04	-4.182e+04
1	36	120.19	-4354.99	9008.61	676.00	-3.255e+05	1.991e+04	-4.136e+04
1	36	121.88	-4392.66	9003.82	686.89	-3.179e+05	2.141e+04	-4.078e+04
1	36	140.00	-4263.32	8985.78	686.89	-3.268e+05	3.854e+04	-3.523e+04
1	36	142.25	-4489.55	8935.76	727.47	-3.691e+05	4.028e+04	-3.457e+04
1	36	144.50	-4727.03	8878.78	750.65	-4.044e+05	4.220e+04	-3.378e+04
1	36	146.75	-4882.56	8854.53	777.95	-4.229e+05	4.426e+04	-3.284e+04
1	36	149.00	-4947.84	8850.39	800.37	-4.297e+05	4.640e+04	-3.171e+04
1	36	151.25	-4953.51	8860.20	788.62	-4.321e+05	4.857e+04	-3.041e+04
1	36	153.50	-4921.49	8887.80	779.86	-4.341e+05	5.073e+04	-2.902e+04
1	36	155.75	-4861.02	8933.72	777.37	-4.382e+05	5.280e+04	-2.758e+04
1	36	158.00	-4695.11	8981.79	778.98	-4.538e+05	5.482e+04	-2.608e+04
1	36	160.25	-4653.95	9001.38	785.36	-4.582e+05	5.697e+04	-2.449e+04
1	36	162.50	-4635.47	8975.63	792.41	-4.596e+05	5.912e+04	-2.288e+04
1	36	175.00	-4530.30	8964.56	792.41	-4.673e+05	7.097e+04	-1.402e+04
1	36	177.81	-4718.14	8912.76	903.90	-5.048e+05	7.298e+04	-1.209e+04
1	36	180.62	-4993.33	8939.53	950.59	-5.477e+05	7.553e+04	-9914.27
1	36	183.44	-5131.01	8952.26	932.71	-5.665e+05	7.831e+04	-7287.61
1	36	186.25	-5179.70	8917.21	909.30	-5.734e+05	8.121e+04	-4297.12
1	36	189.06	-5190.89	8877.38	887.04	-5.764e+05	8.411e+04	-3131.34
1	36	191.88	-5177.67	8858.17	871.54	-5.783e+05	8.682e+04	-1860.98
1	36	194.69	-5137.21	8875.18	862.45	-5.815e+05	8.945e+04	-452.58
1	36	197.50	-5049.70	8931.07	866.61	-5.896e+05	9.232e+04	1954.49
1	36	200.31	-4844.49	8970.06	874.80	-6.157e+05	9.516e+04	3673.42
1	36	203.12	-4768.80	8915.30	890.13	-6.263e+05	9.796e+04	5769.60
1	36	210.00	-4701.09	8920.54	890.13	-6.318e+05	1.045e+05	1.388e+04
1	36	213.38	-5029.39	8924.57	1151.83	-6.947e+05	1.066e+05	1.823e+04
1	36	216.75	-5260.02	9176.36	1098.19	-7.367e+05	1.111e+05	2.233e+04
1	36	220.12	-5266.56	9078.12	1052.61	-7.439e+05	1.152e+05	2.664e+04
1	36	223.50	-5287.97	8949.13	1009.71	-7.498e+05	1.188e+05	3.318e+04
1	36	226.88	-5310.94	8830.46	977.43	-7.535e+05	1.222e+05	3.986e+04
1	36	230.25	-5330.26	8737.55	954.54	-7.554e+05	1.255e+05	4.651e+04
1	36	233.62	-5338.75	8692.79	944.40	-7.563e+05	1.292e+05	5.307e+04
1	36	237.00	-5310.05	8734.23	939.90	-7.598e+05	1.328e+05	5.957e+04
1	36	240.38	-5153.65	8906.72	970.62	-7.802e+05	1.365e+05	6.466e+04
1	36	243.75	-4840.94	9017.63	1010.04	-8.319e+05	1.400e+05	7.128e+04
1	36	245.00	-4825.93	9029.66	1010.04	-8.336e+05	1.411e+05	7.368e+04
1	36	248.94	-6183.16	1.046e+04	337.63	-1.077e+06	1.595e+05	9.952e+04
1	36	252.88	-5741.61	9608.21	262.74	-1.020e+06	1.617e+05	1.222e+05

1	36	256.81	-5741.88	9390.83	225.93	-1.027e+06	1.644e+05	1.405e+05
1	36	260.75	-5784.36	9301.05	203.71	-1.037e+06	1.680e+05	1.564e+05
1	36	264.69	-5822.96	9238.01	187.37	-1.044e+06	1.721e+05	1.702e+05
1	36	268.62	-5864.97	9184.78	171.07	-1.049e+06	1.762e+05	1.823e+05
1	36	272.56	-5924.41	9149.99	161.62	-1.050e+06	1.801e+05	1.934e+05
1	36	276.50	-5986.31	9179.04	167.53	-1.048e+06	1.843e+05	2.035e+05
1	36	280.00	-5980.84	9393.90	173.44	-1.054e+06	1.878e+05	2.131e+05
1	36	280.44	-3261.78	8184.20	182.71	-5.706e+05	1.618e+05	1.892e+05
1	36	284.38	1161.76	5544.17	341.55	1.514e+05	8.286e+04	1.041e+05
1	36	284.50	699.81	5698.41	343.99	7.298e+04	8.503e+04	1.055e+05
1	36	289.00	475.08	6148.75	240.54	4.608e+04	5.122e+04	6.828e+04
1	36	293.50	369.49	6191.54	196.82	3.117e+04	3.377e+04	4.693e+04
1	36	298.00	405.01	5913.18	189.71	3.604e+04	2.395e+04	3.191e+04
1	36	302.50	474.06	5412.62	198.53	4.643e+04	1.882e+04	2.138e+04
1	36	307.00	512.51	4726.49	213.88	5.583e+04	1.651e+04	1.418e+04
1	36	311.50	462.05	3838.08	216.45	6.061e+04	1.531e+04	9325.37
1	36	316.00	215.71	2676.74	193.84	5.651e+04	1.328e+04	6194.45
1	36	320.50	-407.89	1124.98	136.78	3.854e+04	9773.53	2110.94
1	65	0.0	-2.682e+04	-9201.71	1533.61	-1.161e+06	-1.152e+05	-3466.97
1	65	35.00	-2.669e+04	-9183.87	1533.61	-1.164e+06	-7.939e+04	-3.013e+04
1	65	35.56	-2.599e+04	-8911.42	1401.36	-1.045e+06	-7.828e+04	-3.076e+04
1	65	36.12	-2.585e+04	-8887.86	1362.17	-1.028e+06	-7.711e+04	-3.142e+04
1	65	36.69	-2.572e+04	-8912.72	1366.03	-1.015e+06	-7.602e+04	-3.216e+04
1	65	37.25	-2.559e+04	-8947.39	1375.32	-1.008e+06	-7.503e+04	-3.288e+04
1	65	37.81	-2.547e+04	-8984.79	1384.67	-1.007e+06	-7.412e+04	-3.356e+04
1	65	38.38	-2.537e+04	-9021.16	1392.62	-1.009e+06	-7.321e+04	-3.361e+04
1	65	38.94	-2.527e+04	-9054.27	1399.99	-1.014e+06	-7.221e+04	-3.384e+04
1	65	39.50	-2.517e+04	-9086.54	1401.99	-1.024e+06	-7.085e+04	-3.394e+04
1	65	40.06	-2.506e+04	-9140.35	1403.80	-1.038e+06	-6.839e+04	-3.440e+04
1	65	40.62	-2.473e+04	-9310.04	1151.21	-1.094e+06	-6.417e+04	-3.544e+04
1	65	70.00	-2.459e+04	-9315.90	1151.21	-1.100e+06	-3.554e+04	-5.192e+04
1	65	71.12	-2.407e+04	-9217.41	1119.34	-1.013e+06	-3.398e+04	-5.256e+04
1	65	72.25	-2.377e+04	-9094.03	1095.57	-9.737e+05	-3.249e+04	-5.320e+04
1	65	73.38	-2.359e+04	-9059.63	1090.05	-9.584e+05	-3.101e+04	-5.377e+04
1	65	74.50	-2.344e+04	-9068.43	1091.01	-9.510e+05	-2.955e+04	-5.432e+04
1	65	75.62	-2.332e+04	-9100.91	1093.74	-9.494e+05	-2.812e+04	-5.484e+04
1	65	76.75	-2.320e+04	-9145.24	1097.35	-9.521e+05	-2.666e+04	-5.532e+04
1	65	77.88	-2.310e+04	-9194.04	1099.95	-9.581e+05	-2.508e+04	-5.555e+04
1	65	79.00	-2.299e+04	-9245.59	1104.62	-9.688e+05	-2.329e+04	-5.594e+04
1	65	80.12	-2.282e+04	-9307.30	1071.30	-9.908e+05	-2.156e+04	-5.726e+04
1	65	81.25	-2.256e+04	-9320.05	1084.20	-1.034e+06	-2.077e+04	-5.744e+04
1	65	105.00	-2.242e+04	-9335.47	1084.20	-1.043e+06	1876.10	-6.129e+04
1	65	106.69	-2.199e+04	-9284.15	1085.91	-9.729e+05	4403.77	-6.159e+04
1	65	108.38	-2.167e+04	-9190.13	1082.93	-9.322e+05	6878.61	-6.182e+04
1	65	110.06	-2.143e+04	-9126.48	1078.50	-9.118e+05	9313.93	-6.198e+04
1	65	111.75	-2.124e+04	-9114.58	1073.74	-9.030e+05	1.171e+04	-6.205e+04
1	65	113.44	-2.108e+04	-9140.01	1036.84	-9.015e+05	1.408e+04	-6.204e+04
1	65	115.12	-2.095e+04	-9187.32	1002.05	-9.050e+05	1.641e+04	-6.192e+04
1	65	116.81	-2.084e+04	-9244.48	973.17	-9.119e+05	1.866e+04	-6.267e+04
1	65	118.50	-2.070e+04	-9299.89	950.03	-9.242e+05	2.069e+04	-6.223e+04
1	65	120.19	-2.055e+04	-9334.09	949.25	-9.443e+05	2.249e+04	-6.173e+04
1	65	121.88	-2.034e+04	-9331.42	945.75	-9.781e+05	2.417e+04	-6.128e+04
1	65	140.00	-2.021e+04	-9349.45	945.75	-9.871e+05	4.132e+04	-5.591e+04
1	65	142.25	-1.985e+04	-9317.64	981.42	-9.296e+05	4.365e+04	-5.527e+04
1	65	144.50	-1.954e+04	-9240.89	998.23	-8.917e+05	4.611e+04	-5.453e+04
1	65	146.75	-1.925e+04	-9182.68	970.42	-8.686e+05	4.864e+04	-5.365e+04
1	65	149.00	-1.901e+04	-9170.58	928.75	-8.580e+05	5.114e+04	-5.258e+04
1	65	151.25	-1.881e+04	-9192.33	915.43	-8.566e+05	5.355e+04	-5.134e+04
1	65	153.50	-1.866e+04	-9236.20	903.28	-8.610e+05	5.587e+04	-4.995e+04
1	65	155.75	-1.853e+04	-9294.46	892.49	-8.688e+05	5.818e+04	-4.846e+04
1	65	158.00	-1.850e+04	-9348.43	886.69	-8.713e+05	6.048e+04	-4.692e+04
1	65	160.25	-1.836e+04	-9368.62	885.94	-8.893e+05	6.261e+04	-4.537e+04
1	65	162.50	-1.819e+04	-9345.11	895.18	-9.168e+05	6.472e+04	-4.380e+04
1	65	175.00	-1.808e+04	-9356.19	895.18	-9.245e+05	7.657e+04	-3.502e+04
1	65	177.81	-1.779e+04	-9339.34	1003.35	-8.797e+05	7.950e+04	-3.311e+04
1	65	180.62	-1.748e+04	-9252.47	1017.02	-8.462e+05	8.314e+04	-3.096e+04
1	65	183.44	-1.714e+04	-9220.65	1001.16	-8.197e+05	8.680e+04	-2.842e+04
1	65	186.25	-1.686e+04	-9229.81	974.14	-8.078e+05	9.011e+04	-2.538e+04
1	65	189.06	-1.663e+04	-9245.21	949.71	-8.064e+05	9.314e+04	-2.027e+04
1	65	191.88	-1.645e+04	-9268.31	928.73	-8.115e+05	9.609e+04	-1.505e+04
1	65	194.69	-1.630e+04	-9309.91	914.50	-8.209e+05	9.894e+04	-9855.57
1	65	197.50	-1.620e+04	-9373.24	903.49	-8.305e+05	1.015e+05	-5535.07
1	65	200.31	-1.621e+04	-9404.20	905.25	-8.285e+05	1.040e+05	-565.00
1	65	203.12	-1.605e+04	-9340.47	915.01	-8.518e+05	1.065e+05	3993.34
1	65	210.00	-1.599e+04	-9335.24	915.01	-8.574e+05	1.129e+05	1.263e+04
1	65	213.38	-1.588e+04	-9320.00	1181.84	-8.457e+05	1.167e+05	1.888e+04
1	65	216.75	-1.549e+04	-9178.39	1126.26	-8.056e+05	1.227e+05	2.460e+04

1	65	220.12	-1.507e+04	-9276.02	1063.87	-7.733e+05	1.270e+05	3.335e+04
1	65	223.50	-1.480e+04	-9297.76	1019.83	-7.622e+05	1.309e+05	4.051e+04
1	65	226.88	-1.457e+04	-9264.15	983.64	-7.613e+05	1.344e+05	4.753e+04
1	65	230.25	-1.437e+04	-9211.62	954.96	-7.673e+05	1.377e+05	5.446e+04
1	65	233.62	-1.418e+04	-9172.98	931.80	-7.797e+05	1.404e+05	6.131e+04
1	65	237.00	-1.401e+04	-9190.15	926.32	-7.965e+05	1.429e+05	6.806e+04
1	65	240.38	-1.400e+04	-9317.74	919.93	-7.977e+05	1.453e+05	7.594e+04
1	65	243.75	-1.399e+04	-9379.02	904.95	-7.981e+05	1.476e+05	8.153e+04
1	65	245.00	-1.397e+04	-9366.99	904.95	-7.998e+05	1.488e+05	8.397e+04
1	65	248.94	-1.478e+04	-8332.67	310.16	-9.486e+05	1.710e+05	1.143e+05
1	65	252.88	-1.391e+04	-9262.99	174.52	-8.354e+05	1.722e+05	1.362e+05
1	65	256.81	-1.362e+04	-9301.23	147.64	-8.161e+05	1.749e+05	1.558e+05
1	65	260.75	-1.342e+04	-9087.58	127.48	-8.122e+05	1.775e+05	1.728e+05
1	65	264.69	-1.323e+04	-8789.26	109.41	-8.149e+05	1.799e+05	1.877e+05
1	65	268.62	-1.301e+04	-8452.64	96.05	-8.244e+05	1.823e+05	2.010e+05
1	65	272.56	-1.277e+04	-8101.96	81.36	-8.424e+05	1.849e+05	2.130e+05
1	65	276.50	-1.248e+04	-7756.78	68.28	-8.734e+05	1.873e+05	2.246e+05
1	65	280.00	-1.212e+04	-7528.69	97.80	-9.261e+05	1.894e+05	2.340e+05
1	65	280.44	-9260.66	-8679.19	96.58	-4.436e+05	1.621e+05	2.088e+05
1	65	284.38	-4416.37	-1.180e+04	-34.64	3.962e+05	7.265e+04	1.206e+05
1	65	284.50	-4852.01	-1.163e+04	-36.04	3.194e+05	7.475e+04	1.218e+05
1	65	289.00	-4736.79	-1.019e+04	-73.71	2.454e+05	3.877e+04	8.295e+04
1	65	293.50	-4486.91	-8941.99	-112.71	1.858e+05	1.946e+04	5.952e+04
1	65	298.00	-4056.27	-7840.32	-118.27	1.512e+05	9323.72	4.302e+04
1	65	302.50	-3557.86	-6786.13	-102.32	1.260e+05	4868.87	3.105e+04
1	65	307.00	-3036.70	-5730.73	-80.09	1.048e+05	3623.94	2.247e+04
1	65	311.50	-2521.50	-4649.34	-54.41	8.528e+04	3853.95	1.640e+04
1	65	316.00	-2060.97	-3535.74	-43.53	6.489e+04	4284.33	1.155e+04
1	65	320.50	-1768.09	-2338.93	-84.05	3.854e+04	2623.83	8099.22
1	66	0.0	-2.404e+04	-6071.71	1507.23	-7.283e+05	-1.068e+05	-2818.29
1	66	35.00	-2.391e+04	-6053.88	1507.23	-7.310e+05	-7.093e+04	-2.849e+04
1	66	35.56	-2.346e+04	-5893.61	1375.11	-6.551e+05	-7.031e+04	-2.893e+04
1	66	36.12	-2.335e+04	-5872.96	1352.72	-6.410e+05	-6.957e+04	-2.948e+04
1	66	36.69	-2.324e+04	-5879.77	1356.28	-6.309e+05	-6.880e+04	-3.011e+04
1	66	37.25	-2.313e+04	-5891.37	1365.09	-6.252e+05	-6.806e+04	-3.071e+04
1	66	37.81	-2.303e+04	-5903.91	1373.94	-6.235e+05	-6.733e+04	-3.129e+04
1	66	38.38	-2.292e+04	-5915.23	1381.38	-6.256e+05	-6.657e+04	-3.126e+04
1	66	38.94	-2.282e+04	-5924.04	1388.36	-6.313e+05	-6.568e+04	-3.140e+04
1	66	39.50	-2.272e+04	-5933.18	1389.09	-6.408e+05	-6.445e+04	-3.144e+04
1	66	40.06	-2.260e+04	-5965.58	1387.59	-6.567e+05	-6.218e+04	-3.187e+04
1	66	40.62	-2.220e+04	-6121.90	1124.78	-7.246e+05	-5.841e+04	-3.274e+04
1	66	70.00	-2.206e+04	-6127.77	1124.78	-7.313e+05	-2.974e+04	-4.851e+04
1	66	71.12	-2.172e+04	-6067.65	1092.80	-6.748e+05	-2.857e+04	-4.905e+04
1	66	72.25	-2.151e+04	-5988.84	1068.56	-6.481e+05	-2.742e+04	-4.958e+04
1	66	73.38	-2.138e+04	-5959.67	1062.48	-6.366e+05	-2.623e+04	-5.006e+04
1	66	74.50	-2.126e+04	-5955.24	1063.12	-6.307e+05	-2.501e+04	-5.052e+04
1	66	75.62	-2.114e+04	-5965.62	1065.54	-6.294e+05	-2.377e+04	-5.095e+04
1	66	76.75	-2.103e+04	-5984.86	1068.93	-6.320e+05	-2.247e+04	-5.135e+04
1	66	77.88	-2.093e+04	-6010.18	1071.05	-6.383e+05	-2.103e+04	-5.151e+04
1	66	79.00	-2.081e+04	-6044.61	1075.61	-6.489e+05	-1.937e+04	-5.182e+04
1	66	80.12	-2.062e+04	-6102.50	1043.06	-6.742e+05	-1.775e+04	-5.305e+04
1	66	81.25	-2.030e+04	-6122.71	1055.97	-7.275e+05	-1.693e+04	-5.311e+04
1	66	105.00	-2.016e+04	-6138.14	1055.97	-7.361e+05	5665.30	-5.661e+04
1	66	106.69	-1.988e+04	-6106.15	1057.74	-6.908e+05	7890.09	-5.684e+04
1	66	108.38	-1.966e+04	-6043.74	1054.64	-6.642e+05	1.009e+04	-5.701e+04
1	66	110.06	-1.949e+04	-5996.08	1049.86	-6.501e+05	1.229e+04	-5.712e+04
1	66	111.75	-1.934e+04	-5980.23	1044.99	-6.436e+05	1.448e+04	-5.715e+04
1	66	113.44	-1.920e+04	-5990.33	1008.09	-6.425e+05	1.667e+04	-5.708e+04
1	66	115.12	-1.908e+04	-6017.71	973.40	-6.459e+05	1.886e+04	-5.692e+04
1	66	116.81	-1.896e+04	-6056.16	944.68	-6.532e+05	2.099e+04	-5.762e+04
1	66	118.50	-1.884e+04	-6100.38	922.15	-6.647e+05	2.294e+04	-5.712e+04
1	66	120.19	-1.866e+04	-6133.40	921.03	-6.878e+05	2.452e+04	-5.657e+04
1	66	121.88	-1.840e+04	-6130.90	919.87	-7.297e+05	2.621e+04	-5.607e+04
1	66	140.00	-1.827e+04	-6148.93	919.87	-7.386e+05	4.339e+04	-5.054e+04
1	66	142.25	-1.803e+04	-6130.79	955.76	-7.018e+05	4.553e+04	-4.987e+04
1	66	144.50	-1.783e+04	-6075.67	972.58	-6.783e+05	4.782e+04	-4.909e+04
1	66	146.75	-1.763e+04	-6029.20	944.43	-6.630e+05	5.021e+04	-4.820e+04
1	66	149.00	-1.744e+04	-6017.14	903.02	-6.554e+05	5.260e+04	-4.712e+04
1	66	151.25	-1.727e+04	-6031.61	890.10	-6.546e+05	5.492e+04	-4.587e+04
1	66	153.50	-1.712e+04	-6063.76	878.48	-6.588e+05	5.716e+04	-4.447e+04
1	66	155.75	-1.699e+04	-6108.03	868.66	-6.672e+05	5.931e+04	-4.296e+04
1	66	158.00	-1.677e+04	-6150.59	863.56	-6.875e+05	6.138e+04	-4.139e+04
1	66	160.25	-1.663e+04	-6167.62	863.33	-7.052e+05	6.353e+04	-3.983e+04
1	66	162.50	-1.642e+04	-6143.98	872.28	-7.386e+05	6.563e+04	-3.823e+04
1	66	175.00	-1.632e+04	-6155.06	872.28	-7.463e+05	7.749e+04	-2.942e+04
1	66	177.81	-1.612e+04	-6150.59	980.47	-7.191e+05	8.021e+04	-2.748e+04
1	66	180.62	-1.594e+04	-6073.69	994.42	-7.008e+05	8.341e+04	-2.534e+04

1	66	183.44	-1.568e+04	-6044.12	978.72	-6.828e+05	8.670e+04	-2.283e+04
1	66	186.25	-1.546e+04	-6058.32	952.61	-6.740e+05	8.985e+04	-1.983e+04
1	66	189.06	-1.527e+04	-6080.10	928.95	-6.733e+05	9.289e+04	-1.475e+04
1	66	191.88	-1.510e+04	-6106.20	909.02	-6.782e+05	9.573e+04	-9548.00
1	66	194.69	-1.494e+04	-6142.47	895.81	-6.877e+05	9.846e+04	-4361.80
1	66	197.50	-1.481e+04	-6188.34	888.07	-7.000e+05	1.010e+05	-37.35
1	66	200.31	-1.463e+04	-6203.12	889.89	-7.237e+05	1.035e+05	4940.26
1	66	203.12	-1.447e+04	-6148.38	901.45	-7.483e+05	1.060e+05	9480.76
1	66	210.00	-1.440e+04	-6143.14	901.45	-7.539e+05	1.125e+05	1.808e+04
1	66	213.38	-1.438e+04	-6131.81	1167.37	-7.583e+05	1.159e+05	2.430e+04
1	66	216.75	-1.412e+04	-5969.44	1112.80	-7.345e+05	1.214e+05	2.994e+04
1	66	220.12	-1.378e+04	-6070.83	1052.53	-7.094e+05	1.256e+05	3.859e+04
1	66	223.50	-1.355e+04	-6117.74	1009.37	-7.012e+05	1.292e+05	4.568e+04
1	66	226.88	-1.337e+04	-6117.18	974.18	-7.009e+05	1.326e+05	5.264e+04
1	66	230.25	-1.319e+04	-6095.73	946.53	-7.065e+05	1.360e+05	5.952e+04
1	66	233.62	-1.301e+04	-6075.60	925.30	-7.181e+05	1.390e+05	6.632e+04
1	66	237.00	-1.283e+04	-6083.97	920.47	-7.353e+05	1.417e+05	7.306e+04
1	66	240.38	-1.277e+04	-6150.52	926.09	-7.434e+05	1.442e+05	8.089e+04
1	66	243.75	-1.256e+04	-6147.74	910.19	-7.776e+05	1.463e+05	8.662e+04
1	66	245.00	-1.255e+04	-6135.71	910.19	-7.793e+05	1.475e+05	8.907e+04
1	66	248.94	-1.346e+04	-5024.58	303.59	-9.479e+05	1.691e+05	1.192e+05
1	66	252.88	-1.268e+04	-5948.34	181.04	-8.454e+05	1.705e+05	1.408e+05
1	66	256.81	-1.244e+04	-6034.52	155.59	-8.309e+05	1.732e+05	1.603e+05
1	66	260.75	-1.229e+04	-5888.64	138.14	-8.295e+05	1.760e+05	1.771e+05
1	66	264.69	-1.212e+04	-5665.55	122.25	-8.328e+05	1.784e+05	1.919e+05
1	66	268.62	-1.194e+04	-5404.13	110.09	-8.416e+05	1.809e+05	2.051e+05
1	66	272.56	-1.174e+04	-5122.16	97.83	-8.578e+05	1.836e+05	2.170e+05
1	66	276.50	-1.148e+04	-4825.92	87.98	-8.856e+05	1.868e+05	2.283e+05
1	66	280.00	-1.117e+04	-4599.01	112.37	-9.320e+05	1.894e+05	2.378e+05
1	66	280.44	-8330.98	-5761.27	113.65	-4.498e+05	1.623e+05	2.125e+05
1	66	284.38	-3527.73	-8798.84	88.81	3.631e+05	7.501e+04	1.235e+05
1	66	284.50	-3967.91	-8631.47	88.30	2.860e+05	7.711e+04	1.248e+05
1	66	289.00	-3911.58	-7391.46	36.39	2.187e+05	4.147e+04	8.533e+04
1	66	293.50	-3729.78	-6372.43	-4.66	1.644e+05	2.243e+04	6.141e+04
1	66	298.00	-3370.95	-5531.99	-13.17	1.346e+05	1.234e+04	4.442e+04
1	66	302.50	-2947.51	-4766.50	0.09	1.138e+05	7909.96	3.198e+04
1	66	307.00	-2505.82	-4025.75	19.89	9.666e+04	6483.24	2.295e+04
1	66	311.50	-2076.82	-3286.42	40.68	8.065e+04	6455.43	1.644e+04
1	66	316.00	-1719.15	-2551.34	44.92	6.283e+04	6411.31	1.126e+04
1	66	320.50	-1542.69	-1787.46	0.87	3.854e+04	4324.19	7149.82
1	68	0.0	-4063.66	8068.37	476.78	-5.643e+04	-7.770e+04	-6149.31
1	68	35.00	-3933.71	8086.20	476.78	-5.912e+04	-4.150e+04	-3.428e+04
1	68	35.56	-4483.51	7790.95	360.58	-1.537e+05	-4.184e+04	-3.421e+04
1	68	36.12	-4492.71	7775.74	346.89	-1.555e+05	-4.198e+04	-3.465e+04
1	68	36.69	-4495.70	7808.51	349.36	-1.562e+05	-4.194e+04	-3.510e+04
1	68	37.25	-4484.22	7850.59	357.59	-1.560e+05	-4.180e+04	-3.552e+04
1	68	37.81	-4460.02	7893.32	366.56	-1.558e+05	-4.159e+04	-3.586e+04
1	68	38.38	-4420.79	7931.81	375.51	-1.567e+05	-4.136e+04	-3.672e+04
1	68	38.94	-4368.79	7963.65	383.12	-1.598e+05	-4.121e+04	-3.732e+04
1	68	39.50	-4315.79	7991.38	393.59	-1.647e+05	-4.139e+04	-3.797e+04
1	68	40.06	-4268.50	8036.49	395.23	-1.708e+05	-4.267e+04	-3.826e+04
1	68	40.62	-4428.90	8201.90	592.69	-1.430e+05	-4.610e+04	-3.799e+04
1	68	70.00	-4290.63	8196.04	592.69	-1.497e+05	-1.737e+04	-4.775e+04
1	68	71.12	-4674.31	8088.30	566.74	-2.161e+05	-1.696e+04	-4.794e+04
1	68	72.25	-4836.56	7961.59	554.60	-2.387e+05	-1.646e+04	-4.812e+04
1	68	73.38	-4873.44	7934.81	553.19	-2.433e+05	-1.586e+04	-4.824e+04
1	68	74.50	-4877.20	7953.40	554.94	-2.445e+05	-1.517e+04	-4.830e+04
1	68	75.62	-4853.81	7992.69	556.91	-2.449e+05	-1.443e+04	-4.831e+04
1	68	76.75	-4808.19	8039.39	558.35	-2.463e+05	-1.370e+04	-4.827e+04
1	68	77.88	-4748.35	8086.93	560.83	-2.499e+05	-1.309e+04	-4.840e+04
1	68	79.00	-4696.18	8135.28	560.02	-2.548e+05	-1.269e+04	-4.830e+04
1	68	80.12	-4695.01	8195.13	592.01	-2.546e+05	-1.229e+04	-4.722e+04
1	68	81.25	-4789.76	8208.04	572.35	-2.378e+05	-1.097e+04	-4.719e+04
1	68	105.00	-4650.38	8192.62	572.35	-2.464e+05	1.164e+04	-4.648e+04
1	68	106.69	-4923.29	8133.99	578.73	-2.951e+05	1.217e+04	-4.636e+04
1	68	108.38	-5119.25	8043.01	584.46	-3.232e+05	1.282e+04	-4.619e+04
1	68	110.06	-5222.11	7995.63	585.87	-3.351e+05	1.361e+04	-4.594e+04
1	68	111.75	-5254.95	7997.29	583.08	-3.389e+05	1.450e+04	-4.560e+04
1	68	113.44	-5242.50	8026.47	611.12	-3.402e+05	1.544e+04	-4.516e+04
1	68	115.12	-5197.79	8070.33	638.50	-3.421e+05	1.641e+04	-4.465e+04
1	68	116.81	-5133.81	8121.36	663.00	-3.462e+05	1.743e+04	-4.314e+04
1	68	118.50	-5087.51	8171.66	685.10	-3.504e+05	1.862e+04	-4.272e+04
1	68	120.19	-5065.38	8203.61	688.01	-3.527e+05	2.002e+04	-4.226e+04
1	68	121.88	-5092.37	8199.13	698.26	-3.469e+05	2.153e+04	-4.169e+04
1	68	140.00	-4963.03	8181.10	698.26	-3.558e+05	3.867e+04	-3.614e+04
1	68	142.25	-5163.50	8134.67	738.62	-3.938e+05	4.043e+04	-3.548e+04
1	68	144.50	-5376.65	8083.55	761.52	-4.259e+05	4.237e+04	-3.469e+04

1	68	146.75	-5512.87	8062.93	786.39	-4.425e+05	4.446e+04	-3.376e+04
1	68	149.00	-5564.68	8059.50	806.00	-4.485e+05	4.661e+04	-3.262e+04
1	68	151.25	-5561.55	8067.91	794.18	-4.508e+05	4.879e+04	-3.133e+04
1	68	153.50	-5524.06	8092.38	785.28	-4.529e+05	5.096e+04	-2.994e+04
1	68	155.75	-5460.70	8133.73	782.43	-4.572e+05	5.304e+04	-2.850e+04
1	68	158.00	-5300.93	8177.32	783.71	-4.721e+05	5.507e+04	-2.699e+04
1	68	160.25	-5255.29	8195.17	789.78	-4.772e+05	5.722e+04	-2.541e+04
1	68	162.50	-5230.06	8171.58	796.92	-4.797e+05	5.937e+04	-2.380e+04
1	68	175.00	-5124.89	8160.51	796.92	-4.874e+05	7.122e+04	-1.494e+04
1	68	177.81	-5291.46	8111.72	908.26	-5.213e+05	7.327e+04	-1.301e+04
1	68	180.62	-5541.29	8141.12	953.50	-5.609e+05	7.586e+04	-1.084e+04
1	68	183.44	-5657.92	8154.69	935.71	-5.776e+05	7.869e+04	-8216.90
1	68	186.25	-5692.02	8120.78	912.14	-5.837e+05	8.161e+04	-5224.28
1	68	189.06	-5692.93	8082.02	889.79	-5.865e+05	8.451e+04	-3885.19
1	68	191.88	-5672.26	8062.64	874.05	-5.886e+05	8.723e+04	-2441.56
1	68	194.69	-5626.97	8077.08	864.74	-5.920e+05	8.987e+04	-867.10
1	68	197.50	-5538.81	8127.74	868.23	-6.003e+05	9.272e+04	1623.98
1	68	200.31	-5342.96	8163.67	876.13	-6.250e+05	9.555e+04	3485.62
1	68	203.12	-5263.98	8114.10	891.22	-6.362e+05	9.833e+04	5689.87
1	68	210.00	-5196.27	8119.33	891.22	-6.418e+05	1.049e+05	1.382e+04
1	68	213.38	-5505.28	8123.84	1153.14	-7.014e+05	1.070e+05	1.825e+04
1	68	216.75	-5708.66	8370.79	1099.42	-7.398e+05	1.116e+05	2.243e+04
1	68	220.12	-5696.86	8272.57	1053.10	-7.452e+05	1.157e+05	2.693e+04
1	68	223.50	-5705.11	8148.30	1010.16	-7.504e+05	1.194e+05	3.350e+04
1	68	226.88	-5717.36	8036.32	977.70	-7.539e+05	1.228e+05	4.020e+04
1	68	230.25	-5726.98	7949.80	954.56	-7.559e+05	1.261e+05	4.686e+04
1	68	233.62	-5726.66	7908.71	943.85	-7.574e+05	1.297e+05	5.343e+04
1	68	237.00	-5691.77	7947.57	939.31	-7.614e+05	1.332e+05	5.994e+04
1	68	240.38	-5541.76	8106.89	968.39	-7.810e+05	1.369e+05	6.515e+04
1	68	243.75	-5242.34	8210.23	1005.43	-8.304e+05	1.403e+05	7.173e+04
1	68	245.00	-5227.33	8222.26	1005.43	-8.321e+05	1.415e+05	7.413e+04
1	68	248.94	-6560.20	9638.65	336.42	-1.071e+06	1.600e+05	1.002e+05
1	68	252.88	-6100.06	8779.96	258.88	-1.011e+06	1.621e+05	1.228e+05
1	68	256.81	-6087.77	8570.46	222.50	-1.018e+06	1.648e+05	1.411e+05
1	68	260.75	-6119.66	8494.01	200.36	-1.027e+06	1.684e+05	1.571e+05
1	68	264.69	-6147.80	8446.85	183.94	-1.034e+06	1.724e+05	1.709e+05
1	68	268.62	-6178.57	8410.73	167.77	-1.039e+06	1.765e+05	1.832e+05
1	68	272.56	-6224.88	8392.87	158.09	-1.041e+06	1.803e+05	1.942e+05
1	68	276.50	-6271.52	8435.79	163.16	-1.041e+06	1.844e+05	2.044e+05
1	68	280.00	-6250.16	8651.23	170.11	-1.048e+06	1.879e+05	2.140e+05
1	68	280.44	-3525.08	7444.13	178.92	-5.651e+05	1.618e+05	1.901e+05
1	68	284.38	917.00	4783.09	324.96	1.621e+05	8.241e+04	1.048e+05
1	68	284.50	456.21	4938.06	327.23	8.379e+04	8.457e+04	1.062e+05
1	68	289.00	246.41	5431.69	226.68	5.482e+04	5.067e+04	6.892e+04
1	68	293.50	156.42	5527.47	183.17	3.795e+04	3.314e+04	4.748e+04
1	68	298.00	209.29	5309.68	176.13	4.109e+04	2.331e+04	3.240e+04
1	68	302.50	297.17	4877.36	185.27	4.991e+04	1.820e+04	2.180e+04
1	68	307.00	356.81	4267.66	200.91	5.798e+04	1.595e+04	1.454e+04
1	68	311.50	331.16	3465.69	204.50	6.169e+04	1.480e+04	9635.40
1	68	316.00	115.83	2404.17	183.36	5.688e+04	1.289e+04	6429.27
1	68	320.50	-467.58	973.01	127.03	3.854e+04	9459.24	2373.87

<b>M_S</b>	<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
	-4.158e+04	-2.257e+04	-316.03	-1.889e+06	-1.403e+05	-7.558e+04
	1.082e+04	2.132e+04	2220.29	6.689e+05	1.904e+05	2.557e+05

Macro	Tipo	Angolo 1-Z (gradi)
2	Setto	0.0

<b>M_S</b>	<b>Cmb</b>	<b>Z</b>	<b>N memb.</b>	<b>V memb.</b>	<b>V orto</b>	<b>M memb.</b>	<b>M orto</b>	<b>T</b>
		cm	daN	daN	daN	daN cm	daN cm	daN cm
2	14	0.0	-1.907e+04	1.825e+04	3671.72	7.776e+06	-5.810e+05	-1.098e+04
2	14	42.50	-1.907e+04	1.827e+04	3671.72	7.772e+06	-5.120e+05	-2.609e+04
2	14	43.38	-2.091e+04	1.738e+04	3678.28	7.441e+06	-5.011e+05	-2.971e+04
2	14	44.25	-2.106e+04	1.739e+04	3513.96	7.420e+06	-4.884e+05	-3.072e+04
2	14	45.12	-2.110e+04	1.767e+04	3509.20	7.416e+06	-4.761e+05	-3.207e+04
2	14	46.00	-2.104e+04	1.804e+04	3520.20	7.419e+06	-4.648e+05	-3.356e+04
2	14	46.88	-2.091e+04	1.843e+04	3534.98	7.421e+06	-4.541e+05	-3.497e+04
2	14	47.75	-2.070e+04	1.880e+04	3548.67	7.416e+06	-4.440e+05	-3.629e+04
2	14	48.62	-2.045e+04	1.910e+04	3556.81	7.401e+06	-4.341e+05	-3.759e+04
2	14	49.50	-2.016e+04	1.927e+04	3534.78	7.371e+06	-4.248e+05	-3.906e+04

2	14	50.38	-1.975e+04	1.913e+04	3427.81	7.315e+06	-4.172e+05	-4.058e+04
2	14	51.25	-1.773e+04	1.823e+04	3282.63	6.952e+06	-4.134e+05	-4.052e+04
2	14	85.00	-1.773e+04	1.823e+04	3282.63	6.951e+06	-3.603e+05	-4.693e+04
2	14	86.75	-1.907e+04	1.805e+04	3303.63	6.711e+06	-3.471e+05	-4.858e+04
2	14	88.50	-1.982e+04	1.780e+04	3253.25	6.606e+06	-3.349e+05	-4.980e+04
2	14	90.25	-2.007e+04	1.788e+04	3220.57	6.580e+06	-3.225e+05	-5.045e+04
2	14	92.00	-2.011e+04	1.815e+04	3204.16	6.577e+06	-3.104e+05	-5.107e+04
2	14	93.75	-1.997e+04	1.848e+04	3194.98	6.579e+06	-2.987e+05	-5.174e+04
2	14	95.50	-1.968e+04	1.876e+04	3185.59	6.572e+06	-2.874e+05	-5.240e+04
2	14	97.25	-1.925e+04	1.889e+04	3169.82	6.545e+06	-2.767e+05	-5.305e+04
2	14	99.00	-1.868e+04	1.878e+04	3146.14	6.488e+06	-2.668e+05	-5.349e+04
2	14	100.75	-1.772e+04	1.838e+04	3114.35	6.354e+06	-2.577e+05	-5.330e+04
2	14	102.50	-1.640e+04	1.818e+04	3123.32	6.116e+06	-2.481e+05	-5.263e+04
2	14	127.50	-1.640e+04	1.816e+04	3123.32	6.118e+06	-2.093e+05	-5.448e+04
2	14	130.12	-1.754e+04	1.809e+04	3144.73	5.912e+06	-1.956e+05	-5.520e+04
2	14	132.75	-1.840e+04	1.799e+04	3124.94	5.791e+06	-1.823e+05	-5.559e+04
2	14	135.38	-1.893e+04	1.803e+04	3098.88	5.738e+06	-1.694e+05	-5.569e+04
2	14	138.00	-1.911e+04	1.825e+04	3066.97	5.726e+06	-1.568e+05	-5.557e+04
2	14	140.62	-1.897e+04	1.853e+04	3034.88	5.728e+06	-1.445e+05	-5.532e+04
2	14	143.25	-1.854e+04	1.875e+04	3003.43	5.719e+06	-1.326e+05	-5.501e+04
2	14	145.88	-1.786e+04	1.879e+04	2996.96	5.677e+06	-1.213e+05	-5.460e+04
2	14	148.50	-1.698e+04	1.859e+04	2978.17	5.588e+06	-1.102e+05	-5.399e+04
2	14	151.12	-1.601e+04	1.827e+04	2966.66	5.453e+06	-9.912e+04	-5.317e+04
2	14	153.75	-1.507e+04	1.810e+04	2972.91	5.284e+06	-8.788e+04	-5.234e+04
2	14	170.00	-1.507e+04	1.807e+04	2972.91	5.288e+06	-6.290e+04	-5.179e+04
2	14	173.50	-1.611e+04	1.798e+04	3013.97	5.102e+06	-4.854e+04	-5.112e+04
2	14	177.00	-1.707e+04	1.791e+04	3007.99	4.968e+06	-3.459e+04	-5.047e+04
2	14	180.50	-1.779e+04	1.801e+04	2977.14	4.896e+06	-2.095e+04	-4.961e+04
2	14	184.00	-1.809e+04	1.825e+04	2923.71	4.877e+06	-7817.17	-4.824e+04
2	14	187.50	-1.795e+04	1.852e+04	2880.98	4.879e+06	4495.71	-4.663e+04
2	14	191.00	-1.735e+04	1.875e+04	2845.73	4.866e+06	1.632e+04	-4.508e+04
2	14	194.50	-1.640e+04	1.883e+04	2801.01	4.808e+06	2.793e+04	-4.358e+04
2	14	198.00	-1.525e+04	1.867e+04	2756.80	4.693e+06	4.214e+04	-4.212e+04
2	14	201.50	-1.424e+04	1.829e+04	2751.54	4.553e+06	5.853e+04	-4.078e+04
2	14	205.00	-1.371e+04	1.803e+04	2776.76	4.458e+06	7.439e+04	-3.988e+04
2	14	212.50	-1.371e+04	1.801e+04	2776.76	4.463e+06	8.597e+04	-3.873e+04
2	14	216.88	-1.462e+04	1.782e+04	2914.26	4.301e+06	1.012e+05	-3.735e+04
2	14	221.25	-1.580e+04	1.778e+04	2933.59	4.138e+06	1.174e+05	-3.527e+04
2	14	225.62	-1.668e+04	1.800e+04	2857.55	4.051e+06	1.328e+05	-3.176e+04
2	14	230.00	-1.700e+04	1.817e+04	2754.28	4.032e+06	1.459e+05	-2.749e+04
2	14	234.38	-1.686e+04	1.829e+04	2661.97	4.035e+06	1.584e+05	-2.352e+04
2	14	238.75	-1.628e+04	1.846e+04	2576.59	4.023e+06	1.704e+05	-2.007e+04
2	14	243.12	-1.517e+04	1.872e+04	2497.42	3.956e+06	1.826e+05	-1.710e+04
2	14	247.50	-1.362e+04	1.889e+04	2461.50	3.802e+06	1.925e+05	-1.432e+04
2	14	251.88	-1.232e+04	1.859e+04	2465.36	3.620e+06	2.002e+05	-1.153e+04
2	14	255.00	-1.235e+04	1.823e+04	2515.16	3.627e+06	2.060e+05	-1.079e+04
2	14	256.25	-1.247e+04	1.796e+04	2591.64	3.598e+06	2.101e+05	-8705.94
2	14	260.25	-1.330e+04	1.805e+04	2772.63	3.457e+06	2.253e+05	-985.40
2	14	265.50	-1.469e+04	1.839e+04	2625.32	3.267e+06	2.472e+05	6115.32
2	14	270.75	-1.537e+04	1.836e+04	2321.90	3.202e+06	2.585e+05	1.771e+04
2	14	276.00	-1.558e+04	1.790e+04	2195.84	3.193e+06	2.678e+05	2.667e+04
2	14	281.25	-1.559e+04	1.744e+04	2079.61	3.196e+06	2.761e+05	3.402e+04
2	14	286.50	-1.533e+04	1.723e+04	1977.18	3.193e+06	2.842e+05	4.016e+04
2	14	291.75	-1.460e+04	1.752e+04	1873.91	3.149e+06	2.922e+05	4.502e+04
2	14	297.00	-1.298e+04	1.844e+04	1710.28	2.985e+06	3.008e+05	4.878e+04
2	14	297.50	-1.277e+04	1.850e+04	1716.16	2.960e+06	3.020e+05	4.878e+04
2	14	302.25	-1.139e+04	1.835e+04	791.01	2.496e+06	3.514e+05	6.833e+04
2	14	303.62	-1.200e+04	1.853e+04	546.96	2.497e+06	3.889e+05	1.192e+05
2	14	307.50	-1.242e+04	1.778e+04	57.10	2.418e+06	3.725e+05	1.540e+05
2	14	309.75	-1.324e+04	1.780e+04	-292.68	2.318e+06	3.772e+05	1.792e+05
2	14	315.88	-1.335e+04	1.612e+04	-298.58	2.325e+06	3.785e+05	2.196e+05
2	14	322.00	-1.374e+04	1.457e+04	-425.97	2.318e+06	3.820e+05	2.538e+05
2	14	328.12	-1.412e+04	1.321e+04	-528.19	2.327e+06	3.868e+05	2.850e+05
2	14	334.25	-1.448e+04	1.216e+04	-663.54	2.351e+06	3.918e+05	3.139e+05
2	14	340.00	-1.471e+04	1.171e+04	-868.56	2.377e+06	3.960e+05	3.393e+05
2	14	340.38	-1.449e+04	1.138e+04	-864.51	2.408e+06	3.610e+05	3.032e+05
2	14	346.50	-1.371e+04	1.091e+04	-824.71	2.263e+06	1.729e+05	-1148.72
2	14	347.00	-1.390e+04	1.127e+04	-893.75	2.201e+06	1.905e+05	-3778.11
2	14	352.62	-9882.02	1.333e+04	-1313.63	2.042e+06	1.672e+05	-8.457e+04
2	14	354.00	-9783.42	1.346e+04	-1404.75	1.971e+06	1.959e+05	-1.154e+05
2	14	358.75	-7976.08	1.805e+04	-2178.53	1.575e+06	1.507e+05	-6.189e+04
2	14	361.00	-8048.82	1.790e+04	-2148.67	1.502e+06	1.545e+05	-8.558e+04
2	14	368.00	-8242.05	1.711e+04	-2021.66	1.282e+06	1.652e+05	-1.480e+05
2	14	375.00	-8547.96	1.597e+04	-1928.06	1.055e+06	1.756e+05	-1.997e+05
2	14	382.00	-8972.08	1.437e+04	-1815.33	8.229e+05	1.852e+05	-2.410e+05
2	14	389.00	-9598.93	1.214e+04	-1634.90	5.814e+05	1.937e+05	-2.703e+05
2	14	396.00	-1.051e+04	8857.30	-1413.09	3.281e+05	1.981e+05	-2.782e+05

2	14	403.00	-1.051e+04	4506.48	-610.88	8.249e+04	1.836e+05	-2.372e+05
2	15	0.0	-1.793e+04	-1.794e+04	-530.72	-5.990e+06	1.313e+05	1.141e+04
2	15	42.50	-1.793e+04	-1.792e+04	-530.72	-5.993e+06	1.961e+05	3.081e+04
2	15	43.38	-1.592e+04	-1.702e+04	-713.48	-5.632e+06	1.877e+05	3.481e+04
2	15	44.25	-1.560e+04	-1.703e+04	-604.32	-5.587e+06	1.774e+05	3.602e+04
2	15	45.12	-1.539e+04	-1.731e+04	-591.95	-5.566e+06	1.679e+05	3.754e+04
2	15	46.00	-1.527e+04	-1.767e+04	-575.94	-5.559e+06	1.595e+05	3.924e+04
2	15	46.88	-1.523e+04	-1.806e+04	-558.32	-5.559e+06	1.518e+05	4.097e+04
2	15	47.75	-1.525e+04	-1.843e+04	-540.49	-5.559e+06	1.445e+05	4.272e+04
2	15	48.62	-1.532e+04	-1.874e+04	-524.83	-5.555e+06	1.378e+05	4.448e+04
2	15	49.50	-1.541e+04	-1.893e+04	-503.27	-5.546e+06	1.315e+05	4.630e+04
2	15	50.38	-1.560e+04	-1.884e+04	-468.80	-5.520e+06	1.265e+05	4.798e+04
2	15	51.25	-1.739e+04	-1.791e+04	-508.57	-5.197e+06	1.252e+05	4.791e+04
2	15	85.00	-1.739e+04	-1.791e+04	-508.57	-5.198e+06	1.782e+05	5.888e+04
2	15	86.75	-1.588e+04	-1.772e+04	-556.17	-4.928e+06	1.704e+05	6.096e+04
2	15	88.50	-1.497e+04	-1.748e+04	-528.27	-4.800e+06	1.635e+05	6.257e+04
2	15	90.25	-1.454e+04	-1.756e+04	-501.57	-4.758e+06	1.567e+05	6.369e+04
2	15	92.00	-1.433e+04	-1.782e+04	-483.26	-4.745e+06	1.501e+05	6.485e+04
2	15	93.75	-1.429e+04	-1.815e+04	-470.21	-4.745e+06	1.440e+05	6.608e+04
2	15	95.50	-1.440e+04	-1.842e+04	-458.17	-4.744e+06	1.385e+05	6.731e+04
2	15	97.25	-1.463e+04	-1.856e+04	-445.11	-4.731e+06	1.335e+05	6.849e+04
2	15	99.00	-1.499e+04	-1.845e+04	-436.77	-4.695e+06	1.292e+05	6.944e+04
2	15	100.75	-1.572e+04	-1.804e+04	-438.29	-4.593e+06	1.255e+05	6.973e+04
2	15	102.50	-1.683e+04	-1.784e+04	-484.24	-4.392e+06	1.213e+05	6.933e+04
2	15	127.50	-1.684e+04	-1.785e+04	-484.24	-4.390e+06	1.609e+05	7.665e+04
2	15	130.12	-1.552e+04	-1.779e+04	-484.12	-4.154e+06	1.553e+05	7.797e+04
2	15	132.75	-1.450e+04	-1.769e+04	-455.68	-4.011e+06	1.503e+05	7.906e+04
2	15	135.38	-1.382e+04	-1.772e+04	-436.91	-3.943e+06	1.458e+05	7.993e+04
2	15	138.00	-1.347e+04	-1.793e+04	-423.33	-3.923e+06	1.417e+05	8.071e+04
2	15	140.62	-1.343e+04	-1.820e+04	-413.71	-3.923e+06	1.378e+05	8.152e+04
2	15	143.25	-1.367e+04	-1.842e+04	-404.04	-3.919e+06	1.344e+05	8.237e+04
2	15	145.88	-1.415e+04	-1.845e+04	-415.88	-3.891e+06	1.314e+05	8.316e+04
2	15	148.50	-1.481e+04	-1.824e+04	-409.65	-3.826e+06	1.285e+05	8.371e+04
2	15	151.12	-1.555e+04	-1.791e+04	-402.52	-3.722e+06	1.255e+05	8.396e+04
2	15	153.75	-1.627e+04	-1.774e+04	-402.63	-3.592e+06	1.223e+05	8.400e+04
2	15	170.00	-1.627e+04	-1.776e+04	-402.63	-3.588e+06	1.481e+05	8.886e+04
2	15	173.50	-1.506e+04	-1.769e+04	-352.44	-3.370e+06	1.445e+05	8.924e+04
2	15	177.00	-1.396e+04	-1.762e+04	-309.03	-3.216e+06	1.418e+05	8.991e+04
2	15	180.50	-1.311e+04	-1.770e+04	-300.11	-3.130e+06	1.398e+05	9.060e+04
2	15	184.00	-1.263e+04	-1.792e+04	-296.88	-3.103e+06	1.382e+05	9.129e+04
2	15	187.50	-1.259e+04	-1.819e+04	-308.87	-3.103e+06	1.373e+05	9.220e+04
2	15	191.00	-1.299e+04	-1.841e+04	-321.93	-3.096e+06	1.365e+05	9.332e+04
2	15	194.50	-1.374e+04	-1.849e+04	-311.72	-3.052e+06	1.357e+05	9.446e+04
2	15	198.00	-1.467e+04	-1.831e+04	-277.39	-2.959e+06	1.320e+05	9.545e+04
2	15	201.50	-1.543e+04	-1.792e+04	-246.77	-2.851e+06	1.261e+05	9.629e+04
2	15	205.00	-1.570e+04	-1.766e+04	-208.99	-2.801e+06	1.207e+05	9.685e+04
2	15	212.50	-1.570e+04	-1.768e+04	-208.99	-2.797e+06	1.324e+05	9.925e+04
2	15	216.88	-1.463e+04	-1.751e+04	-63.47	-2.601e+06	1.298e+05	1.001e+05
2	15	221.25	-1.339e+04	-1.744e+04	-51.09	-2.425e+06	1.291e+05	1.005e+05
2	15	225.62	-1.236e+04	-1.762e+04	-70.23	-2.322e+06	1.295e+05	1.007e+05
2	15	230.00	-1.185e+04	-1.780e+04	-77.51	-2.291e+06	1.312e+05	1.020e+05
2	15	234.38	-1.180e+04	-1.795e+04	-80.65	-2.290e+06	1.327e+05	1.041e+05
2	15	238.75	-1.218e+04	-1.816e+04	-76.13	-2.282e+06	1.338e+05	1.065e+05
2	15	243.12	-1.309e+04	-1.844e+04	-60.81	-2.228e+06	1.343e+05	1.091e+05
2	15	247.50	-1.442e+04	-1.859e+04	-47.97	-2.095e+06	1.366e+05	1.113e+05
2	15	251.88	-1.547e+04	-1.823e+04	15.01	-1.946e+06	1.408e+05	1.130e+05
2	15	255.00	-1.523e+04	-1.788e+04	99.02	-1.986e+06	1.433e+05	1.129e+05
2	15	256.25	-1.484e+04	-1.775e+04	213.55	-1.956e+06	1.428e+05	1.139e+05
2	15	260.25	-1.436e+04	-1.731e+04	472.55	-1.868e+06	1.395e+05	1.149e+05
2	15	265.50	-1.276e+04	-1.756e+04	287.72	-1.639e+06	1.436e+05	1.120e+05
2	15	270.75	-1.183e+04	-1.764e+04	312.69	-1.543e+06	1.524e+05	1.155e+05
2	15	276.00	-1.140e+04	-1.735e+04	267.82	-1.513e+06	1.596e+05	1.216e+05
2	15	281.25	-1.121e+04	-1.706e+04	262.48	-1.506e+06	1.663e+05	1.279e+05
2	15	286.50	-1.131e+04	-1.701e+04	251.99	-1.502e+06	1.723e+05	1.341e+05
2	15	291.75	-1.186e+04	-1.741e+04	228.80	-1.468e+06	1.777e+05	1.406e+05
2	15	297.00	-1.327e+04	-1.840e+04	268.01	-1.330e+06	1.816e+05	1.477e+05
2	15	297.50	-1.350e+04	-1.852e+04	267.90	-1.301e+06	1.822e+05	1.480e+05
2	15	302.25	-1.484e+04	-2.015e+04	-1605.69	-8.920e+05	1.668e+05	1.297e+05
2	15	303.62	-1.469e+04	-1.951e+04	-2124.40	-8.721e+05	2.053e+05	1.721e+05
2	15	307.50	-1.227e+04	-1.860e+04	-1934.97	-8.320e+05	2.032e+05	1.889e+05
2	15	309.75	-1.196e+04	-1.828e+04	-1863.17	-7.874e+05	2.122e+05	2.055e+05
2	15	315.88	-1.140e+04	-1.690e+04	-2037.98	-7.142e+05	2.179e+05	2.262e+05
2	15	322.00	-1.079e+04	-1.544e+04	-1982.08	-6.605e+05	2.242e+05	2.416e+05
2	15	328.12	-1.023e+04	-1.412e+04	-1954.70	-6.326e+05	2.300e+05	2.542e+05
2	15	334.25	-9746.97	-1.310e+04	-1941.96	-6.262e+05	2.357e+05	2.651e+05
2	15	340.00	-9411.30	-1.264e+04	-1951.01	-6.329e+05	2.407e+05	2.739e+05
2	15	340.38	-8941.35	-1.292e+04	-1841.47	-5.554e+05	2.142e+05	2.458e+05

2	15	346.50	-4680.37	-1.475e+04	-274.45	1.132e+05	9.699e+04	6.520e+04
2	15	347.00	-4870.43	-1.489e+04	-130.36	1.464e+05	1.150e+05	7.228e+04
2	15	352.62	-5261.11	-1.625e+04	-219.58	2.720e+05	9.911e+04	1.830e+04
2	15	354.00	-6701.43	-1.736e+04	-547.37	3.299e+05	1.284e+05	-6435.93
2	15	358.75	-8816.36	-1.731e+04	-1487.67	6.151e+05	4.712e+04	5.314e+04
2	15	361.00	-8685.37	-1.676e+04	-1419.97	5.661e+05	5.247e+04	3.556e+04
2	15	368.00	-8127.13	-1.489e+04	-1370.07	4.389e+05	6.763e+04	-1.918e+04
2	15	375.00	-7471.34	-1.275e+04	-1317.15	3.296e+05	8.319e+04	-6.925e+04
2	15	382.00	-6715.14	-1.032e+04	-1262.14	2.370e+05	9.911e+04	-1.154e+05
2	15	389.00	-5810.20	-7570.81	-1202.92	1.633e+05	1.153e+05	-1.548e+05
2	15	396.00	-4700.01	-4511.21	-1031.76	1.071e+05	1.310e+05	-1.822e+05
2	15	403.00	-2084.62	-718.80	-1091.19	8.249e+04	1.338e+05	-1.698e+05
2	46	0.0	-1.877e+04	8776.58	2572.94	4.170e+06	-3.949e+05	-5131.08
2	46	42.50	-1.877e+04	8796.75	2572.94	4.167e+06	-3.270e+05	-1.122e+04
2	46	43.38	-1.960e+04	8370.90	2530.07	4.017e+06	-3.212e+05	-1.285e+04
2	46	44.25	-1.963e+04	8376.71	2437.19	4.013e+06	-3.144e+05	-1.328e+04
2	46	45.12	-1.960e+04	8509.96	2436.91	4.015e+06	-3.079e+05	-1.388e+04
2	46	46.00	-1.953e+04	8685.31	2449.22	4.020e+06	-3.017e+05	-1.453e+04
2	46	46.88	-1.942e+04	8871.73	2464.75	4.021e+06	-2.959e+05	-1.512e+04
2	46	47.75	-1.927e+04	9046.37	2479.54	4.018e+06	-2.902e+05	-1.564e+04
2	46	48.62	-1.910e+04	9187.54	2489.65	4.007e+06	-2.848e+05	-1.614e+04
2	46	49.50	-1.891e+04	9264.85	2479.03	3.988e+06	-2.795e+05	-1.675e+04
2	46	50.38	-1.867e+04	9189.78	2409.05	3.953e+06	-2.752e+05	-1.744e+04
2	46	51.25	-1.764e+04	8769.60	2291.21	3.770e+06	-2.727e+05	-1.741e+04
2	46	85.00	-1.764e+04	8770.05	2291.21	3.769e+06	-2.196e+05	-1.928e+04
2	46	86.75	-1.823e+04	8679.93	2294.31	3.662e+06	-2.119e+05	-1.996e+04
2	46	88.50	-1.854e+04	8562.62	2264.39	3.618e+06	-2.047e+05	-2.044e+04
2	46	90.25	-1.862e+04	8603.31	2247.23	3.610e+06	-1.974e+05	-2.062e+04
2	46	92.00	-1.860e+04	8732.00	2239.90	3.611e+06	-1.901e+05	-2.078e+04
2	46	93.75	-1.848e+04	8890.07	2236.54	3.613e+06	-1.830e+05	-2.096e+04
2	46	95.50	-1.829e+04	9024.43	2232.77	3.608e+06	-1.762e+05	-2.112e+04
2	46	97.25	-1.804e+04	9086.26	2224.54	3.592e+06	-1.696e+05	-2.129e+04
2	46	99.00	-1.771e+04	9032.63	2209.27	3.559e+06	-1.634e+05	-2.137e+04
2	46	100.75	-1.719e+04	8844.93	2185.54	3.487e+06	-1.576e+05	-2.115e+04
2	46	102.50	-1.651e+04	8748.99	2180.44	3.364e+06	-1.516e+05	-2.076e+04
2	46	127.50	-1.651e+04	8731.28	2180.44	3.365e+06	-1.126e+05	-2.022e+04
2	46	130.12	-1.701e+04	8696.58	2196.30	3.276e+06	-1.039e+05	-2.040e+04
2	46	132.75	-1.738e+04	8648.34	2189.12	3.224e+06	-9.541e+04	-2.041e+04
2	46	135.38	-1.759e+04	8668.70	2174.78	3.202e+06	-8.708e+04	-2.026e+04
2	46	138.00	-1.763e+04	8774.63	2154.77	3.199e+06	-7.883e+04	-1.997e+04
2	46	140.62	-1.752e+04	8912.99	2133.60	3.200e+06	-7.072e+04	-1.957e+04
2	46	143.25	-1.726e+04	9020.55	2112.91	3.194e+06	-6.286e+04	-1.911e+04
2	46	145.88	-1.688e+04	9040.55	2104.93	3.170e+06	-5.526e+04	-1.860e+04
2	46	148.50	-1.641e+04	8944.70	2092.72	3.123e+06	-4.785e+04	-1.801e+04
2	46	151.12	-1.589e+04	8794.78	2086.10	3.050e+06	-4.042e+04	-1.734e+04
2	46	153.75	-1.538e+04	8712.59	2090.85	2.959e+06	-3.295e+04	-1.671e+04
2	46	170.00	-1.538e+04	8685.48	2090.85	2.963e+06	-7759.27	-1.504e+04
2	46	173.50	-1.583e+04	8642.00	2134.30	2.883e+06	1904.83	-1.444e+04
2	46	177.00	-1.625e+04	8606.76	2141.23	2.824e+06	1.151e+04	-1.379e+04
2	46	180.50	-1.656e+04	8657.25	2120.77	2.794e+06	2.106e+04	-1.298e+04
2	46	184.00	-1.666e+04	8775.96	2082.15	2.787e+06	3.037e+04	-1.178e+04
2	46	187.50	-1.654e+04	8908.12	2047.36	2.788e+06	3.922e+04	-1.035e+04
2	46	191.00	-1.621e+04	9015.51	2017.81	2.780e+06	4.776e+04	-8913.59
2	46	194.50	-1.570e+04	9056.15	1987.48	2.749e+06	5.613e+04	-7510.26
2	46	198.00	-1.509e+04	8981.49	1963.89	2.688e+06	6.566e+04	-6166.53
2	46	201.50	-1.455e+04	8807.63	1968.01	2.613e+06	7.618e+04	-4959.05
2	46	205.00	-1.423e+04	8681.31	1996.54	2.557e+06	8.646e+04	-4147.42
2	46	212.50	-1.423e+04	8661.60	1996.54	2.561e+06	9.807e+04	-2674.06
2	46	216.88	-1.462e+04	8569.88	2136.13	2.493e+06	1.086e+05	-1435.01
2	46	221.25	-1.517e+04	8557.52	2153.64	2.419e+06	1.204e+05	208.31
2	46	225.62	-1.555e+04	8669.22	2092.46	2.381e+06	1.319e+05	2869.01
2	46	230.00	-1.565e+04	8749.33	2014.19	2.376e+06	1.420e+05	6360.19
2	46	234.38	-1.553e+04	8798.66	1945.19	2.378e+06	1.516e+05	9831.68
2	46	238.75	-1.520e+04	8873.69	1883.31	2.371e+06	1.607e+05	1.302e+04
2	46	243.12	-1.462e+04	8991.45	1828.86	2.336e+06	1.698e+05	1.588e+04
2	46	247.50	-1.383e+04	9071.29	1805.67	2.257e+06	1.777e+05	1.852e+04
2	46	251.88	-1.314e+04	8945.26	1824.97	2.162e+06	1.845e+05	2.103e+04
2	46	255.00	-1.310e+04	8777.22	1883.43	2.157e+06	1.895e+05	2.155e+04
2	46	256.25	-1.309e+04	8610.34	1969.74	2.143e+06	1.924e+05	2.334e+04
2	46	260.25	-1.358e+04	8789.58	2171.09	2.062e+06	2.028e+05	2.931e+04
2	46	265.50	-1.418e+04	8975.61	2013.97	1.982e+06	2.200e+05	3.380e+04
2	46	270.75	-1.444e+04	8930.53	1796.43	1.959e+06	2.306e+05	4.327e+04
2	46	276.00	-1.448e+04	8667.48	1691.58	1.960e+06	2.394e+05	5.145e+04
2	46	281.25	-1.444e+04	8404.53	1604.33	1.964e+06	2.473e+05	5.853e+04
2	46	286.50	-1.427e+04	8266.75	1525.93	1.963e+06	2.549e+05	6.470e+04
2	46	291.75	-1.388e+04	8368.91	1443.59	1.939e+06	2.622e+05	6.999e+04
2	46	297.00	-1.305e+04	8790.53	1333.12	1.854e+06	2.697e+05	7.461e+04

2	46	297.50	-1.296e+04	8804.00	1337.43	1.843e+06	2.707e+05	7.470e+04
2	46	302.25	-1.229e+04	8272.74	164.53	1.608e+06	3.032e+05	8.436e+04
2	46	303.62	-1.270e+04	8566.18	-151.21	1.614e+06	3.409e+05	1.330e+05
2	46	307.50	-1.238e+04	8254.45	-463.45	1.566e+06	3.282e+05	1.631e+05
2	46	309.75	-1.290e+04	8349.35	-703.09	1.504e+06	3.341e+05	1.860e+05
2	46	315.88	-1.283e+04	7476.59	-753.33	1.528e+06	3.365e+05	2.213e+05
2	46	322.00	-1.296e+04	6713.10	-832.75	1.537e+06	3.408e+05	2.506e+05
2	46	328.12	-1.310e+04	6052.71	-901.00	1.551e+06	3.459e+05	2.769e+05
2	46	334.25	-1.324e+04	5543.43	-997.57	1.570e+06	3.510e+05	3.011e+05
2	46	340.00	-1.332e+04	5336.50	-1151.32	1.588e+06	3.554e+05	3.222e+05
2	46	340.38	-1.304e+04	5020.48	-1119.70	1.631e+06	3.227e+05	2.882e+05
2	46	346.50	-1.134e+04	4193.98	-681.00	1.700e+06	1.531e+05	1.615e+04
2	46	347.00	-1.153e+04	4421.66	-694.37	1.663e+06	1.708e+05	1.605e+04
2	46	352.62	-8669.69	5582.93	-1027.84	1.578e+06	1.494e+05	-5.772e+04
2	46	354.00	-8973.69	5388.77	-1180.79	1.541e+06	1.783e+05	-8.696e+04
2	46	358.75	-8192.00	8793.05	-1998.03	1.323e+06	1.236e+05	-3.184e+04
2	46	361.00	-8211.40	8821.83	-1958.25	1.256e+06	1.278e+05	-5.393e+04
2	46	368.00	-8207.86	8734.39	-1851.42	1.061e+06	1.397e+05	-1.144e+05
2	46	375.00	-8261.95	8447.55	-1768.50	8.648e+05	1.514e+05	-1.656e+05
2	46	382.00	-8377.01	7904.36	-1670.90	6.692e+05	1.627e+05	-2.082e+05
2	46	389.00	-8602.80	6976.83	-1522.17	4.718e+05	1.732e+05	-2.401e+05
2	46	396.00	-8985.36	5357.47	-1313.71	2.701e+05	1.805e+05	-2.531e+05
2	46	403.00	-8301.10	3138.60	-736.60	8.249e+04	1.706e+05	-2.196e+05
2	47	0.0	-1.823e+04	-8459.31	568.07	-2.385e+06	-5.477e+04	5559.60
2	47	42.50	-1.823e+04	-8439.14	568.07	-2.388e+06	1.112e+04	1.594e+04
2	47	43.38	-1.723e+04	-8012.64	434.72	-2.208e+06	7763.64	1.795e+04
2	47	44.25	-1.703e+04	-8016.65	472.45	-2.181e+06	3518.88	1.857e+04
2	47	45.12	-1.688e+04	-8148.57	480.35	-2.166e+06	-290.36	1.934e+04
2	47	46.00	-1.678e+04	-8322.12	495.03	-2.160e+06	-3580.89	2.022e+04
2	47	46.88	-1.671e+04	-8507.71	511.90	-2.159e+06	-6517.53	2.113e+04
2	47	47.75	-1.668e+04	-8684.58	528.65	-2.161e+06	-9182.92	2.207e+04
2	47	48.62	-1.666e+04	-8833.54	542.33	-2.162e+06	-1.162e+04	2.303e+04
2	47	49.50	-1.666e+04	-8929.49	552.49	-2.163e+06	-1.383e+04	2.400e+04
2	47	50.38	-1.669e+04	-8897.47	549.95	-2.158e+06	-1.550e+04	2.484e+04
2	47	51.25	-1.748e+04	-8442.72	482.84	-2.015e+06	-1.551e+04	2.480e+04
2	47	85.00	-1.748e+04	-8442.27	482.84	-2.016e+06	3.753e+04	3.124e+04
2	47	86.75	-1.672e+04	-8353.86	453.15	-1.880e+06	3.521e+04	3.234e+04
2	47	88.50	-1.624e+04	-8238.28	460.59	-1.812e+06	3.333e+04	3.321e+04
2	47	90.25	-1.599e+04	-8276.56	471.77	-1.788e+06	3.148e+04	3.387e+04
2	47	92.00	-1.584e+04	-8400.73	481.00	-1.780e+06	2.981e+04	3.456e+04
2	47	93.75	-1.578e+04	-8554.45	488.23	-1.779e+06	2.840e+04	3.530e+04
2	47	95.50	-1.578e+04	-8686.90	494.65	-1.780e+06	2.723e+04	3.603e+04
2	47	97.25	-1.584e+04	-8750.53	500.17	-1.777e+06	2.632e+04	3.674e+04
2	47	99.00	-1.595e+04	-8700.95	500.10	-1.766e+06	2.573e+04	3.732e+04
2	47	100.75	-1.624e+04	-8504.15	490.52	-1.726e+06	2.543e+04	3.759e+04
2	47	102.50	-1.672e+04	-8404.66	458.65	-1.640e+06	2.483e+04	3.747e+04
2	47	127.50	-1.672e+04	-8422.37	458.65	-1.638e+06	6.421e+04	4.239e+04
2	47	130.12	-1.605e+04	-8391.54	464.31	-1.517e+06	6.366e+04	4.317e+04
2	47	132.75	-1.553e+04	-8344.44	480.14	-1.444e+06	6.341e+04	4.388e+04
2	47	135.38	-1.516e+04	-8358.85	487.18	-1.407e+06	6.347e+04	4.449e+04
2	47	138.00	-1.495e+04	-8454.40	488.87	-1.396e+06	6.371e+04	4.510e+04
2	47	140.62	-1.488e+04	-8583.06	487.58	-1.395e+06	6.409e+04	4.577e+04
2	47	143.25	-1.495e+04	-8683.47	486.49	-1.395e+06	6.466e+04	4.648e+04
2	47	145.88	-1.512e+04	-8697.39	476.15	-1.385e+06	6.538e+04	4.716e+04
2	47	148.50	-1.538e+04	-8593.53	475.80	-1.360e+06	6.616e+04	4.773e+04
2	47	151.12	-1.567e+04	-8435.76	478.05	-1.319e+06	6.684e+04	4.813e+04
2	47	153.75	-1.595e+04	-8353.78	479.44	-1.267e+06	6.742e+04	4.838e+04
2	47	170.00	-1.596e+04	-8380.89	479.44	-1.263e+06	9.300e+04	5.211e+04
2	47	173.50	-1.534e+04	-8349.19	527.23	-1.151e+06	9.405e+04	5.256e+04
2	47	177.00	-1.478e+04	-8314.15	557.74	-1.072e+06	9.571e+04	5.323e+04
2	47	180.50	-1.433e+04	-8348.49	556.25	-1.028e+06	9.777e+04	5.396e+04
2	47	184.00	-1.407e+04	-8451.39	544.68	-1.012e+06	1.001e+05	5.483e+04
2	47	187.50	-1.400e+04	-8576.68	524.76	-1.012e+06	1.026e+05	5.592e+04
2	47	191.00	-1.413e+04	-8682.06	505.99	-1.010e+06	1.051e+05	5.716e+04
2	47	194.50	-1.443e+04	-8718.35	501.81	-9.930e+05	1.075e+05	5.839e+04
2	47	198.00	-1.482e+04	-8630.89	515.51	-9.545e+05	1.085e+05	5.950e+04
2	47	201.50	-1.512e+04	-8440.89	536.75	-9.119e+05	1.084e+05	6.047e+04
2	47	205.00	-1.518e+04	-8317.74	571.23	-8.992e+05	1.086e+05	6.112e+04
2	47	212.50	-1.518e+04	-8337.45	571.22	-8.949e+05	1.203e+05	6.319e+04
2	47	216.88	-1.463e+04	-8258.40	714.66	-7.930e+05	1.224e+05	6.417e+04
2	47	221.25	-1.402e+04	-8217.17	728.86	-7.058e+05	1.261e+05	6.501e+04
2	47	225.62	-1.349e+04	-8291.24	694.86	-6.524e+05	1.304e+05	6.611e+04
2	47	230.00	-1.320e+04	-8378.77	662.58	-6.346e+05	1.351e+05	6.817e+04
2	47	234.38	-1.313e+04	-8459.21	636.13	-6.329e+05	1.395e+05	7.074e+04
2	47	238.75	-1.326e+04	-8567.58	617.14	-6.305e+05	1.435e+05	7.345e+04
2	47	243.12	-1.363e+04	-8705.99	607.75	-6.081e+05	1.471e+05	7.611e+04
2	47	247.50	-1.422e+04	-8776.87	607.86	-5.499e+05	1.514e+05	7.849e+04

2	47	251.88	-1.465e+04	-8585.37	655.40	-4.878e+05	1.564e+05	8.048e+04
2	47	255.00	-1.448e+04	-8420.40	730.74	-5.153e+05	1.598e+05	8.057e+04
2	47	256.25	-1.423e+04	-8400.60	835.45	-5.011e+05	1.605e+05	8.184e+04
2	47	260.25	-1.409e+04	-8050.25	1074.08	-4.724e+05	1.621e+05	8.463e+04
2	47	265.50	-1.327e+04	-8148.93	899.07	-3.535e+05	1.708e+05	8.434e+04
2	47	270.75	-1.276e+04	-8210.10	838.16	-2.994e+05	1.802e+05	8.997e+04
2	47	276.00	-1.250e+04	-8116.41	772.08	-2.799e+05	1.880e+05	9.677e+04
2	47	281.25	-1.236e+04	-8023.99	737.76	-2.741e+05	1.951e+05	1.033e+05
2	47	286.50	-1.236e+04	-8040.23	703.24	-2.719e+05	2.016e+05	1.096e+05
2	47	291.75	-1.258e+04	-8265.92	659.12	-2.585e+05	2.076e+05	1.156e+05
2	47	297.00	-1.319e+04	-8756.30	645.18	-1.992e+05	2.128e+05	1.218e+05
2	47	297.50	-1.331e+04	-8827.21	646.63	-1.846e+05	2.136e+05	1.221e+05
2	47	302.25	-1.393e+04	-1.007e+04	-979.21	-4028.04	2.150e+05	1.137e+05
2	47	303.62	-1.399e+04	-9552.50	-1426.23	1.110e+04	2.533e+05	1.583e+05
2	47	307.50	-1.231e+04	-9074.80	-1414.42	1.990e+04	2.475e+05	1.798e+05
2	47	309.75	-1.229e+04	-8834.95	-1452.76	2.680e+04	2.553e+05	1.987e+05
2	47	315.88	-1.191e+04	-8254.49	-1583.23	8.250e+04	2.598e+05	2.245e+05
2	47	322.00	-1.156e+04	-7579.74	-1575.30	1.205e+05	2.654e+05	2.448e+05
2	47	328.12	-1.125e+04	-6965.14	-1581.88	1.435e+05	2.710e+05	2.622e+05
2	47	334.25	-1.099e+04	-6490.70	-1607.93	1.543e+05	2.765e+05	2.779e+05
2	47	340.00	-1.080e+04	-6266.15	-1668.26	1.562e+05	2.813e+05	2.910e+05
2	47	340.38	-1.040e+04	-6556.86	-1586.27	2.216e+05	2.526e+05	2.608e+05
2	47	346.50	-7049.16	-8031.34	-418.16	6.768e+05	1.168e+05	4.790e+04
2	47	347.00	-7239.31	-8041.34	-329.75	6.850e+05	1.347e+05	5.245e+04
2	47	352.62	-6473.44	-8506.19	-505.37	7.358e+05	1.169e+05	-8542.60
2	47	354.00	-7511.17	-9288.10	-771.33	7.599e+05	1.460e+05	-3.489e+04
2	47	358.75	-8600.43	-8051.55	-1668.17	8.670e+05	7.418e+04	2.309e+04
2	47	361.00	-8522.79	-7685.70	-1610.38	8.116e+05	7.913e+04	3905.40
2	47	368.00	-8161.32	-6510.10	-1540.31	6.601e+05	9.314e+04	-5.285e+04
2	47	375.00	-7757.35	-5234.62	-1476.71	5.199e+05	1.073e+05	-1.033e+05
2	47	382.00	-7310.20	-3858.38	-1406.57	3.907e+05	1.216e+05	-1.482e+05
2	47	389.00	-6806.33	-2411.31	-1315.65	2.729e+05	1.358e+05	-1.850e+05
2	47	396.00	-6225.56	-1011.37	-1131.14	1.651e+05	1.485e+05	-2.072e+05
2	47	403.00	-4295.07	649.07	-965.47	8.249e+04	1.468e+05	-1.874e+05
2	78	0.0	-1.875e+04	8052.58	2488.76	3.895e+06	-3.806e+05	-4682.31
2	78	42.50	-1.875e+04	8072.76	2488.76	3.891e+06	-3.128e+05	-1.008e+04
2	78	43.38	-1.950e+04	7682.71	2442.10	3.755e+06	-3.074e+05	-1.155e+04
2	78	44.25	-1.952e+04	7688.11	2354.70	3.753e+06	-3.011e+05	-1.194e+04
2	78	45.12	-1.949e+04	7810.22	2354.76	3.756e+06	-2.949e+05	-1.249e+04
2	78	46.00	-1.941e+04	7970.91	2367.17	3.760e+06	-2.892e+05	-1.307e+04
2	78	46.88	-1.930e+04	8141.71	2382.76	3.762e+06	-2.837e+05	-1.360e+04
2	78	47.75	-1.916e+04	8301.58	2397.63	3.758e+06	-2.784e+05	-1.406e+04
2	78	48.62	-1.900e+04	8430.56	2407.89	3.748e+06	-2.733e+05	-1.450e+04
2	78	49.50	-1.882e+04	8500.60	2398.14	3.730e+06	-2.683e+05	-1.504e+04
2	78	50.38	-1.858e+04	8430.02	2331.00	3.697e+06	-2.643e+05	-1.566e+04
2	78	51.25	-1.763e+04	8046.59	2215.28	3.527e+06	-2.619e+05	-1.564e+04
2	78	85.00	-1.763e+04	8047.04	2215.28	3.526e+06	-2.088e+05	-1.716e+04
2	78	86.75	-1.817e+04	7964.42	2217.01	3.430e+06	-2.016e+05	-1.777e+04
2	78	88.50	-1.845e+04	7856.90	2188.65	3.390e+06	-1.947e+05	-1.819e+04
2	78	90.25	-1.851e+04	7894.27	2172.68	3.383e+06	-1.878e+05	-1.834e+04
2	78	92.00	-1.848e+04	8012.34	2166.05	3.385e+06	-1.809e+05	-1.846e+04
2	78	93.75	-1.837e+04	8157.31	2163.13	3.386e+06	-1.742e+05	-1.859e+04
2	78	95.50	-1.819e+04	8280.47	2159.79	3.382e+06	-1.676e+05	-1.872e+04
2	78	97.25	-1.794e+04	8337.02	2152.14	3.366e+06	-1.613e+05	-1.886e+04
2	78	99.00	-1.763e+04	8287.73	2137.50	3.335e+06	-1.554e+05	-1.891e+04
2	78	100.75	-1.715e+04	8116.18	2114.37	3.268e+06	-1.499e+05	-1.869e+04
2	78	102.50	-1.652e+04	8028.45	2108.15	3.153e+06	-1.442e+05	-1.832e+04
2	78	127.50	-1.652e+04	8010.74	2108.15	3.155e+06	-1.052e+05	-1.759e+04
2	78	130.12	-1.697e+04	7978.80	2123.59	3.074e+06	-9.687e+04	-1.773e+04
2	78	132.75	-1.730e+04	7934.56	2117.37	3.028e+06	-8.874e+04	-1.771e+04
2	78	135.38	-1.749e+04	7953.46	2103.94	3.009e+06	-8.076e+04	-1.754e+04
2	78	138.00	-1.752e+04	8050.92	2084.84	3.006e+06	-7.284e+04	-1.723e+04
2	78	140.62	-1.741e+04	8178.07	2064.50	3.007e+06	-6.506e+04	-1.683e+04
2	78	143.25	-1.717e+04	8276.89	2044.63	3.001e+06	-5.751e+04	-1.636e+04
2	78	145.88	-1.681e+04	8295.47	2036.55	2.979e+06	-5.020e+04	-1.584e+04
2	78	148.50	-1.636e+04	8208.01	2024.84	2.934e+06	-4.306e+04	-1.525e+04
2	78	151.12	-1.588e+04	8071.02	2018.59	2.867e+06	-3.592e+04	-1.459e+04
2	78	153.75	-1.540e+04	7995.72	2023.20	2.781e+06	-2.873e+04	-1.398e+04
2	78	170.00	-1.541e+04	7968.61	2023.20	2.785e+06	-3529.87	-1.222e+04
2	78	173.50	-1.581e+04	7928.28	2066.84	2.714e+06	5773.01	-1.163e+04
2	78	177.00	-1.619e+04	7896.00	2074.76	2.661e+06	1.504e+04	-1.098e+04
2	78	180.50	-1.646e+04	7942.93	2055.09	2.633e+06	2.428e+04	-1.017e+04
2	78	184.00	-1.655e+04	8052.33	2017.61	2.627e+06	3.329e+04	-8979.62
2	78	187.50	-1.644e+04	8173.67	1983.44	2.629e+06	4.188e+04	-7571.68
2	78	191.00	-1.612e+04	8272.12	1954.35	2.621e+06	5.017e+04	-6140.07
2	78	194.50	-1.565e+04	8309.53	1925.11	2.592e+06	5.828e+04	-4743.89
2	78	198.00	-1.508e+04	8241.68	1903.09	2.535e+06	6.746e+04	-3409.83

2	78	201.50	-1.457e+04	8083.10	1907.93	2.465e+06	7.753e+04	-2212.26
2	78	205.00	-1.427e+04	7967.26	1936.71	2.412e+06	8.739e+04	-1407.55
2	78	212.50	-1.427e+04	7947.55	1936.71	2.416e+06	9.900e+04	90.84
2	78	216.88	-1.462e+04	7863.00	2076.46	2.355e+06	1.092e+05	1318.90
2	78	221.25	-1.512e+04	7852.90	2093.83	2.288e+06	1.207e+05	2928.52
2	78	225.62	-1.546e+04	7956.79	2033.79	2.254e+06	1.318e+05	5523.87
2	78	230.00	-1.555e+04	8029.85	1957.45	2.249e+06	1.417e+05	8955.10
2	78	234.38	-1.543e+04	8073.74	1890.24	2.252e+06	1.510e+05	1.239e+04
2	78	238.75	-1.512e+04	8141.06	1830.16	2.245e+06	1.600e+05	1.556e+04
2	78	243.12	-1.458e+04	8248.07	1777.60	2.212e+06	1.689e+05	1.841e+04
2	78	247.50	-1.385e+04	8321.58	1755.39	2.139e+06	1.766e+05	2.104e+04
2	78	251.88	-1.321e+04	8208.87	1775.87	2.051e+06	1.833e+05	2.353e+04
2	78	255.00	-1.316e+04	8054.82	1835.04	2.044e+06	1.882e+05	2.402e+04
2	78	256.25	-1.314e+04	7895.78	1922.11	2.032e+06	1.910e+05	2.580e+04
2	78	260.25	-1.360e+04	8082.22	2125.03	1.956e+06	2.011e+05	3.163e+04
2	78	265.50	-1.414e+04	8256.29	1967.16	1.883e+06	2.180e+05	3.592e+04
2	78	270.75	-1.437e+04	8210.53	1756.20	1.864e+06	2.285e+05	4.523e+04
2	78	276.00	-1.440e+04	7962.46	1652.97	1.866e+06	2.372e+05	5.336e+04
2	78	281.25	-1.436e+04	7714.44	1567.95	1.870e+06	2.451e+05	6.041e+04
2	78	286.50	-1.419e+04	7581.77	1491.39	1.869e+06	2.526e+05	6.658e+04
2	78	291.75	-1.383e+04	7670.15	1410.65	1.847e+06	2.599e+05	7.190e+04
2	78	297.00	-1.306e+04	8053.47	1304.23	1.768e+06	2.673e+05	7.659e+04
2	78	297.50	-1.297e+04	8063.40	1308.43	1.758e+06	2.683e+05	7.669e+04
2	78	302.25	-1.236e+04	7502.47	116.51	1.540e+06	2.995e+05	8.559e+04
2	78	303.62	-1.275e+04	7805.12	-204.74	1.547e+06	3.373e+05	1.341e+05
2	78	307.50	-1.238e+04	7526.55	-503.37	1.501e+06	3.248e+05	1.638e+05
2	78	309.75	-1.287e+04	7627.55	-734.56	1.442e+06	3.308e+05	1.866e+05
2	78	315.88	-1.280e+04	6815.83	-788.17	1.467e+06	3.333e+05	2.214e+05
2	78	322.00	-1.290e+04	6112.75	-863.93	1.478e+06	3.376e+05	2.504e+05
2	78	328.12	-1.302e+04	5505.92	-929.59	1.492e+06	3.427e+05	2.763e+05
2	78	334.25	-1.314e+04	5037.97	-1023.19	1.511e+06	3.479e+05	3.002e+05
2	78	340.00	-1.321e+04	4849.16	-1173.02	1.528e+06	3.523e+05	3.209e+05
2	78	340.38	-1.292e+04	4534.20	-1139.28	1.572e+06	3.197e+05	2.870e+05
2	78	346.50	-1.116e+04	3680.47	-669.97	1.657e+06	1.515e+05	1.748e+04
2	78	347.00	-1.135e+04	3898.16	-679.06	1.622e+06	1.693e+05	1.758e+04
2	78	352.62	-8577.39	4991.14	-1005.91	1.543e+06	1.481e+05	-5.566e+04
2	78	354.00	-8912.19	4772.29	-1163.60	1.508e+06	1.769e+05	-8.478e+04
2	78	358.75	-8209.07	8085.52	-1984.19	1.304e+06	1.216e+05	-2.953e+04
2	78	361.00	-8224.39	8128.46	-1943.65	1.238e+06	1.258e+05	-5.150e+04
2	78	368.00	-8205.81	8094.07	-1838.36	1.044e+06	1.378e+05	-1.118e+05
2	78	375.00	-8240.66	7872.86	-1756.25	8.503e+05	1.496e+05	-1.630e+05
2	78	382.00	-8332.11	7410.29	-1659.80	6.575e+05	1.610e+05	-2.057e+05
2	78	389.00	-8527.25	6582.51	-1513.50	4.634e+05	1.716e+05	-2.378e+05
2	78	396.00	-8869.35	5089.97	-1306.05	2.657e+05	1.792e+05	-2.511e+05
2	78	403.00	-8132.74	3034.04	-746.22	8.249e+04	1.696e+05	-2.182e+05
2	79	0.0	-1.825e+04	-7735.32	652.24	-2.109e+06	-6.904e+04	5110.83
2	79	42.50	-1.825e+04	-7715.14	652.24	-2.113e+06	-3072.18	1.480e+04
2	79	43.38	-1.733e+04	-7324.45	522.70	-1.946e+06	-6042.80	1.666e+04
2	79	44.25	-1.714e+04	-7328.05	554.94	-1.920e+06	-9827.15	1.724e+04
2	79	45.12	-1.700e+04	-7448.83	562.49	-1.906e+06	-1.320e+04	1.795e+04
2	79	46.00	-1.690e+04	-7607.73	577.08	-1.901e+06	-1.610e+04	1.876e+04
2	79	46.88	-1.683e+04	-7777.69	593.89	-1.900e+06	-1.866e+04	1.960e+04
2	79	47.75	-1.679e+04	-7939.79	610.55	-1.901e+06	-2.098e+04	2.049e+04
2	79	48.62	-1.676e+04	-8076.57	624.09	-1.903e+06	-2.308e+04	2.139e+04
2	79	49.50	-1.675e+04	-8165.24	633.37	-1.905e+06	-2.498e+04	2.229e+04
2	79	50.38	-1.677e+04	-8137.71	628.01	-1.901e+06	-2.640e+04	2.306e+04
2	79	51.25	-1.749e+04	-7719.71	558.77	-1.772e+06	-2.631e+04	2.303e+04
2	79	85.00	-1.749e+04	-7719.26	558.77	-1.773e+06	2.674e+04	2.911e+04
2	79	86.75	-1.678e+04	-7638.35	530.45	-1.647e+06	2.484e+04	3.014e+04
2	79	88.50	-1.633e+04	-7532.55	536.33	-1.584e+06	2.334e+04	3.096e+04
2	79	90.25	-1.610e+04	-7567.53	546.32	-1.561e+06	2.188e+04	3.158e+04
2	79	92.00	-1.596e+04	-7681.07	554.85	-1.554e+06	2.058e+04	3.224e+04
2	79	93.75	-1.589e+04	-7821.69	561.63	-1.553e+06	1.952e+04	3.294e+04
2	79	95.50	-1.589e+04	-7942.93	567.63	-1.554e+06	1.870e+04	3.363e+04
2	79	97.25	-1.593e+04	-8001.29	572.57	-1.552e+06	1.810e+04	3.430e+04
2	79	99.00	-1.603e+04	-7956.06	571.86	-1.543e+06	1.780e+04	3.485e+04
2	79	100.75	-1.628e+04	-7775.40	561.69	-1.507e+06	1.774e+04	3.512e+04
2	79	102.50	-1.671e+04	-7684.12	530.93	-1.430e+06	1.742e+04	3.502e+04
2	79	127.50	-1.671e+04	-7701.83	530.93	-1.428e+06	5.679e+04	3.976e+04
2	79	130.12	-1.609e+04	-7673.75	537.02	-1.316e+06	5.663e+04	4.051e+04
2	79	132.75	-1.560e+04	-7630.66	551.88	-1.247e+06	5.674e+04	4.118e+04
2	79	135.38	-1.526e+04	-7643.61	558.03	-1.214e+06	5.715e+04	4.177e+04
2	79	138.00	-1.506e+04	-7730.70	558.80	-1.203e+06	5.772e+04	4.237e+04
2	79	140.62	-1.499e+04	-7848.14	556.68	-1.202e+06	5.843e+04	4.302e+04
2	79	143.25	-1.504e+04	-7939.81	554.76	-1.202e+06	5.931e+04	4.372e+04
2	79	145.88	-1.519e+04	-7952.31	544.53	-1.194e+06	6.031e+04	4.440e+04
2	79	148.50	-1.542e+04	-7856.84	543.68	-1.172e+06	6.137e+04	4.497e+04

2	79	151.12	-1.568e+04	-7712.00	545.56	-1.135e+06	6.234e+04	4.538e+04
2	79	153.75	-1.593e+04	-7636.91	547.08	-1.090e+06	6.321e+04	4.565e+04
2	79	170.00	-1.593e+04	-7664.02	547.08	-1.086e+06	8.877e+04	4.929e+04
2	79	173.50	-1.536e+04	-7635.47	594.69	-9.815e+05	9.018e+04	4.975e+04
2	79	177.00	-1.484e+04	-7603.39	624.21	-9.085e+05	9.218e+04	5.041e+04
2	79	180.50	-1.443e+04	-7634.17	621.93	-8.673e+05	9.455e+04	5.115e+04
2	79	184.00	-1.417e+04	-7727.75	609.22	-8.528e+05	9.713e+04	5.204e+04
2	79	187.50	-1.411e+04	-7842.24	588.67	-8.524e+05	9.991e+04	5.314e+04
2	79	191.00	-1.422e+04	-7938.67	569.45	-8.510e+05	1.027e+05	5.438e+04
2	79	194.50	-1.449e+04	-7971.74	564.18	-8.358e+05	1.053e+05	5.562e+04
2	79	198.00	-1.483e+04	-7891.09	576.31	-8.015e+05	1.067e+05	5.675e+04
2	79	201.50	-1.510e+04	-7716.37	596.84	-7.638e+05	1.071e+05	5.773e+04
2	79	205.00	-1.514e+04	-7603.69	631.06	-7.540e+05	1.077e+05	5.838e+04
2	79	212.50	-1.514e+04	-7623.40	631.06	-7.498e+05	1.193e+05	6.042e+04
2	79	216.88	-1.463e+04	-7551.52	774.33	-6.549e+05	1.218e+05	6.141e+04
2	79	221.25	-1.407e+04	-7512.54	788.67	-5.745e+05	1.259e+05	6.229e+04
2	79	225.62	-1.358e+04	-7578.81	753.53	-5.250e+05	1.304e+05	6.345e+04
2	79	230.00	-1.330e+04	-7659.30	719.32	-5.081e+05	1.354e+05	6.558e+04
2	79	234.38	-1.323e+04	-7734.29	691.08	-5.065e+05	1.400e+05	6.818e+04
2	79	238.75	-1.334e+04	-7834.95	670.29	-5.044e+05	1.442e+05	7.092e+04
2	79	243.12	-1.368e+04	-7962.61	659.02	-4.844e+05	1.480e+05	7.358e+04
2	79	247.50	-1.420e+04	-8027.15	658.15	-4.320e+05	1.525e+05	7.597e+04
2	79	251.88	-1.459e+04	-7848.98	704.50	-3.765e+05	1.576e+05	7.798e+04
2	79	255.00	-1.442e+04	-7698.00	779.14	-4.030e+05	1.611e+05	7.809e+04
2	79	256.25	-1.418e+04	-7686.05	883.08	-3.900e+05	1.619e+05	7.938e+04
2	79	260.25	-1.406e+04	-7342.89	1120.15	-3.660e+05	1.638e+05	8.231e+04
2	79	265.50	-1.330e+04	-7429.61	945.89	-2.554e+05	1.729e+05	8.222e+04
2	79	270.75	-1.283e+04	-7490.10	878.40	-2.045e+05	1.823e+05	8.801e+04
2	79	276.00	-1.258e+04	-7411.39	810.69	-1.858e+05	1.901e+05	9.487e+04
2	79	281.25	-1.244e+04	-7333.90	774.15	-1.801e+05	1.973e+05	1.015e+05
2	79	286.50	-1.244e+04	-7355.25	737.79	-1.780e+05	2.038e+05	1.077e+05
2	79	291.75	-1.264e+04	-7567.17	692.06	-1.662e+05	2.099e+05	1.137e+05
2	79	297.00	-1.319e+04	-8019.24	674.06	-1.129e+05	2.152e+05	1.199e+05
2	79	297.50	-1.330e+04	-8086.61	675.64	-9.940e+04	2.160e+05	1.201e+05
2	79	302.25	-1.387e+04	-9294.74	-931.19	6.369e+04	2.187e+05	1.125e+05
2	79	303.62	-1.393e+04	-8791.44	-1372.71	7.846e+04	2.570e+05	1.573e+05
2	79	307.50	-1.232e+04	-8346.91	-1374.50	8.485e+04	2.509e+05	1.791e+05
2	79	309.75	-1.232e+04	-8113.14	-1421.29	8.888e+04	2.586e+05	1.981e+05
2	79	315.88	-1.195e+04	-7593.73	-1548.39	1.432e+05	2.631e+05	2.243e+05
2	79	322.00	-1.162e+04	-6979.40	-1544.12	1.800e+05	2.686e+05	2.451e+05
2	79	328.12	-1.133e+04	-6418.35	-1553.30	2.026e+05	2.742e+05	2.629e+05
2	79	334.25	-1.108e+04	-5985.23	-1582.31	2.138e+05	2.796e+05	2.789e+05
2	79	340.00	-1.091e+04	-5778.80	-1646.56	2.164e+05	2.844e+05	2.923e+05
2	79	340.38	-1.051e+04	-6070.58	-1566.69	2.808e+05	2.555e+05	2.619e+05
2	79	346.50	-7229.55	-7517.83	-429.19	7.198e+05	1.184e+05	4.657e+04
2	79	347.00	-7419.72	-7517.85	-345.05	7.261e+05	1.362e+05	5.092e+04
2	79	352.62	-6565.75	-7914.40	-527.30	7.712e+05	1.183e+05	-1.061e+04
2	79	354.00	-7572.66	-8671.62	-788.51	7.927e+05	1.474e+05	-3.707e+04
2	79	358.75	-8583.37	-7344.02	-1682.01	8.862e+05	7.626e+04	2.078e+04
2	79	361.00	-8509.81	-6992.33	-1624.98	8.303e+05	8.117e+04	1477.72
2	79	368.00	-8163.37	-5869.79	-1553.37	6.769e+05	9.509e+04	-5.543e+04
2	79	375.00	-7778.64	-4659.93	-1488.96	5.344e+05	1.092e+05	-1.059e+05
2	79	382.00	-7355.11	-3364.31	-1417.66	4.024e+05	1.233e+05	-1.507e+05
2	79	389.00	-6881.88	-2016.98	-1324.32	2.813e+05	1.373e+05	-1.873e+05
2	79	396.00	-6341.57	-743.87	-1138.79	1.695e+05	1.498e+05	-2.092e+05
2	79	403.00	-4463.43	753.63	-955.86	8.249e+04	1.478e+05	-1.888e+05

M\_S

N memb.

V memb.

V orto

M memb.

M orto

T

-2.110e+04  
-2084.62

-2.015e+04  
1.927e+04

-2178.53  
3678.28

-5.993e+06  
7.776e+06

-5.810e+05  
3.960e+05

-2.782e+05  
3.393e+05

Macro	Tipo	Angolo 1-Z (gradi)
3	Setto	0.0

M\_S

Cmb

Z

N memb.

V memb.

V orto

M memb.

M orto

T

cm

daN

daN

daN

daN cm

daN cm

daN cm

3	3	0.0	-1.935e+04	1230.34	-3562.75	9.635e+05	5.286e+05	4235.08
3	3	42.50	-1.935e+04	1251.74	-3562.75	1.000e+06	4.478e+05	-4481.36
3	3	43.38	-1.946e+04	1159.13	-3575.45	9.775e+05	4.400e+05	-2886.74
3	3	44.25	-1.941e+04	1164.39	-3454.29	9.866e+05	4.307e+05	-2679.32
3	3	45.12	-1.934e+04	1191.03	-3452.31	9.957e+05	4.217e+05	-2267.42

3	3	46.00	-1.925e+04	1224.70	-3463.65	1.003e+06	4.132e+05	-1788.71
3	3	46.88	-1.915e+04	1260.10	-3478.41	1.007e+06	4.050e+05	-1397.91
3	3	47.75	-1.904e+04	1293.30	-3493.52	1.008e+06	3.971e+05	-1100.05
3	3	48.62	-1.893e+04	1320.78	-3505.52	1.004e+06	3.894e+05	-863.80
3	3	49.50	-1.880e+04	1338.65	-3511.03	9.944e+05	3.826e+05	-610.24
3	3	50.38	-1.868e+04	1340.63	-3491.47	9.800e+05	3.767e+05	-156.48
3	3	51.25	-1.854e+04	1308.51	-3388.34	9.591e+05	3.709e+05	456.03
3	3	52.12	-1.826e+04	1234.93	-3236.93	9.038e+05	3.668e+05	71.04
3	3	85.00	-1.826e+04	1238.80	-3236.93	9.339e+05	3.056e+05	-3256.04
3	3	86.75	-1.833e+04	1217.82	-3258.52	9.211e+05	2.954e+05	-2568.59
3	3	88.50	-1.833e+04	1193.08	-3224.95	9.223e+05	2.857e+05	-2221.49
3	3	90.25	-1.828e+04	1203.04	-3202.25	9.296e+05	2.758e+05	-2278.23
3	3	92.00	-1.820e+04	1230.40	-3190.81	9.367e+05	2.667e+05	-2368.93
3	3	93.75	-1.811e+04	1263.97	-3184.86	9.416e+05	2.584e+05	-2441.31
3	3	95.50	-1.799e+04	1295.09	-3179.25	9.425e+05	2.503e+05	-2511.22
3	3	97.25	-1.786e+04	1315.96	-3172.79	9.383e+05	2.423e+05	-2551.53
3	3	99.00	-1.771e+04	1318.90	-3160.89	9.280e+05	2.337e+05	-2540.64
3	3	100.75	-1.756e+04	1297.64	-3140.28	9.107e+05	2.248e+05	-2606.42
3	3	102.50	-1.737e+04	1254.49	-3122.55	8.826e+05	2.164e+05	-3064.09
3	3	104.25	-1.717e+04	1232.48	-3114.30	8.437e+05	2.075e+05	-3749.83
3	3	127.50	-1.717e+04	1223.42	-3114.30	8.668e+05	1.646e+05	-4731.50
3	3	130.12	-1.722e+04	1216.72	-3135.75	8.593e+05	1.541e+05	-4473.27
3	3	132.75	-1.724e+04	1209.10	-3124.23	8.587e+05	1.438e+05	-4442.00
3	3	135.38	-1.722e+04	1215.64	-3104.74	8.633e+05	1.337e+05	-4625.45
3	3	138.00	-1.715e+04	1237.62	-3078.71	8.700e+05	1.229e+05	-4976.74
3	3	140.62	-1.706e+04	1265.85	-3051.66	8.754e+05	1.116e+05	-5429.32
3	3	143.25	-1.693e+04	1292.27	-3025.50	8.770e+05	1.005e+05	-5901.45
3	3	145.88	-1.679e+04	1308.94	-3002.66	8.730e+05	8.985e+04	-6336.82
3	3	148.50	-1.661e+04	1307.57	-2984.22	8.614e+05	7.945e+04	-6759.22
3	3	151.12	-1.643e+04	1282.79	-2977.06	8.414e+05	6.926e+04	-7259.98
3	3	153.75	-1.624e+04	1247.22	-2975.58	8.146e+05	5.897e+04	-7806.38
3	3	156.38	-1.608e+04	1226.62	-2986.87	7.851e+05	4.854e+04	-8238.88
3	3	170.00	-1.608e+04	1213.68	-2986.87	8.003e+05	2.340e+04	-7875.51
3	3	173.50	-1.612e+04	1207.03	-3029.80	7.955e+05	1.023e+04	-8109.86
3	3	177.00	-1.616e+04	1207.91	-3028.29	7.935e+05	-2703.24	-8358.54
3	3	180.50	-1.615e+04	1221.86	-3001.64	7.968e+05	-1.547e+04	-8777.28
3	3	184.00	-1.610e+04	1238.99	-2954.69	8.037e+05	-2.788e+04	-9623.50
3	3	187.50	-1.601e+04	1255.90	-2900.39	8.099e+05	-3.965e+04	-1.066e+04
3	3	191.00	-1.588e+04	1274.27	-2852.07	8.126e+05	-5.099e+04	-1.164e+04
3	3	194.50	-1.571e+04	1292.05	-2812.36	8.088e+05	-6.447e+04	-1.249e+04
3	3	198.00	-1.551e+04	1300.47	-2788.55	7.964e+05	-7.974e+04	-1.322e+04
3	3	201.50	-1.529e+04	1289.95	-2787.31	7.741e+05	-9.417e+04	-1.379e+04
3	3	205.00	-1.510e+04	1253.33	-2817.43	7.475e+05	-1.080e+05	-1.398e+04
3	3	208.50	-1.498e+04	1225.46	-2860.66	7.280e+05	-1.215e+05	-1.411e+04
3	3	212.50	-1.498e+04	1220.27	-2860.66	7.332e+05	-1.290e+05	-1.359e+04
3	3	216.88	-1.502e+04	1214.53	-2994.37	7.304e+05	-1.434e+05	-1.313e+04
3	3	221.25	-1.510e+04	1239.28	-3008.91	7.232e+05	-1.589e+05	-1.288e+04
3	3	225.62	-1.508e+04	1256.43	-2939.30	7.288e+05	-1.738e+05	-1.414e+04
3	3	230.00	-1.502e+04	1241.24	-2838.74	7.379e+05	-1.870e+05	-1.641e+04
3	3	234.38	-1.493e+04	1221.80	-2759.92	7.456e+05	-1.995e+05	-1.850e+04
3	3	238.75	-1.481e+04	1216.87	-2686.04	7.497e+05	-2.116e+05	-2.017e+04
3	3	243.12	-1.465e+04	1236.14	-2617.27	7.477e+05	-2.210e+05	-2.142e+04
3	3	247.50	-1.444e+04	1275.47	-2574.23	7.355e+05	-2.286e+05	-2.238e+04
3	3	251.88	-1.418e+04	1306.57	-2568.84	7.103e+05	-2.367e+05	-2.309e+04
3	3	255.00	-1.402e+04	1298.70	-2637.51	6.896e+05	-2.433e+05	-2.246e+04
3	3	256.25	-1.391e+04	1217.08	-2721.18	6.905e+05	-2.472e+05	-2.430e+04
3	3	260.25	-1.413e+04	1469.00	-3010.81	6.226e+05	-2.626e+05	-3.028e+04
3	3	260.62	-1.412e+04	1465.91	-3010.14	6.243e+05	-2.640e+05	-2.989e+04
3	3	265.50	-1.408e+04	1519.04	-2867.62	6.361e+05	-2.836e+05	-3.295e+04
3	3	270.75	-1.400e+04	1396.33	-2609.28	6.525e+05	-2.962e+05	-3.985e+04
3	3	276.00	-1.393e+04	1262.15	-2499.69	6.644e+05	-3.071e+05	-4.499e+04
3	3	281.25	-1.388e+04	1152.97	-2403.80	6.730e+05	-3.171e+05	-4.876e+04
3	3	286.50	-1.381e+04	1080.11	-2314.60	6.788e+05	-3.269e+05	-5.149e+04
3	3	291.75	-1.370e+04	1059.98	-2217.28	6.797e+05	-3.365e+05	-5.314e+04
3	3	297.00	-1.352e+04	1129.63	-2062.55	6.697e+05	-3.464e+05	-5.389e+04
3	3	297.50	-1.351e+04	1125.60	-2064.02	6.694e+05	-3.477e+05	-5.364e+04
3	3	302.25	-1.364e+04	342.96	-921.82	5.468e+05	-3.890e+05	-6.614e+04
3	3	303.62	-1.375e+04	624.81	-610.56	5.230e+05	-4.257e+05	-1.125e+05
3	3	307.50	-1.306e+04	418.18	-190.21	5.775e+05	-4.134e+05	-1.422e+05
3	3	309.75	-1.319e+04	579.96	3.97	5.072e+05	-4.210e+05	-1.613e+05
3	3	312.75	-1.308e+04	421.49	-101.87	5.373e+05	-4.258e+05	-1.843e+05
3	3	315.88	-1.310e+04	407.87	-89.64	5.426e+05	-4.291e+05	-1.995e+05
3	3	322.00	-1.307e+04	425.85	8.80	5.623e+05	-4.357e+05	-2.238e+05
3	3	328.12	-1.303e+04	489.47	97.40	5.805e+05	-4.433e+05	-2.447e+05
3	3	334.25	-1.299e+04	586.43	219.60	5.972e+05	-4.509e+05	-2.635e+05
3	3	340.00	-1.294e+04	724.74	406.79	6.101e+05	-4.574e+05	-2.793e+05
3	3	340.38	-1.243e+04	434.67	383.65	7.068e+05	-4.249e+05	-2.451e+05

3	3	346.50	-9334.47	-559.86	45.38	1.160e+06	-2.552e+05	4.136e+04
3	3	347.00	-9614.04	-388.46	82.76	1.115e+06	-2.723e+05	4.338e+04
3	3	352.62	-8059.99	-338.46	520.03	1.113e+06	-2.537e+05	1.255e+05
3	3	354.00	-8525.42	-716.75	730.27	1.081e+06	-2.789e+05	1.542e+05
3	3	358.75	-7953.03	1485.33	1816.69	9.380e+05	-2.364e+05	1.080e+05
3	3	361.00	-7621.20	1617.64	2442.71	8.439e+05	-2.189e+05	1.813e+05
3	3	364.88	-7735.45	2557.57	3517.45	7.841e+05	-2.805e+05	1.730e+05
3	3	368.00	-7695.56	2462.03	3466.32	7.141e+05	-2.841e+05	1.785e+05
3	3	375.00	-7614.17	2174.79	3376.16	5.593e+05	-2.917e+05	1.834e+05
3	3	382.00	-7556.30	1825.85	3267.74	4.058e+05	-2.987e+05	1.781e+05
3	3	389.00	-7535.86	1398.85	3098.32	2.518e+05	-3.048e+05	1.605e+05
3	3	396.00	-7531.73	887.09	2891.86	9.696e+04	-3.077e+05	1.220e+05
3	3	403.00	-6736.15	864.83	2141.14	-3.446e+04	-2.949e+05	3.843e+04
3	3	405.00	-6732.37	-351.29	1860.75	-7.357e+04	-3.362e+05	2.524e+04
3	13	0.0	-1.911e+04	-1.321e+04	437.08	-4.434e+06	-1.703e+05	-1.655e+04
3	13	42.50	-1.911e+04	-1.319e+04	437.08	-4.397e+06	-2.473e+05	-5.715e+04
3	13	43.38	-1.780e+04	-1.266e+04	586.16	-4.136e+06	-2.383e+05	-6.176e+04
3	13	44.25	-1.755e+04	-1.264e+04	470.75	-4.096e+06	-2.272e+05	-6.352e+04
3	13	45.12	-1.738e+04	-1.279e+04	458.60	-4.075e+06	-2.169e+05	-6.564e+04
3	13	46.00	-1.727e+04	-1.299e+04	445.30	-4.066e+06	-2.078e+05	-6.796e+04
3	13	46.88	-1.721e+04	-1.320e+04	431.20	-4.063e+06	-1.995e+05	-7.029e+04
3	13	47.75	-1.719e+04	-1.342e+04	417.33	-4.062e+06	-1.918e+05	-7.264e+04
3	13	48.62	-1.721e+04	-1.361e+04	402.96	-4.061e+06	-1.845e+05	-7.499e+04
3	13	49.50	-1.724e+04	-1.376e+04	390.87	-4.058e+06	-1.777e+05	-7.738e+04
3	13	50.38	-1.727e+04	-1.384e+04	377.70	-4.054e+06	-1.713e+05	-7.984e+04
3	13	51.25	-1.735e+04	-1.375e+04	369.77	-4.041e+06	-1.665e+05	-8.210e+04
3	13	52.12	-1.834e+04	-1.320e+04	371.55	-3.841e+06	-1.655e+05	-8.250e+04
3	13	85.00	-1.834e+04	-1.320e+04	371.55	-3.811e+06	-2.266e+05	-1.026e+05
3	13	86.75	-1.736e+04	-1.307e+04	452.66	-3.614e+06	-2.183e+05	-1.053e+05
3	13	88.50	-1.675e+04	-1.291e+04	418.44	-3.515e+06	-2.111e+05	-1.076e+05
3	13	90.25	-1.645e+04	-1.294e+04	390.81	-3.478e+06	-2.038e+05	-1.092e+05
3	13	92.00	-1.628e+04	-1.308e+04	374.31	-3.463e+06	-1.969e+05	-1.109e+05
3	13	93.75	-1.620e+04	-1.328e+04	364.30	-3.459e+06	-1.906e+05	-1.127e+05
3	13	95.50	-1.621e+04	-1.347e+04	354.86	-3.458e+06	-1.847e+05	-1.144e+05
3	13	97.25	-1.629e+04	-1.361e+04	345.85	-3.454e+06	-1.794e+05	-1.161e+05
3	13	99.00	-1.643e+04	-1.366e+04	335.32	-3.442e+06	-1.747e+05	-1.178e+05
3	13	100.75	-1.662e+04	-1.356e+04	331.25	-3.418e+06	-1.707e+05	-1.191e+05
3	13	102.50	-1.700e+04	-1.328e+04	357.86	-3.355e+06	-1.673e+05	-1.198e+05
3	13	104.25	-1.756e+04	-1.315e+04	395.38	-3.241e+06	-1.632e+05	-1.198e+05
3	13	127.50	-1.756e+04	-1.316e+04	395.38	-3.218e+06	-2.068e+05	-1.292e+05
3	13	130.12	-1.671e+04	-1.311e+04	396.29	-3.045e+06	-2.011e+05	-1.309e+05
3	13	132.75	-1.605e+04	-1.304e+04	366.38	-2.937e+06	-1.960e+05	-1.323e+05
3	13	135.38	-1.560e+04	-1.303e+04	348.39	-2.882e+06	-1.915e+05	-1.335e+05
3	13	138.00	-1.533e+04	-1.313e+04	337.20	-2.858e+06	-1.873e+05	-1.345e+05
3	13	140.62	-1.522e+04	-1.328e+04	331.01	-2.852e+06	-1.835e+05	-1.356e+05
3	13	143.25	-1.526e+04	-1.345e+04	325.23	-2.851e+06	-1.801e+05	-1.366e+05
3	13	145.88	-1.544e+04	-1.356e+04	318.44	-2.842e+06	-1.771e+05	-1.377e+05
3	13	148.50	-1.573e+04	-1.356e+04	309.88	-2.817e+06	-1.745e+05	-1.386e+05
3	13	151.12	-1.610e+04	-1.342e+04	303.49	-2.770e+06	-1.721e+05	-1.393e+05
3	13	153.75	-1.648e+04	-1.321e+04	290.99	-2.706e+06	-1.695e+05	-1.397e+05
3	13	156.38	-1.678e+04	-1.310e+04	283.49	-2.644e+06	-1.667e+05	-1.399e+05
3	13	170.00	-1.678e+04	-1.311e+04	283.49	-2.628e+06	-1.924e+05	-1.433e+05
3	13	173.50	-1.600e+04	-1.307e+04	236.05	-2.469e+06	-1.890e+05	-1.435e+05
3	13	177.00	-1.532e+04	-1.301e+04	195.65	-2.357e+06	-1.866e+05	-1.440e+05
3	13	180.50	-1.478e+04	-1.300e+04	190.18	-2.289e+06	-1.849e+05	-1.445e+05
3	13	184.00	-1.442e+04	-1.308e+04	190.97	-2.258e+06	-1.837e+05	-1.449e+05
3	13	187.50	-1.427e+04	-1.321e+04	188.33	-2.250e+06	-1.832e+05	-1.454e+05
3	13	191.00	-1.432e+04	-1.335e+04	188.50	-2.247e+06	-1.829e+05	-1.462e+05
3	13	194.50	-1.459e+04	-1.348e+04	186.89	-2.233e+06	-1.827e+05	-1.470e+05
3	13	198.00	-1.503e+04	-1.354e+04	176.80	-2.195e+06	-1.826e+05	-1.477e+05
3	13	201.50	-1.556e+04	-1.347e+04	149.60	-2.127e+06	-1.798e+05	-1.482e+05
3	13	205.00	-1.597e+04	-1.327e+04	99.62	-2.059e+06	-1.747e+05	-1.486e+05
3	13	208.50	-1.601e+04	-1.312e+04	32.06	-2.045e+06	-1.704e+05	-1.490e+05
3	13	212.50	-1.601e+04	-1.312e+04	32.06	-2.040e+06	-1.779e+05	-1.494e+05
3	13	216.88	-1.532e+04	-1.304e+04	-101.31	-1.897e+06	-1.755e+05	-1.492e+05
3	13	221.25	-1.462e+04	-1.295e+04	-107.58	-1.779e+06	-1.749e+05	-1.486e+05
3	13	225.62	-1.399e+04	-1.295e+04	-81.87	-1.700e+06	-1.754e+05	-1.476e+05
3	13	230.00	-1.359e+04	-1.298e+04	-81.46	-1.664e+06	-1.776e+05	-1.476e+05
3	13	234.38	-1.339e+04	-1.301e+04	-65.78	-1.652e+06	-1.798e+05	-1.483e+05
3	13	238.75	-1.339e+04	-1.309e+04	-53.66	-1.648e+06	-1.817e+05	-1.495e+05
3	13	243.12	-1.363e+04	-1.324e+04	-48.04	-1.634e+06	-1.831e+05	-1.507e+05
3	13	247.50	-1.417e+04	-1.345e+04	-42.91	-1.587e+06	-1.841e+05	-1.515e+05
3	13	251.88	-1.488e+04	-1.359e+04	-84.96	-1.496e+06	-1.872e+05	-1.521e+05
3	13	255.00	-1.530e+04	-1.356e+04	-140.25	-1.426e+06	-1.905e+05	-1.513e+05
3	13	256.25	-1.527e+04	-1.361e+04	-238.74	-1.352e+06	-1.898e+05	-1.523e+05
3	13	260.25	-1.491e+04	-1.309e+04	-629.06	-1.350e+06	-1.825e+05	-1.530e+05
3	13	260.62	-1.483e+04	-1.308e+04	-628.62	-1.340e+06	-1.814e+05	-1.520e+05

3	13	265.50	-1.399e+04	-1.307e+04	-445.07	-1.203e+06	-1.867e+05	-1.466e+05
3	13	270.75	-1.338e+04	-1.306e+04	-487.92	-1.122e+06	-1.970e+05	-1.475e+05
3	13	276.00	-1.300e+04	-1.287e+04	-426.89	-1.086e+06	-2.057e+05	-1.498e+05
3	13	281.25	-1.275e+04	-1.266e+04	-436.60	-1.069e+06	-2.138e+05	-1.523e+05
3	13	286.50	-1.261e+04	-1.252e+04	-440.53	-1.064e+06	-2.211e+05	-1.549e+05
3	13	291.75	-1.262e+04	-1.256e+04	-425.02	-1.058e+06	-2.276e+05	-1.576e+05
3	13	297.00	-1.296e+04	-1.293e+04	-450.33	-1.026e+06	-2.325e+05	-1.608e+05
3	13	297.50	-1.306e+04	-1.300e+04	-442.37	-1.016e+06	-2.331e+05	-1.609e+05
3	13	302.25	-1.346e+04	-1.432e+04	1596.57	-8.587e+05	-2.155e+05	-1.363e+05
3	13	303.62	-1.366e+04	-1.415e+04	2137.98	-7.978e+05	-2.535e+05	-1.750e+05
3	13	307.50	-1.329e+04	-1.453e+04	1883.32	-5.106e+05	-2.549e+05	-1.914e+05
3	13	309.75	-1.317e+04	-1.442e+04	1704.33	-5.225e+05	-2.634e+05	-2.061e+05
3	13	312.75	-1.299e+04	-1.438e+04	1682.95	-4.549e+05	-2.576e+05	-2.225e+05
3	13	315.88	-1.286e+04	-1.393e+04	1765.10	-4.326e+05	-2.627e+05	-2.313e+05
3	13	322.00	-1.244e+04	-1.297e+04	1681.15	-3.821e+05	-2.715e+05	-2.417e+05
3	13	328.12	-1.204e+04	-1.202e+04	1666.30	-3.491e+05	-2.798e+05	-2.492e+05
3	13	334.25	-1.164e+04	-1.113e+04	1669.42	-3.324e+05	-2.878e+05	-2.550e+05
3	13	340.00	-1.128e+04	-1.045e+04	1687.21	-3.315e+05	-2.950e+05	-2.589e+05
3	13	340.38	-1.072e+04	-1.070e+04	1567.30	-2.285e+05	-2.701e+05	-2.324e+05
3	13	346.50	-6877.90	-1.145e+04	-131.31	3.258e+05	-1.652e+05	-6.449e+04
3	13	347.00	-7173.04	-1.135e+04	-301.86	2.946e+05	-1.827e+05	-7.159e+04
3	13	352.62	-6408.46	-1.159e+04	-305.04	3.336e+05	-1.689e+05	-1.499e+04
3	13	354.00	-7215.08	-1.216e+04	188.53	3.268e+05	-1.946e+05	8893.42
3	13	358.75	-7474.50	-1.064e+04	1670.73	3.381e+05	-1.319e+05	-3.131e+04
3	13	361.00	-7660.10	-1.115e+04	2177.00	3.339e+05	-1.018e+05	4.869e+04
3	13	364.88	-8644.11	-1.122e+04	3134.84	4.349e+05	-1.713e+05	2.436e+04
3	13	368.00	-8487.43	-1.094e+04	3112.76	3.742e+05	-1.753e+05	3.294e+04
3	13	375.00	-8081.94	-1.014e+04	3053.72	2.490e+05	-1.845e+05	4.915e+04
3	13	382.00	-7637.21	-9160.67	2987.92	1.325e+05	-1.941e+05	6.080e+04
3	13	389.00	-7134.11	-7960.79	2920.45	2.507e+04	-2.039e+05	6.486e+04
3	13	396.00	-6525.73	-6457.16	2675.74	-7.345e+04	-2.137e+05	5.671e+04
3	13	403.00	-4343.01	-3783.62	2815.22	-1.016e+05	-2.137e+05	1.253e+04
3	13	405.00	-4200.83	-4375.82	2300.47	-1.215e+05	-2.580e+05	1.780e+04
3	16	0.0	-1.941e+04	1.165e+04	-4147.49	4.899e+06	6.739e+05	1.123e+04
3	16	42.50	-1.941e+04	1.168e+04	-4147.49	4.935e+06	5.923e+05	1.390e+04
3	16	43.38	-2.054e+04	1.113e+04	-4171.62	4.710e+06	5.802e+05	1.750e+04
3	16	44.25	-2.062e+04	1.112e+04	-4017.95	4.698e+06	5.660e+05	1.836e+04
3	16	45.12	-2.062e+04	1.127e+04	-4016.86	4.698e+06	5.525e+05	1.959e+04
3	16	46.00	-2.055e+04	1.147e+04	-4030.40	4.703e+06	5.400e+05	2.096e+04
3	16	46.88	-2.044e+04	1.169e+04	-4047.77	4.709e+06	5.282e+05	2.224e+04
3	16	47.75	-2.027e+04	1.190e+04	-4065.34	4.709e+06	5.170e+05	2.344e+04
3	16	48.62	-2.006e+04	1.209e+04	-4078.96	4.701e+06	5.061e+05	2.459e+04
3	16	49.50	-1.983e+04	1.223e+04	-4085.45	4.683e+06	4.956e+05	2.580e+04
3	16	50.38	-1.960e+04	1.229e+04	-4062.41	4.656e+06	4.857e+05	2.728e+04
3	16	51.25	-1.931e+04	1.218e+04	-3954.36	4.610e+06	4.777e+05	2.889e+04
3	16	52.12	-1.809e+04	1.165e+04	-3701.13	4.369e+06	4.739e+05	2.900e+04
3	16	85.00	-1.809e+04	1.165e+04	-3701.13	4.399e+06	4.127e+05	3.021e+04
3	16	86.75	-1.891e+04	1.152e+04	-3770.98	4.237e+06	3.980e+05	3.180e+04
3	16	88.50	-1.934e+04	1.136e+04	-3725.38	4.169e+06	3.843e+05	3.291e+04
3	16	90.25	-1.947e+04	1.139e+04	-3696.66	4.155e+06	3.705e+05	3.341e+04
3	16	92.00	-1.948e+04	1.154e+04	-3683.65	4.156e+06	3.569e+05	3.390e+04
3	16	93.75	-1.937e+04	1.174e+04	-3678.15	4.161e+06	3.438e+05	3.444e+04
3	16	95.50	-1.917e+04	1.193e+04	-3673.14	4.162e+06	3.312e+05	3.500e+04
3	16	97.25	-1.889e+04	1.207e+04	-3667.10	4.152e+06	3.191e+05	3.560e+04
3	16	99.00	-1.855e+04	1.211e+04	-3653.95	4.126e+06	3.076e+05	3.624e+04
3	16	100.75	-1.815e+04	1.201e+04	-3632.43	4.078e+06	2.970e+05	3.672e+04
3	16	102.50	-1.755e+04	1.174e+04	-3618.52	3.984e+06	2.872e+05	3.660e+04
3	16	104.25	-1.678e+04	1.161e+04	-3607.76	3.833e+06	2.768e+05	3.602e+04
3	16	127.50	-1.678e+04	1.160e+04	-3607.76	3.856e+06	2.339e+05	3.744e+04
3	16	130.12	-1.747e+04	1.155e+04	-3634.78	3.722e+06	2.185e+05	3.823e+04
3	16	132.75	-1.797e+04	1.147e+04	-3617.27	3.644e+06	2.036e+05	3.869e+04
3	16	135.38	-1.826e+04	1.147e+04	-3594.03	3.611e+06	1.891e+05	3.882e+04
3	16	138.00	-1.836e+04	1.158e+04	-3565.16	3.605e+06	1.749e+05	3.874e+04
3	16	140.62	-1.828e+04	1.175e+04	-3536.40	3.610e+06	1.610e+05	3.853e+04
3	16	143.25	-1.805e+04	1.191e+04	-3508.85	3.611e+06	1.476e+05	3.831e+04
3	16	145.88	-1.767e+04	1.203e+04	-3485.01	3.598e+06	1.348e+05	3.814e+04
3	16	148.50	-1.716e+04	1.203e+04	-3467.31	3.560e+06	1.224e+05	3.795e+04
3	16	151.12	-1.657e+04	1.188e+04	-3462.03	3.492e+06	1.103e+05	3.762e+04
3	16	153.75	-1.598e+04	1.167e+04	-3461.84	3.399e+06	9.819e+04	3.720e+04
3	16	156.38	-1.547e+04	1.156e+04	-3475.41	3.301e+06	8.584e+04	3.689e+04
3	16	170.00	-1.547e+04	1.154e+04	-3475.41	3.316e+06	6.077e+04	3.820e+04
3	16	173.50	-1.608e+04	1.149e+04	-3516.19	3.198e+06	4.452e+04	3.797e+04
3	16	177.00	-1.663e+04	1.144e+04	-3510.96	3.113e+06	2.875e+04	3.781e+04
3	16	180.50	-1.703e+04	1.146e+04	-3482.40	3.069e+06	1.331e+04	3.743e+04
3	16	184.00	-1.721e+04	1.155e+04	-3431.89	3.057e+06	-1582.25	3.651e+04
3	16	187.50	-1.716e+04	1.168e+04	-3372.42	3.061e+06	-1.556e+04	3.538e+04
3	16	191.00	-1.691e+04	1.182e+04	-3320.58	3.064e+06	-2.894e+04	3.437e+04

3	16	194.50	-1.643e+04	1.194e+04	-3279.08	3.048e+06	-4.193e+04	3.352e+04
3	16	198.00	-1.577e+04	1.200e+04	-3253.18	2.999e+06	-5.458e+04	3.278e+04
3	16	201.50	-1.502e+04	1.192e+04	-3250.42	2.912e+06	-6.980e+04	3.226e+04
3	16	205.00	-1.439e+04	1.172e+04	-3278.89	2.816e+06	-8.726e+04	3.224e+04
3	16	208.50	-1.414e+04	1.156e+04	-3317.75	2.771e+06	-1.040e+05	3.231e+04
3	16	212.50	-1.414e+04	1.155e+04	-3317.75	2.776e+06	-1.115e+05	3.302e+04
3	16	216.88	-1.468e+04	1.146e+04	-3454.26	2.674e+06	-1.294e+05	3.311e+04
3	16	221.25	-1.533e+04	1.143e+04	-3472.29	2.575e+06	-1.483e+05	3.246e+04
3	16	225.62	-1.578e+04	1.148e+04	-3400.72	2.524e+06	-1.662e+05	3.027e+04
3	16	230.00	-1.597e+04	1.149e+04	-3289.08	2.513e+06	-1.815e+05	2.735e+04
3	16	234.38	-1.596e+04	1.149e+04	-3205.49	2.517e+06	-1.959e+05	2.479e+04
3	16	238.75	-1.575e+04	1.153e+04	-3128.97	2.522e+06	-2.099e+05	2.283e+04
3	16	243.12	-1.531e+04	1.167e+04	-3056.96	2.508e+06	-2.238e+05	2.140e+04
3	16	247.50	-1.456e+04	1.188e+04	-3016.30	2.453e+06	-2.375e+05	2.019e+04
3	16	251.88	-1.361e+04	1.203e+04	-3012.84	2.344e+06	-2.486e+05	1.933e+04
3	16	255.00	-1.302e+04	1.198e+04	-3098.79	2.258e+06	-2.556e+05	1.987e+04
3	16	256.25	-1.284e+04	1.186e+04	-3186.74	2.208e+06	-2.603e+05	1.788e+04
3	16	260.25	-1.347e+04	1.189e+04	-3463.42	2.093e+06	-2.805e+05	1.135e+04
3	16	260.62	-1.351e+04	1.188e+04	-3463.30	2.087e+06	-2.825e+05	1.165e+04
3	16	265.50	-1.410e+04	1.201e+04	-3333.53	2.001e+06	-3.054e+05	6770.28
3	16	270.75	-1.442e+04	1.183e+04	-3016.51	1.969e+06	-3.187e+05	-811.19
3	16	276.00	-1.457e+04	1.148e+04	-2907.35	1.963e+06	-3.301e+05	-6832.90
3	16	281.25	-1.464e+04	1.113e+04	-2771.79	1.967e+06	-3.407e+05	-1.117e+04
3	16	286.50	-1.462e+04	1.089e+04	-2644.90	1.972e+06	-3.509e+05	-1.426e+04
3	16	291.75	-1.442e+04	1.087e+04	-2514.87	1.970e+06	-3.612e+05	-1.601e+04
3	16	297.00	-1.388e+04	1.123e+04	-2323.84	1.931e+06	-3.723e+05	-1.659e+04
3	16	297.50	-1.379e+04	1.127e+04	-2327.44	1.923e+06	-3.737e+05	-1.632e+04
3	16	302.25	-1.326e+04	1.085e+04	-1402.81	1.701e+06	-4.279e+05	-3.699e+04
3	16	303.62	-1.315e+04	1.123e+04	-1147.12	1.640e+06	-4.638e+05	-8.523e+04
3	16	307.50	-1.222e+04	1.122e+04	-576.30	1.513e+06	-4.468e+05	-1.176e+05
3	16	309.75	-1.258e+04	1.136e+04	-301.90	1.402e+06	-4.533e+05	-1.373e+05
3	16	312.75	-1.253e+04	1.095e+04	-425.07	1.413e+06	-4.600e+05	-1.614e+05
3	16	315.88	-1.266e+04	1.058e+04	-424.40	1.408e+06	-4.629e+05	-1.776e+05
3	16	322.00	-1.289e+04	9891.93	-274.96	1.406e+06	-4.690e+05	-2.048e+05
3	16	328.12	-1.311e+04	9288.93	-183.20	1.414e+06	-4.765e+05	-2.288e+05
3	16	334.25	-1.332e+04	8803.76	-54.75	1.430e+06	-4.841e+05	-2.504e+05
3	16	340.00	-1.348e+04	8531.43	154.67	1.452e+06	-4.906e+05	-2.690e+05
3	16	340.38	-1.305e+04	8216.75	153.24	1.535e+06	-4.563e+05	-2.334e+05
3	16	346.50	-1.119e+04	7089.87	117.65	1.769e+06	-2.714e+05	7.683e+04
3	16	347.00	-1.152e+04	7311.90	204.29	1.701e+06	-2.885e+05	8.088e+04
3	16	352.62	-9368.10	7471.32	747.79	1.677e+06	-2.702e+05	1.681e+05
3	16	354.00	-9583.55	7186.67	884.11	1.627e+06	-2.954e+05	1.976e+05
3	16	358.75	-8426.52	9742.86	1845.96	1.376e+06	-2.553e+05	1.465e+05
3	16	361.00	-7701.47	1.044e+04	2512.09	1.214e+06	-2.387e+05	2.170e+05
3	16	364.88	-7154.04	1.228e+04	3640.30	1.033e+06	-2.949e+05	2.155e+05
3	16	368.00	-7195.17	1.192e+04	3582.61	9.565e+05	-2.987e+05	2.202e+05
3	16	375.00	-7341.61	1.087e+04	3487.89	7.799e+05	-3.068e+05	2.223e+05
3	16	382.00	-7555.01	9575.75	3373.06	5.993e+05	-3.141e+05	2.128e+05
3	16	389.00	-7870.38	8004.95	3181.49	4.117e+05	-3.203e+05	1.903e+05
3	16	396.00	-8279.61	6086.36	3002.90	2.172e+05	-3.227e+05	1.451e+05
3	16	403.00	-8427.70	4206.28	2031.33	1.426e+04	-3.081e+05	5.295e+04
3	16	405.00	-8530.63	2573.28	1813.67	-3.877e+04	-3.497e+05	3.757e+04
3	35	0.0	-1.930e+04	179.25	-2668.11	5.810e+05	3.840e+05	633.19
3	35	42.50	-1.930e+04	200.65	-2668.11	6.176e+05	3.041e+05	-1.343e+04
3	35	43.38	-1.931e+04	153.32	-2641.67	6.162e+05	2.995e+05	-1.293e+04
3	35	44.25	-1.924e+04	157.62	-2573.82	6.277e+05	2.943e+05	-1.307e+04
3	35	45.12	-1.916e+04	170.98	-2575.76	6.377e+05	2.891e+05	-1.311e+04
3	35	46.00	-1.907e+04	187.60	-2588.20	6.451e+05	2.841e+05	-1.313e+04
3	35	46.88	-1.898e+04	204.89	-2603.48	6.493e+05	2.793e+05	-1.322e+04
3	35	47.75	-1.888e+04	220.64	-2618.93	6.497e+05	2.747e+05	-1.337e+04
3	35	48.62	-1.877e+04	232.82	-2631.99	6.459e+05	2.700e+05	-1.358e+04
3	35	49.50	-1.866e+04	239.21	-2639.48	6.377e+05	2.658e+05	-1.376e+04
3	35	50.38	-1.855e+04	236.05	-2627.57	6.248e+05	2.620e+05	-1.380e+04
3	35	51.25	-1.843e+04	212.72	-2552.19	6.062e+05	2.585e+05	-1.368e+04
3	35	52.12	-1.824e+04	183.35	-2413.20	5.690e+05	2.558e+05	-1.394e+04
3	35	55.00	-1.824e+04	187.22	-2413.20	5.991e+05	1.946e+05	-2.046e+04
3	35	86.75	-1.823e+04	176.20	-2420.63	6.023e+05	1.880e+05	-2.044e+04
3	35	88.50	-1.818e+04	163.27	-2401.65	6.108e+05	1.817e+05	-2.056e+04
3	35	90.25	-1.812e+04	168.78	-2390.55	6.202e+05	1.753e+05	-2.089e+04
3	35	92.00	-1.803e+04	183.17	-2386.02	6.278e+05	1.692e+05	-2.125e+04
3	35	93.75	-1.794e+04	200.41	-2384.38	6.325e+05	1.635e+05	-2.160e+04
3	35	95.50	-1.783e+04	215.87	-2382.88	6.334e+05	1.578e+05	-2.194e+04
3	35	97.25	-1.772e+04	225.59	-2380.61	6.299e+05	1.522e+05	-2.225e+04
3	35	99.00	-1.760e+04	225.90	-2374.27	6.213e+05	1.463e+05	-2.251e+04
3	35	100.75	-1.747e+04	214.28	-2359.93	6.071e+05	1.404e+05	-2.277e+04
3	35	102.50	-1.732e+04	194.81	-2340.94	5.854e+05	1.347e+05	-2.320e+04
3	35	104.25	-1.717e+04	184.65	-2324.62	5.572e+05	1.288e+05	-2.367e+04

3	35	127.50	-1.717e+04	175.59	-2324.62	5.802e+05	8.568e+04	-2.623e+04
3	35	130.12	-1.715e+04	171.52	-2341.73	5.868e+05	7.814e+04	-2.634e+04
3	35	132.75	-1.712e+04	167.80	-2339.51	5.943e+05	7.065e+04	-2.658e+04
3	35	135.38	-1.707e+04	172.97	-2328.87	6.025e+05	6.321e+04	-2.694e+04
3	35	138.00	-1.699e+04	186.27	-2311.85	6.101e+05	5.542e+04	-2.740e+04
3	35	140.62	-1.690e+04	201.71	-2293.06	6.154e+05	4.738e+04	-2.794e+04
3	35	143.25	-1.679e+04	215.09	-2274.91	6.171e+05	3.951e+04	-2.850e+04
3	35	145.88	-1.666e+04	223.00	-2259.58	6.140e+05	3.181e+04	-2.903e+04
3	35	148.50	-1.653e+04	221.96	-2248.45	6.051e+05	2.429e+04	-2.953e+04
3	35	151.12	-1.638e+04	209.72	-2245.39	5.900e+05	1.690e+04	-3.002e+04
3	35	153.75	-1.624e+04	192.19	-2247.97	5.696e+05	9482.55	-3.049e+04
3	35	156.38	-1.610e+04	181.81	-2259.01	5.462e+05	2005.45	-3.084e+04
3	35	170.00	-1.611e+04	168.88	-2259.01	5.614e+05	-2.327e+04	-3.122e+04
3	35	173.50	-1.608e+04	163.49	-2302.57	5.699e+05	-3.292e+04	-3.144e+04
3	35	177.00	-1.606e+04	166.10	-2311.07	5.762e+05	-4.261e+04	-3.173e+04
3	35	180.50	-1.602e+04	179.05	-2292.33	5.838e+05	-5.229e+04	-3.215e+04
3	35	184.00	-1.595e+04	191.41	-2256.52	5.921e+05	-6.180e+04	-3.290e+04
3	35	187.50	-1.586e+04	199.86	-2215.75	5.985e+05	-7.095e+04	-3.384e+04
3	35	191.00	-1.574e+04	207.11	-2179.09	6.011e+05	-7.980e+04	-3.477e+04
3	35	194.50	-1.561e+04	214.02	-2149.72	5.987e+05	-8.958e+04	-3.562e+04
3	35	198.00	-1.545e+04	217.31	-2134.25	5.900e+05	-1.001e+05	-3.633e+04
3	35	201.50	-1.529e+04	211.64	-2140.09	5.743e+05	-1.102e+05	-3.688e+04
3	35	205.00	-1.514e+04	191.62	-2175.01	5.545e+05	-1.201e+05	-3.708e+04
3	35	208.50	-1.503e+04	176.11	-2223.46	5.368e+05	-1.297e+05	-3.724e+04
3	35	212.50	-1.503e+04	170.92	-2223.46	5.419e+05	-1.372e+05	-3.690e+04
3	35	216.88	-1.501e+04	166.92	-2357.78	5.515e+05	-1.481e+05	-3.661e+04
3	35	221.25	-1.503e+04	193.84	-2371.08	5.528e+05	-1.603e+05	-3.649e+04
3	35	225.62	-1.498e+04	214.61	-2312.40	5.629e+05	-1.722e+05	-3.741e+04
3	35	230.00	-1.489e+04	203.46	-2235.06	5.737e+05	-1.830e+05	-3.926e+04
3	35	234.38	-1.480e+04	185.21	-2171.46	5.817e+05	-1.933e+05	-4.113e+04
3	35	238.75	-1.469e+04	174.56	-2112.99	5.859e+05	-2.032e+05	-4.274e+04
3	35	243.12	-1.456e+04	178.70	-2059.83	5.850e+05	-2.116e+05	-4.403e+04
3	35	247.50	-1.440e+04	197.38	-2027.29	5.772e+05	-2.191e+05	-4.502e+04
3	35	251.88	-1.422e+04	216.13	-2034.75	5.604e+05	-2.267e+05	-4.574e+04
3	35	255.00	-1.410e+04	206.45	-2104.43	5.463e+05	-2.326e+05	-4.509e+04
3	35	256.25	-1.399e+04	123.43	-2193.06	5.529e+05	-2.355e+05	-4.676e+04
3	35	260.25	-1.417e+04	387.78	-2505.26	4.908e+05	-2.462e+05	-5.148e+04
3	35	260.62	-1.415e+04	386.71	-2504.77	4.931e+05	-2.472e+05	-5.095e+04
3	35	265.50	-1.406e+04	448.33	-2354.79	5.120e+05	-2.639e+05	-5.229e+04
3	35	270.75	-1.395e+04	345.20	-2159.93	5.324e+05	-2.761e+05	-5.779e+04
3	35	276.00	-1.386e+04	236.97	-2063.09	5.462e+05	-2.865e+05	-6.241e+04
3	35	281.25	-1.378e+04	150.57	-1984.33	5.555e+05	-2.962e+05	-6.601e+04
3	35	286.50	-1.371e+04	90.35	-1909.53	5.613e+05	-3.055e+05	-6.879e+04
3	35	291.75	-1.361e+04	63.71	-1824.92	5.625e+05	-3.145e+05	-7.076e+04
3	35	297.00	-1.347e+04	94.37	-1707.94	5.558e+05	-3.234e+05	-7.210e+04
3	35	297.50	-1.347e+04	84.72	-1707.48	5.564e+05	-3.245e+05	-7.191e+04
3	35	302.25	-1.349e+04	-743.65	-387.98	4.819e+05	-3.538e+05	-7.687e+04
3	35	303.62	-1.356e+04	-466.53	-31.15	4.709e+05	-3.906e+05	-1.217e+05
3	35	307.50	-1.290e+04	-668.28	252.28	5.389e+05	-3.807e+05	-1.486e+05
3	35	309.75	-1.302e+04	-525.68	370.02	4.732e+05	-3.883e+05	-1.668e+05
3	35	312.75	-1.290e+04	-699.18	281.90	5.082e+05	-3.908e+05	-1.883e+05
3	35	315.88	-1.292e+04	-682.11	309.45	5.150e+05	-3.945e+05	-2.021e+05
3	35	322.00	-1.285e+04	-603.32	373.36	5.372e+05	-4.015e+05	-2.235e+05
3	35	328.12	-1.279e+04	-480.71	435.49	5.565e+05	-4.092e+05	-2.417e+05
3	35	334.25	-1.272e+04	-331.03	527.95	5.732e+05	-4.169e+05	-2.579e+05
3	35	340.00	-1.264e+04	-156.07	676.45	5.852e+05	-4.236e+05	-2.713e+05
3	35	340.38	-1.214e+04	-442.52	633.69	6.799e+05	-3.927e+05	-2.387e+05
3	35	346.50	-9177.22	-1407.58	19.13	1.101e+06	-2.359e+05	2.297e+04
3	35	347.00	-9473.97	-1241.56	15.07	1.054e+06	-2.531e+05	2.314e+04
3	35	352.62	-7970.53	-1240.15	364.86	1.057e+06	-2.358e+05	9.994e+04
3	35	354.00	-8459.34	-1644.01	629.95	1.027e+06	-2.612e+05	1.276e+05
3	35	358.75	-7949.91	474.90	1787.70	8.954e+05	-2.140e+05	8.168e+04
3	35	361.00	-7650.69	585.63	2392.46	8.071e+05	-1.935e+05	1.560e+05
3	35	364.88	-7819.59	1498.36	3449.91	7.578e+05	-2.557e+05	1.453e+05
3	35	368.00	-7770.35	1431.22	3404.64	6.885e+05	-2.595e+05	1.514e+05
3	35	375.00	-7663.79	1226.17	3321.42	5.358e+05	-2.676e+05	1.585e+05
3	35	382.00	-7575.70	979.58	3222.46	3.849e+05	-2.754e+05	1.565e+05
3	35	389.00	-7516.89	678.87	3073.87	2.343e+05	-2.825e+05	1.433e+05
3	35	396.00	-7462.90	326.16	2864.91	8.385e+04	-2.871e+05	1.110e+05
3	35	403.00	-6551.50	522.87	2288.91	-3.925e+04	-2.771e+05	3.548e+04
3	35	405.00	-6539.85	-639.18	1963.42	-7.699e+04	-3.193e+05	2.655e+04
3	45	0.0	-1.919e+04	-6688.80	-762.37	-1.984e+06	5.042e+04	-9272.04
3	45	42.50	-1.919e+04	-6667.40	-762.37	-1.948e+06	-2.774e+04	-3.854e+04
3	45	43.38	-1.852e+04	-6415.36	-658.45	-1.814e+06	-2.425e+04	-4.100e+04
3	45	44.25	-1.836e+04	-6408.17	-703.58	-1.788e+06	-1.977e+04	-4.207e+04
3	45	45.12	-1.823e+04	-6476.74	-712.27	-1.772e+06	-1.574e+04	-4.331e+04
3	45	46.00	-1.813e+04	-6569.68	-725.63	-1.764e+06	-1.229e+04	-4.467e+04

3	45	46.88	-1.805e+04	-6671.79	-740.59	-1.760e+06	-9220.85	-4.606e+04
3	45	47.75	-1.800e+04	-6773.42	-755.42	-1.760e+06	-6450.88	-4.747e+04
3	45	48.62	-1.796e+04	-6865.75	-769.59	-1.761e+06	-3916.37	-4.891e+04
3	45	49.50	-1.792e+04	-6939.35	-780.22	-1.764e+06	-1607.43	-5.036e+04
3	45	50.38	-1.788e+04	-6980.82	-783.93	-1.768e+06	445.59	-5.179e+04
3	45	51.25	-1.786e+04	-6948.49	-761.56	-1.770e+06	1915.81	-5.304e+04
3	45	52.12	-1.827e+04	-6679.73	-694.41	-1.686e+06	1675.23	-5.330e+04
3	45	85.00	-1.827e+04	-6675.87	-694.41	-1.656e+06	-5.943e+04	-6.782e+04
3	45	86.75	-1.777e+04	-6618.10	-652.93	-1.553e+06	-5.718e+04	-6.943e+04
3	45	88.50	-1.743e+04	-6543.14	-666.28	-1.498e+06	-5.541e+04	-7.078e+04
3	45	90.25	-1.725e+04	-6557.07	-679.18	-1.475e+06	-5.368e+04	-7.188e+04
3	45	92.00	-1.712e+04	-6623.04	-687.95	-1.464e+06	-5.212e+04	-7.300e+04
3	45	93.75	-1.703e+04	-6713.26	-693.91	-1.459e+06	-5.084e+04	-7.415e+04
3	45	95.50	-1.699e+04	-6804.12	-699.56	-1.458e+06	-4.984e+04	-7.529e+04
3	45	97.25	-1.698e+04	-6872.49	-704.62	-1.458e+06	-4.908e+04	-7.640e+04
3	45	99.00	-1.699e+04	-6895.05	-708.93	-1.456e+06	-4.857e+04	-7.744e+04
3	45	100.75	-1.702e+04	-6848.85	-706.28	-1.450e+06	-4.840e+04	-7.833e+04
3	45	102.50	-1.715e+04	-6717.72	-682.93	-1.429e+06	-4.847e+04	-7.888e+04
3	45	104.25	-1.736e+04	-6652.85	-652.08	-1.384e+06	-4.819e+04	-7.897e+04
3	45	127.50	-1.736e+04	-6661.91	-652.08	-1.361e+06	-9.160e+04	-8.558e+04
3	45	130.12	-1.691e+04	-6641.22	-658.43	-1.269e+06	-9.139e+04	-8.664e+04
3	45	132.75	-1.656e+04	-6605.34	-675.92	-1.210e+06	-9.151e+04	-8.758e+04
3	45	135.38	-1.630e+04	-6600.09	-683.12	-1.177e+06	-9.197e+04	-8.840e+04
3	45	138.00	-1.613e+04	-6643.19	-683.82	-1.162e+06	-9.261e+04	-8.918e+04
3	45	140.62	-1.603e+04	-6716.42	-680.87	-1.156e+06	-9.341e+04	-9.000e+04
3	45	143.25	-1.599e+04	-6794.01	-677.92	-1.155e+06	-9.441e+04	-9.085e+04
3	45	145.88	-1.602e+04	-6847.76	-676.68	-1.152e+06	-9.558e+04	-9.168e+04
3	45	148.50	-1.611e+04	-6849.18	-678.34	-1.143e+06	-9.690e+04	-9.242e+04
3	45	151.12	-1.623e+04	-6782.00	-681.63	-1.126e+06	-9.827e+04	-9.299e+04
3	45	153.75	-1.635e+04	-6683.99	-690.77	-1.104e+06	-9.952e+04	-9.337e+04
3	45	156.38	-1.644e+04	-6630.26	-699.75	-1.083e+06	-1.006e+05	-9.363e+04
3	45	170.00	-1.644e+04	-6643.20	-699.75	-1.068e+06	-1.262e+05	-9.581e+04
3	45	173.50	-1.602e+04	-6625.54	-745.42	-9.812e+05	-1.279e+05	-9.602e+04
3	45	177.00	-1.567e+04	-6592.91	-773.88	-9.207e+05	-1.303e+05	-9.642e+04
3	45	180.50	-1.537e+04	-6585.62	-770.44	-8.825e+05	-1.330e+05	-9.686e+04
3	45	184.00	-1.516e+04	-6618.10	-756.66	-8.628e+05	-1.360e+05	-9.740e+04
3	45	187.50	-1.503e+04	-6677.45	-743.07	-8.554e+05	-1.393e+05	-9.811e+04
3	45	191.00	-1.500e+04	-6747.96	-729.40	-8.527e+05	-1.426e+05	-9.896e+04
3	45	194.50	-1.508e+04	-6811.20	-719.73	-8.469e+05	-1.458e+05	-9.978e+04
3	45	198.00	-1.523e+04	-6838.72	-720.38	-8.314e+05	-1.490e+05	-1.005e+05
3	45	201.50	-1.542e+04	-6805.02	-739.73	-8.045e+05	-1.509e+05	-1.010e+05
3	45	205.00	-1.555e+04	-6714.16	-784.05	-7.789e+05	-1.518e+05	-1.013e+05
3	45	208.50	-1.552e+04	-6644.06	-844.14	-7.811e+05	-1.530e+05	-1.016e+05
3	45	212.50	-1.552e+04	-6649.24	-844.14	-7.760e+05	-1.605e+05	-1.017e+05
3	45	216.88	-1.515e+04	-6608.91	-978.35	-6.968e+05	-1.635e+05	-1.015e+05
3	45	221.25	-1.480e+04	-6551.82	-987.69	-6.361e+05	-1.680e+05	-1.012e+05
3	45	225.62	-1.446e+04	-6541.92	-950.01	-5.911e+05	-1.731e+05	-1.010e+05
3	45	230.00	-1.421e+04	-6558.70	-920.62	-5.675e+05	-1.788e+05	-1.018e+05
3	45	234.38	-1.407e+04	-6581.87	-887.26	-5.576e+05	-1.842e+05	-1.030e+05
3	45	238.75	-1.401e+04	-6626.44	-858.40	-5.534e+05	-1.892e+05	-1.044e+05
3	45	243.12	-1.407e+04	-6706.20	-835.52	-5.468e+05	-1.939e+05	-1.056e+05
3	45	247.50	-1.427e+04	-6805.28	-821.13	-5.262e+05	-1.983e+05	-1.066e+05
3	45	251.88	-1.455e+04	-6865.84	-851.31	-4.878e+05	-2.035e+05	-1.072e+05
3	45	255.00	-1.471e+04	-6859.45	-914.67	-4.589e+05	-2.078e+05	-1.065e+05
3	45	256.25	-1.464e+04	-6927.94	-1010.43	-4.176e+05	-2.085e+05	-1.078e+05
3	45	260.25	-1.453e+04	-6536.66	-1371.38	-4.463e+05	-2.083e+05	-1.100e+05
3	45	260.62	-1.448e+04	-6529.69	-1371.06	-4.400e+05	-2.081e+05	-1.091e+05
3	45	265.50	-1.402e+04	-6486.58	-1201.61	-3.613e+05	-2.179e+05	-1.064e+05
3	45	270.75	-1.365e+04	-6528.97	-1150.32	-3.106e+05	-2.290e+05	-1.091e+05
3	45	276.00	-1.342e+04	-6483.84	-1076.81	-2.852e+05	-2.384e+05	-1.123e+05
3	45	281.25	-1.325e+04	-6415.29	-1048.25	-2.721e+05	-2.471e+05	-1.154e+05
3	45	286.50	-1.314e+04	-6374.73	-1017.68	-2.663e+05	-2.552e+05	-1.181e+05
3	45	291.75	-1.309e+04	-6414.06	-971.96	-2.628e+05	-2.627e+05	-1.205e+05
3	45	297.00	-1.320e+04	-6589.59	-940.61	-2.497e+05	-2.691e+05	-1.231e+05
3	45	297.50	-1.325e+04	-6632.30	-935.68	-2.439e+05	-2.699e+05	-1.230e+05
3	45	302.25	-1.341e+04	-7716.32	811.87	-1.864e+05	-2.711e+05	-1.103e+05
3	45	303.62	-1.352e+04	-7491.59	1278.58	-1.574e+05	-3.085e+05	-1.515e+05
3	45	307.50	-1.301e+04	-7775.28	1239.74	2.118e+04	-3.051e+05	-1.721e+05
3	45	309.75	-1.302e+04	-7657.15	1179.26	-1.675e+04	-3.131e+05	-1.881e+05
3	45	312.75	-1.287e+04	-7737.37	1131.14	3.611e+04	-3.105e+05	-2.065e+05
3	45	315.88	-1.281e+04	-7497.69	1191.93	5.100e+04	-3.151e+05	-2.172e+05
3	45	322.00	-1.256e+04	-6972.48	1169.25	8.784e+04	-3.232e+05	-2.320e+05
3	45	328.12	-1.232e+04	-6425.86	1182.17	1.142e+05	-3.312e+05	-2.438e+05
3	45	334.25	-1.208e+04	-5903.67	1217.96	1.309e+05	-3.391e+05	-2.538e+05
3	45	340.00	-1.185e+04	-5466.92	1285.77	1.372e+05	-3.462e+05	-2.615e+05
3	45	340.38	-1.133e+04	-5735.12	1196.83	2.349e+05	-3.188e+05	-2.326e+05
3	45	346.50	-8012.14	-6584.44	-66.82	7.047e+05	-1.930e+05	-2.750e+04

3	45	347.00	-8316.09	-6452.41	-170.11	6.638e+05	-2.104e+05	-3.168e+04
3	45	352.62	-7187.72	-6592.83	-30.24	6.863e+05	-1.954e+05	3.293e+04
3	45	354.00	-7838.66	-7088.43	369.79	6.683e+05	-2.209e+05	5.827e+04
3	45	358.75	-7724.70	-5291.16	1715.50	6.104e+05	-1.642e+05	1.522e+04
3	45	361.00	-7671.33	-5487.91	2263.91	5.648e+05	-1.376e+05	9.272e+04
3	45	364.88	-8253.46	-5054.39	3266.85	5.919e+05	-2.036e+05	7.435e+04
3	45	368.00	-8148.68	-4940.63	3235.46	5.270e+05	-2.076e+05	8.194e+04
3	45	375.00	-7887.98	-4632.35	3167.08	3.883e+05	-2.165e+05	9.446e+04
3	45	382.00	-7615.90	-4245.53	3088.45	2.550e+05	-2.255e+05	1.006e+05
3	45	389.00	-7327.48	-3772.51	2988.53	1.265e+05	-2.344e+05	9.769e+04
3	45	396.00	-6985.97	-3166.58	2760.93	2825.11	-2.422e+05	7.985e+04
3	45	403.00	-5414.39	-1687.32	2609.93	-7.118e+04	-2.384e+05	2.313e+04
3	45	405.00	-5336.89	-2552.40	2173.06	-9.980e+04	-2.819e+05	2.301e+04
3	48	0.0	-1.933e+04	5129.35	-2948.04	2.449e+06	4.531e+05	3959.41
3	48	42.50	-1.933e+04	5150.74	-2948.04	2.486e+06	3.727e+05	-4707.77
3	48	43.38	-1.982e+04	4886.53	-2927.01	2.388e+06	3.661e+05	-3260.84
3	48	44.25	-1.981e+04	4886.25	-2843.63	2.390e+06	3.586e+05	-3083.77
3	48	45.12	-1.977e+04	4957.27	-2845.99	2.395e+06	3.513e+05	-2734.62
3	48	46.00	-1.969e+04	5052.36	-2859.47	2.402e+06	3.444e+05	-2332.85
3	48	46.88	-1.959e+04	5156.05	-2875.99	2.406e+06	3.379e+05	-1996.42
3	48	47.75	-1.946e+04	5257.35	-2892.59	2.407e+06	3.316e+05	-1725.62
3	48	48.62	-1.931e+04	5346.16	-2906.41	2.401e+06	3.255e+05	-1492.45
3	48	49.50	-1.915e+04	5411.68	-2914.36	2.389e+06	3.196e+05	-1226.92
3	48	50.38	-1.899e+04	5437.49	-2900.77	2.370e+06	3.139e+05	-778.58
3	48	51.25	-1.879e+04	5374.57	-2823.03	2.340e+06	3.093e+05	-182.03
3	48	52.12	-1.816e+04	5127.61	-2635.17	2.214e+06	3.067e+05	-201.75
3	48	85.00	-1.816e+04	5131.48	-2635.17	2.244e+06	2.455e+05	-4557.34
3	48	86.75	-1.850e+04	5069.81	-2665.39	2.177e+06	2.368e+05	-4100.92
3	48	88.50	-1.866e+04	4990.49	-2640.66	2.152e+06	2.286e+05	-3861.91
3	48	90.25	-1.868e+04	5007.29	-2626.67	2.151e+06	2.203e+05	-3928.01
3	48	92.00	-1.864e+04	5078.37	-2621.38	2.156e+06	2.121e+05	-4009.56
3	48	93.75	-1.854e+04	5173.30	-2619.95	2.161e+06	2.041e+05	-4066.67
3	48	95.50	-1.840e+04	5266.55	-2618.72	2.162e+06	1.963e+05	-4111.11
3	48	97.25	-1.821e+04	5334.09	-2616.63	2.156e+06	1.888e+05	-4118.53
3	48	99.00	-1.799e+04	5352.51	-2609.69	2.139e+06	1.815e+05	-4072.35
3	48	100.75	-1.774e+04	5300.69	-2594.90	2.111e+06	1.747e+05	-4075.95
3	48	102.50	-1.740e+04	5173.85	-2577.73	2.058e+06	1.684e+05	-4350.61
3	48	104.25	-1.699e+04	5110.27	-2560.30	1.976e+06	1.618e+05	-4761.35
3	48	127.50	-1.699e+04	5101.21	-2560.30	1.999e+06	1.187e+05	-6179.50
3	48	130.12	-1.727e+04	5077.17	-2580.06	1.946e+06	1.088e+05	-6039.36
3	48	132.75	-1.746e+04	5040.89	-2574.97	1.917e+06	9.911e+04	-6078.65
3	48	135.38	-1.756e+04	5043.43	-2562.52	1.907e+06	8.961e+04	-6280.77
3	48	138.00	-1.756e+04	5097.30	-2544.13	1.909e+06	8.018e+04	-6615.21
3	48	140.62	-1.748e+04	5178.13	-2524.52	1.913e+06	7.092e+04	-7035.14
3	48	143.25	-1.732e+04	5258.72	-2505.70	1.915e+06	6.193e+04	-7474.24
3	48	145.88	-1.708e+04	5312.37	-2489.89	1.908e+06	5.320e+04	-7882.95
3	48	148.50	-1.679e+04	5312.35	-2479.09	1.886e+06	4.475e+04	-8267.58
3	48	151.12	-1.645e+04	5243.59	-2476.91	1.848e+06	3.648e+04	-8680.01
3	48	153.75	-1.611e+04	5143.45	-2480.08	1.797e+06	2.817e+04	-9090.37
3	48	156.38	-1.581e+04	5087.63	-2492.17	1.740e+06	1.978e+04	-9376.42
3	48	170.00	-1.581e+04	5074.69	-2492.17	1.756e+06	-5455.42	-9308.36
3	48	173.50	-1.606e+04	5048.54	-2534.72	1.710e+06	-1.658e+04	-9525.41
3	48	177.00	-1.629e+04	5024.19	-2541.43	1.678e+06	-2.761e+04	-9773.44
3	48	180.50	-1.644e+04	5040.95	-2521.77	1.662e+06	-3.857e+04	-1.017e+04
3	48	184.00	-1.647e+04	5089.46	-2484.26	1.662e+06	-4.926e+04	-1.096e+04
3	48	187.50	-1.640e+04	5150.34	-2441.02	1.667e+06	-5.944e+04	-1.194e+04
3	48	191.00	-1.623e+04	5215.14	-2402.68	1.670e+06	-6.927e+04	-1.289e+04
3	48	194.50	-1.595e+04	5272.39	-2372.46	1.662e+06	-7.883e+04	-1.373e+04
3	48	198.00	-1.558e+04	5297.19	-2355.99	1.635e+06	-8.816e+04	-1.445e+04
3	48	201.50	-1.516e+04	5260.98	-2361.10	1.589e+06	-9.865e+04	-1.498e+04
3	48	205.00	-1.480e+04	5160.34	-2395.23	1.536e+06	-1.102e+05	-1.510e+04
3	48	208.50	-1.463e+04	5081.80	-2441.54	1.506e+06	-1.214e+05	-1.515e+04
3	48	212.50	-1.463e+04	5076.61	-2441.54	1.511e+06	-1.289e+05	-1.472e+04
3	48	216.88	-1.485e+04	5031.42	-2577.22	1.474e+06	-1.414e+05	-1.461e+04
3	48	221.25	-1.514e+04	5031.97	-2592.18	1.432e+06	-1.552e+05	-1.492e+04
3	48	225.62	-1.531e+04	5070.29	-2532.58	1.415e+06	-1.685e+05	-1.627e+04
3	48	230.00	-1.535e+04	5072.29	-2449.92	1.416e+06	-1.804e+05	-1.843e+04
3	48	234.38	-1.528e+04	5061.20	-2384.01	1.423e+06	-1.916e+05	-2.052e+04
3	48	238.75	-1.513e+04	5074.04	-2324.23	1.427e+06	-2.023e+05	-2.227e+04
3	48	243.12	-1.487e+04	5134.45	-2269.48	1.421e+06	-2.129e+05	-2.365e+04
3	48	247.50	-1.446e+04	5233.24	-2238.08	1.392e+06	-2.233e+05	-2.476e+04
3	48	251.88	-1.394e+04	5308.94	-2246.49	1.336e+06	-2.323e+05	-2.555e+04
3	48	255.00	-1.362e+04	5279.64	-2324.38	1.291e+06	-2.383e+05	-2.494e+04
3	48	256.25	-1.348e+04	5179.23	-2415.04	1.273e+06	-2.416e+05	-2.668e+04
3	48	260.25	-1.385e+04	5338.55	-2721.09	1.188e+06	-2.547e+05	-3.168e+04
3	48	260.62	-1.386e+04	5333.12	-2720.86	1.187e+06	-2.559e+05	-3.120e+04
3	48	265.50	-1.407e+04	5428.83	-2576.99	1.159e+06	-2.742e+05	-3.339e+04

3	48	270.75	-1.414e+04	5301.10	-2354.12	1.157e+06	-2.867e+05	-3.924e+04
3	48	276.00	-1.416e+04	5086.94	-2257.44	1.163e+06	-2.974e+05	-4.427e+04
3	48	281.25	-1.415e+04	4887.13	-2160.14	1.169e+06	-3.073e+05	-4.814e+04
3	48	286.50	-1.409e+04	4749.07	-2067.75	1.175e+06	-3.169e+05	-5.109e+04
3	48	291.75	-1.395e+04	4723.08	-1967.93	1.175e+06	-3.262e+05	-5.310e+04
3	48	297.00	-1.364e+04	4888.63	-1833.56	1.154e+06	-3.356e+05	-5.436e+04
3	48	297.50	-1.360e+04	4901.79	-1834.13	1.151e+06	-3.369e+05	-5.416e+04
3	48	302.25	-1.331e+04	4247.48	-618.11	1.029e+06	-3.723e+05	-6.300e+04
3	48	303.62	-1.328e+04	4569.31	-287.72	9.995e+05	-4.087e+05	-1.087e+05
3	48	307.50	-1.250e+04	4460.03	67.28	9.815e+05	-3.966e+05	-1.369e+05
3	48	309.75	-1.273e+04	4593.23	223.17	8.964e+05	-4.036e+05	-1.553e+05
3	48	312.75	-1.265e+04	4299.96	126.74	9.224e+05	-4.070e+05	-1.774e+05
3	48	315.88	-1.271e+04	4150.31	148.77	9.239e+05	-4.105e+05	-1.917e+05
3	48	322.00	-1.277e+04	3893.48	236.94	9.360e+05	-4.173e+05	-2.145e+05
3	48	328.12	-1.283e+04	3699.58	300.93	9.504e+05	-4.250e+05	-2.342e+05
3	48	334.25	-1.288e+04	3572.85	396.71	9.671e+05	-4.327e+05	-2.517e+05
3	48	340.00	-1.290e+04	3552.79	556.11	9.829e+05	-4.394e+05	-2.664e+05
3	48	340.38	-1.243e+04	3254.63	523.71	1.071e+06	-4.076e+05	-2.332e+05
3	48	346.50	-1.006e+04	2226.21	53.16	1.390e+06	-2.436e+05	3.984e+04
3	48	347.00	-1.038e+04	2416.23	72.54	1.332e+06	-2.608e+05	4.098e+04
3	48	352.62	-8588.85	2469.65	472.98	1.324e+06	-2.437e+05	1.202e+05
3	48	354.00	-8959.97	2110.28	702.86	1.286e+06	-2.690e+05	1.482e+05
3	48	358.75	-8176.32	4397.42	1801.20	1.103e+06	-2.230e+05	9.997e+04
3	48	361.00	-7690.24	4776.23	2425.19	9.829e+05	-2.029e+05	1.730e+05
3	48	364.88	-7544.68	6118.53	3508.29	8.763e+05	-2.626e+05	1.655e+05
3	48	368.00	-7533.93	5922.27	3459.91	8.037e+05	-2.664e+05	1.712e+05
3	48	375.00	-7535.57	5353.85	3374.53	6.406e+05	-2.748e+05	1.770e+05
3	48	382.00	-7576.32	4660.62	3272.53	4.768e+05	-2.827e+05	1.730e+05
3	48	389.00	-7677.01	3816.67	3113.41	3.103e+05	-2.899e+05	1.574e+05
3	48	396.00	-7819.37	2795.78	2917.71	1.409e+05	-2.942e+05	1.219e+05
3	48	403.00	-7356.32	2109.99	2236.61	-1.619e+04	-2.834e+05	4.234e+04
3	48	405.00	-7394.58	749.86	1941.08	-6.052e+04	-3.257e+05	3.237e+04
3	67	0.0	-1.930e+04	98.73	-2599.81	5.518e+05	3.729e+05	357.01
3	67	42.50	-1.930e+04	120.12	-2599.81	5.884e+05	2.930e+05	-1.412e+04
3	67	43.38	-1.930e+04	76.26	-2570.35	5.885e+05	2.887e+05	-1.371e+04
3	67	44.25	-1.923e+04	80.49	-2506.58	6.003e+05	2.838e+05	-1.387e+04
3	67	45.12	-1.915e+04	92.83	-2508.83	6.103e+05	2.789e+05	-1.394e+04
3	67	46.00	-1.906e+04	108.15	-2521.35	6.177e+05	2.742e+05	-1.400e+04
3	67	46.88	-1.897e+04	124.05	-2536.67	6.219e+05	2.697e+05	-1.412e+04
3	67	47.75	-1.887e+04	138.46	-2552.14	6.223e+05	2.653e+05	-1.432e+04
3	67	48.62	-1.876e+04	149.47	-2565.28	6.186e+05	2.609e+05	-1.455e+04
3	67	49.50	-1.865e+04	154.99	-2572.92	6.104e+05	2.568e+05	-1.477e+04
3	67	50.38	-1.854e+04	151.44	-2561.60	5.976e+05	2.532e+05	-1.485e+04
3	67	51.25	-1.842e+04	128.77	-2488.35	5.792e+05	2.498e+05	-1.477e+04
3	67	52.12	-1.824e+04	102.79	-2350.32	5.434e+05	2.472e+05	-1.501e+04
3	67	85.00	-1.824e+04	106.66	-2350.32	5.735e+05	1.861e+05	-2.178e+04
3	67	86.75	-1.822e+04	96.40	-2356.65	5.780e+05	1.798e+05	-2.181e+04
3	67	88.50	-1.817e+04	84.37	-2338.79	5.869e+05	1.737e+05	-2.197e+04
3	67	90.25	-1.810e+04	89.54	-2328.58	5.965e+05	1.676e+05	-2.232e+04
3	67	92.00	-1.802e+04	102.94	-2324.57	6.041e+05	1.617e+05	-2.270e+04
3	67	93.75	-1.793e+04	118.93	-2323.26	6.088e+05	1.562e+05	-2.307e+04
3	67	95.50	-1.782e+04	133.19	-2322.07	6.098e+05	1.507e+05	-2.343e+04
3	67	97.25	-1.771e+04	142.06	-2320.12	6.063e+05	1.453e+05	-2.376e+04
3	67	99.00	-1.759e+04	142.17	-2314.20	5.979e+05	1.396e+05	-2.404e+04
3	67	100.75	-1.746e+04	131.29	-2300.33	5.838e+05	1.339e+05	-2.432e+04
3	67	102.50	-1.732e+04	113.64	-2281.24	5.627e+05	1.284e+05	-2.475e+04
3	67	104.25	-1.717e+04	104.38	-2264.26	5.352e+05	1.228e+05	-2.519e+04
3	67	127.50	-1.717e+04	95.32	-2264.26	5.583e+05	7.962e+04	-2.788e+04
3	67	130.12	-1.715e+04	91.45	-2281.04	5.659e+05	7.231e+04	-2.802e+04
3	67	132.75	-1.711e+04	88.03	-2279.53	5.740e+05	6.504e+04	-2.828e+04
3	67	135.38	-1.706e+04	93.09	-2269.56	5.825e+05	5.780e+04	-2.865e+04
3	67	138.00	-1.698e+04	105.73	-2253.23	5.902e+05	5.025e+04	-2.912e+04
3	67	140.62	-1.689e+04	120.19	-2235.07	5.956e+05	4.246e+04	-2.967e+04
3	67	143.25	-1.678e+04	132.57	-2217.53	5.972e+05	3.483e+04	-3.023e+04
3	67	145.88	-1.666e+04	139.81	-2202.77	5.942e+05	2.736e+04	-3.077e+04
3	67	148.50	-1.652e+04	138.80	-2192.19	5.855e+05	2.006e+04	-3.128e+04
3	67	151.12	-1.638e+04	127.52	-2189.44	5.708e+05	1.288e+04	-3.177e+04
3	67	153.75	-1.624e+04	111.37	-2192.32	5.509e+05	5690.83	-3.223e+04
3	67	156.38	-1.611e+04	101.78	-2203.32	5.279e+05	-1558.22	-3.258e+04
3	67	170.00	-1.611e+04	88.84	-2203.32	5.431e+05	-2.684e+04	-3.301e+04
3	67	173.50	-1.608e+04	83.55	-2246.93	5.526e+05	-3.623e+04	-3.323e+04
3	67	177.00	-1.606e+04	86.29	-2256.19	5.596e+05	-4.566e+04	-3.353e+04
3	67	180.50	-1.601e+04	99.17	-2238.06	5.676e+05	-5.511e+04	-3.395e+04
3	67	184.00	-1.594e+04	111.16	-2203.10	5.759e+05	-6.440e+04	-3.469e+04
3	67	187.50	-1.584e+04	118.96	-2163.36	5.823e+05	-7.333e+04	-3.562e+04
3	67	191.00	-1.573e+04	125.37	-2127.60	5.850e+05	-8.199e+04	-3.655e+04
3	67	194.50	-1.560e+04	131.44	-2099.02	5.826e+05	-9.149e+04	-3.739e+04

3	67	198.00	-1.545e+04	134.34	-2084.19	5.742e+05	-1.017e+05	-3.811e+04
3	67	201.50	-1.529e+04	129.04	-2090.57	5.590e+05	-1.115e+05	-3.865e+04
3	67	205.00	-1.514e+04	110.30	-2125.85	5.397e+05	-1.210e+05	-3.885e+04
3	67	208.50	-1.504e+04	95.73	-2174.70	5.222e+05	-1.303e+05	-3.901e+04
3	67	212.50	-1.504e+04	90.54	-2174.70	5.273e+05	-1.378e+05	-3.869e+04
3	67	216.88	-1.501e+04	86.68	-2309.07	5.378e+05	-1.485e+05	-3.841e+04
3	67	221.25	-1.503e+04	113.75	-2322.27	5.398e+05	-1.604e+05	-3.830e+04
3	67	225.62	-1.497e+04	134.81	-2264.43	5.503e+05	-1.720e+05	-3.919e+04
3	67	230.00	-1.488e+04	123.97	-2188.88	5.612e+05	-1.827e+05	-4.101e+04
3	67	234.38	-1.479e+04	105.82	-2126.45	5.692e+05	-1.928e+05	-4.286e+04
3	67	238.75	-1.468e+04	94.73	-2069.17	5.733e+05	-2.025e+05	-4.447e+04
3	67	243.12	-1.455e+04	97.70	-2017.22	5.726e+05	-2.110e+05	-4.576e+04
3	67	247.50	-1.440e+04	114.81	-1985.49	5.651e+05	-2.184e+05	-4.676e+04
3	67	251.88	-1.422e+04	132.61	-1993.93	5.489e+05	-2.260e+05	-4.747e+04
3	67	255.00	-1.410e+04	122.78	-2063.69	5.353e+05	-2.318e+05	-4.682e+04
3	67	256.25	-1.399e+04	39.65	-2152.71	5.424e+05	-2.346e+05	-4.847e+04
3	67	260.25	-1.417e+04	304.93	-2466.69	4.808e+05	-2.450e+05	-5.311e+04
3	67	260.62	-1.415e+04	304.01	-2466.21	4.830e+05	-2.459e+05	-5.257e+04
3	67	265.50	-1.406e+04	366.28	-2315.67	5.025e+05	-2.624e+05	-5.377e+04
3	67	270.75	-1.394e+04	264.67	-2125.67	5.232e+05	-2.745e+05	-5.916e+04
3	67	276.00	-1.385e+04	158.43	-2029.81	5.372e+05	-2.850e+05	-6.374e+04
3	67	281.25	-1.378e+04	73.77	-1952.38	5.465e+05	-2.946e+05	-6.734e+04
3	67	286.50	-1.370e+04	14.51	-1878.70	5.523e+05	-3.038e+05	-7.012e+04
3	67	291.75	-1.360e+04	-12.63	-1795.08	5.536e+05	-3.128e+05	-7.211e+04
3	67	297.00	-1.346e+04	15.03	-1680.96	5.471e+05	-3.216e+05	-7.350e+04
3	67	297.50	-1.347e+04	4.95	-1680.36	5.477e+05	-3.228e+05	-7.331e+04
3	67	302.25	-1.348e+04	-826.85	-347.24	4.768e+05	-3.511e+05	-7.769e+04
3	67	303.62	-1.355e+04	-550.06	13.10	4.667e+05	-3.879e+05	-1.224e+05
3	67	307.50	-1.289e+04	-751.37	286.00	5.358e+05	-3.782e+05	-1.491e+05
3	67	309.75	-1.301e+04	-610.20	397.86	4.704e+05	-3.858e+05	-1.672e+05
3	67	312.75	-1.289e+04	-784.82	311.08	5.058e+05	-3.881e+05	-1.886e+05
3	67	315.88	-1.290e+04	-765.41	339.79	5.127e+05	-3.918e+05	-2.023e+05
3	67	322.00	-1.283e+04	-681.96	401.08	5.351e+05	-3.989e+05	-2.235e+05
3	67	328.12	-1.277e+04	-554.84	461.22	5.545e+05	-4.066e+05	-2.415e+05
3	67	334.25	-1.270e+04	-401.12	551.43	5.712e+05	-4.143e+05	-2.574e+05
3	67	340.00	-1.262e+04	-223.35	697.00	5.831e+05	-4.211e+05	-2.706e+05
3	67	340.38	-1.212e+04	-509.53	652.74	6.777e+05	-3.902e+05	-2.382e+05
3	67	346.50	-9165.22	-1472.39	16.98	1.097e+06	-2.344e+05	2.156e+04
3	67	347.00	-9463.22	-1306.79	9.73	1.049e+06	-2.516e+05	2.159e+04
3	67	352.62	-7963.63	-1309.14	352.84	1.052e+06	-2.345e+05	9.797e+04
3	67	354.00	-8454.30	-1714.98	622.11	1.022e+06	-2.598e+05	1.255e+05
3	67	358.75	-7949.92	397.50	1785.27	8.922e+05	-2.123e+05	7.966e+04
3	67	361.00	-7653.18	506.57	2388.46	8.043e+05	-1.916e+05	1.541e+05
3	67	364.88	-7826.23	1417.22	3444.68	7.558e+05	-2.538e+05	1.432e+05
3	67	368.00	-7776.28	1352.25	3399.87	6.866e+05	-2.576e+05	1.493e+05
3	67	375.00	-7667.79	1153.50	3317.18	5.340e+05	-2.658e+05	1.566e+05
3	67	382.00	-7577.39	914.75	3218.94	3.833e+05	-2.736e+05	1.549e+05
3	67	389.00	-7515.63	623.72	3071.96	2.330e+05	-2.808e+05	1.420e+05
3	67	396.00	-7457.81	283.21	2862.77	8.284e+04	-2.855e+05	1.102e+05
3	67	403.00	-6537.52	496.71	2300.19	-3.962e+04	-2.758e+05	3.525e+04
3	67	405.00	-6525.21	-661.20	1971.29	-7.726e+04	-3.180e+05	2.665e+04
3	77	0.0	-1.919e+04	-6192.08	-854.16	-1.798e+06	6.732e+04	-8716.25
3	77	42.50	-1.919e+04	-6170.69	-854.16	-1.761e+06	-1.092e+04	-3.712e+04
3	77	43.38	-1.857e+04	-5940.34	-753.71	-1.638e+06	-7860.51	-3.941e+04
3	77	44.25	-1.842e+04	-5933.46	-793.45	-1.613e+06	-3885.25	-4.043e+04
3	77	45.12	-1.830e+04	-5996.16	-801.87	-1.597e+06	-332.27	-4.161e+04
3	77	46.00	-1.820e+04	-6081.20	-815.24	-1.589e+06	2691.45	-4.289e+04
3	77	46.88	-1.812e+04	-6174.66	-830.26	-1.585e+06	5354.21	-4.421e+04
3	77	47.75	-1.806e+04	-6267.76	-845.17	-1.585e+06	7743.99	-4.555e+04
3	77	48.62	-1.801e+04	-6352.48	-859.32	-1.586e+06	9915.51	-4.692e+04
3	77	49.50	-1.797e+04	-6420.23	-869.83	-1.589e+06	1.188e+04	-4.829e+04
3	77	50.38	-1.793e+04	-6458.87	-872.83	-1.594e+06	1.361e+04	-4.965e+04
3	77	51.25	-1.790e+04	-6430.55	-848.13	-1.598e+06	1.482e+04	-5.082e+04
3	77	52.12	-1.827e+04	-6183.47	-775.92	-1.522e+06	1.448e+04	-5.107e+04
3	77	85.00	-1.827e+04	-6179.60	-775.92	-1.492e+06	-4.663e+04	-6.516e+04
3	77	86.75	-1.780e+04	-6126.85	-737.45	-1.396e+06	-4.484e+04	-6.669e+04
3	77	88.50	-1.748e+04	-6058.38	-749.21	-1.345e+06	-4.349e+04	-6.797e+04
3	77	90.25	-1.731e+04	-6071.02	-760.97	-1.322e+06	-4.217e+04	-6.903e+04
3	77	92.00	-1.718e+04	-6131.23	-769.16	-1.311e+06	-4.102e+04	-7.010e+04
3	77	93.75	-1.710e+04	-6213.67	-774.80	-1.307e+06	-4.014e+04	-7.121e+04
3	77	95.50	-1.705e+04	-6296.79	-780.16	-1.306e+06	-3.950e+04	-7.230e+04
3	77	97.25	-1.703e+04	-6359.45	-784.92	-1.306e+06	-3.909e+04	-7.336e+04
3	77	99.00	-1.703e+04	-6380.29	-788.77	-1.304e+06	-3.891e+04	-7.436e+04
3	77	100.75	-1.705e+04	-6338.20	-785.60	-1.300e+06	-3.903e+04	-7.521e+04
3	77	102.50	-1.716e+04	-6217.92	-762.51	-1.282e+06	-3.936e+04	-7.575e+04
3	77	104.25	-1.734e+04	-6158.44	-732.21	-1.243e+06	-3.937e+04	-7.586e+04
3	77	127.50	-1.734e+04	-6167.50	-732.21	-1.220e+06	-8.277e+04	-8.224e+04

3	77	130.12	-1.692e+04	-6148.70	-739.12	-1.134e+06	-8.299e+04	-8.325e+04
3	77	132.75	-1.659e+04	-6115.85	-755.67	-1.078e+06	-8.351e+04	-8.415e+04
3	77	135.38	-1.635e+04	-6110.72	-762.04	-1.048e+06	-8.435e+04	-8.495e+04
3	77	138.00	-1.619e+04	-6149.74	-761.94	-1.033e+06	-8.535e+04	-8.572e+04
3	77	140.62	-1.609e+04	-6216.49	-758.29	-1.027e+06	-8.651e+04	-8.652e+04
3	77	143.25	-1.605e+04	-6287.43	-754.68	-1.025e+06	-8.785e+04	-8.734e+04
3	77	145.88	-1.607e+04	-6336.67	-752.82	-1.023e+06	-8.934e+04	-8.816e+04
3	77	148.50	-1.613e+04	-6338.03	-753.96	-1.015e+06	-9.095e+04	-8.889e+04
3	77	151.12	-1.624e+04	-6276.57	-757.02	-1.001e+06	-9.261e+04	-8.945e+04
3	77	153.75	-1.634e+04	-6186.89	-765.91	-9.816e+05	-9.416e+04	-8.983e+04
3	77	156.38	-1.641e+04	-6137.76	-775.02	-9.645e+05	-9.559e+04	-9.009e+04
3	77	170.00	-1.641e+04	-6150.69	-775.02	-9.493e+05	-1.211e+05	-9.218e+04
3	77	173.50	-1.602e+04	-6134.88	-820.56	-8.681e+05	-1.232e+05	-9.239e+04
3	77	177.00	-1.569e+04	-6104.65	-848.10	-8.115e+05	-1.260e+05	-9.278e+04
3	77	180.50	-1.542e+04	-6096.96	-843.98	-7.755e+05	-1.291e+05	-9.322e+04
3	77	184.00	-1.521e+04	-6126.03	-829.20	-7.567e+05	-1.324e+05	-9.377e+04
3	77	187.50	-1.509e+04	-6180.33	-814.37	-7.493e+05	-1.359e+05	-9.449e+04
3	77	191.00	-1.505e+04	-6245.15	-799.66	-7.467e+05	-1.395e+05	-9.534e+04
3	77	194.50	-1.511e+04	-6303.32	-789.13	-7.414e+05	-1.430e+05	-9.616e+04
3	77	198.00	-1.524e+04	-6328.65	-789.06	-7.277e+05	-1.465e+05	-9.685e+04
3	77	201.50	-1.541e+04	-6297.89	-807.81	-7.039e+05	-1.487e+05	-9.738e+04
3	77	205.00	-1.552e+04	-6215.08	-851.70	-6.816e+05	-1.501e+05	-9.767e+04
3	77	208.50	-1.548e+04	-6151.22	-911.22	-6.849e+05	-1.517e+05	-9.795e+04
3	77	212.50	-1.548e+04	-6156.41	-911.22	-6.798e+05	-1.592e+05	-9.801e+04
3	77	216.88	-1.514e+04	-6119.68	-1045.49	-6.055e+05	-1.625e+05	-9.787e+04
3	77	221.25	-1.482e+04	-6064.96	-1055.06	-5.492e+05	-1.675e+05	-9.756e+04
3	77	225.62	-1.450e+04	-6053.86	-1016.46	-5.068e+05	-1.729e+05	-9.746e+04
3	77	230.00	-1.426e+04	-6069.85	-984.84	-4.841e+05	-1.788e+05	-9.827e+04
3	77	234.38	-1.412e+04	-6092.52	-950.12	-4.744e+05	-1.845e+05	-9.955e+04
3	77	238.75	-1.406e+04	-6134.67	-919.96	-4.702e+05	-1.898e+05	-1.009e+05
3	77	243.12	-1.411e+04	-6208.54	-895.74	-4.641e+05	-1.947e+05	-1.022e+05
3	77	247.50	-1.428e+04	-6299.31	-880.64	-4.456e+05	-1.993e+05	-1.031e+05
3	77	251.88	-1.452e+04	-6354.14	-909.90	-4.112e+05	-2.048e+05	-1.038e+05
3	77	255.00	-1.466e+04	-6349.26	-973.87	-3.853e+05	-2.091e+05	-1.031e+05
3	77	256.25	-1.459e+04	-6419.08	-1069.43	-3.465e+05	-2.099e+05	-1.044e+05
3	77	260.25	-1.451e+04	-6037.55	-1428.08	-3.776e+05	-2.103e+05	-1.067e+05
3	77	260.62	-1.446e+04	-6031.10	-1427.76	-3.716e+05	-2.101e+05	-1.058e+05
3	77	265.50	-1.402e+04	-5985.77	-1259.38	-2.974e+05	-2.203e+05	-1.033e+05
3	77	270.75	-1.367e+04	-6031.74	-1200.89	-2.489e+05	-2.314e+05	-1.061e+05
3	77	276.00	-1.345e+04	-5997.52	-1126.41	-2.243e+05	-2.409e+05	-1.095e+05
3	77	281.25	-1.328e+04	-5940.24	-1094.96	-2.115e+05	-2.496e+05	-1.125e+05
3	77	286.50	-1.318e+04	-5907.20	-1061.78	-2.057e+05	-2.578e+05	-1.152e+05
3	77	291.75	-1.313e+04	-5945.97	-1013.79	-2.024e+05	-2.653e+05	-1.177e+05
3	77	297.00	-1.322e+04	-6107.16	-978.11	-1.907e+05	-2.719e+05	-1.202e+05
3	77	297.50	-1.327e+04	-6147.53	-973.42	-1.853e+05	-2.728e+05	-1.201e+05
3	77	302.25	-1.340e+04	-7213.49	751.82	-1.353e+05	-2.753e+05	-1.083e+05
3	77	303.62	-1.351e+04	-6984.68	1212.81	-1.088e+05	-3.127e+05	-1.497e+05
3	77	307.50	-1.299e+04	-7261.04	1190.50	6.156e+04	-3.090e+05	-1.706e+05
3	77	309.75	-1.300e+04	-7142.27	1139.10	2.165e+04	-3.169e+05	-1.867e+05
3	77	312.75	-1.286e+04	-7231.45	1088.96	7.338e+04	-3.146e+05	-2.053e+05
3	77	315.88	-1.281e+04	-7008.13	1148.12	8.771e+04	-3.191e+05	-2.161e+05
3	77	322.00	-1.257e+04	-6515.79	1130.10	1.235e+05	-3.271e+05	-2.313e+05
3	77	328.12	-1.234e+04	-6000.30	1145.16	1.494e+05	-3.352e+05	-2.434e+05
3	77	334.25	-1.211e+04	-5505.39	1183.47	1.661e+05	-3.430e+05	-2.537e+05
3	77	340.00	-1.190e+04	-5087.83	1255.12	1.727e+05	-3.501e+05	-2.617e+05
3	77	340.38	-1.138e+04	-5357.29	1168.55	2.701e+05	-3.225e+05	-2.326e+05
3	77	346.50	-8098.12	-6214.14	-61.79	7.335e+05	-1.951e+05	-2.467e+04
3	77	347.00	-8402.72	-6079.67	-159.93	6.919e+05	-2.125e+05	-2.863e+04
3	77	352.62	-7246.67	-6211.96	-9.12	7.132e+05	-1.974e+05	3.659e+04
3	77	354.00	-7885.84	-6701.83	383.76	6.943e+05	-2.230e+05	6.205e+04
3	77	358.75	-7743.69	-4883.99	1719.07	6.311e+05	-1.666e+05	1.878e+04
3	77	361.00	-7672.13	-5056.54	2270.67	5.824e+05	-1.404e+05	9.609e+04
3	77	364.88	-8223.68	-4584.82	3276.98	6.039e+05	-2.061e+05	7.818e+04
3	77	368.00	-8122.85	-4484.08	3244.88	5.386e+05	-2.101e+05	8.569e+04
3	77	375.00	-7873.17	-4212.66	3175.79	3.989e+05	-2.189e+05	9.792e+04
3	77	382.00	-7614.24	-3871.23	3096.18	2.643e+05	-2.279e+05	1.036e+05
3	77	389.00	-7342.17	-3453.55	2993.77	1.343e+05	-2.367e+05	1.002e+05
3	77	396.00	-7021.00	-2916.00	2767.51	8629.05	-2.444e+05	8.161e+04
3	77	403.00	-5496.00	-1527.72	2594.25	-6.886e+04	-2.403e+05	2.394e+04
3	77	405.00	-5423.37	-2413.60	2163.32	-9.815e+04	-2.838e+05	2.340e+04
3	80	0.0	-1.932e+04	4632.63	-2856.25	4.362e+06	4.362e+05	3403.62
3	80	42.50	-1.932e+04	4654.02	-2856.25	2.300e+06	3.559e+05	-6128.97
3	80	43.38	-1.976e+04	4411.51	-2831.75	2.212e+06	3.497e+05	-4846.01
3	80	44.25	-1.975e+04	4411.54	-2753.76	2.214e+06	3.427e+05	-4721.42
3	80	45.12	-1.970e+04	4476.70	-2756.39	2.220e+06	3.359e+05	-4439.30
3	80	46.00	-1.963e+04	4563.88	-2769.86	2.227e+06	3.294e+05	-4111.34
3	80	46.88	-1.952e+04	4658.92	-2786.32	2.231e+06	3.233e+05	-3847.30

3	80	47.75	-1.940e+04	4751.70	-2802.85	2.232e+06	3.174e+05	-3647.34
3	80	48.62	-1.925e+04	4832.90	-2816.68	2.226e+06	3.117e+05	-3484.35
3	80	49.50	-1.910e+04	4892.56	-2824.74	2.215e+06	3.061e+05	-3290.73
3	80	50.38	-1.894e+04	4915.54	-2811.88	2.196e+06	3.007e+05	-2921.37
3	80	51.25	-1.875e+04	4856.63	-2736.46	2.167e+06	2.964e+05	-2402.22
3	80	52.12	-1.816e+04	4631.35	-2553.66	2.050e+06	2.939e+05	-2432.06
3	80	85.00	-1.816e+04	4635.22	-2553.66	2.080e+06	2.327e+05	-7214.61
3	80	86.75	-1.847e+04	4578.57	-2580.87	2.020e+06	2.245e+05	-6844.87
3	80	88.50	-1.861e+04	4505.74	-2557.74	1.999e+06	2.167e+05	-6672.58
3	80	90.25	-1.862e+04	4521.24	-2544.88	1.999e+06	2.088e+05	-6782.15
3	80	92.00	-1.857e+04	4586.56	-2540.17	2.004e+06	2.010e+05	-6907.17
3	80	93.75	-1.848e+04	4673.71	-2539.05	2.009e+06	1.934e+05	-7010.21
3	80	95.50	-1.834e+04	4759.22	-2538.11	2.010e+06	1.860e+05	-7100.77
3	80	97.25	-1.816e+04	4821.05	-2536.32	2.004e+06	1.788e+05	-7154.41
3	80	99.00	-1.795e+04	4837.75	-2529.86	1.988e+06	1.719e+05	-7153.95
3	80	100.75	-1.771e+04	4790.04	-2515.58	1.961e+06	1.654e+05	-7194.70
3	80	102.50	-1.739e+04	4674.05	-2498.15	1.911e+06	1.593e+05	-7480.90
3	80	104.25	-1.700e+04	4615.86	-2480.16	1.835e+06	1.530e+05	-7878.36
3	80	127.50	-1.700e+04	4606.80	-2480.16	1.858e+06	1.099e+05	-9514.27
3	80	130.12	-1.725e+04	4584.65	-2499.37	1.811e+06	1.004e+05	-9424.36
3	80	132.75	-1.743e+04	4551.40	-2495.22	1.785e+06	9.111e+04	-9501.53
3	80	135.38	-1.751e+04	4554.05	-2483.59	1.777e+06	8.198e+04	-9729.58
3	80	138.00	-1.750e+04	4603.85	-2466.01	1.779e+06	7.293e+04	-1.008e+04
3	80	140.62	-1.742e+04	4678.20	-2447.10	1.784e+06	6.402e+04	-1.052e+04
3	80	143.25	-1.726e+04	4752.15	-2428.94	1.786e+06	5.536e+04	-1.098e+04
3	80	145.88	-1.704e+04	4801.28	-2413.74	1.779e+06	4.696e+04	-1.140e+04
3	80	148.50	-1.676e+04	4801.20	-2403.47	1.759e+06	3.880e+04	-1.180e+04
3	80	151.12	-1.644e+04	4738.16	-2401.52	1.723e+06	3.082e+04	-1.222e+04
3	80	153.75	-1.612e+04	4646.34	-2404.94	1.675e+06	2.281e+04	-1.263e+04
3	80	156.38	-1.584e+04	4595.12	-2416.90	1.622e+06	1.473e+04	-1.291e+04
3	80	170.00	-1.584e+04	4582.19	-2416.90	1.637e+06	-1.053e+04	-1.294e+04
3	80	173.50	-1.606e+04	4557.88	-2459.59	1.597e+06	-2.125e+04	-1.316e+04
3	80	177.00	-1.626e+04	4535.92	-2467.21	1.568e+06	-3.192e+04	-1.341e+04
3	80	180.50	-1.639e+04	4552.29	-2448.23	1.555e+06	-4.253e+04	-1.381e+04
3	80	184.00	-1.642e+04	4597.39	-2411.72	1.556e+06	-5.290e+04	-1.459e+04
3	80	187.50	-1.634e+04	4653.22	-2369.72	1.561e+06	-6.280e+04	-1.556e+04
3	80	191.00	-1.618e+04	4712.33	-2332.41	1.564e+06	-7.235e+04	-1.650e+04
3	80	194.50	-1.591e+04	4764.52	-2303.06	1.556e+06	-8.164e+04	-1.735e+04
3	80	198.00	-1.556e+04	4787.12	-2287.31	1.532e+06	-9.072e+04	-1.806e+04
3	80	201.50	-1.517e+04	4753.85	-2293.02	1.488e+06	-1.009e+05	-1.859e+04
3	80	205.00	-1.483e+04	4661.26	-2327.57	1.439e+06	-1.119e+05	-1.872e+04
3	80	208.50	-1.467e+04	4588.97	-2374.46	1.410e+06	-1.227e+05	-1.878e+04
3	80	212.50	-1.467e+04	4583.78	-2374.46	1.415e+06	-1.302e+05	-1.837e+04
3	80	216.88	-1.486e+04	4542.18	-2510.08	1.383e+06	-1.424e+05	-1.826e+04
3	80	221.25	-1.513e+04	4545.11	-2524.81	1.345e+06	-1.557e+05	-1.854e+04
3	80	225.62	-1.528e+04	4582.24	-2466.12	1.331e+06	-1.687e+05	-1.983e+04
3	80	230.00	-1.530e+04	4583.44	-2385.70	1.333e+06	-1.803e+05	-2.193e+04
3	80	234.38	-1.523e+04	4571.84	-2321.15	1.339e+06	-1.913e+05	-2.398e+04
3	80	238.75	-1.509e+04	4582.27	-2262.67	1.344e+06	-2.018e+05	-2.572e+04
3	80	243.12	-1.484e+04	4636.79	-2209.26	1.338e+06	-2.121e+05	-2.709e+04
3	80	247.50	-1.445e+04	4727.26	-2178.57	1.312e+06	-2.222e+05	-2.820e+04
3	80	251.88	-1.397e+04	4797.24	-2187.89	1.259e+06	-2.311e+05	-2.898e+04
3	80	255.00	-1.367e+04	4769.45	-2265.17	1.217e+06	-2.370e+05	-2.836e+04
3	80	256.25	-1.353e+04	4670.38	-2356.05	1.202e+06	-2.402e+05	-3.008e+04
3	80	260.25	-1.388e+04	4839.44	-2664.40	1.120e+06	-2.527e+05	-3.497e+04
3	80	260.62	-1.388e+04	4834.53	-2664.16	1.119e+06	-2.539e+05	-3.447e+04
3	80	265.50	-1.407e+04	4928.02	-2519.21	1.096e+06	-2.718e+05	-3.646e+04
3	80	270.75	-1.412e+04	4803.87	-2303.55	1.095e+06	-2.843e+05	-4.217e+04
3	80	276.00	-1.412e+04	4600.61	-2207.84	1.102e+06	-2.949e+05	-4.713e+04
3	80	281.25	-1.411e+04	4412.08	-2113.44	1.109e+06	-3.048e+05	-5.097e+04
3	80	286.50	-1.405e+04	4281.53	-2023.65	1.115e+06	-3.143e+05	-5.390e+04
3	80	291.75	-1.391e+04	4254.98	-1926.10	1.114e+06	-3.235e+05	-5.593e+04
3	80	297.00	-1.362e+04	4406.20	-1796.06	1.095e+06	-3.328e+05	-5.724e+04
3	80	297.50	-1.359e+04	4417.01	-1796.40	1.092e+06	-3.340e+05	-5.705e+04
3	80	302.25	-1.332e+04	3744.65	-558.06	9.775e+05	-3.680e+05	-6.499e+04
3	80	303.62	-1.329e+04	4062.40	-221.95	9.509e+05	-4.045e+05	-1.105e+05
3	80	307.50	-1.252e+04	3945.79	116.52	9.411e+05	-3.927e+05	-1.384e+05
3	80	309.75	-1.274e+04	4078.35	263.33	8.580e+05	-3.998e+05	-1.567e+05
3	80	312.75	-1.266e+04	3794.04	168.92	8.851e+05	-4.030e+05	-1.786e+05
3	80	315.88	-1.271e+04	3660.75	192.58	8.872e+05	-4.065e+05	-1.928e+05
3	80	322.00	-1.276e+04	3436.79	276.09	9.003e+05	-4.134e+05	-2.152e+05
3	80	328.12	-1.281e+04	3274.02	337.94	9.152e+05	-4.211e+05	-2.346e+05
3	80	334.25	-1.284e+04	3174.56	431.20	9.319e+05	-4.288e+05	-2.518e+05
3	80	340.00	-1.286e+04	3173.71	586.76	9.473e+05	-4.355e+05	-2.662e+05
3	80	340.38	-1.239e+04	2876.80	551.99	1.036e+06	-4.039e+05	-2.332e+05
3	80	346.50	-9970.46	1855.91	48.13	1.361e+06	-2.415e+05	3.701e+04
3	80	347.00	-1.029e+04	2043.49	62.37	1.304e+06	-2.587e+05	3.793e+04

3	80	352.62	-8529.89	2088.77	451.87	1.297e+06	-2.417e+05	1.165e+05
3	80	354.00	-8912.79	1723.69	688.89	1.260e+06	-2.670e+05	1.444e+05
3	80	358.75	-8157.33	3990.25	1797.63	1.083e+06	-2.205e+05	9.641e+04
3	80	361.00	-7689.44	4344.87	2418.43	9.654e+05	-2.002e+05	1.696e+05
3	80	364.88	-7574.47	5648.95	3498.16	8.643e+05	-2.601e+05	1.616e+05
3	80	368.00	-7559.76	5465.73	3450.49	7.921e+05	-2.640e+05	1.675e+05
3	80	375.00	-7550.38	4934.15	3365.82	6.300e+05	-2.724e+05	1.735e+05
3	80	382.00	-7577.98	4286.31	3264.80	4.675e+05	-2.803e+05	1.700e+05
3	80	389.00	-7662.32	3497.72	3108.18	3.025e+05	-2.876e+05	1.549e+05
3	80	396.00	-7784.34	2545.20	2911.13	1.351e+05	-2.920e+05	1.202e+05
3	80	403.00	-7274.71	1950.39	2252.30	-1.850e+04	-2.815e+05	4.154e+04
3	80	405.00	-7308.09	611.06	1950.82	-6.217e+04	-3.239e+05	3.197e+04

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.062e+04	-1.453e+04	-4171.62	-4.434e+06	-4.906e+05	-2.793e+05
	-4200.83	1.229e+04	3640.30	4.935e+06	6.739e+05	2.223e+05

Macro	Tipo	Angolo 1-Z (gradi)
4	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
4	3	0.0	-2.033e+04	1.294e+04	1889.22	-2.064e+06	-2.511e+05	-1490.89
4	3	39.34	-2.033e+04	1.294e+04	1889.22	-1.961e+06	-2.176e+05	237.13
4	3	78.67	-1.985e+04	1.294e+04	1759.68	-1.465e+06	-1.537e+05	-1749.98
4	3	118.01	-1.912e+04	1.294e+04	1759.51	-9.658e+05	-9.030e+04	-1020.66
4	3	157.34	-1.842e+04	1.292e+04	1758.66	-4.649e+05	-2.847e+04	890.95
4	3	196.68	-1.774e+04	1.292e+04	1675.85	3.579e+04	3.144e+04	5678.86
4	3	236.02	-1.706e+04	1.292e+04	1357.56	5.328e+05	1.043e+05	1.017e+04
4	3	275.35	-1.701e+04	1.292e+04	1168.81	1.100e+06	1.484e+05	1.418e+04
4	3	314.69	-1.763e+04	4398.96	-266.53	1.504e+06	2.002e+05	9.944e+04
4	3	327.34	-6946.29	-333.32	2574.79	3452.93	3.751e+04	-4.624e+04
4	3	329.34	-6852.52	558.05	-556.44	7718.86	6.026e+04	-1.042e+05
4	3	331.34	-7013.87	513.74	-450.38	-1.779e+04	6.649e+04	-1.189e+05
4	3	333.34	-6952.17	191.86	-340.42	-1.967e+04	7.565e+04	-1.302e+05
4	3	335.34	-6846.43	-157.08	-321.64	-2.196e+04	8.506e+04	-1.404e+05
4	3	337.34	-6787.19	-507.00	-322.43	-2.869e+04	9.488e+04	-1.506e+05
4	3	339.34	-6796.75	-810.96	-333.89	-3.647e+04	1.047e+05	-1.604e+05
4	3	340.00	-6844.58	-891.91	-339.65	-3.730e+04	1.080e+05	-1.636e+05
4	3	341.34	-3914.88	415.21	297.01	4.070e+05	-1.491e+04	-5.816e+04
4	3	343.34	-3338.08	758.21	1347.91	4.652e+05	-3.717e+04	-2.841e+04
4	3	344.00	-4337.96	46.17	1671.51	3.515e+05	3841.15	-5.154e+04
4	3	345.34	-3163.70	614.84	1768.06	3.118e+05	-2.416e+04	-3.898e+04
4	3	347.34	-2856.64	642.23	611.43	2.920e+05	3595.26	-3.760e+04
4	3	348.00	-2913.13	508.13	651.47	2.749e+05	1.037e+04	-3.622e+04
4	3	352.00	-2732.58	342.41	693.22	2.406e+05	2.356e+04	-3372.06
4	3	356.00	-2612.07	57.03	752.28	2.008e+05	3.921e+04	2.186e+04
4	3	360.00	-2484.60	-254.43	803.97	1.639e+05	5.485e+04	4.421e+04
4	3	364.00	-2374.86	-514.68	856.29	1.283e+05	7.030e+04	6.428e+04
4	3	368.00	-2320.23	-617.35	920.66	9.202e+04	8.547e+04	8.274e+04
4	3	372.00	-2340.78	-482.31	915.94	5.396e+04	9.871e+04	9.863e+04
4	3	376.00	-2265.34	-550.71	1092.12	9490.13	1.053e+05	1.098e+05
4	6	0.0	-1.693e+04	-8077.10	-236.02	3.457e+06	4.251e+04	3480.45
4	6	39.34	-1.693e+04	-8077.09	-236.02	3.559e+06	7.402e+04	1.330e+04
4	6	78.67	-1.612e+04	-8077.87	-261.90	3.255e+06	7.510e+04	2.296e+04
4	6	118.01	-1.556e+04	-8069.93	-319.82	2.947e+06	7.666e+04	2.613e+04
4	6	157.34	-1.497e+04	-8058.53	-354.02	2.638e+06	7.977e+04	2.508e+04
4	6	196.68	-1.436e+04	-8049.42	-288.04	2.329e+06	8.474e+04	1.864e+04
4	6	236.02	-1.376e+04	-8058.29	50.26	2.025e+06	7.697e+04	9497.39
4	6	275.35	-1.251e+04	-8066.11	136.30	1.649e+06	9.743e+04	1333.70
4	6	314.69	-1.176e+04	-9050.67	-1134.21	1.211e+06	1.106e+05	2.757e+04
4	6	327.34	-4079.96	-6556.68	1679.16	-1.247e+05	-7453.35	-8.951e+04
4	6	329.34	-4170.31	-5862.12	-1670.15	-1.477e+05	6350.93	-1.474e+05
4	6	331.34	-4206.77	-5666.85	-1461.10	-1.588e+05	2.016e+04	-1.585e+05
4	6	333.34	-4185.08	-5401.76	-1403.40	-1.640e+05	2.948e+04	-1.642e+05
4	6	335.34	-4223.55	-5202.94	-1362.51	-1.734e+05	4.011e+04	-1.693e+05
4	6	337.34	-4225.17	-5009.39	-1339.12	-1.811e+05	5.105e+04	-1.731e+05
4	6	339.34	-4156.49	-4839.18	-1317.81	-1.902e+05	6.233e+04	-1.763e+05
4	6	340.00	-4114.30	-4796.15	-1303.60	-1.944e+05	6.630e+04	-1.772e+05
4	6	341.34	-1215.66	-3205.08	-404.61	2.205e+05	-3.487e+04	-8.406e+04
4	6	343.34	-555.49	-2921.44	907.92	2.224e+05	-4.408e+04	-7.127e+04

4	6	344.00	-1846.36	-3160.49	1390.32	1.166e+05	-2484.96	-9.974e+04
4	6	345.34	-1112.18	-1516.68	1499.61	1.194e+05	-2.130e+04	-8.431e+04
4	6	347.34	-1787.85	-269.91	270.06	2.088e+05	-4.105e+04	-7.681e+04
4	6	348.00	-1873.34	-337.63	265.59	1.908e+05	-3.395e+04	-7.672e+04
4	6	352.00	-1840.00	-209.40	341.91	1.542e+05	-1.902e+04	-5.368e+04
4	6	356.00	-1809.40	-17.50	372.87	1.188e+05	-2654.75	-3.417e+04
4	6	360.00	-1778.98	257.43	394.82	8.549e+04	1.429e+04	-1.573e+04
4	6	364.00	-1722.40	590.48	406.76	5.704e+04	3.164e+04	3125.12
4	6	368.00	-1614.90	915.15	392.00	3.495e+04	4.933e+04	2.323e+04
4	6	372.00	-1424.69	990.50	398.85	1.883e+04	6.753e+04	4.698e+04
4	6	376.00	-736.69	234.98	5.82	9490.13	7.437e+04	6.201e+04
4	7	0.0	-2.033e+04	1.328e+04	1896.60	-2.170e+06	-2.517e+05	-1506.17
4	7	39.34	-2.033e+04	1.328e+04	1896.60	-2.067e+06	-2.181e+05	197.33
4	7	78.67	-1.985e+04	1.328e+04	1766.70	-1.559e+06	-1.542e+05	-1800.32
4	7	118.01	-1.912e+04	1.327e+04	1766.07	-1.046e+06	-9.070e+04	-1311.82
4	7	157.34	-1.841e+04	1.326e+04	1764.65	-5.326e+05	-2.876e+04	697.85
4	7	196.68	-1.773e+04	1.325e+04	1681.08	-1.927e+04	3.131e+04	5548.66
4	7	236.02	-1.705e+04	1.326e+04	1355.68	4.902e+05	1.041e+05	9977.57
4	7	275.35	-1.700e+04	1.327e+04	1171.85	1.070e+06	1.487e+05	1.412e+04
4	7	314.69	-1.773e+04	4684.92	-260.79	1.502e+06	2.006e+05	9.971e+04
4	7	327.34	-7013.50	-119.44	2570.33	3326.05	3.794e+04	-4.458e+04
4	7	329.34	-6905.77	737.11	-561.61	9654.41	6.073e+04	-1.030e+05
4	7	331.34	-7053.48	683.56	-456.38	-1.429e+04	6.695e+04	-1.177e+05
4	7	333.34	-6994.93	340.25	-346.06	-1.643e+04	7.610e+04	-1.291e+05
4	7	335.34	-6885.25	-24.44	-327.42	-1.852e+04	8.551e+04	-1.394e+05
4	7	337.34	-6823.37	-389.68	-328.33	-2.521e+04	9.534e+04	-1.496e+05
4	7	339.34	-6830.55	-707.82	-339.96	-3.303e+04	1.051e+05	-1.595e+05
4	7	340.00	-6880.27	-792.60	-345.77	-3.379e+04	1.084e+05	-1.627e+05
4	7	341.34	-3947.57	512.19	290.36	4.116e+05	-1.452e+04	-5.735e+04
4	7	343.34	-3360.54	856.58	1340.18	4.712e+05	-3.685e+04	-2.771e+04
4	7	344.00	-4376.56	149.53	1664.40	3.596e+05	4151.26	-5.086e+04
4	7	345.34	-3250.64	717.33	1762.82	3.224e+05	-2.387e+04	-3.832e+04
4	7	347.34	-2951.38	745.25	605.40	2.995e+05	3735.36	-3.712e+04
4	7	348.00	-3011.98	608.44	645.50	2.816e+05	1.051e+04	-3.574e+04
4	7	352.00	-2825.91	437.83	686.81	2.465e+05	2.369e+04	-2874.09
4	7	356.00	-2703.59	142.59	745.96	2.054e+05	3.933e+04	2.236e+04
4	7	360.00	-2573.48	-182.01	797.76	1.672e+05	5.496e+04	4.470e+04
4	7	364.00	-2460.88	-458.10	850.27	1.304e+05	7.039e+04	6.473e+04
4	7	368.00	-2403.11	-578.97	914.84	9.289e+04	8.555e+04	8.314e+04
4	7	372.00	-2425.41	-464.82	910.36	5.338e+04	9.875e+04	9.895e+04
4	7	376.00	-2289.94	-555.90	1084.80	9490.13	1.052e+05	1.099e+05
4	32	0.0	-1.869e+04	-394.16	1092.59	1.595e+06	-1.164e+05	2264.84
4	32	39.34	-1.869e+04	-394.16	1092.59	1.697e+06	-8.375e+04	1.004e+04
4	32	78.67	-1.810e+04	-387.41	962.95	1.689e+06	-5.018e+04	1.662e+04
4	32	118.01	-1.745e+04	-382.10	933.49	1.678e+06	-1.620e+04	1.821e+04
4	32	157.34	-1.681e+04	-373.04	908.09	1.667e+06	1.843e+04	1.689e+04
4	32	196.68	-1.618e+04	-361.75	886.34	1.658e+06	5.124e+04	1.453e+04
4	32	236.02	-1.555e+04	-353.72	837.84	1.651e+06	8.923e+04	1.003e+04
4	32	275.35	-1.528e+04	-373.05	714.20	1.694e+06	1.197e+05	1074.67
4	32	314.69	-1.415e+04	-4621.56	-742.65	1.431e+06	1.524e+05	5.638e+04
4	32	327.34	-4936.07	-5155.31	2645.29	-4.953e+04	4031.43	-8.484e+04
4	32	329.34	-5031.83	-3981.09	-572.62	-7.325e+04	2.273e+04	-1.419e+05
4	32	331.34	-5306.77	-3836.92	-415.10	-1.118e+05	3.230e+04	-1.535e+05
4	32	333.34	-5235.69	-3687.33	-138.06	-1.129e+05	4.152e+04	-1.625e+05
4	32	335.34	-5235.01	-3629.56	-285.63	-1.204e+05	5.153e+04	-1.709e+05
4	32	337.34	-5226.09	-3580.40	-272.79	-1.279e+05	6.196e+04	-1.788e+05
4	32	339.34	-5223.43	-3534.19	-265.29	-1.359e+05	7.263e+04	-1.863e+05
4	32	340.00	-5212.25	-3523.59	-261.75	-1.390e+05	7.633e+04	-1.887e+05
4	32	341.34	-2351.13	-2084.50	499.76	2.773e+05	-3.673e+04	-8.693e+04
4	32	343.34	-1836.45	-1786.42	1717.17	2.886e+05	-5.245e+04	-6.374e+04
4	32	344.00	-2998.70	-2353.46	2105.96	1.711e+05	-1.101e+04	-8.933e+04
4	32	345.34	-1899.35	-1318.43	2187.30	1.630e+05	-3.572e+04	-7.567e+04
4	32	347.34	-1909.00	-795.22	1000.37	2.171e+05	-1.382e+04	-7.337e+04
4	32	348.00	-1932.17	-873.82	1019.43	2.071e+05	-6911.35	-7.222e+04
4	32	352.00	-1871.08	-853.21	1070.75	1.732e+05	6979.59	-4.170e+04
4	32	356.00	-1808.98	-821.69	1115.01	1.408e+05	2.290e+04	-1.742e+04
4	32	360.00	-1752.04	-735.08	1151.06	1.102e+05	3.912e+04	4753.39
4	32	364.00	-1690.26	-572.35	1180.34	8.261e+04	5.548e+04	2.606e+04
4	32	368.00	-1639.63	-323.65	1205.20	5.731e+04	7.203e+04	4.750e+04
4	32	372.00	-1545.78	-31.34	1174.32	3.604e+04	8.785e+04	6.976e+04
4	32	376.00	-1321.86	-146.85	1119.76	9490.13	9.689e+04	8.880e+04
4	38	0.0	-1.781e+04	-2479.25	326.04	1.980e+06	-3.445e+04	2162.59
4	38	39.34	-1.781e+04	-2479.24	326.04	2.083e+06	-2409.48	9835.99
4	38	78.67	-1.709e+04	-2479.69	273.51	1.992e+06	1.516e+04	1.640e+04
4	38	118.01	-1.649e+04	-2475.87	229.30	1.899e+06	3.292e+04	1.888e+04
4	38	157.34	-1.587e+04	-2470.41	202.32	1.805e+06	5.139e+04	1.867e+04
4	38	196.68	-1.524e+04	-2466.04	227.79	1.712e+06	7.070e+04	1.522e+04

4	38	236.02	-1.461e+04	-2470.10	391.31	1.620e+06	8.428e+04	9678.05
4	38	275.35	-1.369e+04	-2473.12	406.61	1.496e+06	1.110e+05	4798.06
4	38	314.69	-1.333e+04	-5444.80	-906.01	1.287e+06	1.342e+05	4.646e+04
4	38	327.34	-4854.86	-4862.83	1911.86	-9.165e+04	4434.06	-7.774e+04
4	38	329.34	-4892.18	-4126.01	-1380.54	-1.067e+05	2.058e+04	-1.358e+05
4	38	331.34	-4957.35	-3996.28	-1198.58	-1.212e+05	3.241e+04	-1.479e+05
4	38	333.34	-4926.39	-3891.80	-1126.90	-1.256e+05	4.169e+04	-1.550e+05
4	38	335.34	-4925.89	-3841.31	-1091.80	-1.331e+05	5.199e+04	-1.615e+05
4	38	337.34	-4910.74	-3794.79	-1074.72	-1.405e+05	6.264e+04	-1.669e+05
4	38	339.34	-4862.05	-3753.11	-1061.99	-1.493e+05	7.353e+04	-1.719e+05
4	38	340.00	-4843.97	-3743.71	-1052.99	-1.526e+05	7.732e+04	-1.734e+05
4	38	341.34	-1935.48	-2227.91	-222.79	2.704e+05	-2.954e+04	-7.707e+04
4	38	343.34	-1292.78	-1928.92	1021.20	2.877e+05	-4.217e+04	-5.987e+04
4	38	344.00	-2511.43	-2290.13	1462.24	1.804e+05	-739.19	-8.695e+04
4	38	345.34	-1675.18	-927.74	1568.75	1.727e+05	-2.196e+04	-7.227e+04
4	38	347.34	-2096.52	0.24	358.02	2.329e+05	-2.935e+04	-6.641e+04
4	38	348.00	-2175.50	-85.78	365.19	2.148e+05	-2.234e+04	-6.599e+04
4	38	352.00	-2101.79	-35.86	432.14	1.786e+05	-7863.05	-4.037e+04
4	38	356.00	-2047.14	28.20	470.47	1.416e+05	8312.19	-1.937e+04
4	38	360.00	-1990.49	145.73	500.23	1.071e+05	2.491e+04	88.58
4	38	364.00	-1919.05	318.63	522.77	7.636e+04	4.176e+04	1.925e+04
4	38	368.00	-1824.42	525.58	528.71	5.020e+04	5.879e+04	3.891e+04
4	38	372.00	-1689.89	611.08	532.46	2.790e+04	7.568e+04	6.058e+04
4	38	376.00	-1145.61	27.96	287.69	9490.13	8.243e+04	7.452e+04
4	39	0.0	-1.945e+04	7682.26	1334.54	-6.933e+05	-1.747e+05	-188.31
4	39	39.34	-1.945e+04	7682.27	1334.54	-5.910e+05	-1.417e+05	3659.91
4	39	78.67	-1.888e+04	7682.71	1231.30	-2.954e+05	-9.424e+04	4765.29
4	39	118.01	-1.819e+04	7678.89	1216.95	2057.00	-4.696e+04	5938.66
4	39	157.34	-1.752e+04	7673.42	1208.31	3.002e+05	-384.38	7103.47
4	39	196.68	-1.686e+04	7669.04	1165.26	5.982e+05	4.535e+04	8959.69
4	39	236.02	-1.619e+04	7673.10	1014.62	8.945e+05	9.681e+04	9796.91
4	39	275.35	-1.582e+04	7676.20	901.53	1.222e+06	1.352e+05	1.065e+04
4	39	314.69	-1.616e+04	1079.05	-488.99	1.426e+06	1.770e+05	8.082e+04
4	39	327.34	-6238.60	-1813.29	2337.63	-2.976e+04	2.606e+04	-5.636e+04
4	39	329.34	-6183.90	-999.00	-851.22	-3.126e+04	4.649e+04	-1.146e+05
4	39	331.34	-6302.91	-987.00	-718.91	-5.191e+04	5.470e+04	-1.284e+05
4	39	333.34	-6253.62	-1169.71	-622.56	-5.481e+04	6.390e+04	-1.383e+05
4	39	335.34	-6182.91	-1386.08	-598.13	-5.882e+04	7.363e+04	-1.472e+05
4	39	337.34	-6137.80	-1604.28	-592.73	-6.578e+04	8.374e+04	-1.557e+05
4	39	339.34	-6125.00	-1793.89	-595.79	-7.393e+04	9.391e+04	-1.639e+05
4	39	340.00	-6150.61	-1845.04	-596.39	-7.561e+04	9.738e+04	-1.665e+05
4	39	341.34	-3227.75	-464.98	108.53	3.617e+05	-1.986e+04	-6.434e+04
4	39	343.34	-2623.24	-135.94	1226.89	4.060e+05	-3.875e+04	-3.911e+04
4	39	344.00	-3711.49	-720.83	1592.48	2.958e+05	2405.49	-6.366e+04
4	39	345.34	-2687.64	128.39	1693.68	2.691e+05	-2.320e+04	-5.035e+04
4	39	347.34	-2642.71	475.10	517.44	2.755e+05	-7963.92	-4.752e+04
4	39	348.00	-2709.82	356.59	545.90	2.576e+05	-1102.01	-4.647e+04
4	39	352.00	-2564.12	264.30	596.58	2.220e+05	1.253e+04	-1.618e+04
4	39	356.00	-2465.86	96.89	648.35	1.825e+05	2.837e+04	7559.45
4	39	360.00	-2361.97	-70.30	692.35	1.457e+05	4.434e+04	2.888e+04
4	39	364.00	-2264.23	-186.25	734.26	1.110e+05	6.027e+04	4.861e+04
4	39	368.00	-2193.59	-189.40	778.13	7.764e+04	7.609e+04	6.746e+04
4	39	372.00	-2160.21	-85.40	776.75	4.431e+04	9.060e+04	8.534e+04
4	39	376.00	-1881.02	-348.89	802.93	9490.13	9.717e+04	9.738e+04
4	64	0.0	-1.866e+04	1226.91	951.74	1.080e+06	-1.104e+05	1566.99
4	64	39.34	-1.866e+04	1226.92	951.74	1.182e+06	-7.780e+04	8243.30
4	64	78.67	-1.804e+04	1229.99	849.93	1.234e+06	-4.471e+04	1.333e+04
4	64	118.01	-1.739e+04	1232.37	820.77	1.284e+06	-1.145e+04	1.505e+04
4	64	157.34	-1.675e+04	1236.46	799.73	1.334e+06	2.210e+04	1.471e+04
4	64	196.68	-1.611e+04	1241.57	785.29	1.385e+06	5.480e+04	1.320e+04
4	64	236.02	-1.547e+04	1245.31	766.50	1.437e+06	8.992e+04	9864.53
4	64	275.35	-1.499e+04	1236.97	682.63	1.512e+06	1.215e+05	4666.34
4	64	314.69	-1.448e+04	-3301.10	-716.89	1.391e+06	1.542e+05	6.036e+04
4	64	327.34	-5272.13	-4171.78	2370.43	-5.487e+04	1.000e+04	-7.532e+04
4	64	329.34	-5311.39	-3212.74	-859.53	-7.025e+04	2.849e+04	-1.330e+05
4	64	331.34	-5487.65	-3108.20	-702.32	-9.747e+04	3.829e+04	-1.453e+05
4	64	333.34	-5433.33	-3060.79	-612.24	-9.995e+04	4.752e+04	-1.540e+05
4	64	335.34	-5413.73	-3079.21	-581.23	-1.065e+05	5.753e+04	-1.621e+05
4	64	337.34	-5393.31	-3103.15	-569.24	-1.138e+05	6.794e+04	-1.695e+05
4	64	339.34	-5375.46	-3122.02	-563.14	-1.221e+05	7.853e+04	-1.765e+05
4	64	340.00	-5372.48	-3128.46	-559.26	-1.249e+05	8.219e+04	-1.787e+05
4	64	341.34	-2481.87	-1684.66	205.31	2.989e+05	-3.035e+04	-7.831e+04
4	64	343.34	-1908.02	-1377.63	1403.15	3.208e+05	-4.610e+04	-5.616e+04
4	64	344.00	-3064.89	-1894.22	1799.58	2.080e+05	-4735.18	-8.186e+04
4	64	345.34	-2056.03	-821.67	1892.95	1.949e+05	-2.877e+04	-6.803e+04
4	64	347.34	-2162.09	-237.67	702.58	2.377e+05	-1.634e+04	-6.463e+04
4	64	348.00	-2212.22	-329.08	721.01	2.233e+05	-9414.59	-6.371e+04

4	64	352.00	-2124.79	-331.12	776.38	1.883e+05	4562.17	-3.455e+04
4	64	356.00	-2054.91	-344.67	821.08	1.527e+05	2.053e+04	-1.128e+04
4	64	360.00	-1985.33	-318.43	857.57	1.193e+05	3.678e+04	9954.49
4	64	364.00	-1911.17	-228.45	888.42	8.886e+04	5.316e+04	3.028e+04
4	64	368.00	-1843.26	-59.36	913.31	6.108e+04	6.964e+04	5.056e+04
4	64	372.00	-1755.12	125.91	899.46	3.619e+04	8.540e+04	7.150e+04
4	64	376.00	-1430.90	-155.09	816.29	9490.13	9.317e+04	8.733e+04
4	70	0.0	-1.788e+04	-2052.29	368.48	1.868e+06	-4.034e+04	2063.57
4	70	39.34	-1.788e+04	-2052.29	368.48	1.970e+06	-8259.15	9575.85
4	70	78.67	-1.717e+04	-2052.70	313.83	1.895e+06	1.057e+04	1.591e+04
4	70	118.01	-1.656e+04	-2049.20	270.85	1.819e+06	2.957e+04	1.833e+04
4	70	157.34	-1.594e+04	-2044.20	244.61	1.742e+06	4.922e+04	1.819e+04
4	70	196.68	-1.531e+04	-2040.19	267.17	1.665e+06	6.963e+04	1.496e+04
4	70	236.02	-1.468e+04	-2043.91	417.48	1.590e+06	8.481e+04	9684.30
4	70	275.35	-1.378e+04	-2046.66	427.38	1.485e+06	1.120e+05	5046.69
4	70	314.69	-1.345e+04	-5170.55	-888.51	1.293e+06	1.360e+05	4.791e+04
4	70	327.34	-4913.14	-4734.55	1929.73	-8.906e+04	5342.33	-7.684e+04
4	70	329.34	-4946.56	-3994.48	-1358.33	-1.036e+05	2.167e+04	-1.349e+05
4	70	331.34	-5013.98	-3869.70	-1178.44	-1.183e+05	3.335e+04	-1.470e+05
4	70	333.34	-4982.27	-3777.31	-1105.72	-1.226e+05	4.262e+04	-1.543e+05
4	70	335.34	-4978.81	-3738.05	-1071.07	-1.300e+05	5.290e+04	-1.609e+05
4	70	337.34	-4962.40	-3702.67	-1054.48	-1.374e+05	6.353e+04	-1.664e+05
4	70	339.34	-4915.22	-3670.72	-1042.41	-1.461e+05	7.439e+04	-1.715e+05
4	70	340.00	-4898.97	-3663.86	-1033.81	-1.494e+05	7.816e+04	-1.731e+05
4	70	341.34	-1989.86	-2153.78	-208.88	2.743e+05	-2.913e+04	-7.653e+04
4	70	343.34	-1348.73	-1853.53	1029.84	2.926e+05	-4.203e+04	-5.900e+04
4	70	344.00	-2561.89	-2224.13	1467.71	1.853e+05	-606.91	-8.597e+04
4	70	345.34	-1717.78	-883.29	1574.00	1.768e+05	-2.202e+04	-7.135e+04
4	70	347.34	-2119.55	20.29	364.72	2.347e+05	-2.846e+04	-6.562e+04
4	70	348.00	-2198.04	-67.11	372.78	2.166e+05	-2.145e+04	-6.517e+04
4	70	352.00	-2121.30	-23.16	439.05	1.805e+05	-7006.98	-3.936e+04
4	70	356.00	-2064.81	31.17	477.94	1.434e+05	9153.98	-1.824e+04
4	70	360.00	-2006.17	136.73	508.29	1.087e+05	2.573e+04	1297.89
4	70	364.00	-1933.62	297.49	531.65	7.782e+04	4.254e+04	2.048e+04
4	70	368.00	-1840.00	495.59	539.18	5.135e+04	5.951e+04	4.011e+04
4	70	372.00	-1709.71	581.86	542.71	2.859e+04	7.631e+04	6.162e+04
4	70	376.00	-1176.55	12.13	309.32	9490.13	8.305e+04	7.548e+04
4	71	0.0	-1.938e+04	7255.31	1292.09	-5.809e+05	-1.688e+05	-89.29
4	71	39.34	-1.938e+04	7255.31	1292.09	-4.787e+05	-1.359e+05	3920.05
4	71	78.67	-1.880e+04	7255.72	1190.97	-1.993e+05	-8.965e+04	5255.77
4	71	118.01	-1.812e+04	7252.21	1175.40	8.179e+04	-4.361e+04	6483.62
4	71	157.34	-1.745e+04	7247.21	1166.02	3.635e+05	1789.47	7589.98
4	71	196.68	-1.679e+04	7243.20	1125.87	6.450e+05	4.642e+04	9222.48
4	71	236.02	-1.613e+04	7246.91	988.46	9.250e+05	9.628e+04	9790.67
4	71	275.35	-1.573e+04	7249.73	880.76	1.234e+06	1.342e+05	1.041e+04
4	71	314.69	-1.604e+04	804.80	-506.50	1.420e+06	1.752e+05	7.937e+04
4	71	327.34	-6180.33	-1941.58	2319.76	-3.235e+04	2.515e+04	-5.725e+04
4	71	329.34	-6129.52	-1130.53	-873.44	-3.443e+04	4.541e+04	-1.155e+05
4	71	331.34	-6246.27	-1113.58	-739.04	-5.482e+04	5.376e+04	-1.292e+05
4	71	333.34	-6197.74	-1284.20	-643.74	-5.778e+04	6.297e+04	-1.390e+05
4	71	335.34	-6129.99	-1489.34	-618.86	-6.194e+04	7.272e+04	-1.478e+05
4	71	337.34	-6086.14	-1696.40	-612.97	-6.891e+04	8.286e+04	-1.562e+05
4	71	339.34	-6071.82	-1876.28	-615.36	-7.709e+04	9.305e+04	-1.642e+05
4	71	340.00	-6095.60	-1924.89	-615.56	-7.884e+04	9.654e+04	-1.668e+05
4	71	341.34	-3173.37	-539.11	94.62	3.578e+05	-2.026e+04	-6.488e+04
4	71	343.34	-2567.29	-211.32	1218.25	4.010e+05	-3.889e+04	-3.999e+04
4	71	344.00	-3661.02	-786.83	1587.01	2.910e+05	2273.21	-6.464e+04
4	71	345.34	-2645.04	83.94	1688.43	2.650e+05	-2.315e+04	-5.127e+04
4	71	347.34	-2619.68	455.05	510.74	2.737e+05	-8861.75	-4.831e+04
4	71	348.00	-2687.29	337.92	538.31	2.558e+05	-1993.38	-4.729e+04
4	71	352.00	-2544.62	251.60	589.67	2.202e+05	1.168e+04	-1.720e+04
4	71	356.00	-2448.19	93.92	640.88	1.808e+05	2.753e+04	6428.31
4	71	360.00	-2346.28	-61.31	684.29	1.441e+05	4.352e+04	2.767e+04
4	71	364.00	-2249.65	-165.11	725.38	1.096e+05	5.950e+04	4.737e+04
4	71	368.00	-2178.01	-159.41	767.66	7.649e+04	7.536e+04	6.626e+04
4	71	372.00	-2140.38	-56.19	766.50	4.362e+04	8.998e+04	8.430e+04
4	71	376.00	-1850.08	-333.06	781.30	9490.13	9.655e+04	9.642e+04
4	96	0.0	-1.865e+04	1343.58	941.45	1.043e+06	-1.099e+05	1517.62
4	96	39.34	-1.865e+04	1343.59	941.45	1.145e+06	-7.732e+04	8115.98
4	96	78.67	-1.803e+04	1346.40	841.67	1.201e+06	-4.428e+04	1.309e+04
4	96	118.01	-1.739e+04	1348.58	812.51	1.256e+06	-1.108e+04	1.483e+04
4	96	157.34	-1.674e+04	1352.31	791.75	1.310e+06	2.238e+04	1.455e+04
4	96	196.68	-1.610e+04	1356.99	777.79	1.366e+06	5.507e+04	1.310e+04
4	96	236.02	-1.546e+04	1360.42	761.15	1.422e+06	8.997e+04	9853.56
4	96	275.35	-1.497e+04	1352.80	680.23	1.499e+06	1.216e+05	4925.88
4	96	314.69	-1.450e+04	-3206.17	-715.21	1.388e+06	1.543e+05	6.064e+04
4	96	327.34	-5295.57	-4101.01	2349.74	-5.535e+04	1.045e+04	-7.462e+04

4	96	329.34	-5330.76	-3157.53	-881.12	-7.012e+04	2.892e+04	-1.323e+05
4	96	331.34	-5499.88	-3055.85	-723.92	-9.653e+04	3.873e+04	-1.447e+05
4	96	333.34	-5446.77	-3015.79	-634.35	-9.911e+04	4.797e+04	-1.534e+05
4	96	335.34	-5425.81	-3039.68	-603.44	-1.056e+05	5.798e+04	-1.614e+05
4	96	337.34	-5404.57	-3068.88	-591.52	-1.129e+05	6.838e+04	-1.688e+05
4	96	339.34	-5385.62	-3092.43	-585.53	-1.212e+05	7.897e+04	-1.758e+05
4	96	340.00	-5383.21	-3100.09	-581.62	-1.239e+05	8.263e+04	-1.780e+05
4	96	341.34	-2490.48	-1655.94	183.20	3.004e+05	-2.987e+04	-7.767e+04
4	96	343.34	-1912.40	-1348.31	1379.63	3.230e+05	-4.563e+04	-5.559e+04
4	96	344.00	-3068.97	-1861.21	1776.64	2.106e+05	-4265.75	-8.130e+04
4	96	345.34	-2066.77	-785.87	1870.89	1.971e+05	-2.825e+04	-6.746e+04
4	96	347.34	-2179.80	-197.35	680.26	2.391e+05	-1.653e+04	-6.399e+04
4	96	348.00	-2231.87	-289.69	698.64	2.244e+05	-9607.91	-6.308e+04
4	96	352.00	-2142.55	-293.35	754.30	1.893e+05	4375.38	-3.402e+04
4	96	356.00	-2072.11	-310.14	799.03	1.535e+05	2.034e+04	-1.083e+04
4	96	360.00	-2001.62	-288.24	835.56	1.199e+05	3.660e+04	1.034e+04
4	96	364.00	-1926.58	-203.48	866.52	8.928e+04	5.298e+04	3.058e+04
4	96	368.00	-1857.42	-40.10	891.41	6.132e+04	6.945e+04	5.078e+04
4	96	372.00	-1769.64	137.49	878.83	3.618e+04	8.521e+04	7.162e+04
4	96	376.00	-1438.03	-155.57	793.46	9490.13	9.289e+04	8.721e+04

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.033e+04	-9050.67	-1670.15	-2.170e+06	-2.517e+05	-1.887e+05
	-555.49	1.328e+04	2645.29	3.559e+06	2.006e+05	1.099e+05

Macro	Tipo	Angolo 1-Z (gradi)
5	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
5	6	0.0	-2.557e+04	-1.654e+04	-22.56	3.750e+06	7.787e+04	3075.47
5	6	32.00	-2.556e+04	-1.651e+04	-22.56	3.640e+06	1.210e+05	6860.40
5	6	33.00	-2.441e+04	-1.597e+04	-203.36	3.404e+06	1.152e+05	9324.06
5	6	34.00	-2.438e+04	-1.616e+04	-150.55	3.395e+06	1.086e+05	9698.12
5	6	35.00	-2.422e+04	-1.635e+04	-149.48	3.379e+06	1.034e+05	1.068e+04
5	6	36.00	-2.414e+04	-1.655e+04	-134.62	3.374e+06	9.895e+04	1.121e+04
5	6	37.00	-2.408e+04	-1.675e+04	-122.39	3.372e+06	9.477e+04	1.186e+04
5	6	38.00	-2.407e+04	-1.693e+04	-118.78	3.370e+06	9.056e+04	1.250e+04
5	6	39.00	-2.396e+04	-1.708e+04	-84.41	3.383e+06	8.627e+04	1.333e+04
5	6	40.00	-2.496e+04	-1.653e+04	-179.28	3.177e+06	8.401e+04	1.260e+04
5	6	64.00	-2.495e+04	-1.653e+04	-179.28	3.093e+06	1.170e+05	1.469e+04
5	6	66.00	-2.398e+04	-1.629e+04	-247.26	2.889e+06	1.125e+05	1.607e+04
5	6	68.00	-2.364e+04	-1.623e+04	-228.02	2.833e+06	1.083e+05	1.698e+04
5	6	70.00	-2.350e+04	-1.639e+04	-220.63	2.815e+06	1.045e+05	1.780e+04
5	6	72.00	-2.341e+04	-1.658e+04	-216.97	2.806e+06	1.013e+05	1.799e+04
5	6	74.00	-2.337e+04	-1.675e+04	-213.72	2.801e+06	9.836e+04	1.857e+04
5	6	76.00	-2.337e+04	-1.687e+04	-207.57	2.795e+06	9.563e+04	1.910e+04
5	6	78.00	-2.356e+04	-1.675e+04	-202.80	2.760e+06	9.341e+04	1.934e+04
5	6	80.00	-2.434e+04	-1.651e+04	-255.86	2.595e+06	9.114e+04	1.778e+04
5	6	96.00	-2.434e+04	-1.652e+04	-255.86	2.538e+06	1.133e+05	1.960e+04
5	6	99.00	-2.347e+04	-1.641e+04	-280.06	2.350e+06	1.084e+05	2.067e+04
5	6	102.00	-2.300e+04	-1.635e+04	-270.47	2.273e+06	1.043e+05	1.971e+04
5	6	105.00	-2.279e+04	-1.644e+04	-267.21	2.245e+06	1.007e+05	1.947e+04
5	6	108.00	-2.270e+04	-1.659e+04	-273.49	2.233e+06	9.824e+04	2.013e+04
5	6	111.00	-2.269e+04	-1.671e+04	-278.04	2.224e+06	9.685e+04	2.081e+04
5	6	114.00	-2.278e+04	-1.673e+04	-273.75	2.206e+06	9.577e+04	2.139e+04
5	6	117.00	-2.309e+04	-1.660e+04	-268.51	2.151e+06	9.489e+04	2.168e+04
5	6	120.00	-2.372e+04	-1.648e+04	-289.01	2.011e+06	9.376e+04	2.210e+04
5	6	128.00	-2.372e+04	-1.649e+04	-289.01	1.981e+06	1.048e+05	2.343e+04
5	6	132.00	-2.291e+04	-1.644e+04	-284.49	1.801e+06	1.051e+05	2.333e+04
5	6	136.00	-2.238e+04	-1.641e+04	-274.49	1.711e+06	1.057e+05	2.409e+04
5	6	140.00	-2.211e+04	-1.648e+04	-281.15	1.674e+06	1.066e+05	2.485e+04
5	6	144.00	-2.202e+04	-1.658e+04	-301.46	1.658e+06	1.070e+05	2.571e+04
5	6	148.00	-2.204e+04	-1.666e+04	-316.55	1.645e+06	1.069e+05	2.662e+04
5	6	152.00	-2.221e+04	-1.663e+04	-314.98	1.616e+06	1.072e+05	2.742e+04
5	6	156.00	-2.256e+04	-1.651e+04	-303.68	1.551e+06	1.079e+05	2.804e+04
5	6	160.00	-2.308e+04	-1.644e+04	-301.80	1.429e+06	1.084e+05	2.806e+04
5	6	165.00	-2.229e+04	-1.643e+04	-262.65	1.249e+06	1.101e+05	2.782e+04
5	6	170.00	-2.174e+04	-1.644e+04	-256.31	1.150e+06	1.087e+05	2.882e+04
5	6	175.00	-2.145e+04	-1.649e+04	-281.44	1.106e+06	1.047e+05	3.006e+04
5	6	180.00	-2.134e+04	-1.656e+04	-319.88	1.086e+06	1.014e+05	3.153e+04

5	6	185.00	-2.146e+04	-1.660e+04	-348.29	1.066e+06	9.896e+04	3.306e+04
5	6	190.00	-2.170e+04	-1.656e+04	-354.65	1.028e+06	9.706e+04	3.447e+04
5	6	192.00	-2.186e+04	-1.652e+04	-347.79	9.999e+05	9.649e+04	3.498e+04
5	6	195.00	-2.167e+04	-1.645e+04	-287.10	8.706e+05	9.117e+04	3.537e+04
5	6	198.00	-2.153e+04	-1.640e+04	-221.21	7.337e+05	8.678e+04	3.596e+04
5	6	200.00	-2.150e+04	-1.640e+04	-216.27	6.585e+05	8.442e+04	3.639e+04
5	6	204.00	-2.114e+04	-1.643e+04	-227.06	5.928e+05	8.911e+04	3.753e+04
5	6	210.00	-2.083e+04	-1.647e+04	-286.09	5.425e+05	9.459e+04	4.001e+04
5	6	216.00	-2.073e+04	-1.652e+04	-199.03	5.169e+05	1.038e+05	4.284e+04
5	6	222.00	-2.080e+04	-1.655e+04	-107.96	4.930e+05	1.125e+05	4.570e+04
5	6	224.00	-2.090e+04	-1.655e+04	-90.04	4.788e+05	1.152e+05	4.661e+04
5	6	228.00	-2.063e+04	-1.655e+04	81.98	3.488e+05	1.171e+05	4.801e+04
5	6	231.00	-2.049e+04	-1.653e+04	194.48	2.409e+05	1.192e+05	4.878e+04
5	6	234.00	-2.042e+04	-1.647e+04	159.73	1.631e+05	1.209e+05	5.007e+04
5	6	238.00	-2.034e+04	-1.641e+04	138.86	6.753e+04	1.239e+05	5.215e+04
5	6	240.00	-2.033e+04	-1.640e+04	170.78	3.263e+04	1.251e+05	5.337e+04
5	6	245.00	-2.011e+04	-1.643e+04	201.49	-7357.91	1.305e+05	5.743e+04
5	6	252.00	-2.002e+04	-1.645e+04	189.70	-4.119e+04	1.377e+05	6.295e+04
5	6	256.00	-2.007e+04	-1.647e+04	188.53	-5.909e+04	1.418e+05	6.596e+04
5	6	259.00	-1.982e+04	-1.656e+04	421.17	-1.377e+05	1.400e+05	6.793e+04
5	6	264.00	-1.953e+04	-1.640e+04	809.67	-2.731e+05	1.459e+05	7.247e+04
5	6	266.00	-1.944e+04	-1.640e+04	773.74	-3.159e+05	1.475e+05	7.478e+04
5	6	272.00	-1.957e+04	-1.631e+04	694.77	-4.391e+05	1.521e+05	8.455e+04
5	6	273.00	-1.957e+04	-1.626e+04	695.15	-4.557e+05	1.527e+05	8.563e+04
5	6	280.00	-1.936e+04	-1.608e+04	806.10	-5.154e+05	1.563e+05	9.328e+04
5	6	288.00	-1.926e+04	-1.615e+04	802.95	-5.631e+05	1.652e+05	1.010e+05
5	6	296.00	-1.797e+04	-1.554e+04	-3388.38	-8.817e+05	1.137e+05	1.176e+05
5	6	297.00	-1.758e+04	-1.490e+04	-3914.82	-9.684e+05	1.284e+05	1.561e+05
5	6	304.00	-1.651e+04	-1.510e+04	-4020.26	-1.232e+06	1.483e+05	1.962e+05
5	6	306.00	-1.701e+04	-1.536e+04	-4040.99	-1.234e+06	1.504e+05	2.040e+05
5	6	312.00	-1.693e+04	-1.559e+04	-3766.47	-1.298e+06	1.570e+05	2.176e+05
5	6	315.00	-1.766e+04	-1.611e+04	-3454.95	-1.435e+06	1.569e+05	2.211e+05
5	6	320.00	-1.611e+04	-1.472e+04	-2832.70	-1.102e+06	1.535e+05	2.169e+05
5	6	324.00	-1.516e+04	-1.578e+04	-916.33	-1.162e+06	5.972e+04	4.590e+04
5	6	325.00	-1.457e+04	-1.541e+04	-417.72	-1.257e+06	8.483e+04	6.862e+04
5	6	330.00	-1.355e+04	-1.570e+04	122.55	-1.325e+06	8.184e+04	2.135e+04
5	6	333.00	-1.333e+04	-1.551e+04	396.93	-1.287e+06	8.667e+04	5102.95
5	6	335.00	-1.325e+04	-1.548e+04	620.15	-1.258e+06	8.834e+04	-2651.88
5	6	340.00	-1.266e+04	-1.507e+04	790.44	-1.264e+06	9.444e+04	-1.685e+04
5	6	342.00	-1.258e+04	-1.490e+04	879.88	-1.241e+06	9.724e+04	-2.203e+04
5	6	345.00	-1.253e+04	-1.483e+04	1045.79	-1.213e+06	9.979e+04	-2.865e+04
5	6	350.00	-1.211e+04	-1.402e+04	1177.64	-1.188e+06	1.050e+05	-3.941e+04
5	6	351.00	-1.207e+04	-1.383e+04	1203.86	-1.171e+06	1.063e+05	-4.174e+04
5	6	355.00	-1.260e+04	-1.417e+04	1463.52	-1.186e+06	1.086e+05	-4.304e+04
5	6	360.00	-1.587e+04	-1.013e+04	1691.13	-1.463e+06	1.265e+05	-5.976e+04
5	6	365.00	-1.443e+04	-7022.88	1158.44	-1.171e+06	1.160e+05	-5.513e+04
5	6	370.00	-1.297e+04	-4403.79	717.87	-9.527e+05	1.077e+05	-5.410e+04
5	6	375.00	-1.201e+04	-3242.33	42.40	-7.533e+05	1.020e+05	-5.759e+04
5	6	380.00	-1.088e+04	-2186.62	-275.39	-6.193e+05	9.762e+04	-6.360e+04
5	6	385.00	-1.086e+04	-3425.70	-963.09	-4.681e+05	9.577e+04	-7.620e+04
5	6	390.00	-1.159e+04	-5017.86	-536.25	-3.203e+05	9.519e+04	-8.488e+04
5	6	395.00	-1.435e+04	-9618.07	-1210.43	-1.355e+05	9.189e+04	-1.002e+05
5	26	0.0	-2.508e+04	-1.269e+04	1128.84	2.487e+06	-4.059e+04	899.64
5	26	32.00	-2.507e+04	-1.266e+04	1128.84	2.377e+06	2964.60	1185.21
5	26	33.00	-2.423e+04	-1.228e+04	967.76	2.203e+06	-547.04	2706.57
5	26	34.00	-2.418e+04	-1.241e+04	968.63	2.193e+06	-4001.70	2956.35
5	26	35.00	-2.404e+04	-1.255e+04	985.70	2.178e+06	-6447.25	3580.31
5	26	36.00	-2.395e+04	-1.269e+04	1003.36	2.172e+06	-8362.84	3036.22
5	26	37.00	-2.388e+04	-1.283e+04	1020.29	2.171e+06	-9980.42	3060.13
5	26	38.00	-2.384e+04	-1.297e+04	1031.92	2.172e+06	-1.148e+04	3170.80
5	26	39.00	-2.373e+04	-1.307e+04	1035.30	2.185e+06	-1.288e+04	3294.38
5	26	40.00	-2.440e+04	-1.268e+04	913.77	2.046e+06	-1.336e+04	1821.35
5	26	64.00	-2.439e+04	-1.268e+04	913.77	1.962e+06	1.968e+04	2051.46
5	26	66.00	-2.368e+04	-1.251e+04	859.28	1.811e+06	1.776e+04	2885.22
5	26	68.00	-2.341e+04	-1.247e+04	851.87	1.765e+06	1.627e+04	3495.73
5	26	70.00	-2.328e+04	-1.258e+04	857.36	1.748e+06	1.514e+04	4088.40
5	26	72.00	-2.319e+04	-1.271e+04	864.47	1.739e+06	1.452e+04	2396.83
5	26	74.00	-2.313e+04	-1.283e+04	871.25	1.735e+06	1.423e+04	2403.88
5	26	76.00	-2.309e+04	-1.292e+04	875.80	1.732e+06	1.417e+04	2392.81
5	26	78.00	-2.319e+04	-1.283e+04	869.86	1.710e+06	1.445e+04	2303.41
5	26	80.00	-2.371e+04	-1.266e+04	825.85	1.599e+06	1.472e+04	1742.94
5	26	96.00	-2.371e+04	-1.267e+04	825.85	1.541e+06	3.681e+04	1648.89
5	26	99.00	-2.306e+04	-1.259e+04	807.40	1.401e+06	2.970e+04	2078.34
5	26	102.00	-2.271e+04	-1.255e+04	801.03	1.339e+06	2.393e+04	-3237.21
5	26	105.00	-2.253e+04	-1.261e+04	797.41	1.314e+06	1.921e+04	-5686.56
5	26	108.00	-2.244e+04	-1.271e+04	793.26	1.302e+06	1.762e+04	-5323.84
5	26	111.00	-2.240e+04	-1.280e+04	790.75	1.294e+06	1.879e+04	-4922.79

5	26	114.00	-2.243e+04	-1.281e+04	790.55	1.281e+06	2.025e+04	-4549.32
5	26	117.00	-2.261e+04	-1.272e+04	787.48	1.245e+06	2.190e+04	-4244.07
5	26	120.00	-2.301e+04	-1.263e+04	769.59	1.151e+06	2.351e+04	-3902.23
5	26	128.00	-2.301e+04	-1.264e+04	769.59	1.121e+06	3.450e+04	-3126.18
5	26	132.00	-2.241e+04	-1.261e+04	775.61	9.842e+05	4.023e+04	-5775.92
5	26	136.00	-2.201e+04	-1.259e+04	772.91	9.127e+05	4.594e+04	-5247.82
5	26	140.00	-2.180e+04	-1.263e+04	759.37	8.805e+05	5.158e+04	-4545.49
5	26	144.00	-2.170e+04	-1.271e+04	742.99	8.646e+05	5.482e+04	-3684.99
5	26	148.00	-2.169e+04	-1.276e+04	731.28	8.520e+05	5.586e+04	-2785.89
5	26	152.00	-2.177e+04	-1.274e+04	727.25	8.311e+05	5.807e+04	-1946.44
5	26	156.00	-2.198e+04	-1.265e+04	728.97	7.869e+05	6.137e+04	-1205.59
5	26	160.00	-2.230e+04	-1.260e+04	727.91	7.057e+05	6.473e+04	-701.05
5	26	165.00	-2.172e+04	-1.259e+04	765.13	5.675e+05	7.010e+04	-3636.60
5	26	170.00	-2.130e+04	-1.260e+04	761.72	4.886e+05	7.452e+04	-2521.41
5	26	175.00	-2.107e+04	-1.264e+04	732.63	4.501e+05	7.821e+04	-1015.00
5	26	180.00	-2.097e+04	-1.269e+04	703.12	4.300e+05	8.213e+04	729.95
5	26	185.00	-2.110e+04	-1.272e+04	682.15	4.093e+05	8.624e+04	2456.62
5	26	190.00	-2.123e+04	-1.268e+04	673.02	3.805e+05	8.947e+04	4037.27
5	26	192.00	-2.132e+04	-1.265e+04	675.72	3.603e+05	9.060e+04	4620.06
5	26	195.00	-2.115e+04	-1.259e+04	728.48	2.683e+05	9.053e+04	5461.72
5	26	198.00	-2.100e+04	-1.256e+04	788.99	1.718e+05	9.136e+04	6342.79
5	26	200.00	-2.095e+04	-1.256e+04	789.29	1.204e+05	9.212e+04	7032.53
5	26	204.00	-2.068e+04	-1.258e+04	774.15	6.752e+04	9.684e+04	8577.66
5	26	210.00	-2.044e+04	-1.262e+04	719.67	2.263e+04	1.035e+05	1.169e+04
5	26	216.00	-2.034e+04	-1.266e+04	721.29	-2934.79	1.113e+05	1.498e+04
5	26	222.00	-2.032e+04	-1.268e+04	731.89	-2.433e+04	1.189e+05	1.809e+04
5	26	224.00	-2.038e+04	-1.268e+04	733.66	-3.596e+04	1.215e+05	1.906e+04
5	26	228.00	-2.016e+04	-1.266e+04	877.36	-1.320e+05	1.252e+05	2.097e+04
5	26	231.00	-2.003e+04	-1.264e+04	987.73	-2.114e+05	1.290e+05	2.232e+04
5	26	234.00	-1.993e+04	-1.258e+04	947.74	-2.664e+05	1.323e+05	2.424e+04
5	26	238.00	-1.982e+04	-1.253e+04	923.58	-3.297e+05	1.372e+05	2.736e+04
5	26	240.00	-1.976e+04	-1.254e+04	930.63	-3.503e+05	1.394e+05	2.892e+04
5	26	245.00	-1.959e+04	-1.257e+04	903.08	-3.871e+05	1.455e+05	3.344e+04
5	26	252.00	-1.950e+04	-1.261e+04	872.65	-4.207e+05	1.537e+05	3.928e+04
5	26	256.00	-1.953e+04	-1.263e+04	860.72	-4.381e+05	1.587e+05	4.238e+04
5	26	259.00	-1.934e+04	-1.270e+04	1087.90	-4.962e+05	1.595e+05	4.567e+04
5	26	264.00	-1.912e+04	-1.249e+04	1469.17	-5.972e+05	1.692e+05	5.165e+04
5	26	266.00	-1.903e+04	-1.250e+04	1410.84	-6.321e+05	1.719e+05	5.389e+04
5	26	272.00	-1.908e+04	-1.241e+04	1258.57	-7.221e+05	1.795e+05	6.420e+04
5	26	273.00	-1.906e+04	-1.236e+04	1251.44	-7.335e+05	1.807e+05	6.541e+04
5	26	280.00	-1.871e+04	-1.226e+04	1322.70	-7.532e+05	1.877e+05	7.404e+04
5	26	288.00	-1.863e+04	-1.237e+04	1294.64	-8.004e+05	1.986e+05	8.261e+04
5	26	296.00	-1.759e+04	-1.186e+04	-2927.97	-1.059e+06	1.575e+05	1.077e+05
5	26	297.00	-1.723e+04	-1.124e+04	-3457.85	-1.139e+06	1.726e+05	1.468e+05
5	26	304.00	-1.611e+04	-1.150e+04	-3652.13	-1.395e+06	1.907e+05	1.883e+05
5	26	306.00	-1.658e+04	-1.176e+04	-3697.30	-1.391e+06	1.925e+05	1.962e+05
5	26	312.00	-1.637e+04	-1.198e+04	-3484.93	-1.437e+06	1.995e+05	2.097e+05
5	26	315.00	-1.702e+04	-1.254e+04	-3188.92	-1.559e+06	2.003e+05	2.132e+05
5	26	320.00	-1.529e+04	-1.120e+04	-2597.60	-1.199e+06	1.977e+05	2.088e+05
5	26	324.00	-1.431e+04	-1.236e+04	-813.23	-1.278e+06	9.903e+04	3.031e+04
5	26	325.00	-1.371e+04	-1.201e+04	-350.49	-1.378e+06	1.250e+05	5.194e+04
5	26	330.00	-1.284e+04	-1.248e+04	244.82	-1.425e+06	1.202e+05	4038.41
5	26	333.00	-1.266e+04	-1.242e+04	505.17	-1.382e+06	1.238e+05	-1.284e+04
5	26	335.00	-1.260e+04	-1.247e+04	711.52	-1.350e+06	1.248e+05	-2.094e+04
5	26	340.00	-1.209e+04	-1.231e+04	825.92	-1.340e+06	1.297e+05	-3.571e+04
5	26	342.00	-1.203e+04	-1.224e+04	896.24	-1.313e+06	1.319e+05	-4.103e+04
5	26	345.00	-1.200e+04	-1.231e+04	1030.99	-1.280e+06	1.339e+05	-4.722e+04
5	26	350.00	-1.165e+04	-1.176e+04	1137.90	-1.241e+06	1.370e+05	-5.682e+04
5	26	351.00	-1.163e+04	-1.163e+04	1154.78	-1.221e+06	1.379e+05	-5.897e+04
5	26	355.00	-1.205e+04	-1.212e+04	1291.56	-1.219e+06	1.398e+05	-5.918e+04
5	26	360.00	-1.523e+04	-8308.58	1421.54	-1.469e+06	1.571e+05	-7.491e+04
5	26	365.00	-1.388e+04	-5511.24	838.29	-1.178e+06	1.451e+05	-6.971e+04
5	26	370.00	-1.253e+04	-3258.69	396.43	-9.588e+05	1.349e+05	-6.752e+04
5	26	375.00	-1.167e+04	-2400.42	-314.76	-7.594e+05	1.269e+05	-6.976e+04
5	26	380.00	-1.066e+04	-1745.11	-581.77	-6.233e+05	1.196e+05	-7.413e+04
5	26	385.00	-1.071e+04	-3239.68	-1303.48	-4.727e+05	1.141e+05	-8.525e+04
5	26	390.00	-1.157e+04	-5140.64	-815.93	-3.223e+05	1.088e+05	-9.110e+04
5	26	395.00	-1.442e+04	-9842.15	-1460.71	-1.355e+05	1.004e+05	-1.040e+05
5	27	0.0	-2.394e+04	6051.95	1579.28	-4.023e+06	-2.975e+05	-2456.62
5	27	32.00	-2.394e+04	6075.90	1579.28	-4.134e+06	-2.531e+05	-8780.97
5	27	33.00	-2.458e+04	5699.67	1408.21	-2.472e+06	-2.472e+05	-1.043e+04
5	27	34.00	-2.446e+04	5822.13	1411.42	-4.026e+06	-2.410e+05	-1.112e+04
5	27	35.00	-2.440e+04	5959.31	1432.39	-4.035e+06	-2.359e+05	-1.206e+04
5	27	36.00	-2.429e+04	6099.72	1456.23	-4.041e+06	-2.312e+05	-1.153e+04
5	27	37.00	-2.416e+04	6235.81	1478.17	-4.040e+06	-2.267e+05	-1.130e+04
5	27	38.00	-2.398e+04	6362.26	1497.71	-4.028e+06	-2.222e+05	-1.097e+04
5	27	39.00	-2.388e+04	6455.30	1489.23	-4.016e+06	-2.178e+05	-1.075e+04

5	27	40.00	-2.295e+04	6051.13	1331.34	-3.831e+06	-2.148e+05	-9255.64
5	27	64.00	-2.294e+04	6055.05	1331.34	-3.915e+06	-1.819e+05	-1.201e+04
5	27	66.00	-2.348e+04	5879.40	1273.99	-3.813e+06	-1.747e+05	-1.281e+04
5	27	68.00	-2.356e+04	5839.03	1267.04	-3.808e+06	-1.679e+05	-1.326e+04
5	27	70.00	-2.349e+04	5953.98	1276.89	-3.820e+06	-1.613e+05	-1.357e+04
5	27	72.00	-2.339e+04	6089.05	1290.51	-3.829e+06	-1.551e+05	-1.151e+04
5	27	74.00	-2.323e+04	6213.22	1303.65	-3.831e+06	-1.492e+05	-1.112e+04
5	27	76.00	-2.305e+04	6293.33	1310.72	-3.821e+06	-1.434e+05	-1.079e+04
5	27	78.00	-2.270e+04	6199.47	1295.68	-3.778e+06	-1.381e+05	-1.052e+04
5	27	80.00	-2.195e+04	6042.33	1251.75	-3.634e+06	-1.330e+05	-9947.70
5	27	96.00	-2.195e+04	6035.04	1251.75	-3.691e+06	-1.111e+05	-9363.58
5	27	99.00	-2.242e+04	5949.68	1233.51	-3.607e+06	-9.592e+04	-9569.11
5	27	102.00	-2.259e+04	5902.14	1228.84	-3.592e+06	-8.199e+04	-3862.75
5	27	105.00	-2.258e+04	5968.56	1229.79	-3.603e+06	-6.902e+04	-828.92
5	27	108.00	-2.248e+04	6080.62	1233.89	-3.615e+06	-5.910e+04	-438.72
5	27	111.00	-2.230e+04	6176.29	1238.31	-3.620e+06	-5.194e+04	-27.86
5	27	114.00	-2.204e+04	6196.29	1237.93	-3.607e+06	-4.508e+04	342.97
5	27	117.00	-2.161e+04	6107.28	1227.91	-3.555e+06	-3.848e+04	678.74
5	27	120.00	-2.096e+04	6023.04	1213.61	-3.435e+06	-3.194e+04	835.96
5	27	128.00	-2.096e+04	6012.10	1213.61	-3.465e+06	-2.103e+04	1359.46
5	27	132.00	-2.138e+04	5967.31	1222.93	-3.394e+06	-1.586e+04	4733.02
5	27	136.00	-2.161e+04	5938.09	1223.31	-3.375e+06	-1.050e+04	5157.21
5	27	140.00	-2.165e+04	5983.24	1215.75	-3.385e+06	-4966.62	5728.52
5	27	144.00	-2.156e+04	6064.73	1211.48	-3.401e+06	2892.99	6450.21
5	27	148.00	-2.135e+04	6127.55	1209.02	-3.408e+06	1.283e+04	7221.07
5	27	152.00	-2.103e+04	6125.99	1204.67	-3.393e+06	2.149e+04	7959.46
5	27	156.00	-2.056e+04	6054.60	1200.87	-3.340e+06	2.900e+04	8641.36
5	27	160.00	-1.997e+04	5992.36	1203.85	-3.237e+06	3.642e+04	9382.98
5	27	165.00	-2.038e+04	5961.30	1245.28	-3.175e+06	4.474e+04	1.384e+04
5	27	170.00	-2.063e+04	5949.78	1246.92	-3.157e+06	5.448e+04	1.470e+04
5	27	175.00	-2.071e+04	5984.85	1227.62	-3.169e+06	6.498e+04	1.591e+04
5	27	180.00	-2.062e+04	6034.70	1215.09	-3.189e+06	7.487e+04	1.737e+04
5	27	185.00	-2.028e+04	6069.68	1207.24	-3.196e+06	8.424e+04	1.886e+04
5	27	190.00	-1.990e+04	6065.42	1201.03	-3.181e+06	9.426e+04	2.026e+04
5	27	192.00	-1.972e+04	6044.22	1201.98	-3.165e+06	9.844e+04	2.079e+04
5	27	195.00	-1.960e+04	6018.96	1253.32	-3.084e+06	1.062e+05	2.146e+04
5	27	198.00	-1.948e+04	5983.16	1315.02	-3.000e+06	1.138e+05	2.205e+04
5	27	200.00	-1.934e+04	5958.18	1317.98	-2.944e+06	1.187e+05	2.260e+04
5	27	204.00	-1.954e+04	5963.26	1308.21	-2.934e+06	1.260e+05	2.380e+04
5	27	210.00	-1.963e+04	5980.47	1271.17	-2.950e+06	1.366e+05	2.642e+04
5	27	216.00	-1.954e+04	5988.19	1207.31	-2.976e+06	1.450e+05	2.932e+04
5	27	222.00	-1.936e+04	5994.65	1154.83	-2.993e+06	1.531e+05	3.212e+04
5	27	224.00	-1.924e+04	5987.04	1144.45	-2.992e+06	1.556e+05	3.298e+04
5	27	228.00	-1.920e+04	6010.15	1263.77	-2.931e+06	1.619e+05	3.467e+04
5	27	231.00	-1.911e+04	5998.09	1372.33	-2.883e+06	1.674e+05	3.578e+04
5	27	234.00	-1.894e+04	6039.43	1336.55	-2.829e+06	1.730e+05	3.750e+04
5	27	238.00	-1.880e+04	6079.21	1315.98	-2.755e+06	1.807e+05	4.057e+04
5	27	240.00	-1.862e+04	6047.95	1303.67	-2.718e+06	1.841e+05	4.216e+04
5	27	245.00	-1.866e+04	6009.79	1233.14	-2.737e+06	1.918e+05	4.662e+04
5	27	252.00	-1.859e+04	5933.45	1190.18	-2.771e+06	2.016e+05	5.243e+04
5	27	256.00	-1.847e+04	5899.16	1171.98	-2.786e+06	2.065e+05	5.550e+04
5	27	259.00	-1.855e+04	5879.42	1394.17	-2.756e+06	2.113e+05	5.920e+04
5	27	264.00	-1.854e+04	6175.51	1766.97	-2.706e+06	2.247e+05	6.590e+04
5	27	266.00	-1.845e+04	6175.72	1690.76	-2.696e+06	2.287e+05	6.890e+04
5	27	272.00	-1.827e+04	6281.03	1480.24	-2.618e+06	2.386e+05	8.174e+04
5	27	273.00	-1.817e+04	6311.24	1466.26	-2.606e+06	2.398e+05	8.337e+04
5	27	280.00	-1.755e+04	6266.50	1490.21	-2.500e+06	2.482e+05	9.504e+04
5	27	288.00	-1.751e+04	6006.76	1438.25	-2.546e+06	2.559e+05	1.064e+05
5	27	296.00	-1.721e+04	6106.47	-1906.37	-2.600e+06	2.540e+05	1.637e+05
5	27	297.00	-1.690e+04	6695.43	-2325.54	-2.654e+06	2.702e+05	2.057e+05
5	27	304.00	-1.562e+04	6274.78	-2775.52	-2.809e+06	2.689e+05	2.571e+05
5	27	306.00	-1.596e+04	6003.83	-2895.63	-2.765e+06	2.665e+05	2.672e+05
5	27	312.00	-1.523e+04	5728.82	-2864.72	-2.697e+06	2.602e+05	2.843e+05
5	27	315.00	-1.580e+04	5213.38	-2642.22	-2.788e+06	2.549e+05	2.886e+05
5	27	320.00	-1.376e+04	6658.25	-2175.09	-2.382e+06	2.475e+05	2.842e+05
5	27	324.00	-1.315e+04	5127.72	-902.97	-2.398e+06	1.206e+05	6.375e+04
5	27	325.00	-1.261e+04	5398.77	-571.47	-2.483e+06	1.510e+05	7.891e+04
5	27	330.00	-1.232e+04	4123.20	227.55	-2.399e+06	1.387e+05	2.315e+04
5	27	333.00	-1.234e+04	3469.30	488.09	-2.311e+06	1.385e+05	1133.53
5	27	335.00	-1.233e+04	3024.67	680.75	-2.247e+06	1.388e+05	-9849.50
5	27	340.00	-1.220e+04	1983.02	782.21	-2.111e+06	1.387e+05	-2.984e+04
5	27	342.00	-1.221e+04	1526.98	830.38	-2.047e+06	1.392e+05	-3.671e+04
5	27	345.00	-1.215e+04	771.48	960.38	-1.950e+06	1.401e+05	-4.472e+04
5	27	350.00	-1.190e+04	-46.93	1078.99	-1.777e+06	1.429e+05	-5.664e+04
5	27	351.00	-1.187e+04	-171.60	1094.36	-1.735e+06	1.437e+05	-5.924e+04
5	27	355.00	-1.183e+04	-1808.30	1118.98	-1.601e+06	1.450e+05	-6.228e+04
5	27	360.00	-1.448e+04	352.22	1142.81	-1.673e+06	1.623e+05	-8.020e+04

5	27	365.00	-1.406e+04	1775.15	581.13	-1.380e+06	1.533e+05	-7.686e+04
5	27	370.00	-1.361e+04	2420.79	183.23	-1.145e+06	1.457e+05	-7.613e+04
5	27	375.00	-1.361e+04	2001.42	-478.43	-9.179e+05	1.401e+05	-7.992e+04
5	27	380.00	-1.340e+04	1067.57	-915.06	-7.436e+05	1.347e+05	-8.573e+04
5	27	385.00	-1.409e+04	-1377.08	-1626.58	-5.494e+05	1.305e+05	-9.382e+04
5	27	390.00	-1.515e+04	-4327.24	-1274.17	-3.609e+05	1.262e+05	-1.001e+05
5	27	395.00	-1.776e+04	-9371.95	-1818.63	-1.355e+05	1.143e+05	-1.112e+05
5	38	0.0	-2.502e+04	-9608.96	700.00	1.381e+06	-5.132e+04	1059.60
5	38	32.00	-2.501e+04	-9585.01	700.00	1.271e+06	-7747.10	1270.27
5	38	33.00	-2.441e+04	-9324.17	526.78	1.147e+06	-9883.99	2407.24
5	38	34.00	-2.435e+04	-9417.85	553.20	1.135e+06	-1.231e+04	2468.17
5	38	35.00	-2.423e+04	-9510.91	563.63	1.121e+06	-1.406e+04	2854.90
5	38	36.00	-2.413e+04	-9604.53	581.66	1.115e+06	-1.546e+04	3101.11
5	38	37.00	-2.405e+04	-9697.91	597.72	1.115e+06	-1.670e+04	3480.99
5	38	38.00	-2.399e+04	-9789.87	607.64	1.117e+06	-1.794e+04	3898.96
5	38	39.00	-2.388e+04	-9862.62	622.97	1.119e+06	-1.918e+04	4385.11
5	38	40.00	-2.429e+04	-9606.91	504.72	1.043e+06	-1.960e+04	4045.78
5	38	64.00	-2.428e+04	-9602.99	504.72	9.593e+05	1.341e+04	4383.02
5	38	66.00	-2.377e+04	-9491.57	442.99	8.496e+05	1.262e+04	5050.17
5	38	68.00	-2.356e+04	-9463.71	448.48	8.124e+05	1.205e+04	5521.88
5	38	70.00	-2.345e+04	-9539.03	456.07	7.961e+05	1.165e+04	5988.27
5	38	72.00	-2.335e+04	-9626.14	463.26	7.871e+05	1.155e+04	6179.89
5	38	74.00	-2.328e+04	-9707.43	470.05	7.830e+05	1.164e+04	6560.96
5	38	76.00	-2.321e+04	-9763.14	476.05	7.821e+05	1.183e+04	6900.10
5	38	78.00	-2.324e+04	-9707.83	472.76	7.711e+05	1.224e+04	7055.92
5	38	80.00	-2.355e+04	-9593.85	424.04	7.011e+05	1.258e+04	6327.87
5	38	96.00	-2.355e+04	-9601.14	424.04	6.437e+05	3.463e+04	7326.97
5	38	99.00	-2.309e+04	-9548.40	402.87	5.397e+05	3.443e+04	7899.19
5	38	102.00	-2.282e+04	-9520.35	404.56	4.906e+05	3.463e+04	7553.55
5	38	105.00	-2.267e+04	-9562.86	405.44	4.679e+05	3.508e+04	7602.62
5	38	108.00	-2.258e+04	-9632.06	402.39	4.557e+05	3.609e+04	8114.59
5	38	111.00	-2.252e+04	-9689.67	400.63	4.480e+05	3.761e+04	8650.28
5	38	114.00	-2.250e+04	-9697.50	402.43	4.398e+05	3.927e+04	9122.74
5	38	117.00	-2.258e+04	-9632.39	401.35	4.175e+05	4.100e+04	9430.79
5	38	120.00	-2.282e+04	-9574.78	382.96	3.581e+05	4.259e+04	9758.83
5	38	128.00	-2.282e+04	-9585.72	382.96	3.282e+05	5.360e+04	1.073e+04
5	38	132.00	-2.238e+04	-9564.98	389.11	2.252e+05	5.656e+04	1.089e+04
5	38	136.00	-2.209e+04	-9554.84	393.26	1.683e+05	5.976e+04	1.150e+04
5	38	140.00	-2.191e+04	-9584.38	384.56	1.398e+05	6.310e+04	1.219e+04
5	38	144.00	-2.182e+04	-9632.46	369.28	1.239e+05	6.618e+04	1.302e+04
5	38	148.00	-2.177e+04	-9664.71	358.16	1.122e+05	6.899e+04	1.389e+04
5	38	152.00	-2.179e+04	-9649.35	356.54	9.708e+04	7.200e+04	1.469e+04
5	38	156.00	-2.189e+04	-9587.40	361.24	6.834e+04	7.513e+04	1.535e+04
5	38	160.00	-2.207e+04	-9552.57	362.53	1.617e+04	7.818e+04	1.570e+04
5	38	165.00	-2.164e+04	-9554.85	401.78	-8.963e+04	8.254e+04	1.599e+04
5	38	170.00	-2.134e+04	-9566.28	404.33	-1.526e+05	8.558e+04	1.698e+04
5	38	175.00	-2.116e+04	-9592.30	379.61	-1.866e+05	8.738e+04	1.828e+04
5	38	180.00	-2.106e+04	-9625.26	350.08	-2.067e+05	8.945e+04	1.982e+04
5	38	185.00	-2.106e+04	-9641.77	328.78	-2.237e+05	9.181e+04	2.139e+04
5	38	190.00	-2.111e+04	-9616.91	321.52	-2.453e+05	9.440e+04	2.285e+04
5	38	192.00	-2.116e+04	-9593.39	325.70	-2.598e+05	9.554e+04	2.338e+04
5	38	195.00	-2.100e+04	-9548.62	381.83	-3.244e+05	9.506e+04	2.397e+04
5	38	198.00	-2.086e+04	-9530.37	445.19	-3.927e+05	9.521e+04	2.463e+04
5	38	200.00	-2.079e+04	-9533.46	448.37	-4.274e+05	9.557e+04	2.516e+04
5	38	204.00	-2.060e+04	-9552.76	436.71	-4.698e+05	1.010e+05	2.642e+04
5	38	210.00	-2.041e+04	-9578.21	384.47	-5.098e+05	1.081e+05	2.910e+04
5	38	216.00	-2.032e+04	-9610.36	409.47	-5.354e+05	1.168e+05	3.207e+04
5	38	222.00	-2.030e+04	-9629.27	441.71	-5.568e+05	1.250e+05	3.498e+04
5	38	224.00	-2.033e+04	-9632.39	447.88	-5.663e+05	1.277e+05	3.589e+04
5	38	228.00	-2.013e+04	-9617.41	598.46	-6.375e+05	1.311e+05	3.750e+04
5	38	231.00	-2.001e+04	-9604.66	709.39	-6.971e+05	1.346e+05	3.851e+04
5	38	234.00	-1.991e+04	-9553.56	673.00	-7.344e+05	1.377e+05	4.008e+04
5	38	238.00	-1.980e+04	-9500.80	651.30	-7.771e+05	1.424e+05	4.269e+04
5	38	240.00	-1.974e+04	-9504.39	665.09	-7.895e+05	1.444e+05	4.410e+04
5	38	245.00	-1.960e+04	-9536.09	653.93	-8.232e+05	1.506e+05	4.838e+04
5	38	252.00	-1.951e+04	-9578.58	629.18	-8.569e+05	1.587e+05	5.406e+04
5	38	256.00	-1.951e+04	-9603.42	620.78	-8.739e+05	1.633e+05	5.710e+04
5	38	259.00	-1.937e+04	-9665.19	849.29	-9.188e+05	1.639e+05	5.987e+04
5	38	264.00	-1.917e+04	-9460.11	1231.85	-9.966e+05	1.727e+05	6.535e+04
5	38	266.00	-1.908e+04	-9463.28	1179.49	-1.024e+06	1.752e+05	6.782e+04
5	38	272.00	-1.911e+04	-9368.98	1046.36	-1.085e+06	1.820e+05	7.853e+04
5	38	273.00	-1.907e+04	-9323.87	1040.96	-1.093e+06	1.829e+05	7.979e+04
5	38	280.00	-1.872e+04	-9224.75	1119.01	-1.099e+06	1.886e+05	8.874e+04
5	38	288.00	-1.864e+04	-9349.69	1096.61	-1.146e+06	1.977e+05	9.762e+04
5	38	296.00	-1.768e+04	-8902.98	-2880.99	-1.380e+06	1.619e+05	1.271e+05
5	38	297.00	-1.731e+04	-8282.62	-3380.22	-1.456e+06	1.771e+05	1.667e+05
5	38	304.00	-1.618e+04	-8556.64	-3599.07	-1.689e+06	1.910e+05	2.101e+05

5	38	306.00	-1.663e+04	-8817.96	-3652.16	-1.678e+06	1.918e+05	2.185e+05
5	38	312.00	-1.634e+04	-9057.34	-3457.61	-1.702e+06	1.951e+05	2.331e+05
5	38	315.00	-1.701e+04	-9585.95	-3173.47	-1.823e+06	1.939e+05	2.368e+05
5	38	320.00	-1.529e+04	-8194.68	-2599.95	-1.464e+06	1.897e+05	2.324e+05
5	38	324.00	-1.442e+04	-9402.45	-886.78	-1.518e+06	8.591e+04	4.652e+04
5	38	325.00	-1.384e+04	-9065.37	-441.30	-1.611e+06	1.127e+05	6.698e+04
5	38	330.00	-1.305e+04	-9658.32	181.42	-1.634e+06	1.067e+05	1.732e+04
5	38	333.00	-1.290e+04	-9724.06	448.56	-1.581e+06	1.099e+05	-599.08
5	38	335.00	-1.285e+04	-9838.45	659.42	-1.542e+06	1.110e+05	-9289.85
5	38	340.00	-1.240e+04	-9873.65	797.21	-1.507e+06	1.152e+05	-2.515e+04
5	38	342.00	-1.234e+04	-9896.80	870.91	-1.472e+06	1.173e+05	-3.081e+04
5	38	345.00	-1.230e+04	-1.008e+04	1019.39	-1.424e+06	1.192e+05	-3.768e+04
5	38	350.00	-1.194e+04	-9763.48	1141.40	-1.357e+06	1.232e+05	-4.845e+04
5	38	351.00	-1.191e+04	-9671.59	1162.37	-1.332e+06	1.243e+05	-5.080e+04
5	38	355.00	-1.226e+04	-1.039e+04	1328.49	-1.304e+06	1.262e+05	-5.227e+04
5	38	360.00	-1.534e+04	-6905.80	1477.28	-1.520e+06	1.438e+05	-6.905e+04
5	38	365.00	-1.420e+04	-4321.12	923.92	-1.228e+06	1.333e+05	-6.461e+04
5	38	370.00	-1.303e+04	-2315.34	494.24	-1.005e+06	1.247e+05	-6.336e+04
5	38	375.00	-1.235e+04	-1647.67	-186.83	-7.985e+05	1.184e+05	-6.660e+04
5	38	380.00	-1.149e+04	-1218.21	-522.62	-6.533e+05	1.131e+05	-7.213e+04
5	38	385.00	-1.168e+04	-2840.17	-1225.32	-4.909e+05	1.096e+05	-8.317e+04
5	38	390.00	-1.253e+04	-4869.04	-802.26	-3.316e+05	1.069e+05	-9.048e+04
5	38	395.00	-1.527e+04	-9612.70	-1434.80	-1.355e+05	9.999e+04	-1.041e+05
5	58	0.0	-2.478e+04	-7719.62	1244.77	7.598e+05	-1.082e+05	24.18
5	58	32.00	-2.478e+04	-7695.67	1244.77	6.495e+05	-6.443e+04	-1428.24
5	58	33.00	-2.433e+04	-7510.88	1081.00	5.558e+05	-6.545e+04	-745.60
5	58	34.00	-2.426e+04	-7578.31	1082.65	5.427e+05	-6.637e+04	-745.06
5	58	35.00	-2.414e+04	-7644.23	1100.71	5.298e+05	-6.681e+04	-532.11
5	58	36.00	-2.405e+04	-7710.25	1120.03	5.240e+05	-6.698e+04	-788.08
5	58	37.00	-2.396e+04	-7776.60	1138.30	5.235e+05	-6.699e+04	-706.85
5	58	38.00	-2.388e+04	-7842.75	1152.01	5.270e+05	-6.692e+04	-534.80
5	58	39.00	-2.377e+04	-7895.57	1152.44	5.396e+05	-6.679e+04	-383.71
5	58	40.00	-2.401e+04	-7715.39	1021.34	4.863e+05	-6.634e+04	-1064.41
5	58	64.00	-2.401e+04	-7711.47	1021.34	4.024e+05	-3.332e+04	-1616.10
5	58	66.00	-2.363e+04	-7634.70	966.08	3.183e+05	-3.284e+04	-1212.85
5	58	68.00	-2.345e+04	-7614.57	958.88	2.864e+05	-3.215e+04	-882.50
5	58	70.00	-2.334e+04	-7666.96	965.55	2.706e+05	-3.124e+04	-528.39
5	58	72.00	-2.325e+04	-7727.42	974.39	2.616e+05	-3.007e+04	-1217.89
5	58	74.00	-2.316e+04	-7784.02	982.86	2.578e+05	-2.872e+04	-1106.96
5	58	76.00	-2.308e+04	-7823.27	988.10	2.582e+05	-2.725e+04	-1025.46
5	58	78.00	-2.307e+04	-7785.24	979.77	2.540e+05	-2.564e+04	-1020.42
5	58	80.00	-2.325e+04	-7703.37	935.71	2.103e+05	-2.409e+04	-1279.11
5	58	96.00	-2.325e+04	-7710.66	935.71	1.529e+05	-2063.88	-1187.58
5	58	99.00	-2.290e+04	-7674.50	917.33	7.161e+04	-3268.76	-923.93
5	58	102.00	-2.268e+04	-7654.94	911.47	3.034e+04	-3831.70	-3310.23
5	58	105.00	-2.255e+04	-7683.95	909.09	9183.38	-3869.29	-4301.25
5	58	108.00	-2.245e+04	-7731.25	907.11	-3067.47	-2425.06	-3930.44
5	58	111.00	-2.238e+04	-7770.11	906.41	-1.033e+04	324.87	-3526.23
5	58	114.00	-2.233e+04	-7773.96	906.16	-1.598e+04	3202.73	-3153.37
5	58	117.00	-2.235e+04	-7726.97	901.24	-2.909e+04	6150.30	-2840.88
5	58	120.00	-2.247e+04	-7686.47	884.37	-6.606e+04	9050.69	-2548.27
5	58	128.00	-2.247e+04	-7697.41	884.37	-9.603e+04	2.002e+04	-1838.15
5	58	132.00	-2.214e+04	-7684.22	891.29	-1.778e+05	2.559e+04	-2887.66
5	58	136.00	-2.191e+04	-7677.87	889.44	-2.255e+05	3.120e+04	-2386.46
5	58	140.00	-2.177e+04	-7698.06	877.51	-2.518e+05	3.680e+04	-1718.69
5	58	144.00	-2.167e+04	-7730.68	864.27	-2.677e+05	4.126e+04	-895.09
5	58	148.00	-2.160e+04	-7751.08	854.94	-2.788e+05	4.465e+04	-30.41
5	58	152.00	-2.158e+04	-7736.75	850.80	-2.903e+05	4.856e+04	781.33
5	58	156.00	-2.160e+04	-7690.60	851.06	-3.087e+05	5.294e+04	1504.92
5	58	160.00	-2.169e+04	-7667.98	851.17	-3.411e+05	5.735e+04	2071.25
5	58	165.00	-2.137e+04	-7672.63	889.55	-4.263e+05	6.349e+04	1099.21
5	58	170.00	-2.113e+04	-7682.62	887.49	-4.795e+05	6.931e+04	2147.35
5	58	175.00	-2.098e+04	-7701.49	860.98	-5.108e+05	7.478e+04	3574.05
5	58	180.00	-2.088e+04	-7725.48	835.88	-5.309e+05	8.027e+04	5242.82
5	58	185.00	-2.088e+04	-7735.58	818.30	-5.479e+05	8.576e+04	6907.08
5	58	190.00	-2.088e+04	-7712.70	809.89	-5.652e+05	9.080e+04	8439.11
5	58	192.00	-2.090e+04	-7694.49	812.12	-5.758e+05	9.274e+04	9006.29
5	58	195.00	-2.074e+04	-7656.61	864.54	-6.220e+05	9.475e+04	9803.15
5	58	198.00	-2.060e+04	-7644.53	925.41	-6.706e+05	9.736e+04	1.061e+04
5	58	200.00	-2.052e+04	-7650.39	926.42	-6.937e+05	9.919e+04	1.126e+04
5	58	204.00	-2.038e+04	-7665.56	912.70	-7.298e+05	1.046e+05	1.271e+04
5	58	210.00	-2.022e+04	-7687.90	862.76	-7.672e+05	1.123e+05	1.569e+04
5	58	216.00	-2.013e+04	-7715.41	847.21	-7.927e+05	1.203e+05	1.888e+04
5	58	222.00	-2.007e+04	-7729.36	841.25	-8.129e+05	1.280e+05	2.191e+04
5	58	224.00	-2.008e+04	-7731.81	839.81	-8.212e+05	1.306e+05	2.285e+04
5	58	228.00	-1.991e+04	-7709.92	977.07	-8.757e+05	1.349e+05	2.470e+04
5	58	231.00	-1.979e+04	-7697.11	1086.99	-9.215e+05	1.392e+05	2.599e+04

5	58	234.00	-1.967e+04	-7646.59	1048.10	-9.475e+05	1.430e+05	2.786e+04
5	58	238.00	-1.955e+04	-7599.45	1024.79	-9.745e+05	1.487e+05	3.096e+04
5	58	240.00	-1.947e+04	-7609.54	1026.73	-9.799e+05	1.512e+05	3.253e+04
5	58	245.00	-1.935e+04	-7644.50	987.91	-1.012e+06	1.577e+05	3.703e+04
5	58	252.00	-1.926e+04	-7694.13	954.23	-1.046e+06	1.663e+05	4.286e+04
5	58	256.00	-1.925e+04	-7720.25	940.67	-1.062e+06	1.713e+05	4.595e+04
5	58	259.00	-1.914e+04	-7771.81	1166.55	-1.097e+06	1.732e+05	4.934e+04
5	58	264.00	-1.897e+04	-7544.55	1545.61	-1.158e+06	1.838e+05	5.550e+04
5	58	266.00	-1.888e+04	-7548.15	1482.59	-1.181e+06	1.868e+05	5.794e+04
5	58	272.00	-1.887e+04	-7454.55	1314.91	-1.227e+06	1.950e+05	6.891e+04
5	58	273.00	-1.883e+04	-7411.26	1305.97	-1.232e+06	1.962e+05	7.022e+04
5	58	280.00	-1.842e+04	-7351.03	1364.78	-1.219e+06	2.036e+05	7.965e+04
5	58	288.00	-1.834e+04	-7494.23	1330.44	-1.266e+06	2.136e+05	8.895e+04
5	58	296.00	-1.750e+04	-7098.67	-2660.97	-1.470e+06	1.828e+05	1.224e+05
5	58	297.00	-1.715e+04	-6482.86	-3161.70	-1.543e+06	1.982e+05	1.623e+05
5	58	304.00	-1.599e+04	-6787.09	-3423.21	-1.772e+06	2.112e+05	2.064e+05
5	58	306.00	-1.642e+04	-7049.57	-3488.09	-1.757e+06	2.119e+05	2.149e+05
5	58	312.00	-1.608e+04	-7283.55	-3323.59	-1.773e+06	2.154e+05	2.294e+05
5	58	315.00	-1.671e+04	-7830.14	-3047.00	-1.887e+06	2.145e+05	2.331e+05
5	58	320.00	-1.490e+04	-6465.57	-2488.48	-1.516e+06	2.107e+05	2.287e+05
5	58	324.00	-1.402e+04	-7719.61	-838.85	-1.578e+06	1.046e+05	3.917e+04
5	58	325.00	-1.344e+04	-7392.60	-410.63	-1.673e+06	1.318e+05	5.910e+04
5	58	330.00	-1.271e+04	-8073.23	238.86	-1.686e+06	1.250e+05	9135.67
5	58	333.00	-1.259e+04	-8206.32	499.26	-1.631e+06	1.276e+05	-9090.25
5	58	335.00	-1.254e+04	-8358.06	702.01	-1.590e+06	1.284e+05	-1.795e+04
5	58	340.00	-1.214e+04	-8514.79	813.16	-1.546e+06	1.320e+05	-3.409e+04
5	58	342.00	-1.209e+04	-8589.21	877.69	-1.509e+06	1.338e+05	-3.982e+04
5	58	345.00	-1.205e+04	-8837.18	1011.33	-1.459e+06	1.354e+05	-4.649e+04
5	58	350.00	-1.173e+04	-8654.10	1121.64	-1.384e+06	1.385e+05	-5.671e+04
5	58	351.00	-1.170e+04	-8587.39	1138.17	-1.359e+06	1.394e+05	-5.898e+04
5	58	355.00	-1.200e+04	-9383.74	1245.82	-1.321e+06	1.411e+05	-5.994e+04
5	58	360.00	-1.504e+04	-6011.68	1348.34	-1.524e+06	1.584e+05	-7.626e+04
5	58	365.00	-1.394e+04	-3578.14	771.18	-1.232e+06	1.471e+05	-7.155e+04
5	58	370.00	-1.283e+04	-1750.94	341.18	-1.009e+06	1.376e+05	-6.976e+04
5	58	375.00	-1.220e+04	-1230.70	-356.57	-8.021e+05	1.303e+05	-7.241e+04
5	58	380.00	-1.141e+04	-995.78	-668.74	-6.558e+05	1.236e+05	-7.717e+04
5	58	385.00	-1.163e+04	-2741.42	-1387.45	-4.934e+05	1.184e+05	-8.749e+04
5	58	390.00	-1.254e+04	-4919.58	-936.01	-3.327e+05	1.134e+05	-9.346e+04
5	58	395.00	-1.532e+04	-9712.30	-1554.24	-1.355e+05	1.041e+05	-1.059e+05
5	59	0.0	-2.424e+04	1083.43	1463.35	-2.296e+06	-2.299e+05	-1581.17
5	59	32.00	-2.423e+04	1107.38	1463.35	-2.406e+06	-1.857e+05	-6167.52
5	59	33.00	-2.449e+04	933.64	1294.97	-2.358e+06	-1.823e+05	-6979.58
5	59	34.00	-2.438e+04	987.58	1297.40	-2.376e+06	-1.786e+05	-7422.38
5	59	35.00	-2.430e+04	1051.47	1317.38	-2.386e+06	-1.755e+05	-7942.75
5	59	36.00	-2.420e+04	1117.40	1339.56	-2.392e+06	-1.725e+05	-7706.20
5	59	37.00	-2.408e+04	1180.43	1360.16	-2.392e+06	-1.697e+05	-7533.34
5	59	38.00	-2.394e+04	1237.37	1377.61	-2.383e+06	-1.668e+05	-7262.52
5	59	39.00	-2.384e+04	1277.77	1372.09	-2.371e+06	-1.639e+05	-7074.85
5	59	40.00	-2.333e+04	1084.54	1223.77	-2.272e+06	-1.618e+05	-6369.87
5	59	64.00	-2.332e+04	1088.46	1223.77	-2.356e+06	-1.289e+05	-8339.51
5	59	66.00	-2.353e+04	1003.91	1167.20	-2.321e+06	-1.241e+05	-8709.72
5	59	68.00	-2.352e+04	985.41	1160.03	-2.329e+06	-1.195e+05	-8881.10
5	59	70.00	-2.343e+04	1040.00	1168.70	-2.343e+06	-1.149e+05	-8953.19
5	59	72.00	-2.333e+04	1104.53	1180.59	-2.352e+06	-1.105e+05	-7891.95
5	59	74.00	-2.320e+04	1163.49	1192.05	-2.354e+06	-1.062e+05	-7604.83
5	59	76.00	-2.306e+04	1200.53	1198.42	-2.348e+06	-1.020e+05	-7366.91
5	59	78.00	-2.283e+04	1154.25	1185.76	-2.321e+06	-9.802e+04	-7199.69
5	59	80.00	-2.241e+04	1083.35	1141.89	-2.245e+06	-9.416e+04	-6925.66
5	59	96.00	-2.241e+04	1076.06	1141.89	-2.302e+06	-7.225e+04	-6527.11
5	59	99.00	-2.258e+04	1034.58	1123.58	-2.278e+06	-6.295e+04	-6566.84
5	59	102.00	-2.262e+04	1011.29	1118.40	-2.284e+06	-5.424e+04	-3789.73
5	59	105.00	-2.256e+04	1043.32	1118.11	-2.298e+06	-4.594e+04	-2214.24
5	59	108.00	-2.246e+04	1097.91	1120.04	-2.310e+06	-3.906e+04	-1832.12
5	59	111.00	-2.232e+04	1145.06	1122.65	-2.316e+06	-3.347e+04	-1424.41
5	59	114.00	-2.214e+04	1156.47	1122.32	-2.309e+06	-2.803e+04	-1052.99
5	59	117.00	-2.187e+04	1116.51	1114.14	-2.281e+06	-2.273e+04	-724.45
5	59	120.00	-2.150e+04	1077.26	1098.84	-2.217e+06	-1.747e+04	-518.00
5	59	128.00	-2.150e+04	1066.32	1098.84	-2.247e+06	-6542.96	71.43
5	59	132.00	-2.165e+04	1042.48	1107.25	-2.232e+06	-1221.28	1844.77
5	59	136.00	-2.171e+04	1026.16	1106.77	-2.237e+06	4240.39	2295.85
5	59	140.00	-2.169e+04	1047.78	1097.61	-2.253e+06	9806.99	2901.72
5	59	144.00	-2.159e+04	1088.12	1090.20	-2.269e+06	1.645e+04	3660.31
5	59	148.00	-2.144e+04	1120.95	1085.36	-2.277e+06	2.404e+04	4465.59
5	59	152.00	-2.122e+04	1125.15	1081.12	-2.272e+06	3.100e+04	5231.69
5	59	156.00	-2.093e+04	1096.14	1078.78	-2.245e+06	3.742e+04	5930.85
5	59	160.00	-2.058e+04	1064.46	1080.59	-2.190e+06	4.380e+04	6610.68
5	59	165.00	-2.072e+04	1042.97	1120.87	-2.182e+06	5.134e+04	9107.27

5	59	170.00	-2.081e+04	1032.09	1121.15	-2.189e+06	5.970e+04	1.004e+04
5	59	175.00	-2.080e+04	1047.73	1099.28	-2.208e+06	6.841e+04	1.132e+04
5	59	180.00	-2.070e+04	1070.94	1082.34	-2.228e+06	7.673e+04	1.286e+04
5	59	185.00	-2.049e+04	1089.69	1071.10	-2.239e+06	8.471e+04	1.441e+04
5	59	190.00	-2.025e+04	1095.29	1064.17	-2.235e+06	9.293e+04	1.586e+04
5	59	192.00	-2.014e+04	1088.28	1065.57	-2.229e+06	9.629e+04	1.640e+04
5	59	195.00	-2.001e+04	1085.81	1117.27	-2.194e+06	1.020e+05	1.712e+04
5	59	198.00	-1.988e+04	1067.21	1178.60	-2.157e+06	1.079e+05	1.779e+04
5	59	200.00	-1.976e+04	1049.10	1180.84	-2.130e+06	1.116e+05	1.838e+04
5	59	204.00	-1.984e+04	1046.94	1169.66	-2.136e+06	1.183e+05	1.967e+04
5	59	210.00	-1.984e+04	1049.87	1128.08	-2.161e+06	1.278e+05	2.242e+04
5	59	216.00	-1.975e+04	1044.86	1081.39	-2.186e+06	1.360e+05	2.542e+04
5	59	222.00	-1.961e+04	1044.01	1045.46	-2.204e+06	1.440e+05	2.830e+04
5	59	224.00	-1.954e+04	1038.30	1038.30	-2.206e+06	1.466e+05	2.919e+04
5	59	228.00	-1.945e+04	1061.15	1164.05	-2.187e+06	1.522e+05	3.094e+04
5	59	231.00	-1.935e+04	1058.09	1273.07	-2.173e+06	1.573e+05	3.212e+04
5	59	234.00	-1.920e+04	1102.76	1236.20	-2.148e+06	1.622e+05	3.389e+04
5	59	238.00	-1.906e+04	1144.85	1214.77	-2.110e+06	1.692e+05	3.697e+04
5	59	240.00	-1.892e+04	1121.00	1207.58	-2.088e+06	1.723e+05	3.855e+04
5	59	245.00	-1.890e+04	1083.93	1148.31	-2.112e+06	1.796e+05	4.303e+04
5	59	252.00	-1.882e+04	1017.15	1108.61	-2.146e+06	1.890e+05	4.885e+04
5	59	256.00	-1.874e+04	985.83	1092.03	-2.161e+06	1.939e+05	5.193e+04
5	59	259.00	-1.875e+04	954.73	1315.52	-2.155e+06	1.977e+05	5.553e+04
5	59	264.00	-1.869e+04	1226.31	1690.53	-2.101e+06	2.101e+05	6.205e+04
5	59	266.00	-1.859e+04	1225.20	1619.00	-2.147e+06	2.138e+05	6.485e+04
5	59	272.00	-1.848e+04	1326.30	1423.90	-2.114e+06	2.231e+05	7.703e+04
5	59	273.00	-1.840e+04	1361.22	1411.73	-2.107e+06	2.243e+05	7.855e+04
5	59	280.00	-1.785e+04	1352.74	1448.14	-2.034e+06	2.323e+05	8.943e+04
5	59	288.00	-1.780e+04	1135.04	1402.44	-2.081e+06	2.409e+05	1.001e+05
5	59	296.00	-1.730e+04	1341.81	-2173.38	-2.189e+06	2.287e+05	1.489e+05
5	59	297.00	-1.698e+04	1940.51	-2621.69	-2.250e+06	2.446e+05	1.901e+05
5	59	304.00	-1.574e+04	1561.57	-3004.44	-2.432e+06	2.484e+05	2.389e+05
5	59	306.00	-1.612e+04	1293.78	-3104.83	-2.399e+06	2.471e+05	2.485e+05
5	59	312.00	-1.553e+04	1034.19	-3026.06	-2.361e+06	2.443e+05	2.647e+05
5	59	315.00	-1.611e+04	506.15	-2784.15	-2.460e+06	2.406e+05	2.687e+05
5	59	320.00	-1.415e+04	1919.80	-2284.21	-2.066e+06	2.345e+05	2.643e+05
5	59	324.00	-1.344e+04	488.59	-877.35	-2.099e+06	1.150e+05	5.489e+04
5	59	325.00	-1.289e+04	779.72	-511.33	-2.187e+06	1.443e+05	7.175e+04
5	59	330.00	-1.244e+04	-281.60	233.51	-2.139e+06	1.339e+05	1.805e+04
5	59	333.00	-1.241e+04	-747.62	494.01	-2.063e+06	1.347e+05	-2612.74
5	59	335.00	-1.239e+04	-1086.57	690.26	-2.007e+06	1.352e+05	-1.284e+04
5	59	340.00	-1.216e+04	-1809.23	794.97	-1.905e+06	1.364e+05	-3.145e+04
5	59	342.00	-1.215e+04	-2127.58	848.93	-1.851e+06	1.374e+05	-3.792e+04
5	59	345.00	-1.210e+04	-2699.92	980.04	-1.771e+06	1.385e+05	-4.545e+04
5	59	350.00	-1.182e+04	-3157.05	1095.25	-1.634e+06	1.414e+05	-5.676e+04
5	59	351.00	-1.179e+04	-3212.67	1110.97	-1.597e+06	1.423e+05	-5.924e+04
5	59	355.00	-1.188e+04	-4544.42	1164.71	-1.498e+06	1.437e+05	-6.152e+04
5	59	360.00	-1.467e+04	-1944.68	1216.01	-1.618e+06	1.610e+05	-7.886e+04
5	59	365.00	-1.400e+04	-157.95	648.24	-1.325e+06	1.512e+05	-7.502e+04
5	59	370.00	-1.331e+04	913.04	238.48	-1.095e+06	1.429e+05	-7.390e+04
5	59	375.00	-1.308e+04	831.70	-436.62	-8.752e+05	1.367e+05	-7.727e+04
5	59	380.00	-1.266e+04	318.23	-828.10	-7.111e+05	1.308e+05	-8.269e+04
5	59	385.00	-1.318e+04	-1875.33	-1542.62	-5.287e+05	1.262e+05	-9.158e+04
5	59	390.00	-1.418e+04	-4548.30	-1154.09	-3.505e+05	1.216e+05	-9.772e+04
5	59	395.00	-1.686e+04	-9501.80	-1725.10	-1.355e+05	1.107e+05	-1.093e+05
5	70	0.0	-2.497e+04	-9080.36	754.98	1.201e+06	-6.120e+04	905.25
5	70	32.00	-2.497e+04	-9056.41	754.98	1.090e+06	-1.760e+04	844.34
5	70	33.00	-2.441e+04	-8817.02	582.36	9.748e+05	-1.946e+04	1880.30
5	70	34.00	-2.435e+04	-8903.40	606.74	9.623e+05	-2.156e+04	1917.49
5	70	35.00	-2.423e+04	-8988.72	617.89	9.489e+05	-2.305e+04	2258.80
5	70	36.00	-2.413e+04	-9074.48	636.14	9.431e+05	-2.422e+04	2483.56
5	70	37.00	-2.405e+04	-9160.16	652.49	9.425e+05	-2.524e+04	2842.20
5	70	38.00	-2.399e+04	-9244.77	662.88	9.450e+05	-2.624e+04	3243.64
5	70	39.00	-2.388e+04	-9311.93	676.72	9.574e+05	-2.726e+04	3703.21
5	70	40.00	-2.423e+04	-9078.26	556.67	8.805e+05	-2.753e+04	3393.46
5	70	64.00	-2.423e+04	-9074.34	556.67	7.966e+05	5471.43	3596.51
5	70	66.00	-2.376e+04	-8972.61	495.43	6.940e+05	4971.61	4209.01
5	70	68.00	-2.356e+04	-8947.02	499.86	6.583e+05	4668.94	4647.76
5	70	70.00	-2.344e+04	-9015.92	507.45	6.421e+05	4531.73	5086.81
5	70	72.00	-2.334e+04	-9095.53	514.92	6.331e+05	4681.81	5278.07
5	70	74.00	-2.327e+04	-9169.90	521.97	6.291e+05	4998.50	5643.87
5	70	76.00	-2.320e+04	-9221.02	527.96	6.285e+05	5408.12	5967.96
5	70	78.00	-2.322e+04	-9170.70	524.05	6.194e+05	6021.66	6117.92
5	70	80.00	-2.349e+04	-9065.84	475.72	5.567e+05	6558.53	5451.84
5	70	96.00	-2.349e+04	-9073.13	475.72	4.993e+05	2.860e+04	6387.73
5	70	99.00	-2.306e+04	-9025.04	454.79	4.016e+05	2.876e+04	6921.33
5	70	102.00	-2.281e+04	-8999.51	455.88	3.546e+05	2.928e+04	6621.46

5	70	105.00	-2.266e+04	-9038.32	456.58	3.324e+05	3.004e+04	6691.13
5	70	108.00	-2.257e+04	-9101.40	453.77	3.202e+05	3.132e+04	7191.74
5	70	111.00	-2.250e+04	-9153.82	452.24	3.126e+05	3.306e+04	7716.55
5	70	114.00	-2.247e+04	-9160.67	453.86	3.051e+05	3.493e+04	8180.60
5	70	117.00	-2.254e+04	-9100.74	452.32	2.853e+05	3.686e+04	8489.68
5	70	120.00	-2.275e+04	-9047.92	434.12	2.321e+05	3.866e+04	8811.13
5	70	128.00	-2.275e+04	-9058.86	434.12	2.021e+05	4.967e+04	9758.43
5	70	132.00	-2.234e+04	-9040.30	440.40	1.050e+05	5.283e+04	9928.57
5	70	136.00	-2.206e+04	-9031.44	444.10	5.067e+04	5.623e+04	1.053e+04
5	70	140.00	-2.190e+04	-9058.44	435.24	2.277e+04	5.976e+04	1.122e+04
5	70	144.00	-2.180e+04	-9102.15	420.38	6900.99	6.304e+04	1.204e+04
5	70	148.00	-2.175e+04	-9131.17	409.59	-4633.67	6.608e+04	1.291e+04
5	70	152.00	-2.176e+04	-9116.32	407.75	-1.875e+04	6.930e+04	1.371e+04
5	70	156.00	-2.183e+04	-9058.86	411.97	-4.469e+04	7.262e+04	1.437e+04
5	70	160.00	-2.199e+04	-9027.34	413.23	-9.156e+04	7.586e+04	1.474e+04
5	70	165.00	-2.159e+04	-9030.52	452.48	-1.917e+05	8.043e+04	1.507e+04
5	70	170.00	-2.131e+04	-9041.87	454.74	-2.519e+05	8.381e+04	1.607e+04
5	70	175.00	-2.113e+04	-9065.84	430.07	-2.852e+05	8.606e+04	1.738e+04
5	70	180.00	-2.104e+04	-9096.06	401.24	-3.053e+05	8.853e+04	1.892e+04
5	70	185.00	-2.103e+04	-9110.82	380.52	-3.220e+05	9.126e+04	2.049e+04
5	70	190.00	-2.106e+04	-9086.85	373.22	-3.424e+05	9.419e+04	2.195e+04
5	70	192.00	-2.111e+04	-9064.84	377.21	-3.558e+05	9.545e+04	2.249e+04
5	70	195.00	-2.094e+04	-9022.34	432.99	-4.154e+05	9.534e+04	2.309e+04
5	70	198.00	-2.080e+04	-9005.90	496.16	-4.786e+05	9.583e+04	2.375e+04
5	70	200.00	-2.074e+04	-9009.73	499.21	-5.102e+05	9.640e+04	2.429e+04
5	70	204.00	-2.056e+04	-9028.14	487.48	-5.508e+05	1.019e+05	2.556e+04
5	70	210.00	-2.038e+04	-9052.27	435.78	-5.900e+05	1.091e+05	2.826e+04
5	70	216.00	-2.029e+04	-9083.08	456.06	-6.156e+05	1.177e+05	3.124e+04
5	70	222.00	-2.026e+04	-9101.03	483.83	-6.368e+05	1.259e+05	3.415e+04
5	70	224.00	-2.029e+04	-9104.23	489.12	-6.460e+05	1.286e+05	3.506e+04
5	70	228.00	-2.009e+04	-9088.62	638.09	-7.126e+05	1.322e+05	3.668e+04
5	70	231.00	-1.998e+04	-9076.54	748.90	-7.686e+05	1.357e+05	3.772e+04
5	70	234.00	-1.987e+04	-9025.73	712.38	-8.027e+05	1.389e+05	3.930e+04
5	70	238.00	-1.976e+04	-8973.66	690.63	-8.414e+05	1.438e+05	4.196e+04
5	70	240.00	-1.969e+04	-8978.37	703.04	-8.520e+05	1.459e+05	4.338e+04
5	70	245.00	-1.956e+04	-9010.43	688.69	-8.853e+05	1.521e+05	4.768e+04
5	70	252.00	-1.947e+04	-9054.24	662.94	-9.190e+05	1.603e+05	5.337e+04
5	70	256.00	-1.947e+04	-9079.41	653.98	-9.359e+05	1.649e+05	5.642e+04
5	70	259.00	-1.933e+04	-9139.46	882.17	-9.783e+05	1.657e+05	5.925e+04
5	70	264.00	-1.914e+04	-8930.65	1264.27	-1.052e+06	1.747e+05	6.480e+04
5	70	266.00	-1.905e+04	-8933.76	1210.66	-1.077e+06	1.733e+05	6.728e+04
5	70	272.00	-1.907e+04	-8839.20	1073.46	-1.135e+06	1.843e+05	7.806e+04
5	70	273.00	-1.904e+04	-8794.60	1067.62	-1.141e+06	1.852e+05	7.934e+04
5	70	280.00	-1.867e+04	-8701.62	1143.12	-1.143e+06	1.911e+05	8.839e+04
5	70	288.00	-1.859e+04	-8831.22	1119.24	-1.190e+06	2.002e+05	9.736e+04
5	70	296.00	-1.765e+04	-8396.74	-2842.05	-1.418e+06	1.656e+05	1.278e+05
5	70	297.00	-1.729e+04	-7777.48	-3339.20	-1.493e+06	1.808e+05	1.675e+05
5	70	304.00	-1.615e+04	-8057.17	-3566.73	-1.724e+06	1.942e+05	2.111e+05
5	70	306.00	-1.660e+04	-8318.82	-3622.31	-1.711e+06	1.950e+05	2.196e+05
5	70	312.00	-1.630e+04	-8558.82	-3433.87	-1.733e+06	1.980e+05	2.342e+05
5	70	315.00	-1.696e+04	-9088.15	-3151.83	-1.853e+06	1.967e+05	2.379e+05
5	70	320.00	-1.522e+04	-7697.04	-2582.03	-1.492e+06	1.924e+05	2.336e+05
5	70	324.00	-1.436e+04	-8916.14	-884.39	-1.545e+06	8.792e+04	4.657e+04
5	70	325.00	-1.379e+04	-8581.41	-442.98	-1.638e+06	1.148e+05	6.685e+04
5	70	330.00	-1.301e+04	-9197.72	186.00	-1.657e+06	1.086e+05	1.701e+04
5	70	333.00	-1.287e+04	-9283.10	452.58	-1.604e+06	1.117e+05	-1039.59
5	70	335.00	-1.282e+04	-9408.50	662.49	-1.564e+06	1.128e+05	-9801.94
5	70	340.00	-1.238e+04	-9477.69	797.78	-1.525e+06	1.168e+05	-2.579e+04
5	70	342.00	-1.233e+04	-9515.39	870.26	-1.490e+06	1.188e+05	-3.149e+04
5	70	345.00	-1.228e+04	-9717.10	1017.39	-1.440e+06	1.207e+05	-3.838e+04
5	70	350.00	-1.193e+04	-9439.26	1138.63	-1.370e+06	1.246e+05	-4.914e+04
5	70	351.00	-1.190e+04	-9354.63	1159.20	-1.345e+06	1.257e+05	-5.150e+04
5	70	355.00	-1.223e+04	-1.011e+04	1318.14	-1.313e+06	1.276e+05	-5.298e+04
5	70	360.00	-1.530e+04	-6659.79	1460.90	-1.524e+06	1.452e+05	-6.976e+04
5	70	365.00	-1.418e+04	-4114.99	905.94	-1.232e+06	1.347e+05	-6.534e+04
5	70	370.00	-1.303e+04	-2155.99	477.08	-1.009e+06	1.260e+05	-6.407e+04
5	70	375.00	-1.237e+04	-1525.98	-204.44	-8.019e+05	1.197e+05	-6.730e+04
5	70	380.00	-1.154e+04	-1144.31	-541.58	-6.558e+05	1.142e+05	-7.279e+04
5	70	385.00	-1.174e+04	-2795.48	-1245.44	-4.926e+05	1.107e+05	-8.370e+04
5	70	390.00	-1.260e+04	-4857.68	-822.64	-3.324e+05	1.078e+05	-9.091e+04
5	70	395.00	-1.534e+04	-9612.23	-1452.00	-1.355e+05	1.006e+05	-1.044e+05
5	90	0.0	-2.476e+04	-7348.45	1253.90	6.309e+05	-1.133e+05	-43.17
5	90	32.00	-2.475e+04	-7324.50	1253.90	5.206e+05	-6.953e+04	-1627.40
5	90	33.00	-2.433e+04	-7154.83	1089.93	4.329e+05	-7.037e+04	-1007.74
5	90	34.00	-2.426e+04	-7217.14	1091.63	4.196e+05	-7.110e+04	-1025.88
5	90	35.00	-2.415e+04	-7277.59	1109.77	4.068e+05	-7.138e+04	-843.82
5	90	36.00	-2.405e+04	-7338.04	1129.20	4.010e+05	-7.142e+04	-1078.91

5	90	37.00	-2.397e+04	-7398.93	1147.57	4.005e+05	-7.131e+04	-993.75
5	90	38.00	-2.389e+04	-7459.90	1161.44	4.043e+05	-7.113e+04	-817.48
5	90	39.00	-2.378e+04	-7508.78	1161.62	4.168e+05	-7.087e+04	-664.77
5	90	40.00	-2.399e+04	-7344.35	1029.80	3.699e+05	-7.036e+04	-1286.94
5	90	64.00	-2.398e+04	-7340.43	1029.80	2.861e+05	-3.734e+04	-1898.21
5	90	66.00	-2.363e+04	-7270.46	974.48	2.070e+05	-3.668e+04	-1527.51
5	90	68.00	-2.346e+04	-7251.97	967.29	1.760e+05	-3.582e+04	-1218.28
5	90	70.00	-2.335e+04	-7299.84	974.04	1.604e+05	-3.476e+04	-882.12
5	90	72.00	-2.325e+04	-7355.04	983.01	1.514e+05	-3.345e+04	-1497.64
5	90	74.00	-2.316e+04	-7406.77	991.61	1.476e+05	-3.198e+04	-1379.24
5	90	76.00	-2.308e+04	-7442.79	996.90	1.483e+05	-3.040e+04	-1291.09
5	90	78.00	-2.306e+04	-7408.32	988.38	1.454e+05	-2.869e+04	-1279.18
5	90	80.00	-2.321e+04	-7332.89	944.33	1.067e+05	-2.703e+04	-1515.39
5	90	96.00	-2.321e+04	-7340.18	944.33	4.933e+04	-5015.08	-1410.79
5	90	99.00	-2.288e+04	-7307.30	925.95	-2.750e+04	-5777.44	-1159.87
5	90	102.00	-2.268e+04	-7289.54	920.12	-6.726e+04	-5949.44	-3328.27
5	90	105.00	-2.255e+04	-7315.98	917.83	-8.813e+04	-5635.82	-4210.95
5	90	108.00	-2.245e+04	-7358.98	916.02	-1.004e+05	-3962.75	-3839.65
5	90	111.00	-2.237e+04	-7394.22	915.46	-1.076e+05	-1093.41	-3435.28
5	90	114.00	-2.232e+04	-7397.42	915.20	-1.127e+05	1892.24	-3062.47
5	90	117.00	-2.233e+04	-7354.10	910.15	-1.241e+05	4938.61	-2749.33
5	90	120.00	-2.243e+04	-7316.97	893.34	-1.568e+05	7937.81	-2460.35
5	90	128.00	-2.243e+04	-7327.90	893.34	-1.868e+05	1.890e+04	-1755.30
5	90	132.00	-2.212e+04	-7316.27	900.32	-2.645e+05	2.446e+04	-2685.70
5	90	136.00	-2.190e+04	-7310.88	898.54	-3.104e+05	3.007e+04	-2186.60
5	90	140.00	-2.176e+04	-7329.31	886.72	-3.362e+05	3.567e+04	-1521.44
5	90	144.00	-2.166e+04	-7358.85	873.72	-3.521e+05	4.022e+04	-700.58
5	90	148.00	-2.160e+04	-7377.01	864.59	-3.631e+05	4.379e+04	161.58
5	90	152.00	-2.156e+04	-7363.10	860.44	-3.739e+05	4.782e+04	971.38
5	90	156.00	-2.158e+04	-7320.12	860.59	-3.904e+05	5.229e+04	1693.90
5	90	160.00	-2.164e+04	-7299.79	860.77	-4.191e+05	5.678e+04	2264.98
5	90	165.00	-2.134e+04	-7305.16	899.23	-5.004e+05	6.298e+04	1439.28
5	90	170.00	-2.112e+04	-7315.18	897.28	-5.516e+05	6.890e+04	2482.35
5	90	175.00	-2.097e+04	-7332.60	870.96	-5.824e+05	7.451e+04	3903.09
5	90	180.00	-2.087e+04	-7354.60	846.20	-6.025e+05	8.012e+04	5566.21
5	90	185.00	-2.086e+04	-7363.48	828.89	-6.192e+05	8.572e+04	7225.88
5	90	190.00	-2.085e+04	-7341.33	820.54	-6.356e+05	9.089e+04	8754.37
5	90	192.00	-2.087e+04	-7324.19	822.74	-6.455e+05	9.289e+04	9320.43
5	90	195.00	-2.071e+04	-7288.01	875.12	-6.884e+05	9.506e+04	1.011e+04
5	90	198.00	-2.057e+04	-7277.22	936.02	-7.334e+05	9.781e+04	1.091e+04
5	90	200.00	-2.049e+04	-7283.59	937.08	-7.543e+05	9.972e+04	1.156e+04
5	90	204.00	-2.036e+04	-7298.22	923.47	-7.892e+05	1.052e+05	1.301e+04
5	90	210.00	-2.021e+04	-7319.50	873.88	-8.260e+05	1.129e+05	1.598e+04
5	90	216.00	-2.012e+04	-7346.06	857.01	-8.515e+05	1.209e+05	1.916e+04
5	90	222.00	-2.005e+04	-7359.45	849.80	-8.716e+05	1.286e+05	2.218e+04
5	90	224.00	-2.006e+04	-7362.04	848.11	-8.796e+05	1.313e+05	2.312e+04
5	90	228.00	-1.989e+04	-7340.11	984.89	-9.310e+05	1.356e+05	2.497e+04
5	90	231.00	-1.977e+04	-7327.98	1094.77	-9.743e+05	1.399e+05	2.625e+04
5	90	234.00	-1.965e+04	-7277.70	1055.97	-9.981e+05	1.438e+05	2.811e+04
5	90	238.00	-1.953e+04	-7230.77	1032.73	-1.022e+06	1.495e+05	3.122e+04
5	90	240.00	-1.944e+04	-7241.43	1034.29	-1.027e+06	1.521e+05	3.279e+04
5	90	245.00	-1.933e+04	-7276.48	994.61	-1.059e+06	1.586e+05	3.729e+04
5	90	252.00	-1.925e+04	-7326.84	960.68	-1.092e+06	1.672e+05	4.312e+04
5	90	256.00	-1.923e+04	-7353.17	946.99	-1.109e+06	1.722e+05	4.620e+04
5	90	259.00	-1.912e+04	-7403.88	1172.77	-1.142e+06	1.742e+05	4.961e+04
5	90	264.00	-1.896e+04	-7174.75	1551.67	-1.200e+06	1.849e+05	5.578e+04
5	90	266.00	-1.887e+04	-7178.25	1488.29	-1.222e+06	1.880e+05	5.823e+04
5	90	272.00	-1.885e+04	-7084.33	1319.45	-1.264e+06	1.962e+05	6.925e+04
5	90	273.00	-1.881e+04	-7041.39	1310.37	-1.269e+06	1.974e+05	7.058e+04
5	90	280.00	-1.839e+04	-6984.03	1368.24	-1.253e+06	2.048e+05	8.006e+04
5	90	288.00	-1.832e+04	-7130.38	1333.42	-1.300e+06	2.148e+05	8.942e+04
5	90	296.00	-1.749e+04	-6742.77	-2640.50	-1.501e+06	1.847e+05	1.236e+05
5	90	297.00	-1.714e+04	-6127.69	-3139.02	-1.573e+06	2.001e+05	1.635e+05
5	90	304.00	-1.598e+04	-6435.06	-3405.64	-1.800e+06	2.127e+05	2.078e+05
5	90	306.00	-1.641e+04	-6697.77	-3472.01	-1.785e+06	2.134e+05	2.163e+05
5	90	312.00	-1.606e+04	-6932.84	-3311.11	-1.798e+06	2.166e+05	2.309e+05
5	90	315.00	-1.668e+04	-7478.62	-3035.98	-1.911e+06	2.156e+05	2.346e+05
5	90	320.00	-1.487e+04	-6111.94	-2479.94	-1.539e+06	2.117e+05	2.302e+05
5	90	324.00	-1.399e+04	-7373.45	-840.51	-1.600e+06	1.051e+05	3.983e+04
5	90	325.00	-1.341e+04	-7047.95	-414.91	-1.695e+06	1.323e+05	5.963e+04
5	90	330.00	-1.270e+04	-7744.62	238.60	-1.705e+06	1.253e+05	9512.54
5	90	333.00	-1.258e+04	-7891.75	499.00	-1.649e+06	1.279e+05	-8816.06
5	90	335.00	-1.254e+04	-8051.39	701.49	-1.607e+06	1.287e+05	-1.773e+04
5	90	340.00	-1.214e+04	-8231.97	812.36	-1.561e+06	1.322e+05	-3.398e+04
5	90	342.00	-1.209e+04	-8316.68	876.45	-1.524e+06	1.339e+05	-3.974e+04
5	90	345.00	-1.206e+04	-8578.32	1009.99	-1.472e+06	1.355e+05	-4.644e+04
5	90	350.00	-1.173e+04	-8422.24	1120.51	-1.395e+06	1.386e+05	-5.671e+04

5	90	351.00	-1.171e+04	-8360.69	1137.01	-1.369e+06	1.395e+05	-5.899e+04
5	90	355.00	-1.200e+04	-9179.64	1242.41	-1.328e+06	1.412e+05	-6.001e+04
5	90	360.00	-1.502e+04	-5840.18	1342.78	-1.528e+06	1.585e+05	-7.636e+04
5	90	365.00	-1.394e+04	-3433.90	766.02	-1.236e+06	1.473e+05	-7.169e+04
5	90	370.00	-1.285e+04	-1638.58	336.88	-1.013e+06	1.379e+05	-6.993e+04
5	90	375.00	-1.224e+04	-1143.68	-359.91	-8.052e+05	1.306e+05	-7.262e+04
5	90	380.00	-1.146e+04	-940.30	-675.43	-6.581e+05	1.239e+05	-7.740e+04
5	90	385.00	-1.169e+04	-2704.80	-1393.95	-4.949e+05	1.187e+05	-8.766e+04
5	90	390.00	-1.261e+04	-4903.80	-945.17	-3.334e+05	1.137e+05	-9.364e+04
5	90	395.00	-1.539e+04	-9703.30	-1561.41	-1.355e+05	1.044e+05	-1.060e+05
5	91	0.0	-2.426e+04	712.26	1454.21	-2.167e+06	-2.248e+05	-1513.81
5	91	32.00	-2.426e+04	736.21	1454.21	-2.278e+06	-1.806e+05	-5968.36
5	91	33.00	-2.448e+04	577.58	1286.03	-2.235e+06	-1.774e+05	-6717.44
5	91	34.00	-2.438e+04	626.41	1288.42	-2.253e+06	-1.739e+05	-7141.56
5	91	35.00	-2.430e+04	684.83	1308.33	-2.263e+06	-1.709e+05	-7631.04
5	91	36.00	-2.419e+04	745.19	1330.38	-2.269e+06	-1.681e+05	-7415.37
5	91	37.00	-2.408e+04	802.76	1350.89	-2.269e+06	-1.654e+05	-7246.44
5	91	38.00	-2.394e+04	854.52	1368.18	-2.260e+06	-1.626e+05	-6979.84
5	91	39.00	-2.383e+04	890.98	1362.90	-2.248e+06	-1.598e+05	-6793.79
5	91	40.00	-2.336e+04	713.50	1215.31	-2.157e+06	-1.578e+05	-6147.34
5	91	64.00	-2.335e+04	717.42	1215.31	-2.240e+06	-1.248e+05	-8057.40
5	91	66.00	-2.353e+04	639.68	1158.80	-2.210e+06	-1.202e+05	-8395.06
5	91	68.00	-2.351e+04	622.80	1151.62	-2.219e+06	-1.158e+05	-8545.32
5	91	70.00	-2.343e+04	672.88	1160.21	-2.233e+06	-1.114e+05	-8599.47
5	91	72.00	-2.333e+04	732.15	1171.97	-2.242e+06	-1.071e+05	-7612.20
5	91	74.00	-2.320e+04	786.23	1183.30	-2.244e+06	-1.030e+05	-7332.56
5	91	76.00	-2.306e+04	820.05	1189.63	-2.238e+06	-9.888e+04	-7101.28
5	91	78.00	-2.284e+04	777.33	1177.15	-2.213e+06	-9.497e+04	-6940.93
5	91	80.00	-2.245e+04	712.87	1133.27	-2.142e+06	-9.121e+04	-6689.37
5	91	96.00	-2.245e+04	705.58	1133.27	-2.199e+06	-6.930e+04	-6303.90
5	91	99.00	-2.260e+04	667.37	1114.96	-2.179e+06	-6.044e+04	-6330.90
5	91	102.00	-2.262e+04	645.90	1109.75	-2.186e+06	-5.212e+04	-3771.69
5	91	105.00	-2.256e+04	675.35	1109.37	-2.201e+06	-4.417e+04	-2304.53
5	91	108.00	-2.246e+04	725.64	1111.13	-2.213e+06	-3.752e+04	-1922.91
5	91	111.00	-2.233e+04	769.16	1113.61	-2.219e+06	-3.205e+04	-1515.37
5	91	114.00	-2.215e+04	779.94	1113.28	-2.213e+06	-2.672e+04	-1143.88
5	91	117.00	-2.189e+04	743.64	1105.24	-2.186e+06	-2.152e+04	-816.00
5	91	120.00	-2.154e+04	707.75	1089.86	-2.127e+06	-1.636e+04	-605.91
5	91	128.00	-2.154e+04	696.82	1089.86	-2.157e+06	-5428.56	-11.42
5	91	132.00	-2.167e+04	674.54	1098.21	-2.145e+06	-96.18	1642.81
5	91	136.00	-2.172e+04	659.17	1097.68	-2.152e+06	5371.98	2095.99
5	91	140.00	-2.169e+04	679.03	1088.40	-2.169e+06	1.094e+04	2704.46
5	91	144.00	-2.159e+04	716.30	1080.74	-2.184e+06	1.749e+04	3465.80
5	91	148.00	-2.144e+04	746.88	1075.72	-2.193e+06	2.490e+04	4273.60
5	91	152.00	-2.123e+04	751.51	1071.48	-2.188e+06	3.174e+04	5041.65
5	91	156.00	-2.096e+04	725.66	1069.25	-2.163e+06	3.807e+04	5741.87
5	91	160.00	-2.063e+04	696.27	1070.99	-2.112e+06	4.437e+04	6416.94
5	91	165.00	-2.075e+04	675.50	1111.18	-2.107e+06	5.185e+04	8767.20
5	91	170.00	-2.082e+04	664.65	1111.36	-2.117e+06	6.010e+04	9700.21
5	91	175.00	-2.080e+04	678.84	1089.30	-2.136e+06	6.868e+04	1.099e+04
5	91	180.00	-2.071e+04	700.06	1072.01	-2.156e+06	7.688e+04	1.253e+04
5	91	185.00	-2.051e+04	717.60	1060.51	-2.167e+06	8.476e+04	1.409e+04
5	91	190.00	-2.028e+04	723.92	1053.52	-2.165e+06	9.284e+04	1.554e+04
5	91	192.00	-2.017e+04	717.97	1054.96	-2.159e+06	9.614e+04	1.609e+04
5	91	195.00	-2.004e+04	717.20	1106.69	-2.128e+06	1.017e+05	1.681e+04
5	91	198.00	-1.991e+04	699.90	1168.00	-2.095e+06	1.074e+05	1.748e+04
5	91	200.00	-1.979e+04	682.30	1170.19	-2.070e+06	1.111e+05	1.807e+04
5	91	204.00	-1.986e+04	679.60	1158.90	-2.077e+06	1.177e+05	1.937e+04
5	91	210.00	-1.985e+04	681.47	1116.96	-2.102e+06	1.271e+05	2.213e+04
5	91	216.00	-1.976e+04	675.50	1071.58	-2.127e+06	1.354e+05	2.514e+04
5	91	222.00	-1.963e+04	674.10	1036.92	-2.145e+06	1.433e+05	2.803e+04
5	91	224.00	-1.956e+04	668.53	1030.00	-2.148e+06	1.459e+05	2.892e+04
5	91	228.00	-1.947e+04	691.35	1156.23	-2.132e+06	1.514e+05	3.067e+04
5	91	231.00	-1.937e+04	688.95	1265.29	-2.120e+06	1.565e+05	3.186e+04
5	91	234.00	-1.922e+04	733.87	1228.33	-2.097e+06	1.614e+05	3.363e+04
5	91	238.00	-1.908e+04	776.17	1206.83	-2.062e+06	1.684e+05	3.671e+04
5	91	240.00	-1.894e+04	752.89	1200.02	-2.041e+06	1.714e+05	3.830e+04
5	91	245.00	-1.892e+04	715.91	1141.61	-2.066e+06	1.786e+05	4.278e+04
5	91	252.00	-1.884e+04	649.85	1102.16	-2.099e+06	1.880e+05	4.860e+04
5	91	256.00	-1.876e+04	618.75	1085.71	-2.115e+06	1.930e+05	5.167e+04
5	91	259.00	-1.877e+04	586.80	1309.29	-2.110e+06	1.966e+05	5.526e+04
5	91	264.00	-1.870e+04	856.51	1684.48	-2.103e+06	2.090e+05	6.177e+04
5	91	266.00	-1.861e+04	855.29	1613.31	-2.106e+06	2.127e+05	6.455e+04
5	91	272.00	-1.850e+04	956.08	1419.36	-2.076e+06	2.219e+05	7.669e+04
5	91	273.00	-1.842e+04	991.35	1407.33	-2.070e+06	2.231e+05	7.820e+04
5	91	280.00	-1.788e+04	985.74	1444.68	-2.000e+06	2.311e+05	8.901e+04
5	91	288.00	-1.782e+04	771.18	1399.46	-2.046e+06	2.397e+05	9.961e+04

5	91	296.00	-1.731e+04	985.92	-2193.85	-2.159e+06	2.267e+05	1.478e+05
5	91	297.00	-1.698e+04	1585.34	-2644.37	-2.220e+06	2.426e+05	1.889e+05
5	91	304.00	-1.575e+04	1209.54	-3022.02	-2.404e+06	2.468e+05	2.376e+05
5	91	306.00	-1.613e+04	941.98	-3120.92	-2.372e+06	2.456e+05	2.471e+05
5	91	312.00	-1.555e+04	683.48	-3038.53	-2.336e+06	2.431e+05	2.632e+05
5	91	315.00	-1.614e+04	154.64	-2795.16	-2.435e+06	2.395e+05	2.672e+05
5	91	320.00	-1.419e+04	1566.18	-2292.75	-2.042e+06	2.335e+05	2.628e+05
5	91	324.00	-1.347e+04	142.43	-875.68	-2.077e+06	1.146e+05	5.423e+04
5	91	325.00	-1.291e+04	435.07	-507.05	-2.166e+06	1.437e+05	7.121e+04
5	91	330.00	-1.245e+04	-610.21	233.77	-2.120e+06	1.335e+05	1.768e+04
5	91	333.00	-1.242e+04	-1062.18	494.26	-2.044e+06	1.344e+05	-2886.93
5	91	335.00	-1.240e+04	-1393.25	690.79	-1.989e+06	1.349e+05	-1.306e+04
5	91	340.00	-1.216e+04	-2092.04	795.77	-1.890e+06	1.363e+05	-3.157e+04
5	91	342.00	-1.215e+04	-2400.11	850.17	-1.836e+06	1.373e+05	-3.800e+04
5	91	345.00	-1.209e+04	-2958.77	981.38	-1.758e+06	1.384e+05	-4.549e+04
5	91	350.00	-1.182e+04	-3388.91	1096.38	-1.623e+06	1.413e+05	-5.676e+04
5	91	351.00	-1.179e+04	-3439.37	1112.13	-1.587e+06	1.422e+05	-5.923e+04
5	91	355.00	-1.188e+04	-4748.51	1168.13	-1.491e+06	1.436e+05	-6.146e+04
5	91	360.00	-1.469e+04	-2116.17	1221.57	-1.614e+06	1.609e+05	-7.875e+04
5	91	365.00	-1.400e+04	-302.19	653.40	-1.321e+06	1.510e+05	-7.487e+04
5	91	370.00	-1.329e+04	800.67	242.78	-1.091e+06	1.427e+05	-7.373e+04
5	91	375.00	-1.304e+04	744.68	-433.28	-8.721e+05	1.364e+05	-7.707e+04
5	91	380.00	-1.261e+04	262.75	-821.41	-7.087e+05	1.305e+05	-8.246e+04
5	91	385.00	-1.311e+04	-1911.95	-1536.12	-5.272e+05	1.259e+05	-9.141e+04
5	91	390.00	-1.411e+04	-4564.08	-1144.93	-3.497e+05	1.213e+05	-9.754e+04
5	91	395.00	-1.679e+04	-9510.80	-1717.93	-1.355e+05	1.104e+05	-1.092e+05

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.557e+04	-1.708e+04	-4040.99	-4.134e+06	-2.975e+05	-1.112e+05
	-1.066e+04	6695.43	1766.97	3.750e+06	2.702e+05	2.886e+05

Macro	Tipo	Angolo 1-Z (gradi)
6	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
6	1	0.0	-2.839e+04	-1784.10	1548.28	-2.127e+05	-2.782e+05	5696.56
6	1	40.00	-2.839e+04	-1803.82	1548.29	-2.345e+05	-2.636e+05	3268.19
6	1	41.00	-2.823e+04	-1792.73	1614.14	-2.672e+05	-2.552e+05	5657.81
6	1	42.00	-2.813e+04	-1822.38	1551.94	-2.838e+05	-2.465e+05	6421.54
6	1	43.00	-2.804e+04	-1822.25	1560.47	-2.947e+05	-2.390e+05	7523.49
6	1	44.00	-2.797e+04	-1827.16	1565.08	-2.999e+05	-2.325e+05	8522.21
6	1	45.00	-2.790e+04	-1831.95	1571.85	-3.012e+05	-2.265e+05	9343.62
6	1	46.00	-2.777e+04	-872.71	1312.98	-2.981e+05	-2.210e+05	1.002e+04
6	1	47.00	-2.767e+04	-943.94	1340.59	-2.908e+05	-2.157e+05	1.058e+04
6	1	48.00	-2.755e+04	-1004.50	1364.99	-2.767e+05	-2.105e+05	1.118e+04
6	1	49.00	-2.741e+04	-1008.60	1350.37	-2.534e+05	-2.061e+05	1.196e+04
6	1	50.00	-2.724e+04	-1437.89	1352.03	-2.205e+05	-2.041e+05	1.187e+04
6	1	80.00	-2.724e+04	-1420.16	1352.03	-2.417e+05	-1.942e+05	1.204e+04
6	1	82.00	-2.711e+04	-1708.56	1465.93	-2.715e+05	-1.845e+05	1.325e+04
6	1	84.00	-2.700e+04	-1726.66	1454.99	-2.902e+05	-1.757e+05	1.410e+04
6	1	86.00	-2.692e+04	-1740.34	1448.62	-2.997e+05	-1.672e+05	1.468e+04
6	1	88.00	-2.686e+04	-1751.56	1448.14	-3.040e+05	-1.593e+05	1.531e+04
6	1	90.00	-2.680e+04	-1760.61	1449.43	-3.052e+05	-1.520e+05	1.591e+04
6	1	92.00	-2.698e+04	-1764.45	1450.97	-3.095e+05	-1.451e+05	1.647e+04
6	1	94.00	-2.687e+04	-1818.97	1467.11	-3.020e+05	-1.387e+05	1.701e+04
6	1	96.00	-2.674e+04	-1841.64	1472.49	-2.877e+05	-1.329e+05	1.752e+04
6	1	98.00	-2.656e+04	-1790.25	1443.67	-2.582e+05	-1.277e+05	1.773e+04
6	1	100.00	-2.630e+04	-1741.73	1400.35	-2.248e+05	-1.224e+05	1.757e+04
6	1	120.00	-2.630e+04	-1699.82	1400.35	-2.251e+05	-1.159e+05	1.940e+04
6	1	123.00	-2.617e+04	-1645.79	1403.95	-2.551e+05	-1.088e+05	2.026e+04
6	1	126.00	-2.609e+04	-1657.12	1395.91	-2.709e+05	-1.021e+05	2.092e+04
6	1	129.00	-2.604e+04	-1678.37	1386.11	-2.776e+05	-9.569e+04	2.138e+04
6	1	132.00	-2.599e+04	-1696.14	1380.16	-2.818e+05	-8.961e+04	2.178e+04
6	1	135.00	-2.592e+04	-1710.35	1378.74	-2.837e+05	-8.394e+04	2.220e+04
6	1	138.00	-2.583e+04	-1724.99	1379.20	-2.823e+05	-7.863e+04	2.267e+04
6	1	141.00	-2.571e+04	-1732.87	1377.45	-2.751e+05	-7.365e+04	2.316e+04
6	1	144.00	-2.558e+04	-1719.54	1369.19	-2.615e+05	-6.896e+04	2.356e+04
6	1	147.00	-2.534e+04	-1697.94	1358.46	-2.260e+05	-6.435e+04	2.383e+04
6	1	150.00	-2.495e+04	-1686.79	1348.02	-1.477e+05	-5.967e+04	2.403e+04
6	1	160.00	-2.496e+04	-1644.89	1348.02	-1.630e+05	-5.638e+04	2.587e+04

6	1	164.00	-2.484e+04	-1371.56	1283.58	-1.946e+05	-4.904e+04	2.666e+04
6	1	168.00	-2.483e+04	-1393.15	1265.99	-2.007e+05	-3.843e+04	2.738e+04
6	1	172.00	-2.480e+04	-1426.29	1246.72	-2.062e+05	-2.892e+04	2.793e+04
6	1	176.00	-2.472e+04	-1432.71	1237.53	-2.140e+05	-1.649e+04	2.839e+04
6	1	180.00	-2.462e+04	-1437.03	1235.81	-2.187e+05	-4963.64	2.893e+04
6	1	184.00	-2.446e+04	-1456.70	1238.14	-2.179e+05	5554.02	2.960e+04
6	1	188.00	-2.432e+04	-379.33	932.92	-2.114e+05	1.508e+04	3.034e+04
6	1	192.00	-2.420e+04	-332.18	912.56	-2.019e+05	2.380e+04	3.110e+04
6	1	196.00	-2.393e+04	-329.76	915.80	-1.638e+05	3.202e+04	3.191e+04
6	1	200.00	-2.341e+04	-333.14	934.58	-6.128e+04	4.001e+04	3.281e+04
6	1	205.00	-2.336e+04	-564.87	993.90	-8.543e+04	4.905e+04	3.399e+04
6	1	210.00	-2.350e+04	-701.35	963.05	-6.836e+04	5.732e+04	3.478e+04
6	1	215.00	-2.336e+04	-666.74	937.84	-9.095e+04	6.160e+04	3.537e+04
6	1	220.00	-2.320e+04	-593.32	931.56	-1.100e+05	6.180e+04	3.610e+04
6	1	225.00	-2.305e+04	-539.07	930.09	-1.213e+05	6.214e+04	3.708e+04
6	1	230.00	-2.294e+04	-521.66	933.06	-1.263e+05	6.283e+04	3.827e+04
6	1	235.00	-2.311e+04	-556.12	941.52	-1.455e+05	6.403e+04	3.965e+04
6	1	240.00	-2.305e+04	-438.04	896.22	-1.452e+05	6.586e+04	4.119e+04
6	1	245.00	-2.341e+04	-1318.23	802.78	4375.31	7.357e+04	4.117e+04
6	1	246.00	-2.390e+04	-2105.37	807.48	1.410e+05	7.505e+04	4.153e+04
6	1	250.00	-2.272e+04	-2728.52	999.72	1.678e+05	8.081e+04	4.179e+04
6	1	252.00	-2.267e+04	-2972.58	1098.85	1.552e+05	8.249e+04	4.197e+04
6	1	258.00	-2.234e+04	-2488.12	1103.19	9.650e+04	8.656e+04	4.300e+04
6	1	264.00	-2.216e+04	-2111.54	1100.64	6.523e+04	9.003e+04	4.472e+04
6	1	270.00	-2.205e+04	-1799.79	1094.34	4.556e+04	9.326e+04	4.679e+04
6	1	276.00	-2.198e+04	-1520.33	1088.55	3.390e+04	9.654e+04	4.922e+04
6	1	280.00	-2.194e+04	-1354.36	1089.06	3.012e+04	9.885e+04	5.103e+04
6	1	282.00	-2.237e+04	1669.61	926.64	1.394e+05	1.027e+05	4.814e+04
6	1	287.00	-2.088e+04	4422.77	364.63	-2.113e+05	1.051e+05	4.487e+04
6	1	288.00	-2.086e+04	4922.02	283.99	-2.203e+05	1.055e+05	4.473e+04
6	1	294.00	-2.079e+04	5834.00	115.49	-2.372e+05	1.095e+05	4.411e+04
6	1	300.00	-1.966e+04	4753.94	44.06	3.363e+04	1.158e+05	4.378e+04
6	1	301.00	-1.969e+04	4656.75	16.67	2.721e+04	1.164e+05	4.354e+04
6	1	308.00	-1.974e+04	3864.72	47.03	-3.496e+04	1.207e+05	4.267e+04
6	1	315.00	-1.961e+04	2552.24	84.07	-1.237e+05	1.250e+05	4.087e+04
6	1	320.00	-1.941e+04	1339.73	112.41	-2.024e+05	1.286e+05	3.912e+04
6	1	322.00	-1.244e+04	5740.09	-349.29	-1.749e+06	1.154e+05	6.147e+04
6	1	324.00	-1.097e+04	7601.11	76.24	-2.037e+06	1.127e+05	6.885e+04
6	1	328.00	-1.099e+04	7881.22	98.57	-1.927e+06	1.119e+05	7.475e+04
6	1	329.00	-1.103e+04	7747.46	122.20	-1.889e+06	1.120e+05	7.553e+04
6	1	332.00	-1.138e+04	7475.28	98.49	-1.757e+06	1.123e+05	7.809e+04
6	1	336.00	-1.131e+04	7182.80	20.51	-1.634e+06	1.119e+05	8.381e+04
6	1	340.00	-1.150e+04	7382.99	-252.56	-1.555e+06	1.122e+05	8.709e+04
6	1	343.00	-1.154e+04	6345.77	-391.12	-1.494e+06	1.129e+05	8.935e+04
6	1	344.00	-1.222e+04	7117.91	-351.39	-1.565e+06	1.150e+05	9.371e+04
6	1	348.00	-1.274e+04	3840.30	-293.12	-1.533e+06	1.011e+05	7.887e+04
6	1	350.00	-1.166e+04	-1647.09	-276.55	-1.323e+06	8.080e+04	5.294e+04
6	1	352.00	-1.175e+04	-1769.05	-274.87	-1.290e+06	8.362e+04	5.867e+04
6	1	356.00	-1.189e+04	-1894.22	-278.33	-1.214e+06	8.909e+04	6.837e+04
6	1	360.00	-1.200e+04	-1937.32	-293.34	-1.122e+06	9.378e+04	7.678e+04
6	1	364.00	-1.203e+04	-1870.94	-336.15	-1.024e+06	9.753e+04	8.326e+04
6	1	368.00	-1.207e+04	-1731.70	-374.80	-9.103e+05	1.000e+05	8.807e+04
6	1	372.00	-1.202e+04	-1438.26	-449.24	-7.932e+05	1.011e+05	9.136e+04
6	1	376.00	-1.203e+04	-1052.63	-510.21	-6.627e+05	1.003e+05	9.238e+04
6	1	380.00	-1.200e+04	-392.75	-602.55	-5.292e+05	9.754e+04	9.250e+04
6	1	384.00	-1.209e+04	378.08	-674.07	-3.843e+05	9.243e+04	8.897e+04
6	1	388.00	-1.224e+04	1667.75	-664.89	-2.357e+05	8.494e+04	8.545e+04
6	1	392.00	-1.175e+04	2419.49	-625.53	-1.046e+05	7.395e+04	7.403e+04
6	1	396.00	-9344.13	1023.64	145.83	-1.677e+04	5.188e+04	6.185e+04
6	7	0.0	-2.765e+04	-2813.15	-779.80	-2.378e+06	1.688e+05	-1.193e+04
6	7	40.00	-2.765e+04	-2832.87	-779.80	-2.400e+06	1.815e+05	-4.195e+04
6	7	41.00	-2.806e+04	-2604.37	-840.32	-2.312e+06	1.738e+05	-4.520e+04
6	7	42.00	-2.800e+04	-2591.46	-778.57	-2.321e+06	1.675e+05	-4.688e+04
6	7	43.00	-2.794e+04	-2660.59	-780.15	-2.329e+06	1.642e+05	-4.896e+04
6	7	44.00	-2.784e+04	-2740.04	-775.64	-2.336e+06	1.617e+05	-5.097e+04
6	7	45.00	-2.771e+04	-2820.85	-770.97	-2.339e+06	1.586e+05	-5.282e+04
6	7	46.00	-2.762e+04	-3858.03	-499.08	-2.337e+06	1.547e+05	-5.455e+04
6	7	47.00	-2.747e+04	-3851.19	-513.61	-2.327e+06	1.511e+05	-5.618e+04
6	7	48.00	-2.732e+04	-3831.66	-530.78	-2.308e+06	1.476e+05	-5.778e+04
6	7	49.00	-2.715e+04	-3803.00	-544.64	-2.282e+06	1.448e+05	-5.928e+04
6	7	50.00	-2.654e+04	-3182.33	-702.67	-2.154e+06	1.437e+05	-5.973e+04
6	7	80.00	-2.654e+04	-3164.61	-702.67	-2.175e+06	1.540e+05	-7.316e+04
6	7	82.00	-2.683e+04	-2792.10	-816.33	-2.114e+06	1.471e+05	-7.534e+04
6	7	84.00	-2.693e+04	-2705.18	-804.37	-2.099e+06	1.408e+05	-7.712e+04
6	7	86.00	-2.690e+04	-2727.75	-795.82	-2.103e+06	1.348e+05	-7.860e+04
6	7	88.00	-2.680e+04	-2794.97	-791.69	-2.110e+06	1.294e+05	-8.010e+04
6	7	90.00	-2.666e+04	-2871.55	-788.70	-2.113e+06	1.256e+05	-8.150e+04

6	7	92.00	-2.624e+04	-2941.32	-785.98	-2.103e+06	1.231e+05	-8.279e+04
6	7	94.00	-2.607e+04	-2935.10	-799.68	-2.091e+06	1.209e+05	-8.394e+04
6	7	96.00	-2.587e+04	-2916.89	-809.67	-2.068e+06	1.190e+05	-8.492e+04
6	7	98.00	-2.559e+04	-2898.51	-802.10	-2.023e+06	1.176e+05	-8.547e+04
6	7	100.00	-2.523e+04	-2892.20	-797.98	-1.949e+06	1.159e+05	-8.549e+04
6	7	120.00	-2.523e+04	-2850.29	-797.98	-1.969e+06	1.231e+05	-9.005e+04
6	7	123.00	-2.546e+04	-2852.97	-804.17	-1.925e+06	1.173e+05	-9.134e+04
6	7	126.00	-2.561e+04	-2807.83	-797.01	-1.902e+06	1.121e+05	-9.238e+04
6	7	129.00	-2.563e+04	-2829.07	-788.76	-1.901e+06	1.073e+05	-9.317e+04
6	7	132.00	-2.554e+04	-2884.66	-784.84	-1.907e+06	1.028e+05	-9.382e+04
6	7	135.00	-2.539e+04	-2934.42	-786.29	-1.911e+06	9.873e+04	-9.442e+04
6	7	138.00	-2.523e+04	-2963.85	-790.56	-1.908e+06	9.508e+04	-9.494e+04
6	7	141.00	-2.503e+04	-2974.50	-793.35	-1.895e+06	9.181e+04	-9.535e+04
6	7	144.00	-2.477e+04	-2971.99	-789.65	-1.866e+06	8.885e+04	-9.553e+04
6	7	147.00	-2.450e+04	-2952.88	-782.68	-1.825e+06	8.599e+04	-9.543e+04
6	7	150.00	-2.431e+04	-2926.16	-772.40	-1.789e+06	8.307e+04	-9.515e+04
6	7	160.00	-2.431e+04	-2884.26	-772.40	-1.804e+06	8.680e+04	-9.561e+04
6	7	164.00	-2.451e+04	-3087.50	-713.47	-1.768e+06	8.250e+04	-9.580e+04
6	7	168.00	-2.471e+04	-3113.91	-699.89	-1.739e+06	7.494e+04	-9.591e+04
6	7	172.00	-2.474e+04	-3186.96	-686.19	-1.738e+06	6.843e+04	-9.578e+04
6	7	176.00	-2.466e+04	-3221.86	-684.55	-1.746e+06	5.895e+04	-9.549e+04
6	7	180.00	-2.451e+04	-3214.14	-693.28	-1.752e+06	5.030e+04	-9.516e+04
6	7	184.00	-2.429e+04	-3174.32	-707.89	-1.749e+06	4.258e+04	-9.483e+04
6	7	188.00	-2.409e+04	-4227.85	-414.11	-1.738e+06	3.579e+04	-9.438e+04
6	7	192.00	-2.378e+04	-4257.12	-398.26	-1.706e+06	2.974e+04	-9.377e+04
6	7	196.00	-2.352e+04	-4249.67	-389.28	-1.670e+06	2.419e+04	-9.299e+04
6	7	200.00	-2.345e+04	-4204.07	-374.09	-1.663e+06	1.895e+04	-9.206e+04
6	7	205.00	-2.370e+04	-3912.92	-440.41	-1.622e+06	1.435e+04	-9.101e+04
6	7	210.00	-2.399e+04	-4190.12	-418.23	-1.581e+06	1.043e+04	-8.957e+04
6	7	215.00	-2.393e+04	-4258.66	-401.63	-1.594e+06	1.031e+04	-8.796e+04
6	7	220.00	-2.384e+04	-4182.30	-408.35	-1.608e+06	1.403e+04	-8.640e+04
6	7	225.00	-2.374e+04	-4057.43	-425.94	-1.618e+06	1.743e+04	-8.497e+04
6	7	230.00	-2.359e+04	-3919.18	-451.85	-1.622e+06	2.029e+04	-8.357e+04
6	7	235.00	-2.311e+04	-3773.66	-483.24	-1.595e+06	2.247e+04	-8.212e+04
6	7	240.00	-2.276e+04	-3852.71	-451.31	-1.561e+06	2.384e+04	-8.049e+04
6	7	245.00	-2.323e+04	-4361.32	-309.52	-1.355e+06	1.908e+04	-7.685e+04
6	7	246.00	-2.389e+04	-5051.73	-290.73	-1.237e+06	1.790e+04	-7.578e+04
6	7	250.00	-2.329e+04	-4322.77	-426.12	-1.314e+06	1.464e+04	-7.286e+04
6	7	252.00	-2.327e+04	-3948.37	-534.80	-1.322e+06	1.449e+04	-7.156e+04
6	7	258.00	-2.318e+04	-3514.67	-543.25	-1.352e+06	1.533e+04	-6.803e+04
6	7	264.00	-2.319e+04	-3050.21	-561.08	-1.371e+06	1.657e+04	-6.498e+04
6	7	270.00	-2.321e+04	-2626.13	-586.75	-1.387e+06	1.778e+04	-6.215e+04
6	7	276.00	-2.317e+04	-2260.01	-618.52	-1.400e+06	1.862e+04	-5.942e+04
6	7	280.00	-2.308e+04	-2051.05	-647.87	-1.400e+06	1.887e+04	-5.759e+04
6	7	282.00	-2.345e+04	1509.82	-634.58	-1.296e+06	1.808e+04	-5.706e+04
6	7	287.00	-2.141e+04	4396.06	-424.21	-1.612e+06	1.261e+04	-5.147e+04
6	7	288.00	-2.135e+04	4709.03	-349.79	-1.599e+06	1.210e+04	-4.988e+04
6	7	294.00	-2.110e+04	5539.37	-113.99	-1.490e+06	6746.38	-4.127e+04
6	7	300.00	-2.087e+04	5279.90	174.51	-1.385e+06	1025.47	-3.259e+04
6	7	301.00	-2.092e+04	5276.08	210.96	-1.392e+06	866.07	-3.143e+04
6	7	308.00	-2.103e+04	4955.22	234.38	-1.472e+06	259.64	-2.452e+04
6	7	315.00	-2.090e+04	4015.79	284.40	-1.588e+06	326.25	-1.955e+04
6	7	320.00	-2.069e+04	2976.51	333.82	-1.691e+06	651.85	-1.716e+04
6	7	322.00	-1.434e+04	6490.97	-274.48	-3.090e+06	822.30	-4755.58
6	7	324.00	-1.348e+04	7410.20	6.74	-3.232e+06	1.104e+04	-7425.89
6	7	328.00	-1.394e+04	6520.19	22.75	-3.000e+06	2.372e+04	-7682.59
6	7	329.00	-1.405e+04	6158.43	38.58	-2.943e+06	2.537e+04	-7156.02
6	7	332.00	-1.452e+04	5071.82	-20.06	-2.749e+06	2.925e+04	-5432.18
6	7	336.00	-1.456e+04	3905.04	-135.40	-2.555e+06	3.303e+04	-2934.00
6	7	340.00	-1.455e+04	2690.77	-336.88	-2.366e+06	3.447e+04	3045.71
6	7	343.00	-1.443e+04	1210.37	-588.37	-2.226e+06	3.634e+04	7682.66
6	7	344.00	-1.517e+04	1915.51	-630.64	-2.284e+06	3.808e+04	1.304e+04
6	7	348.00	-1.594e+04	-1584.76	-668.80	-2.205e+06	2.106e+04	2214.53
6	7	350.00	-1.498e+04	-7185.93	-697.51	-1.973e+06	-2169.20	-2.293e+04
6	7	352.00	-1.508e+04	-7065.22	-711.75	-1.903e+06	2861.43	-1.593e+04
6	7	356.00	-1.524e+04	-6712.94	-717.34	-1.754e+06	1.259e+04	-2278.85
6	7	360.00	-1.538e+04	-6251.09	-764.43	-1.591e+06	2.158e+04	9764.96
6	7	364.00	-1.544e+04	-5693.38	-772.49	-1.424e+06	2.967e+04	2.127e+04
6	7	368.00	-1.552e+04	-5008.05	-843.38	-1.245e+06	3.672e+04	3.084e+04
6	7	372.00	-1.551e+04	-4198.87	-847.11	-1.064e+06	4.265e+04	4.009e+04
6	7	376.00	-1.557e+04	-3208.70	-936.08	-8.729e+05	4.722e+04	4.696e+04
6	7	380.00	-1.558e+04	-2014.35	-914.27	-6.818e+05	5.051e+04	5.381e+04
6	7	384.00	-1.568e+04	-573.02	-998.43	-4.844e+05	5.223e+04	5.732e+04
6	7	388.00	-1.578e+04	1184.48	-822.27	-2.894e+05	5.287e+04	6.140e+04
6	7	392.00	-1.500e+04	2579.45	-751.29	-1.228e+05	5.071e+04	5.801e+04
6	7	396.00	-1.169e+04	811.05	54.62	-1.677e+04	3.907e+04	5.110e+04
6	18	0.0	-3.062e+04	1.036e+04	443.04	3.176e+06	-6.502e+04	1574.82

6	18	40.00	-3.062e+04	1.034e+04	443.04	3.154e+06	-5.132e+04	-7527.85
6	18	41.00	-2.962e+04	9918.86	462.31	2.940e+06	-5.042e+04	-6980.80
6	18	42.00	-2.946e+04	9940.33	454.62	2.914e+06	-4.959e+04	-6855.62
6	18	43.00	-2.930e+04	1.005e+04	459.28	2.895e+06	-4.900e+04	-6584.40
6	18	44.00	-2.918e+04	1.018e+04	464.42	2.886e+06	-4.856e+04	-6351.15
6	18	45.00	-2.908e+04	1.032e+04	470.71	2.884e+06	-4.818e+04	-6187.29
6	18	46.00	-2.899e+04	1.075e+04	397.72	2.887e+06	-4.783e+04	-6081.34
6	18	47.00	-2.894e+04	1.087e+04	410.61	2.890e+06	-4.747e+04	-6015.08
6	18	48.00	-2.891e+04	1.097e+04	420.77	2.893e+06	-4.711e+04	-5916.35
6	18	49.00	-2.892e+04	1.099e+04	413.20	2.892e+06	-4.693e+04	-5673.06
6	18	50.00	-2.975e+04	1.045e+04	350.53	2.713e+06	-4.737e+04	-4833.95
6	18	80.00	-2.975e+04	1.047e+04	350.53	2.692e+06	-3.727e+04	-8227.33
6	18	82.00	-2.897e+04	1.025e+04	388.34	2.524e+06	-4.050e+04	-7966.28
6	18	84.00	-2.855e+04	1.011e+04	389.22	2.454e+06	-4.351e+04	-7855.12
6	18	86.00	-2.835e+04	1.014e+04	390.88	2.430e+06	-4.629e+04	-7858.64
6	18	88.00	-2.820e+04	1.023e+04	393.54	2.419e+06	-4.892e+04	-7834.92
6	18	90.00	-2.810e+04	1.035e+04	396.97	2.417e+06	-5.136e+04	-7812.54
6	18	92.00	-2.810e+04	1.047e+04	400.51	2.417e+06	-5.360e+04	-7788.40
6	18	94.00	-2.808e+04	1.055e+04	407.99	2.419e+06	-5.565e+04	-7736.29
6	18	96.00	-2.811e+04	1.056e+04	410.53	2.414e+06	-5.757e+04	-7663.16
6	18	98.00	-2.836e+04	1.043e+04	395.86	2.372e+06	-5.951e+04	-7702.85
6	18	100.00	-2.892e+04	1.033e+04	367.14	2.250e+06	-6.148e+04	-7853.41
6	18	120.00	-2.892e+04	1.038e+04	367.14	2.230e+06	-5.477e+04	-7949.07
6	18	123.00	-2.825e+04	1.034e+04	372.14	2.085e+06	-5.093e+04	-7775.16
6	18	126.00	-2.779e+04	1.026e+04	371.50	2.006e+06	-4.733e+04	-7666.86
6	18	129.00	-2.751e+04	1.023e+04	370.74	1.972e+06	-4.388e+04	-7648.38
6	18	132.00	-2.732e+04	1.028e+04	371.25	1.958e+06	-4.056e+04	-7664.47
6	18	135.00	-2.721e+04	1.036e+04	373.07	1.955e+06	-3.743e+04	-7660.90
6	18	138.00	-2.711e+04	1.044e+04	375.40	1.957e+06	-3.450e+04	-7617.34
6	18	141.00	-2.713e+04	1.048e+04	377.03	1.954e+06	-3.179e+04	-7532.70
6	18	144.00	-2.726e+04	1.044e+04	376.14	1.936e+06	-2.930e+04	-7441.92
6	18	147.00	-2.753e+04	1.036e+04	374.63	1.888e+06	-2.697e+04	-7368.21
6	18	150.00	-2.792e+04	1.032e+04	370.84	1.801e+06	-2.472e+04	-7280.06
6	18	160.00	-2.793e+04	1.036e+04	370.84	1.786e+06	-2.129e+04	-6211.91
6	18	164.00	-2.733e+04	1.043e+04	356.47	1.652e+06	-1.888e+04	-5806.12
6	18	168.00	-2.690e+04	1.037e+04	351.61	1.577e+06	-1.542e+04	-5373.70
6	18	172.00	-2.656e+04	1.034e+04	347.12	1.535e+06	-1.222e+04	-5039.30
6	18	176.00	-2.632e+04	1.038e+04	346.19	1.516e+06	-8066.73	-4758.98
6	18	180.00	-2.618e+04	1.044e+04	347.70	1.510e+06	-4101.85	-4429.99
6	18	184.00	-2.629e+04	1.048e+04	350.00	1.505e+06	-371.14	-4013.60
6	18	188.00	-2.635e+04	1.082e+04	260.23	1.497e+06	3107.91	-3516.82
6	18	192.00	-2.653e+04	1.079e+04	257.92	1.470e+06	6375.00	-2937.67
6	18	196.00	-2.679e+04	1.072e+04	267.99	1.422e+06	9511.60	-2249.72
6	18	200.00	-2.703e+04	1.069e+04	289.01	1.361e+06	1.262e+04	-1413.43
6	18	205.00	-2.655e+04	1.064e+04	318.61	1.245e+06	1.507e+04	-51.12
6	18	210.00	-2.622e+04	1.049e+04	307.98	1.184e+06	1.755e+04	1178.61
6	18	215.00	-2.574e+04	1.054e+04	301.38	1.122e+06	1.909e+04	2275.71
6	18	220.00	-2.544e+04	1.064e+04	302.21	1.093e+06	1.964e+04	3445.99
6	18	225.00	-2.530e+04	1.073e+04	303.26	1.082e+06	2.042e+04	4754.31
6	18	230.00	-2.527e+04	1.077e+04	304.60	1.075e+06	2.141e+04	6193.34
6	18	235.00	-2.543e+04	1.077e+04	306.90	1.056e+06	2.266e+04	7781.84
6	18	240.00	-2.566e+04	1.078e+04	296.50	1.022e+06	2.418e+04	9539.72
6	18	245.00	-2.619e+04	1.017e+04	309.90	1.021e+06	2.568e+04	1.184e+04
6	18	246.00	-2.677e+04	9451.84	324.39	1.116e+06	2.601e+04	1.266e+04
6	18	250.00	-2.580e+04	9370.29	403.96	9.480e+05	2.796e+04	1.471e+04
6	18	252.00	-2.557e+04	9388.12	428.74	9.070e+05	2.863e+04	1.564e+04
6	18	258.00	-2.501e+04	9890.46	440.76	8.221e+05	3.074e+04	1.863e+04
6	18	264.00	-2.477e+04	1.026e+04	445.29	7.857e+05	3.305e+04	2.182e+04
6	18	270.00	-2.469e+04	1.053e+04	444.08	7.670e+05	3.543e+04	2.506e+04
6	18	276.00	-2.474e+04	1.075e+04	440.66	7.524e+05	3.788e+04	2.845e+04
6	18	280.00	-2.489e+04	1.088e+04	439.30	7.368e+05	3.954e+04	3.081e+04
6	18	282.00	-2.506e+04	1.416e+04	331.57	7.564e+05	4.671e+04	3.006e+04
6	18	287.00	-2.281e+04	1.715e+04	20.10	2.047e+05	5.728e+04	3.193e+04
6	18	288.00	-2.273e+04	1.759e+04	-0.97	1.751e+05	5.753e+04	3.245e+04
6	18	294.00	-2.249e+04	1.858e+04	5.53	5952.38	6.020e+04	3.556e+04
6	18	300.00	-2.163e+04	1.777e+04	94.79	5.468e+04	6.459e+04	3.804e+04
6	18	301.00	-2.159e+04	1.768e+04	93.52	3.586e+04	6.528e+04	3.835e+04
6	18	308.00	-2.127e+04	1.687e+04	148.70	-1.009e+05	7.233e+04	3.633e+04
6	18	315.00	-2.086e+04	1.548e+04	217.84	-2.585e+05	8.109e+04	3.427e+04
6	18	320.00	-2.054e+04	1.419e+04	273.58	-3.878e+05	8.711e+04	3.261e+04
6	18	322.00	-1.437e+04	1.803e+04	-244.84	-1.747e+06	7.627e+04	4.811e+04
6	18	324.00	-1.372e+04	1.932e+04	124.91	-1.850e+06	7.559e+04	4.866e+04
6	18	328.00	-1.354e+04	1.866e+04	171.27	-1.784e+06	7.965e+04	5.016e+04
6	18	329.00	-1.355e+04	1.828e+04	189.39	-1.755e+06	7.990e+04	5.126e+04
6	18	332.00	-1.384e+04	1.723e+04	146.30	-1.652e+06	8.016e+04	5.481e+04
6	18	336.00	-1.374e+04	1.596e+04	75.46	-1.562e+06	8.192e+04	5.607e+04
6	18	340.00	-1.389e+04	1.497e+04	-166.03	-1.517e+06	8.681e+04	5.758e+04

6	18	343.00	-1.391e+04	1.324e+04	-328.78	-1.481e+06	9.085e+04	5.864e+04
6	18	344.00	-1.481e+04	1.381e+04	-314.65	-1.588e+06	9.318e+04	6.292e+04
6	18	348.00	-1.621e+04	9736.36	-287.81	-1.703e+06	8.067e+04	5.170e+04
6	18	350.00	-1.556e+04	3829.05	-282.98	-1.569e+06	6.111e+04	2.598e+04
6	18	352.00	-1.551e+04	3387.75	-291.10	-1.526e+06	6.451e+04	3.157e+04
6	18	356.00	-1.537e+04	2654.07	-308.22	-1.428e+06	7.029e+04	4.402e+04
6	18	360.00	-1.521e+04	1968.75	-345.41	-1.315e+06	7.544e+04	5.270e+04
6	18	364.00	-1.501e+04	1462.23	-387.81	-1.193e+06	7.985e+04	6.194e+04
6	18	368.00	-1.480e+04	1008.22	-450.52	-1.058e+06	8.315e+04	6.748e+04
6	18	372.00	-1.458e+04	807.97	-510.01	-9.156e+05	8.527e+04	7.361e+04
6	18	376.00	-1.440e+04	697.42	-595.44	-7.622e+05	8.576e+04	7.575e+04
6	18	380.00	-1.424e+04	978.90	-655.17	-6.028e+05	8.461e+04	7.885e+04
6	18	384.00	-1.418e+04	1391.55	-746.47	-4.351e+05	8.129e+04	7.679e+04
6	18	388.00	-1.423e+04	2423.71	-671.94	-2.631e+05	7.602e+04	7.651e+04
6	18	392.00	-1.351e+04	2956.09	-646.45	-1.144e+05	6.733e+04	6.742e+04
6	18	396.00	-1.061e+04	1166.28	133.34	-1.677e+04	4.801e+04	5.859e+04
6	22	0.0	-3.047e+04	1.112e+04	262.47	3.164e+06	-5.505e+04	996.28
6	22	40.00	-3.047e+04	1.110e+04	262.47	3.142e+06	-4.139e+04	-9009.46
6	22	41.00	-2.948e+04	1.068e+04	275.65	2.931e+06	-4.087e+04	-8647.01
6	22	42.00	-2.932e+04	1.071e+04	269.53	2.905e+06	-4.039e+04	-8623.21
6	22	43.00	-2.916e+04	1.082e+04	274.42	2.886e+06	-4.005e+04	-8468.80
6	22	44.00	-2.904e+04	1.095e+04	279.66	2.877e+06	-3.980e+04	-8338.24
6	22	45.00	-2.894e+04	1.109e+04	286.09	2.875e+06	-3.959e+04	-8260.22
6	22	46.00	-2.886e+04	1.123e+04	292.98	2.877e+06	-3.937e+04	-8228.01
6	22	47.00	-2.881e+04	1.137e+04	299.36	2.881e+06	-3.914e+04	-8228.58
6	22	48.00	-2.878e+04	1.149e+04	302.26	2.883e+06	-3.890e+04	-8197.13
6	22	49.00	-2.879e+04	1.152e+04	287.85	2.882e+06	-3.878e+04	-8023.24
6	22	50.00	-2.961e+04	1.110e+04	201.66	2.704e+06	-3.915e+04	-7218.50
6	22	80.00	-2.961e+04	1.112e+04	201.66	2.683e+06	-2.904e+04	-1.106e+04
6	22	82.00	-2.884e+04	1.099e+04	211.60	2.517e+06	-3.258e+04	-1.092e+04
6	22	84.00	-2.843e+04	1.086e+04	211.06	2.448e+06	-3.586e+04	-1.092e+04
6	22	86.00	-2.822e+04	1.089e+04	212.37	2.423e+06	-3.889e+04	-1.101e+04
6	22	88.00	-2.807e+04	1.099e+04	214.90	2.413e+06	-4.173e+04	-1.107e+04
6	22	90.00	-2.796e+04	1.110e+04	217.93	2.410e+06	-4.435e+04	-1.112e+04
6	22	92.00	-2.788e+04	1.122e+04	220.88	2.412e+06	-4.674e+04	-1.116e+04
6	22	94.00	-2.785e+04	1.131e+04	222.52	2.414e+06	-4.893e+04	-1.118e+04
6	22	96.00	-2.789e+04	1.133e+04	220.15	2.408e+06	-5.098e+04	-1.116e+04
6	22	98.00	-2.814e+04	1.119e+04	208.56	2.365e+06	-5.301e+04	-1.123e+04
6	22	100.00	-2.872e+04	1.102e+04	203.54	2.240e+06	-5.506e+04	-1.140e+04
6	22	120.00	-2.873e+04	1.106e+04	203.54	2.220e+06	-4.834e+04	-1.172e+04
6	22	123.00	-2.806e+04	1.101e+04	210.18	2.075e+06	-4.475e+04	-1.164e+04
6	22	126.00	-2.760e+04	1.094e+04	209.06	1.997e+06	-4.137e+04	-1.162e+04
6	22	129.00	-2.731e+04	1.091e+04	208.59	1.962e+06	-3.814e+04	-1.166e+04
6	22	132.00	-2.712e+04	1.096e+04	208.38	1.948e+06	-3.503e+04	-1.174e+04
6	22	135.00	-2.700e+04	1.104e+04	208.71	1.945e+06	-3.208e+04	-1.179e+04
6	22	138.00	-2.690e+04	1.112e+04	209.22	1.947e+06	-2.931e+04	-1.181e+04
6	22	141.00	-2.692e+04	1.116e+04	209.24	1.944e+06	-2.676e+04	-1.177e+04
6	22	144.00	-2.705e+04	1.112e+04	207.90	1.926e+06	-2.443e+04	-1.172e+04
6	22	147.00	-2.734e+04	1.089e+04	245.76	1.875e+06	-2.226e+04	-1.168e+04
6	22	150.00	-2.777e+04	1.085e+04	241.67	1.780e+06	-2.018e+04	-1.161e+04
6	22	160.00	-2.777e+04	1.089e+04	241.67	1.765e+06	-1.674e+04	-1.063e+04
6	22	164.00	-2.717e+04	1.089e+04	246.63	1.631e+06	-1.372e+04	-1.031e+04
6	22	168.00	-2.674e+04	1.083e+04	243.59	1.556e+06	-1.095e+04	-9954.53
6	22	172.00	-2.640e+04	1.079e+04	240.80	1.513e+06	-7520.60	-9675.26
6	22	176.00	-2.615e+04	1.083e+04	238.35	1.494e+06	-4200.63	-9442.87
6	22	180.00	-2.601e+04	1.090e+04	236.83	1.488e+06	-951.76	-9165.25
6	22	184.00	-2.616e+04	1.095e+04	235.62	1.482e+06	2197.80	-8802.32
6	22	188.00	-2.623e+04	1.096e+04	235.23	1.473e+06	5232.56	-8353.01
6	22	192.00	-2.642e+04	1.092e+04	236.99	1.446e+06	8178.44	-7810.98
6	22	196.00	-2.670e+04	1.085e+04	244.09	1.395e+06	1.110e+04	-7154.09
6	22	200.00	-2.699e+04	1.082e+04	261.03	1.323e+06	1.407e+04	-6347.66
6	22	205.00	-2.651e+04	1.085e+04	270.97	1.208e+06	1.617e+04	-5077.19
6	22	210.00	-2.617e+04	1.068e+04	265.45	1.145e+06	1.775e+04	-3898.82
6	22	215.00	-2.569e+04	1.071e+04	258.90	1.082e+06	1.861e+04	-2837.50
6	22	220.00	-2.539e+04	1.082e+04	255.85	1.053e+06	1.959e+04	-1718.69
6	22	225.00	-2.526e+04	1.092e+04	252.53	1.042e+06	2.071e+04	-473.96
6	22	230.00	-2.523e+04	1.098e+04	248.71	1.035e+06	2.196e+04	901.62
6	22	235.00	-2.536e+04	1.100e+04	245.55	1.019e+06	2.336e+04	2431.71
6	22	240.00	-2.558e+04	1.097e+04	247.99	9.844e+05	2.494e+04	4148.10
6	22	245.00	-2.612e+04	1.044e+04	291.16	9.809e+05	2.640e+04	6431.26
6	22	246.00	-2.671e+04	9731.88	305.06	1.074e+06	2.673e+04	7252.16
6	22	250.00	-2.578e+04	9847.28	320.58	8.944e+05	2.865e+04	9303.37
6	22	252.00	-2.554e+04	9961.24	310.65	8.527e+05	2.935e+04	1.023e+04
6	22	258.00	-2.499e+04	1.045e+04	313.86	7.691e+05	3.158e+04	1.316e+04
6	22	264.00	-2.476e+04	1.083e+04	313.51	7.336e+05	3.398e+04	1.626e+04
6	22	270.00	-2.470e+04	1.111e+04	307.24	7.151e+05	3.641e+04	1.940e+04
6	22	276.00	-2.476e+04	1.135e+04	298.63	7.004e+05	3.880e+04	2.268e+04

6	22	280.00	-2.491e+04	1.149e+04	292.77	6.847e+05	4.037e+04	2.497e+04
6	22	282.00	-2.506e+04	1.478e+04	197.64	7.006e+05	4.748e+04	2.404e+04
6	22	287.00	-2.273e+04	1.763e+04	-30.12	1.446e+05	5.790e+04	2.585e+04
6	22	288.00	-2.265e+04	1.804e+04	-28.70	1.165e+05	5.813e+04	2.634e+04
6	22	294.00	-2.242e+04	1.901e+04	29.10	-4.857e+04	6.044e+04	2.954e+04
6	22	300.00	-2.162e+04	1.825e+04	155.01	-1.118e+04	6.427e+04	3.235e+04
6	22	301.00	-2.157e+04	1.818e+04	162.08	-3.013e+04	6.495e+04	3.269e+04
6	22	308.00	-2.126e+04	1.740e+04	205.59	-1.684e+05	7.191e+04	3.087e+04
6	22	315.00	-2.085e+04	1.603e+04	265.09	-3.280e+05	8.055e+04	2.894e+04
6	22	320.00	-2.053e+04	1.474e+04	315.63	-4.590e+05	8.646e+04	2.734e+04
6	22	322.00	-1.440e+04	1.851e+04	-210.11	-1.807e+06	7.570e+04	4.283e+04
6	22	324.00	-1.380e+04	1.973e+04	152.73	-1.900e+06	7.507e+04	4.338e+04
6	22	328.00	-1.367e+04	1.897e+04	189.73	-1.826e+06	7.894e+04	4.503e+04
6	22	329.00	-1.368e+04	1.856e+04	207.23	-1.795e+06	7.912e+04	4.614e+04
6	22	332.00	-1.399e+04	1.746e+04	161.37	-1.691e+06	7.911e+04	4.972e+04
6	22	336.00	-1.391e+04	1.603e+04	83.72	-1.600e+06	8.052e+04	5.086e+04
6	22	340.00	-1.405e+04	1.488e+04	-161.48	-1.550e+06	8.500e+04	5.299e+04
6	22	343.00	-1.407e+04	1.311e+04	-351.97	-1.511e+06	8.875e+04	5.448e+04
6	22	344.00	-1.497e+04	1.367e+04	-354.06	-1.618e+06	9.097e+04	5.888e+04
6	22	348.00	-1.637e+04	9570.56	-357.64	-1.732e+06	7.793e+04	4.799e+04
6	22	350.00	-1.573e+04	3647.00	-367.28	-1.596e+06	5.805e+04	2.238e+04
6	22	352.00	-1.567e+04	3210.29	-375.18	-1.552e+06	6.145e+04	2.809e+04
6	22	356.00	-1.553e+04	2485.02	-390.02	-1.451e+06	6.727e+04	4.080e+04
6	22	360.00	-1.537e+04	1807.89	-426.56	-1.335e+06	7.247e+04	4.974e+04
6	22	364.00	-1.516e+04	1310.49	-463.82	-1.211e+06	7.696e+04	5.927e+04
6	22	368.00	-1.496e+04	868.48	-526.02	-1.073e+06	8.037e+04	6.508e+04
6	22	372.00	-1.473e+04	681.44	-578.23	-9.281e+05	8.263e+04	7.152e+04
6	22	376.00	-1.455e+04	590.23	-662.85	-7.720e+05	8.330e+04	7.396e+04
6	22	380.00	-1.439e+04	890.88	-713.32	-6.100e+05	8.239e+04	7.735e+04
6	22	384.00	-1.434e+04	1332.72	-802.33	-4.399e+05	7.937e+04	7.563e+04
6	22	388.00	-1.438e+04	2386.44	-716.36	-2.657e+05	7.447e+04	7.566e+04
6	22	392.00	-1.366e+04	2953.20	-685.32	-1.153e+05	6.618e+04	6.695e+04
6	22	396.00	-1.072e+04	1149.32	100.04	-1.677e+04	4.738e+04	5.819e+04
6	33	0.0	-2.849e+04	-613.16	893.53	-3.123e+05	-1.554e+05	1359.73
6	33	40.00	-2.849e+04	-632.87	893.53	-3.341e+05	-1.413e+05	-7838.85
6	33	41.00	-2.836e+04	-621.74	926.08	-3.605e+05	-1.371e+05	-6902.63
6	33	42.00	-2.826e+04	-636.52	897.32	-3.765e+05	-1.328e+05	-6746.38
6	33	43.00	-2.817e+04	-639.30	903.25	-3.874e+05	-1.290e+05	-6435.22
6	33	44.00	-2.809e+04	-645.65	907.93	-3.934e+05	-1.257e+05	-6181.47
6	33	45.00	-2.800e+04	-651.25	914.23	-3.952e+05	-1.227e+05	-6021.04
6	33	46.00	-2.789e+04	-202.72	796.37	-3.924e+05	-1.199e+05	-5938.86
6	33	47.00	-2.778e+04	-234.20	812.69	-3.849e+05	-1.171e+05	-5909.35
6	33	48.00	-2.767e+04	-257.87	826.07	-3.711e+05	-1.144e+05	-5849.58
6	33	49.00	-2.753e+04	-251.63	812.57	-3.498e+05	-1.121e+05	-5630.42
6	33	50.00	-2.738e+04	-457.81	770.06	-3.191e+05	-1.111e+05	-5736.13
6	33	80.00	-2.738e+04	-440.08	770.06	-3.403e+05	-1.010e+05	-8949.13
6	33	82.00	-2.727e+04	-571.33	824.29	-3.654e+05	-9.609e+04	-8593.13
6	33	84.00	-2.717e+04	-579.20	819.73	-3.824e+05	-9.153e+04	-8405.50
6	33	86.00	-2.709e+04	-590.46	817.57	-3.923e+05	-8.711e+04	-8338.36
6	33	88.00	-2.701e+04	-602.66	818.50	-3.978e+05	-8.297e+04	-8241.71
6	33	90.00	-2.693e+04	-612.45	820.47	-3.996e+05	-7.911e+04	-8149.13
6	33	92.00	-2.696e+04	-617.11	822.58	-4.002e+05	-7.548e+04	-8058.16
6	33	94.00	-2.684e+04	-642.89	831.03	-3.924e+05	-7.205e+04	-7942.50
6	33	96.00	-2.671e+04	-652.66	832.87	-3.782e+05	-6.889e+04	-7808.16
6	33	98.00	-2.655e+04	-629.57	814.22	-3.532e+05	-6.606e+04	-7795.40
6	33	100.00	-2.636e+04	-608.00	783.36	-3.144e+05	-6.324e+04	-7919.43
6	33	120.00	-2.636e+04	-566.09	783.36	-3.347e+05	-5.655e+04	-7708.84
6	33	123.00	-2.625e+04	-535.03	785.22	-3.610e+05	-5.260e+04	-7394.14
6	33	126.00	-2.618e+04	-542.01	781.38	-3.752e+05	-4.885e+04	-7170.13
6	33	129.00	-2.612e+04	-563.78	776.58	-3.832e+05	-4.526e+04	-7033.19
6	33	132.00	-2.605e+04	-582.61	773.56	-3.889e+05	-4.181e+04	-6913.55
6	33	135.00	-2.595e+04	-594.01	772.61	-3.914e+05	-3.855e+04	-6758.36
6	33	138.00	-2.585e+04	-601.87	772.39	-3.896e+05	-3.547e+04	-6553.35
6	33	141.00	-2.573e+04	-605.08	770.87	-3.822e+05	-3.254e+04	-6307.15
6	33	144.00	-2.559e+04	-599.79	766.42	-3.687e+05	-2.976e+04	-6064.89
6	33	147.00	-2.541e+04	-591.23	761.10	-3.413e+05	-2.703e+04	-5858.50
6	33	150.00	-2.515e+04	-583.06	756.45	-2.905e+05	-2.427e+04	-5653.07
6	33	160.00	-2.515e+04	-541.16	756.45	-3.058e+05	-2.087e+04	-4397.63
6	33	164.00	-2.505e+04	-398.73	725.81	-3.339e+05	-1.663e+04	-3870.02
6	33	168.00	-2.504e+04	-425.81	716.44	-3.398e+05	-1.084e+04	-3358.84
6	33	172.00	-2.499e+04	-467.80	706.02	-3.478e+05	-5563.75	-2929.51
6	33	176.00	-2.489e+04	-475.41	700.19	-3.569e+05	1077.44	-2524.42
6	33	180.00	-2.478e+04	-469.69	697.45	-3.620e+05	7274.05	-2050.61
6	33	184.00	-2.464e+04	-469.34	696.27	-3.616e+05	1.297e+04	-1480.83
6	33	188.00	-2.450e+04	41.49	551.13	-3.555e+05	1.818e+04	-834.46
6	33	192.00	-2.438e+04	63.18	541.13	-3.452e+05	2.298e+04	-124.69
6	33	196.00	-2.417e+04	58.29	546.83	-3.172e+05	2.752e+04	666.44

6	33	200.00	-2.383e+04	62.81	565.48	-2.540e+05	3.197e+04	1569.79
6	33	205.00	-2.380e+04	-30.22	592.91	-2.738e+05	3.719e+04	2737.77
6	33	210.00	-2.392e+04	-200.16	575.71	-2.601e+05	4.205e+04	3718.07
6	33	215.00	-2.376e+04	-186.41	561.63	-2.851e+05	4.500e+04	4589.76
6	33	220.00	-2.360e+04	-108.64	556.18	-3.041e+05	4.599e+04	5548.46
6	33	225.00	-2.347e+04	-35.25	551.67	-3.151e+05	4.703e+04	6663.95
6	33	230.00	-2.336e+04	11.77	548.39	-3.202e+05	4.821e+04	7926.39
6	33	235.00	-2.338e+04	20.21	547.71	-3.289e+05	4.962e+04	9344.88
6	33	240.00	-2.328e+04	82.68	523.59	-3.251e+05	5.132e+04	1.093e+04
6	33	245.00	-2.369e+04	-682.43	495.61	-1.798e+05	5.578e+04	1.197e+04
6	33	246.00	-2.423e+04	-1440.55	504.61	-5.172e+04	5.663e+04	1.254e+04
6	33	250.00	-2.320e+04	-1697.75	610.93	-6.995e+04	6.024e+04	1.358e+04
6	33	252.00	-2.314e+04	-1772.62	655.01	-8.476e+04	6.144e+04	1.409e+04
6	33	258.00	-2.283e+04	-1296.80	657.62	-1.403e+05	6.458e+04	1.589e+04
6	33	264.00	-2.269e+04	-901.76	652.71	-1.693e+05	6.744e+04	1.806e+04
6	33	270.00	-2.261e+04	-569.21	642.95	-1.882e+05	7.014e+04	2.043e+04
6	33	276.00	-2.256e+04	-276.40	631.96	-2.004e+05	7.281e+04	2.303e+04
6	33	280.00	-2.254e+04	-104.39	625.87	-2.049e+05	7.460e+04	2.491e+04
6	33	282.00	-2.292e+04	3067.74	508.92	-1.070e+05	7.779e+04	2.299e+04
6	33	287.00	-2.122e+04	5872.31	149.12	-4.725e+05	7.922e+04	2.219e+04
6	33	288.00	-2.119e+04	6322.43	110.35	-4.791e+05	7.941e+04	2.249e+04
6	33	294.00	-2.105e+04	7226.03	51.78	-4.860e+05	8.129e+04	2.430e+04
6	33	300.00	-2.015e+04	6360.27	81.19	-2.774e+05	8.489e+04	2.623e+04
6	33	301.00	-2.017e+04	6285.81	71.34	-2.854e+05	8.542e+04	2.636e+04
6	33	308.00	-2.019e+04	5596.92	103.05	-3.604e+05	8.906e+04	2.721e+04
6	33	315.00	-2.003e+04	4360.61	146.50	-4.635e+05	9.298e+04	2.697e+04
6	33	320.00	-1.982e+04	3179.48	182.42	-5.534e+05	9.612e+04	2.619e+04
6	33	322.00	-1.308e+04	7319.13	-318.49	-2.045e+06	8.619e+04	4.587e+04
6	33	324.00	-1.184e+04	8906.07	68.44	-2.279e+06	8.652e+04	5.056e+04
6	33	328.00	-1.193e+04	8819.31	91.75	-2.147e+06	8.908e+04	5.465e+04
6	33	329.00	-1.199e+04	8606.29	112.97	-2.106e+06	8.957e+04	5.535e+04
6	33	332.00	-1.235e+04	8065.27	79.21	-1.964e+06	9.064e+04	5.767e+04
6	33	336.00	-1.230e+04	7466.03	-6.41	-1.829e+06	9.135e+04	6.218e+04
6	33	340.00	-1.244e+04	7212.74	-259.30	-1.730e+06	9.248e+04	6.587e+04
6	33	343.00	-1.245e+04	5996.59	-426.02	-1.654e+06	9.377e+04	6.850e+04
6	33	344.00	-1.317e+04	6731.16	-407.75	-1.726e+06	9.579e+04	7.306e+04
6	33	348.00	-1.385e+04	3314.02	-374.69	-1.702e+06	8.126e+04	5.935e+04
6	33	350.00	-1.285e+04	-2246.27	-369.59	-1.496e+06	6.040e+04	3.362e+04
6	33	352.00	-1.292e+04	-2350.50	-372.49	-1.453e+06	6.377e+04	3.962e+04
6	33	356.00	-1.303e+04	-2438.57	-378.10	-1.359e+06	7.021e+04	5.040e+04
6	33	360.00	-1.312e+04	-2442.58	-402.63	-1.248e+06	7.588e+04	5.964e+04
6	33	364.00	-1.313e+04	-2332.35	-437.91	-1.132e+06	8.066e+04	6.747e+04
6	33	368.00	-1.315e+04	-2139.86	-486.31	-1.002e+06	8.422e+04	7.340e+04
6	33	372.00	-1.309e+04	-1788.60	-543.58	-8.675e+05	8.646e+04	7.826e+04
6	33	376.00	-1.309e+04	-1326.24	-613.44	-7.208e+05	8.699e+04	8.070e+04
6	33	380.00	-1.305e+04	-591.59	-676.95	-5.715e+05	8.575e+04	8.257e+04
6	33	384.00	-1.313e+04	285.97	-753.45	-4.124e+05	8.234e+04	8.076e+04
6	33	388.00	-1.325e+04	1649.42	-699.99	-2.508e+05	7.688e+04	7.921e+04
6	33	392.00	-1.267e+04	2517.71	-655.20	-1.098e+05	6.808e+04	6.979e+04
6	33	396.00	-1.001e+04	993.16	124.17	-1.677e+04	4.861e+04	5.917e+04
6	38	0.0	-2.900e+04	1907.31	830.35	5.258e+05	-1.449e+05	1822.39
6	38	40.00	-2.900e+04	1887.60	830.35	5.040e+05	-1.308e+05	-6614.06
6	38	41.00	-2.867e+04	1796.70	862.71	4.326e+05	-1.266e+05	-5636.12
6	38	42.00	-2.856e+04	1789.15	836.22	4.142e+05	-1.231e+05	-5425.28
6	38	43.00	-2.845e+04	1813.75	842.09	4.014e+05	-1.210e+05	-5043.63
6	38	44.00	-2.835e+04	1839.93	846.90	3.948e+05	-1.192e+05	-4719.89
6	38	45.00	-2.827e+04	1868.71	853.27	3.930e+05	-1.172e+05	-4492.64
6	38	46.00	-2.816e+04	2351.64	735.45	3.957e+05	-1.147e+05	-4346.03
6	38	47.00	-2.807e+04	2352.88	751.79	4.023e+05	-1.124e+05	-4254.31
6	38	48.00	-2.797e+04	2356.30	765.25	4.135e+05	-1.100e+05	-4131.69
6	38	49.00	-2.787e+04	2365.70	753.25	4.296e+05	-1.081e+05	-3850.57
6	38	50.00	-2.795e+04	2062.20	708.78	4.109e+05	-1.073e+05	-3824.49
6	38	80.00	-2.795e+04	2079.93	708.78	3.897e+05	-9.727e+04	-6743.56
6	38	82.00	-2.768e+04	1915.87	764.15	3.305e+05	-9.293e+04	-6324.12
6	38	84.00	-2.750e+04	1877.40	760.39	3.007e+05	-8.894e+04	-6087.95
6	38	86.00	-2.739e+04	1874.90	758.83	2.874e+05	-8.505e+04	-5985.13
6	38	88.00	-2.730e+04	1887.40	760.11	2.809e+05	-8.141e+04	-5851.82
6	38	90.00	-2.721e+04	1908.12	762.43	2.791e+05	-7.850e+04	-5725.19
6	38	92.00	-2.725e+04	1932.97	764.90	2.783e+05	-7.623e+04	-5603.85
6	38	94.00	-2.715e+04	1929.05	773.76	2.846e+05	-7.406e+04	-5460.42
6	38	96.00	-2.706e+04	1923.32	776.17	2.942e+05	-7.207e+04	-5303.09
6	38	98.00	-2.700e+04	1913.51	757.84	3.037e+05	-7.036e+04	-5283.54
6	38	100.00	-2.698e+04	1908.33	726.57	3.059e+05	-6.864e+04	-5417.26
6	38	120.00	-2.698e+04	1950.24	726.57	2.856e+05	-6.197e+04	-5110.16
6	38	123.00	-2.674e+04	1967.44	729.74	2.308e+05	-5.771e+04	-4770.51
6	38	126.00	-2.657e+04	1941.99	726.36	2.013e+05	-5.368e+04	-4527.57
6	38	129.00	-2.646e+04	1919.45	722.16	1.870e+05	-4.983e+04	-4383.35

6	38	132.00	-2.636e+04	1916.64	719.80	1.797e+05	-4.613e+04	-4264.60
6	38	135.00	-2.626e+04	1927.17	719.56	1.771e+05	-4.264e+04	-4114.30
6	38	138.00	-2.616e+04	1938.65	720.13	1.788e+05	-3.935e+04	-3917.05
6	38	141.00	-2.607e+04	1944.60	719.46	1.838e+05	-3.624e+04	-3681.47
6	38	144.00	-2.600e+04	1941.34	715.72	1.898e+05	-3.331e+04	-3455.44
6	38	147.00	-2.592e+04	1929.28	711.08	2.000e+05	-3.045e+04	-3271.47
6	38	150.00	-2.581e+04	1925.57	706.43	2.204e+05	-2.758e+04	-3091.18
6	38	160.00	-2.581e+04	1967.47	706.43	2.051e+05	-2.419e+04	-1814.44
6	38	164.00	-2.559e+04	2102.90	677.35	1.517e+05	-2.005e+04	-1286.17
6	38	168.00	-2.548e+04	2068.26	668.40	1.295e+05	-1.436e+04	-769.40
6	38	172.00	-2.536e+04	2029.05	658.68	1.137e+05	-9172.06	-347.50
6	38	176.00	-2.523e+04	2032.79	653.83	1.022e+05	-2604.31	38.46
6	38	180.00	-2.511e+04	2051.30	652.34	9.704e+04	3537.23	490.42
6	38	184.00	-2.503e+04	2060.26	652.46	9.611e+04	9196.18	1039.04
6	38	188.00	-2.494e+04	2571.38	508.61	9.895e+04	1.437e+04	1663.96
6	38	192.00	-2.489e+04	2583.89	499.81	1.004e+05	1.914e+04	2352.31
6	38	196.00	-2.479e+04	2564.67	506.59	1.110e+05	2.366e+04	3124.79
6	38	200.00	-2.457e+04	2560.90	526.09	1.481e+05	2.808e+04	4015.88
6	38	205.00	-2.443e+04	2467.11	556.33	1.052e+05	3.293e+04	5224.45
6	38	210.00	-2.445e+04	2302.52	539.45	1.014e+05	3.748e+04	6238.62
6	38	215.00	-2.422e+04	2326.73	526.24	6.773e+04	4.019e+04	7130.17
6	38	220.00	-2.402e+04	2411.08	522.37	4.647e+04	4.099e+04	8110.03
6	38	225.00	-2.388e+04	2486.26	519.66	3.536e+04	4.190e+04	9251.97
6	38	230.00	-2.379e+04	2530.62	518.23	2.983e+04	4.299e+04	1.054e+04
6	38	235.00	-2.386e+04	2532.87	519.25	1.786e+04	4.432e+04	1.199e+04
6	38	240.00	-2.384e+04	2587.93	496.87	1.224e+04	4.597e+04	1.361e+04
6	38	245.00	-2.428e+04	1852.23	473.64	1.234e+05	5.037e+04	1.482e+04
6	38	246.00	-2.482e+04	1100.26	483.59	2.444e+05	5.132e+04	1.543e+04
6	38	250.00	-2.380e+04	856.72	590.42	1.941e+05	5.524e+04	1.662e+04
6	38	252.00	-2.369e+04	790.99	634.17	1.732e+05	5.641e+04	1.719e+04
6	38	258.00	-2.332e+04	1274.66	639.41	1.103e+05	5.938e+04	1.919e+04
6	38	264.00	-2.316e+04	1661.93	637.18	7.935e+04	6.215e+04	2.154e+04
6	38	270.00	-2.308e+04	1979.44	629.98	6.040e+04	6.482e+04	2.408e+04
6	38	276.00	-2.305e+04	2255.42	621.45	4.770e+04	6.747e+04	2.684e+04
6	38	280.00	-2.306e+04	2417.86	617.16	4.060e+04	6.927e+04	2.882e+04
6	38	282.00	-2.340e+04	5603.74	498.75	1.206e+05	7.344e+04	2.704e+04
6	38	287.00	-2.158e+04	8449.10	134.76	-2.882e+05	7.663e+04	2.651e+04
6	38	288.00	-2.154e+04	8900.62	97.15	-3.006e+05	7.685e+04	2.681e+04
6	38	294.00	-2.139e+04	9826.52	45.91	-3.477e+05	7.921e+04	2.862e+04
6	38	300.00	-2.048e+04	8957.23	82.99	-1.728e+05	8.363e+04	3.038e+04
6	38	301.00	-2.048e+04	8879.54	73.97	-1.833e+05	8.430e+04	3.051e+04
6	38	308.00	-2.042e+04	8153.65	111.61	-2.723e+05	8.910e+04	3.084e+04
6	38	315.00	-2.020e+04	6876.70	161.01	-3.875e+05	9.420e+04	3.022e+04
6	38	320.00	-1.996e+04	5668.19	201.19	-4.861e+05	9.807e+04	2.923e+04
6	38	322.00	-1.334e+04	9757.03	-301.27	-1.950e+06	8.762e+04	4.881e+04
6	38	324.00	-1.223e+04	1.130e+04	84.14	-2.156e+06	8.742e+04	5.341e+04
6	38	328.00	-1.225e+04	1.110e+04	112.87	-2.043e+06	8.969e+04	5.717e+04
6	38	329.00	-1.229e+04	1.085e+04	133.52	-2.005e+06	9.009e+04	5.787e+04
6	38	332.00	-1.263e+04	1.021e+04	98.26	-1.872e+06	9.090e+04	6.016e+04
6	38	336.00	-1.257e+04	9479.65	16.81	-1.749e+06	9.158e+04	6.406e+04
6	38	340.00	-1.272e+04	9086.86	-234.89	-1.664e+06	9.355e+04	6.722e+04
6	38	343.00	-1.273e+04	7760.23	-398.53	-1.599e+06	9.530e+04	6.942e+04
6	38	344.00	-1.349e+04	8459.43	-379.65	-1.680e+06	9.736e+04	7.386e+04
6	38	348.00	-1.432e+04	4897.93	-346.21	-1.688e+06	8.312e+04	6.029e+04
6	38	350.00	-1.340e+04	-739.05	-340.30	-1.498e+06	6.265e+04	3.455e+04
6	38	352.00	-1.344e+04	-925.40	-344.09	-1.457e+06	6.597e+04	4.043e+04
6	38	356.00	-1.350e+04	-1170.90	-352.37	-1.363e+06	7.214e+04	5.129e+04
6	38	360.00	-1.353e+04	-1341.36	-379.18	-1.253e+06	7.757e+04	6.033e+04
6	38	364.00	-1.349e+04	-1382.46	-416.87	-1.137e+06	8.215e+04	6.819e+04
6	38	368.00	-1.345e+04	-1349.55	-467.90	-1.007e+06	8.553e+04	7.394e+04
6	38	372.00	-1.336e+04	-1135.38	-527.22	-8.727e+05	8.761e+04	7.880e+04
6	38	376.00	-1.331e+04	-817.14	-600.07	-7.258e+05	8.800e+04	8.105e+04
6	38	380.00	-1.325e+04	-197.56	-665.16	-5.754e+05	8.662e+04	8.290e+04
6	38	384.00	-1.329e+04	559.14	-744.79	-4.154e+05	8.306e+04	8.088e+04
6	38	388.00	-1.340e+04	1836.79	-690.08	-2.525e+05	7.744e+04	7.930e+04
6	38	392.00	-1.280e+04	2614.41	-650.39	-1.105e+05	6.844e+04	6.970e+04
6	38	396.00	-1.010e+04	1037.48	128.21	-1.677e+04	4.875e+04	5.940e+04
6	50	0.0	-2.953e+04	5033.09	375.50	1.265e+06	-5.425e+04	-639.92
6	50	40.00	-2.953e+04	5013.38	375.50	1.243e+06	-4.059e+04	-1.307e+04
6	50	41.00	-2.901e+04	4824.46	385.92	1.133e+06	-3.996e+04	-1.301e+04
6	50	42.00	-2.889e+04	4833.90	383.26	1.112e+06	-3.936e+04	-1.317e+04
6	50	43.00	-2.876e+04	4883.05	387.30	1.098e+06	-3.887e+04	-1.325e+04
6	50	44.00	-2.865e+04	4939.70	392.22	1.090e+06	-3.845e+04	-1.337e+04
6	50	45.00	-2.856e+04	5001.05	398.26	1.088e+06	-3.805e+04	-1.353e+04
6	50	46.00	-2.846e+04	5201.37	367.54	1.090e+06	-3.765e+04	-1.372e+04
6	50	47.00	-2.838e+04	5257.82	377.04	1.096e+06	-3.724e+04	-1.393e+04
6	50	48.00	-2.830e+04	5309.58	383.76	1.105e+06	-3.681e+04	-1.412e+04

6	50	49.00	-2.824e+04	5328.53	373.53	1.114e+06	-3.647e+04	-1.416e+04
6	50	50.00	-2.855e+04	5070.15	301.26	1.046e+06	-3.657e+04	-1.383e+04
6	50	80.00	-2.855e+04	5087.88	301.26	1.025e+06	-2.645e+04	-1.876e+04
6	50	82.00	-2.814e+04	4988.86	319.73	9.358e+05	-2.759e+04	-1.886e+04
6	50	84.00	-2.790e+04	4927.91	320.82	8.948e+05	-2.862e+04	-1.902e+04
6	50	86.00	-2.776e+04	4935.71	322.49	8.779e+05	-2.954e+04	-1.924e+04
6	50	88.00	-2.764e+04	4971.57	324.90	8.696e+05	-3.038e+04	-1.943e+04
6	50	90.00	-2.754e+04	5021.25	327.86	8.674e+05	-3.113e+04	-1.961e+04
6	50	92.00	-2.748e+04	5073.86	330.87	8.688e+05	-3.177e+04	-1.978e+04
6	50	94.00	-2.741e+04	5108.22	335.27	8.738e+05	-3.232e+04	-1.990e+04
6	50	96.00	-2.735e+04	5114.45	335.63	8.789e+05	-3.282e+04	-1.997e+04
6	50	98.00	-2.740e+04	5056.55	323.39	8.704e+05	-3.335e+04	-2.007e+04
6	50	100.00	-2.759e+04	5009.68	299.32	8.272e+05	-3.393e+04	-2.020e+04
6	50	120.00	-2.759e+04	5051.59	299.32	8.069e+05	-2.716e+04	-2.090e+04
6	50	123.00	-2.723e+04	5041.19	301.80	7.270e+05	-2.479e+04	-2.091e+04
6	50	126.00	-2.698e+04	5001.11	301.49	6.837e+05	-2.252e+04	-2.095e+04
6	50	129.00	-2.681e+04	4977.90	301.02	6.626e+05	-2.032e+04	-2.102e+04
6	50	132.00	-2.667e+04	4990.05	301.07	6.526e+05	-1.819e+04	-2.109e+04
6	50	135.00	-2.656e+04	5023.50	301.59	6.495e+05	-1.614e+04	-2.114e+04
6	50	138.00	-2.645e+04	5057.81	302.17	6.514e+05	-1.418e+04	-2.113e+04
6	50	141.00	-2.639e+04	5074.84	302.22	6.543e+05	-1.233e+04	-2.108e+04
6	50	144.00	-2.639e+04	5058.51	301.07	6.530e+05	-1.060e+04	-2.098e+04
6	50	147.00	-2.644e+04	5019.19	299.86	6.412e+05	-8939.85	-2.086e+04
6	50	150.00	-2.654e+04	5002.58	298.20	6.142e+05	-7327.34	-2.070e+04
6	50	160.00	-2.655e+04	5044.48	298.20	5.989e+05	-3862.19	-1.981e+04
6	50	164.00	-2.622e+04	5092.82	290.95	5.233e+05	-1953.43	-1.946e+04
6	50	168.00	-2.602e+04	5047.96	287.74	4.854e+05	447.72	-1.909e+04
6	50	172.00	-2.582e+04	5006.17	284.46	4.603e+05	2724.64	-1.876e+04
6	50	176.00	-2.564e+04	5020.12	282.55	4.457e+05	5442.31	-1.844e+04
6	50	180.00	-2.551e+04	5057.24	281.23	4.402e+05	8059.53	-1.806e+04
6	50	184.00	-2.550e+04	5087.17	279.86	4.378e+05	1.055e+04	-1.761e+04
6	50	188.00	-2.546e+04	5248.99	235.55	4.373e+05	1.291e+04	-1.707e+04
6	50	192.00	-2.547e+04	5236.41	233.98	4.307e+05	1.515e+04	-1.645e+04
6	50	196.00	-2.551e+04	5199.31	242.67	4.181e+05	1.731e+04	-1.571e+04
6	50	200.00	-2.553e+04	5192.82	262.18	4.046e+05	1.949e+04	-1.484e+04
6	50	205.00	-2.530e+04	5183.99	275.74	3.420e+05	2.161e+04	-1.359e+04
6	50	210.00	-2.520e+04	5003.63	268.41	3.190e+05	2.376e+04	-1.240e+04
6	50	215.00	-2.488e+04	5024.30	263.37	2.755e+05	2.544e+04	-1.130e+04
6	50	220.00	-2.466e+04	5117.34	261.23	2.522e+05	2.662e+04	-1.013e+04
6	50	225.00	-2.452e+04	5206.13	257.74	2.411e+05	2.789e+04	-8866.46
6	50	230.00	-2.445e+04	5266.66	253.43	2.351e+05	2.924e+04	-7491.61
6	50	235.00	-2.447e+04	5290.51	249.53	2.265e+05	3.067e+04	-5979.96
6	50	240.00	-2.451e+04	5302.11	241.99	2.143e+05	3.221e+04	-4297.92
6	50	245.00	-2.500e+04	4665.77	263.88	2.894e+05	3.369e+04	-2173.53
6	50	246.00	-2.558e+04	3937.88	277.45	3.981e+05	3.399e+04	-1390.31
6	50	250.00	-2.465e+04	3934.95	330.36	2.880e+05	3.576e+04	489.63
6	50	252.00	-2.450e+04	3982.93	339.34	2.599e+05	3.647e+04	1350.61
6	50	258.00	-2.409e+04	4467.01	345.44	1.922e+05	3.868e+04	4064.42
6	50	264.00	-2.392e+04	4857.34	343.72	1.609e+05	4.097e+04	6923.92
6	50	270.00	-2.386e+04	5172.54	336.18	1.425e+05	4.325e+04	9836.24
6	50	276.00	-2.387e+04	5439.50	326.08	1.289e+05	4.550e+04	1.288e+04
6	50	280.00	-2.393e+04	5595.48	318.89	1.190e+05	4.696e+04	1.501e+04
6	50	282.00	-2.419e+04	8887.77	227.77	1.750e+05	5.168e+04	1.410e+04
6	50	287.00	-2.213e+04	1.181e+04	-14.33	-2.847e+05	5.681e+04	1.573e+04
6	50	288.00	-2.207e+04	1.223e+04	-25.19	-3.008e+05	5.692e+04	1.635e+04
6	50	294.00	-2.186e+04	1.317e+04	-0.52	-3.783e+05	5.810e+04	1.992e+04
6	50	300.00	-2.109e+04	1.243e+04	103.71	-2.745e+05	6.076e+04	2.320e+04
6	50	301.00	-2.108e+04	1.236e+04	106.04	-2.883e+05	6.130e+04	2.359e+04
6	50	308.00	-2.093e+04	1.166e+04	149.55	-3.980e+05	6.622e+04	2.395e+04
6	50	315.00	-2.064e+04	1.039e+04	208.38	-5.333e+05	7.215e+04	2.362e+04
6	50	320.00	-2.036e+04	9175.46	257.48	-6.468e+05	7.640e+04	2.290e+04
6	50	322.00	-1.400e+04	1.305e+04	-270.49	-2.051e+06	6.758e+04	3.936e+04
6	50	324.00	-1.314e+04	1.437e+04	89.83	-2.198e+06	6.892e+04	4.084e+04
6	50	328.00	-1.315e+04	1.384e+04	124.83	-2.087e+06	7.379e+04	4.286e+04
6	50	329.00	-1.318e+04	1.351e+04	143.47	-2.049e+06	7.433e+04	4.372e+04
6	50	332.00	-1.352e+04	1.261e+04	100.54	-1.920e+06	7.540e+04	4.651e+04
6	50	336.00	-1.346e+04	1.155e+04	18.36	-1.800e+06	7.711e+04	4.895e+04
6	50	340.00	-1.358e+04	1.074e+04	-220.15	-1.716e+06	8.034e+04	5.182e+04
6	50	343.00	-1.357e+04	9195.55	-398.31	-1.651e+06	8.317e+04	5.391e+04
6	50	344.00	-1.439e+04	9837.17	-392.06	-1.740e+06	8.530e+04	5.843e+04
6	50	348.00	-1.547e+04	6048.66	-374.05	-1.782e+06	7.139e+04	4.641e+04
6	50	350.00	-1.467e+04	292.08	-374.60	-1.611e+06	5.086e+04	2.078e+04
6	50	352.00	-1.467e+04	39.18	-382.19	-1.564e+06	5.451e+04	2.671e+04
6	50	356.00	-1.466e+04	-332.08	-394.15	-1.458e+06	6.111e+04	3.879e+04
6	50	360.00	-1.462e+04	-634.88	-429.25	-1.339e+06	6.702e+04	4.817e+04
6	50	364.00	-1.452e+04	-790.98	-464.10	-1.211e+06	7.212e+04	5.730e+04
6	50	368.00	-1.442e+04	-873.97	-523.95	-1.071e+06	7.609e+04	6.360e+04

6	50	372.00	-1.428e+04	-751.70	-573.89	-9.248e+05	7.885e+04	6.979e+04
6	50	376.00	-1.419e+04	-518.97	-655.35	-7.674e+05	8.000e+04	7.278e+04
6	50	380.00	-1.410e+04	40.82	-703.14	-6.060e+05	7.952e+04	7.606e+04
6	50	384.00	-1.410e+04	753.64	-788.98	-4.361e+05	7.698e+04	7.497e+04
6	50	388.00	-1.418e+04	1998.48	-704.32	-2.636e+05	7.259e+04	7.496e+04
6	50	392.00	-1.350e+04	2766.80	-665.92	-1.144e+05	6.490e+04	6.665e+04
6	50	396.00	-1.060e+04	1058.92	118.01	-1.677e+04	4.675e+04	5.761e+04
6	54	0.0	-2.946e+04	5386.87	292.96	1.260e+06	-4.943e+04	-919.06
6	54	40.00	-2.946e+04	5367.15	292.96	1.239e+06	-3.579e+04	-1.379e+04
6	54	41.00	-2.894e+04	5179.36	300.46	1.129e+06	-3.535e+04	-1.382e+04
6	54	42.00	-2.882e+04	5191.31	298.58	1.109e+06	-3.492e+04	-1.402e+04
6	54	43.00	-2.870e+04	5240.51	302.73	1.094e+06	-3.455e+04	-1.416e+04
6	54	44.00	-2.859e+04	5297.29	307.70	1.086e+06	-3.422e+04	-1.433e+04
6	54	45.00	-2.849e+04	5358.73	313.81	1.084e+06	-3.390e+04	-1.453e+04
6	54	46.00	-2.839e+04	5423.77	320.54	1.087e+06	-3.356e+04	-1.475e+04
6	54	47.00	-2.831e+04	5490.30	327.04	1.092e+06	-3.321e+04	-1.500e+04
6	54	48.00	-2.824e+04	5551.56	330.35	1.101e+06	-3.284e+04	-1.522e+04
6	54	49.00	-2.818e+04	5572.57	316.81	1.110e+06	-3.254e+04	-1.529e+04
6	54	50.00	-2.849e+04	5373.22	233.67	1.043e+06	-3.261e+04	-1.498e+04
6	54	80.00	-2.849e+04	5390.95	233.67	1.021e+06	-2.248e+04	-2.013e+04
6	54	82.00	-2.808e+04	5334.16	239.06	9.330e+05	-2.377e+04	-2.028e+04
6	54	84.00	-2.784e+04	5275.85	239.47	8.923e+05	-2.493e+04	-2.050e+04
6	54	86.00	-2.770e+04	5284.79	240.98	8.753e+05	-2.597e+04	-2.075e+04
6	54	88.00	-2.758e+04	5320.96	243.33	8.669e+05	-2.691e+04	-2.099e+04
6	54	90.00	-2.747e+04	5370.69	246.10	8.646e+05	-2.775e+04	-2.121e+04
6	54	92.00	-2.737e+04	5422.96	248.83	8.670e+05	-2.847e+04	-2.140e+04
6	54	94.00	-2.730e+04	5464.53	250.48	8.719e+05	-2.909e+04	-2.155e+04
6	54	96.00	-2.725e+04	5474.33	248.45	8.769e+05	-2.964e+04	-2.165e+04
6	54	98.00	-2.729e+04	5410.33	237.55	8.678e+05	-3.022e+04	-2.178e+04
6	54	100.00	-2.750e+04	5329.06	224.56	8.227e+05	-3.084e+04	-2.191e+04
6	54	120.00	-2.750e+04	5370.97	224.56	8.024e+05	-2.406e+04	-2.272e+04
6	54	123.00	-2.714e+04	5354.83	227.78	7.229e+05	-2.181e+04	-2.278e+04
6	54	126.00	-2.689e+04	5316.43	227.24	6.798e+05	-1.965e+04	-2.285e+04
6	54	129.00	-2.672e+04	5293.63	226.93	6.585e+05	-1.756e+04	-2.296e+04
6	54	132.00	-2.658e+04	5305.88	226.64	6.482e+05	-1.552e+04	-2.306e+04
6	54	135.00	-2.646e+04	5340.21	226.44	6.451e+05	-1.356e+04	-2.313e+04
6	54	138.00	-2.635e+04	5376.03	226.13	6.471e+05	-1.169e+04	-2.315e+04
6	54	141.00	-2.629e+04	5393.44	225.42	6.498e+05	-9912.02	-2.312e+04
6	54	144.00	-2.629e+04	5375.11	223.99	6.484e+05	-8250.32	-2.304e+04
6	54	147.00	-2.634e+04	5266.32	240.99	6.354e+05	-6671.65	-2.293e+04
6	54	150.00	-2.647e+04	5250.51	239.19	6.044e+05	-5142.08	-2.278e+04
6	54	160.00	-2.647e+04	5292.41	239.19	5.891e+05	-1668.99	-2.194e+04
6	54	164.00	-2.615e+04	5306.63	240.97	5.136e+05	524.58	-2.163e+04
6	54	168.00	-2.594e+04	5260.92	238.68	4.756e+05	2594.87	-2.130e+04
6	54	172.00	-2.574e+04	5216.94	236.25	4.501e+05	4973.21	-2.099e+04
6	54	176.00	-2.556e+04	5230.47	233.62	4.353e+05	7289.44	-2.069e+04
6	54	180.00	-2.543e+04	5270.32	230.82	4.298e+05	9560.78	-2.034e+04
6	54	184.00	-2.544e+04	5305.44	227.74	4.270e+05	1.177e+04	-1.991e+04
6	54	188.00	-2.540e+04	5316.36	225.27	4.259e+05	1.391e+04	-1.940e+04
6	54	192.00	-2.542e+04	5295.92	225.60	4.192e+05	1.599e+04	-1.879e+04
6	54	196.00	-2.546e+04	5258.59	232.84	4.051e+05	1.805e+04	-1.807e+04
6	54	200.00	-2.551e+04	5252.83	250.42	3.862e+05	2.015e+04	-1.721e+04
6	54	205.00	-2.528e+04	5281.77	254.80	3.240e+05	2.211e+04	-1.600e+04
6	54	210.00	-2.518e+04	5092.73	250.04	3.001e+05	2.383e+04	-1.484e+04
6	54	215.00	-2.486e+04	5106.40	245.08	2.562e+05	2.520e+04	-1.375e+04
6	54	220.00	-2.463e+04	5199.80	241.04	2.330e+05	2.660e+04	-1.261e+04
6	54	225.00	-2.450e+04	5293.98	235.41	2.220e+05	2.804e+04	-1.138e+04
6	54	230.00	-2.443e+04	5363.38	228.56	2.160e+05	2.951e+04	-1.003e+04
6	54	235.00	-2.443e+04	5398.86	221.97	2.087e+05	3.102e+04	-8548.94
6	54	240.00	-2.447e+04	5392.11	220.60	1.965e+05	3.259e+04	-6886.71
6	54	245.00	-2.496e+04	4789.52	256.40	2.702e+05	3.404e+04	-4769.07
6	54	246.00	-2.555e+04	4068.58	269.72	3.778e+05	3.433e+04	-3985.62
6	54	250.00	-2.464e+04	4158.16	292.33	2.623e+05	3.609e+04	-2105.08
6	54	252.00	-2.449e+04	4251.26	284.87	2.339e+05	3.681e+04	-1247.25
6	54	258.00	-2.408e+04	4730.49	286.65	1.668e+05	3.907e+04	1440.83
6	54	264.00	-2.392e+04	5124.78	282.54	1.360e+05	4.141e+04	4255.52
6	54	270.00	-2.386e+04	5446.38	272.51	1.176e+05	4.371e+04	7118.05
6	54	276.00	-2.388e+04	5719.86	259.85	1.040e+05	4.593e+04	1.011e+04
6	54	280.00	-2.394e+04	5880.70	250.44	9.403e+04	4.735e+04	1.221e+04
6	54	282.00	-2.419e+04	9180.74	165.22	1.482e+05	5.204e+04	1.121e+04
6	54	287.00	-2.210e+04	1.204e+04	-37.76	-3.135e+05	5.710e+04	1.282e+04
6	54	288.00	-2.203e+04	1.244e+04	-38.10	-3.290e+05	5.719e+04	1.342e+04
6	54	294.00	-2.182e+04	1.337e+04	10.95	-4.045e+05	5.820e+04	1.703e+04
6	54	300.00	-2.108e+04	1.266e+04	132.05	-3.062e+05	6.060e+04	2.047e+04
6	54	301.00	-2.107e+04	1.260e+04	138.23	-3.201e+05	6.113e+04	2.087e+04
6	54	308.00	-2.092e+04	1.192e+04	176.14	-4.305e+05	6.601e+04	2.133e+04
6	54	315.00	-2.063e+04	1.066e+04	230.39	-5.667e+05	7.188e+04	2.107e+04

6	54	320.00	-2.036e+04	9440.02	277.05	-6.811e+05	7.608e+04	2.037e+04
6	54	322.00	-1.402e+04	1.328e+04	-254.41	-2.080e+06	6.729e+04	3.683e+04
6	54	324.00	-1.319e+04	1.456e+04	102.61	-2.222e+06	6.866e+04	3.830e+04
6	54	328.00	-1.321e+04	1.399e+04	133.18	-2.106e+06	7.344e+04	4.041e+04
6	54	329.00	-1.325e+04	1.365e+04	151.53	-2.069e+06	7.395e+04	4.127e+04
6	54	332.00	-1.360e+04	1.271e+04	107.31	-1.939e+06	7.489e+04	4.407e+04
6	54	336.00	-1.355e+04	1.158e+04	21.95	-1.818e+06	7.643e+04	4.645e+04
6	54	340.00	-1.366e+04	1.069e+04	-218.33	-1.732e+06	7.947e+04	4.962e+04
6	54	343.00	-1.365e+04	9134.20	-409.43	-1.666e+06	8.216e+04	5.191e+04
6	54	344.00	-1.447e+04	9771.93	-410.74	-1.754e+06	8.423e+04	5.648e+04
6	54	348.00	-1.555e+04	5969.93	-406.95	-1.796e+06	7.007e+04	4.463e+04
6	54	350.00	-1.474e+04	205.53	-414.25	-1.624e+06	4.939e+04	1.905e+04
6	54	352.00	-1.475e+04	-45.25	-421.75	-1.576e+06	5.304e+04	2.504e+04
6	54	356.00	-1.473e+04	-412.60	-432.62	-1.470e+06	5.966e+04	3.724e+04
6	54	360.00	-1.469e+04	-711.61	-467.45	-1.348e+06	6.559e+04	4.675e+04
6	54	364.00	-1.459e+04	-863.44	-499.83	-1.220e+06	7.073e+04	5.601e+04
6	54	368.00	-1.450e+04	-940.75	-559.49	-1.078e+06	7.476e+04	6.244e+04
6	54	372.00	-1.436e+04	-812.19	-605.95	-9.308e+05	7.758e+04	6.879e+04
6	54	376.00	-1.427e+04	-570.20	-687.06	-7.721e+05	7.882e+04	7.192e+04
6	54	380.00	-1.417e+04	-1.22	-730.44	-6.095e+05	7.846e+04	7.534e+04
6	54	384.00	-1.418e+04	725.61	-815.21	-4.385e+05	7.605e+04	7.441e+04
6	54	388.00	-1.426e+04	1980.79	-725.10	-2.649e+05	7.184e+04	7.455e+04
6	54	392.00	-1.357e+04	2765.59	-684.06	-1.148e+05	6.435e+04	6.642e+04
6	54	396.00	-1.066e+04	1050.90	102.47	-1.677e+04	4.645e+04	5.742e+04
6	65	0.0	-2.849e+04	-526.54	844.86	-3.193e+05	-1.460e+05	1026.13
6	65	40.00	-2.849e+04	-546.26	844.86	-3.411e+05	-1.319e+05	-8693.32
6	65	41.00	-2.837e+04	-535.20	874.88	-3.670e+05	-1.281e+05	-7868.39
6	65	42.00	-2.827e+04	-548.80	848.71	-3.830e+05	-1.241e+05	-7758.83
6	65	43.00	-2.818e+04	-551.77	854.44	-3.940e+05	-1.206e+05	-7508.44
6	65	44.00	-2.810e+04	-558.20	859.12	-4.000e+05	-1.175e+05	-7311.96
6	65	45.00	-2.801e+04	-563.82	865.38	-4.019e+05	-1.147e+05	-7202.35
6	65	46.00	-2.790e+04	-153.31	758.01	-3.990e+05	-1.121e+05	-7165.61
6	65	47.00	-2.779e+04	-181.87	773.51	-3.915e+05	-1.096e+05	-7177.44
6	65	48.00	-2.767e+04	-202.82	786.07	-3.778e+05	-1.071e+05	-7159.04
6	65	49.00	-2.754e+04	-195.79	772.65	-3.566e+05	-1.049e+05	-6982.85
6	65	50.00	-2.739e+04	-385.33	726.94	-3.262e+05	-1.040e+05	-7090.19
6	65	80.00	-2.739e+04	-367.60	726.94	-3.474e+05	-9.390e+04	-1.056e+04
6	65	82.00	-2.728e+04	-487.20	776.71	-3.721e+05	-8.931e+04	-1.027e+04
6	65	84.00	-2.718e+04	-494.28	772.64	-3.891e+05	-8.508e+04	-1.014e+04
6	65	86.00	-2.710e+04	-505.33	770.80	-3.990e+05	-8.097e+04	-1.011e+04
6	65	88.00	-2.702e+04	-517.57	771.84	-4.046e+05	-7.712e+04	-1.005e+04
6	65	90.00	-2.694e+04	-527.38	773.86	-4.064e+05	-7.352e+04	-9999.44
6	65	92.00	-2.695e+04	-532.08	776.00	-4.067e+05	-7.013e+04	-9944.00
6	65	94.00	-2.684e+04	-555.74	783.88	-3.989e+05	-6.693e+04	-9861.38
6	65	96.00	-2.671e+04	-564.52	785.42	-3.848e+05	-6.397e+04	-9755.86
6	65	98.00	-2.655e+04	-543.44	767.49	-3.601e+05	-6.133e+04	-9757.91
6	65	100.00	-2.637e+04	-523.81	737.55	-3.225e+05	-5.869e+04	-9879.79
6	65	120.00	-2.637e+04	-481.90	737.55	-3.428e+05	-5.199e+04	-9793.31
6	65	123.00	-2.626e+04	-452.55	739.25	-3.688e+05	-4.828e+04	-9520.78
6	65	126.00	-2.619e+04	-459.19	735.74	-3.829e+05	-4.476e+04	-9330.09
6	65	129.00	-2.613e+04	-480.99	731.34	-3.911e+05	-4.138e+04	-9217.77
6	65	132.00	-2.605e+04	-499.87	728.54	-3.969e+05	-3.814e+04	-9119.21
6	65	135.00	-2.596e+04	-511.03	727.62	-3.994e+05	-3.506e+04	-8984.78
6	65	138.00	-2.585e+04	-518.34	727.32	-3.976e+05	-3.215e+04	-8800.17
6	65	141.00	-2.573e+04	-521.23	725.82	-3.902e+05	-2.938e+04	-8572.36
6	65	144.00	-2.560e+04	-516.51	721.62	-3.767e+05	-2.675e+04	-8342.52
6	65	147.00	-2.541e+04	-508.84	716.66	-3.500e+05	-2.416e+04	-8140.53
6	65	150.00	-2.516e+04	-500.84	712.40	-3.014e+05	-2.155e+04	-7934.43
6	65	160.00	-2.517e+04	-458.94	712.40	-3.166e+05	-1.814e+04	-6724.40
6	65	164.00	-2.507e+04	-326.22	684.25	-3.445e+05	-1.414e+04	-6216.46
6	65	168.00	-2.506e+04	-353.71	675.54	-3.504e+05	-8714.78	-5721.77
6	65	172.00	-2.500e+04	-396.38	665.82	-3.586e+05	-3768.07	-5301.04
6	65	176.00	-2.490e+04	-404.06	660.25	-3.678e+05	2431.74	-4900.09
6	65	180.00	-2.479e+04	-397.54	657.42	-3.729e+05	8222.83	-4431.71
6	65	184.00	-2.465e+04	-395.61	655.94	-3.725e+05	1.356e+04	-3869.50
6	65	188.00	-2.452e+04	73.12	522.69	-3.665e+05	1.843e+04	-3229.99
6	65	192.00	-2.439e+04	92.90	513.45	-3.561e+05	2.294e+04	-2524.06
6	65	196.00	-2.419e+04	87.53	519.29	-3.289e+05	2.721e+04	-1734.34
6	65	200.00	-2.387e+04	92.69	537.88	-2.688e+05	3.139e+04	-831.10
6	65	205.00	-2.383e+04	9.96	562.96	-2.883e+05	3.633e+04	336.25
6	65	210.00	-2.395e+04	-162.56	546.86	-2.749e+05	4.094e+04	1330.98
6	65	215.00	-2.379e+04	-150.45	533.67	-3.001e+05	4.379e+04	2224.01
6	65	220.00	-2.363e+04	-72.33	528.27	-3.190e+05	4.485e+04	3200.27
6	65	225.00	-2.350e+04	2.56	523.51	-3.300e+05	4.594e+04	4325.84
6	65	230.00	-2.339e+04	51.90	519.71	-3.351e+05	4.717e+04	5593.64
6	65	235.00	-2.340e+04	63.71	518.28	-3.431e+05	4.859e+04	7014.96
6	65	240.00	-2.330e+04	121.90	495.78	-3.390e+05	5.028e+04	8603.98

6	65	245.00	-2.371e+04	-634.56	472.64	-1.941e+05	5.448e+04	9722.69
6	65	246.00	-2.425e+04	-1390.49	481.96	-6.662e+04	5.528e+04	1.031e+04
6	65	250.00	-2.324e+04	-1620.30	581.78	-8.833e+04	5.873e+04	1.141e+04
6	65	252.00	-2.317e+04	-1682.53	621.71	-1.033e+05	5.988e+04	1.194e+04
6	65	258.00	-2.287e+04	-1207.41	624.17	-1.586e+05	6.295e+04	1.380e+04
6	65	264.00	-2.273e+04	-810.95	619.06	-1.874e+05	6.576e+04	1.601e+04
6	65	270.00	-2.266e+04	-476.80	609.02	-2.063e+05	6.842e+04	1.840e+04
6	65	276.00	-2.261e+04	-183.00	597.59	-2.185e+05	7.104e+04	2.101e+04
6	65	280.00	-2.258e+04	-10.56	590.97	-2.230e+05	7.279e+04	2.289e+04
6	65	282.00	-2.296e+04	3172.91	477.46	-1.260e+05	7.593e+04	2.105e+04
6	65	287.00	-2.125e+04	5982.26	132.80	-4.927e+05	7.727e+04	2.044e+04
6	65	288.00	-2.121e+04	6428.78	97.15	-4.991e+05	7.744e+04	2.078e+04
6	65	294.00	-2.107e+04	7331.65	46.98	-5.052e+05	7.915e+04	2.277e+04
6	65	300.00	-2.019e+04	6482.08	83.77	-3.013e+05	8.255e+04	2.487e+04
6	65	301.00	-2.021e+04	6409.35	75.22	-3.095e+05	8.307e+04	2.503e+04
6	65	308.00	-2.023e+04	5728.25	107.04	-3.853e+05	8.666e+04	2.602e+04
6	65	315.00	-2.006e+04	4497.57	151.02	-4.895e+05	9.054e+04	2.590e+04
6	65	320.00	-1.985e+04	3318.65	187.56	-5.803e+05	9.365e+04	2.519e+04
6	65	322.00	-1.313e+04	7438.37	-316.34	-2.068e+06	8.396e+04	4.466e+04
6	65	324.00	-1.191e+04	9004.33	67.64	-2.298e+06	8.453e+04	4.915e+04
6	65	328.00	-1.201e+04	8889.52	91.07	-2.164e+06	8.735e+04	5.310e+04
6	65	329.00	-1.206e+04	8670.48	112.11	-2.123e+06	8.787e+04	5.380e+04
6	65	332.00	-1.243e+04	8108.98	77.59	-1.980e+06	8.899e+04	5.610e+04
6	65	336.00	-1.238e+04	7486.48	-8.59	-1.844e+06	8.978e+04	6.053e+04
6	65	340.00	-1.252e+04	7199.16	-260.04	-1.743e+06	9.097e+04	6.424e+04
6	65	343.00	-1.252e+04	5969.43	-428.87	-1.666e+06	9.230e+04	6.691e+04
6	65	344.00	-1.324e+04	6701.14	-412.19	-1.739e+06	9.432e+04	7.148e+04
6	65	348.00	-1.394e+04	3273.32	-381.03	-1.714e+06	7.974e+04	5.786e+04
6	65	350.00	-1.294e+04	-2292.55	-376.79	-1.509e+06	5.883e+04	3.214e+04
6	65	352.00	-1.301e+04	-2395.48	-380.05	-1.466e+06	6.225e+04	3.816e+04
6	65	356.00	-1.312e+04	-2480.80	-385.82	-1.369e+06	6.876e+04	4.902e+04
6	65	360.00	-1.321e+04	-2481.89	-411.10	-1.258e+06	7.451e+04	5.833e+04
6	65	364.00	-1.322e+04	-2368.35	-445.76	-1.140e+06	7.936e+04	6.626e+04
6	65	368.00	-1.323e+04	-2171.79	-494.93	-1.008e+06	8.301e+04	7.228e+04
6	65	372.00	-1.317e+04	-1816.09	-550.87	-8.731e+05	8.534e+04	7.726e+04
6	65	376.00	-1.317e+04	-1347.78	-621.42	-7.252e+05	8.597e+04	7.981e+04
6	65	380.00	-1.313e+04	-607.35	-682.70	-5.747e+05	8.485e+04	8.181e+04
6	65	384.00	-1.321e+04	278.49	-759.60	-4.145e+05	8.157e+04	8.013e+04
6	65	388.00	-1.333e+04	1647.64	-702.73	-2.519e+05	7.626e+04	7.873e+04
6	65	392.00	-1.275e+04	2524.97	-657.54	-1.102e+05	6.763e+04	6.946e+04
6	65	396.00	-1.006e+04	990.80	122.53	-1.677e+04	4.836e+04	5.896e+04
6	70	0.0	-2.897e+04	1780.76	787.01	4.479e+05	-1.364e+05	1449.64
6	70	40.00	-2.897e+04	1761.05	787.01	4.262e+05	-1.223e+05	-7572.13
6	70	41.00	-2.865e+04	1678.71	816.85	3.590e+05	-1.185e+05	-6708.99
6	70	42.00	-2.854e+04	1671.73	792.77	3.408e+05	-1.152e+05	-6549.46
6	70	43.00	-2.843e+04	1693.81	798.44	3.282e+05	-1.132e+05	-6234.53
6	70	44.00	-2.834e+04	1717.17	803.24	3.216e+05	-1.116e+05	-5973.97
6	70	45.00	-2.826e+04	1743.01	809.56	3.197e+05	-1.097e+05	-5803.18
6	70	46.00	-2.814e+04	2185.02	702.23	3.224e+05	-1.074e+05	-5707.45
6	70	47.00	-2.805e+04	2186.40	717.75	3.291e+05	-1.052e+05	-5662.35
6	70	48.00	-2.795e+04	2190.26	730.38	3.405e+05	-1.031e+05	-5586.43
6	70	49.00	-2.785e+04	2200.19	718.33	3.569e+05	-1.012e+05	-5353.50
6	70	50.00	-2.791e+04	1921.56	670.82	3.421e+05	-1.005e+05	-5340.22
6	70	80.00	-2.791e+04	1939.29	670.82	3.209e+05	-9.045e+04	-8544.60
6	70	82.00	-2.765e+04	1789.65	721.64	2.649e+05	-8.642e+04	-8195.76
6	70	84.00	-2.749e+04	1754.56	718.31	2.363e+05	-8.270e+04	-8014.35
6	70	86.00	-2.738e+04	1751.53	717.02	2.233e+05	-7.908e+04	-7954.38
6	70	88.00	-2.729e+04	1761.90	718.38	2.168e+05	-7.569e+04	-7865.28
6	70	90.00	-2.720e+04	1780.01	720.72	2.149e+05	-7.296e+04	-7780.29
6	70	92.00	-2.722e+04	1802.33	723.19	2.144e+05	-7.082e+04	-7697.03
6	70	94.00	-2.712e+04	1798.68	731.44	2.209e+05	-6.877e+04	-7588.97
6	70	96.00	-2.703e+04	1793.60	733.51	2.309e+05	-6.689e+04	-7462.39
6	70	98.00	-2.696e+04	1784.57	715.87	2.413e+05	-6.526e+04	-7458.21
6	70	100.00	-2.693e+04	1779.71	685.54	2.453e+05	-6.363e+04	-7588.95
6	70	120.00	-2.693e+04	1821.62	685.54	2.250e+05	-5.695e+04	-7414.02
6	70	123.00	-2.670e+04	1838.28	688.46	1.729e+05	-5.296e+04	-7118.61
6	70	126.00	-2.655e+04	1814.73	685.36	1.448e+05	-4.919e+04	-6910.57
6	70	129.00	-2.644e+04	1792.23	681.51	1.310e+05	-4.557e+04	-6791.55
6	70	132.00	-2.634e+04	1788.01	679.31	1.236e+05	-4.209e+04	-6693.78
6	70	135.00	-2.624e+04	1796.93	679.05	1.210e+05	-3.881e+04	-6563.80
6	70	138.00	-2.614e+04	1807.32	679.48	1.228e+05	-3.570e+04	-6386.26
6	70	141.00	-2.605e+04	1812.82	678.75	1.280e+05	-3.277e+04	-6168.13
6	70	144.00	-2.597e+04	1809.72	675.20	1.346e+05	-3.000e+04	-5953.11
6	70	147.00	-2.588e+04	1798.51	670.87	1.456e+05	-2.729e+04	-5771.62
6	70	150.00	-2.577e+04	1795.63	666.61	1.664e+05	-2.458e+04	-5588.49
6	70	160.00	-2.577e+04	1837.53	666.61	1.511e+05	-2.118e+04	-4358.92
6	70	164.00	-2.556e+04	1963.85	639.89	1.001e+05	-1.727e+04	-3850.35

6	70	168.00	-2.546e+04	1929.43	631.55	7.927e+04	-1.194e+04	-3350.53
6	70	172.00	-2.535e+04	1889.31	622.47	6.388e+04	-7070.36	-2936.58
6	70	176.00	-2.521e+04	1892.01	617.80	5.249e+04	-937.64	-2553.13
6	70	180.00	-2.510e+04	1910.25	616.12	4.731e+04	4803.17	-2104.74
6	70	184.00	-2.501e+04	1920.06	615.83	4.647e+04	1.010e+04	-1561.87
6	70	188.00	-2.492e+04	2389.06	483.75	4.953e+04	1.495e+04	-941.97
6	70	192.00	-2.486e+04	2400.44	475.61	5.177e+04	1.943e+04	-255.62
6	70	196.00	-2.475e+04	2381.95	482.44	6.309e+04	2.368e+04	517.03
6	70	200.00	-2.454e+04	2379.52	501.82	9.929e+04	2.784e+04	1409.06
6	70	205.00	-2.441e+04	2296.10	529.46	5.868e+04	3.243e+04	2613.53
6	70	210.00	-2.444e+04	2128.46	513.66	5.609e+04	3.675e+04	3639.24
6	70	215.00	-2.421e+04	2150.15	501.26	2.293e+04	3.938e+04	4550.41
6	70	220.00	-2.402e+04	2234.29	497.32	1891.59	4.027e+04	5546.00
6	70	225.00	-2.388e+04	2310.83	494.20	-9200.18	4.125e+04	6695.74
6	70	230.00	-2.379e+04	2357.74	492.09	-1.470e+04	4.238e+04	7990.01
6	70	235.00	-2.384e+04	2363.89	492.23	-2.561e+04	4.374e+04	9439.61
6	70	240.00	-2.382e+04	2415.29	471.32	-3.016e+04	4.538e+04	1.106e+04
6	70	245.00	-2.425e+04	1685.74	452.53	8.349e+04	4.953e+04	1.234e+04
6	70	246.00	-2.480e+04	935.44	462.71	2.045e+05	5.042e+04	1.296e+04
6	70	250.00	-2.378e+04	718.13	563.00	1.534e+05	5.415e+04	1.419e+04
6	70	252.00	-2.368e+04	664.27	602.63	1.328e+05	5.528e+04	1.478e+04
6	70	258.00	-2.332e+04	1146.57	607.49	7.083e+04	5.819e+04	1.682e+04
6	70	264.00	-2.316e+04	1535.93	604.84	4.020e+04	6.092e+04	1.920e+04
6	70	270.00	-2.308e+04	1856.32	597.13	2.132e+04	6.355e+04	2.174e+04
6	70	276.00	-2.305e+04	2134.72	587.96	8619.82	6.615e+04	2.451e+04
6	70	280.00	-2.306e+04	2298.40	582.99	1695.38	6.791e+04	2.648e+04
6	70	282.00	-2.340e+04	5494.45	468.15	8.238e+04	7.195e+04	2.476e+04
6	70	287.00	-2.158e+04	8341.16	119.65	-3.240e+05	7.490e+04	2.440e+04
6	70	288.00	-2.153e+04	8788.96	85.05	-3.357e+05	7.510e+04	2.473e+04
6	70	294.00	-2.138e+04	9712.25	41.60	-3.786e+05	7.725e+04	2.673e+04
6	70	300.00	-2.049e+04	8859.45	85.41	-2.056e+05	8.139e+04	2.868e+04
6	70	301.00	-2.049e+04	8783.75	77.62	-2.160e+05	8.204e+04	2.883e+04
6	70	308.00	-2.044e+04	8068.79	114.88	-3.047e+05	8.669e+04	2.934e+04
6	70	315.00	-2.022e+04	6800.92	164.30	-4.200e+05	9.166e+04	2.888e+04
6	70	320.00	-1.998e+04	5596.92	204.75	-5.187e+05	9.543e+04	2.797e+04
6	70	322.00	-1.337e+04	9670.13	-300.58	-1.981e+06	8.527e+04	4.736e+04
6	70	324.00	-1.226e+04	1.119e+04	82.01	-2.185e+06	8.535e+04	5.176e+04
6	70	328.00	-1.229e+04	1.098e+04	110.40	-2.068e+06	8.791e+04	5.541e+04
6	70	329.00	-1.234e+04	1.073e+04	130.92	-2.030e+06	8.834e+04	5.610e+04
6	70	332.00	-1.269e+04	1.008e+04	95.03	-1.896e+06	8.923e+04	5.839e+04
6	70	336.00	-1.263e+04	9329.86	12.67	-1.771e+06	8.999e+04	6.225e+04
6	70	340.00	-1.277e+04	8914.84	-237.69	-1.683e+06	9.195e+04	6.548e+04
6	70	343.00	-1.278e+04	7583.97	-403.70	-1.616e+06	9.370e+04	6.774e+04
6	70	344.00	-1.353e+04	8283.30	-386.46	-1.696e+06	9.575e+04	7.221e+04
6	70	348.00	-1.437e+04	4723.33	-354.96	-1.702e+06	8.144e+04	5.872e+04
6	70	350.00	-1.344e+04	-912.74	-349.98	-1.511e+06	6.089e+04	3.299e+04
6	70	352.00	-1.349e+04	-1090.84	-354.05	-1.469e+06	6.426e+04	3.890e+04
6	70	356.00	-1.354e+04	-1320.29	-362.26	-1.373e+06	7.052e+04	4.984e+04
6	70	360.00	-1.358e+04	-1473.75	-389.63	-1.263e+06	7.605e+04	5.896e+04
6	70	364.00	-1.354e+04	-1498.76	-426.51	-1.145e+06	8.073e+04	6.692e+04
6	70	368.00	-1.351e+04	-1448.28	-478.08	-1.014e+06	8.421e+04	7.277e+04
6	70	372.00	-1.342e+04	-1218.09	-535.89	-8.779e+05	8.640e+04	7.775e+04
6	70	376.00	-1.338e+04	-881.72	-609.19	-7.298e+05	8.689e+04	8.012e+04
6	70	380.00	-1.331e+04	-246.63	-671.92	-5.783e+05	8.564e+04	8.212e+04
6	70	384.00	-1.336e+04	528.57	-751.68	-4.173e+05	8.222e+04	8.024e+04
6	70	388.00	-1.347e+04	1819.17	-693.67	-2.535e+05	7.677e+04	7.882e+04
6	70	392.00	-1.286e+04	2613.49	-653.13	-1.108e+05	6.796e+04	6.939e+04
6	70	396.00	-1.014e+04	1031.37	126.23	-1.677e+04	4.848e+04	5.917e+04
6	82	0.0	-2.945e+04	4642.24	370.54	1.125e+06	-5.335e+04	-806.35
6	82	40.00	-2.945e+04	4622.52	370.54	1.103e+06	-3.970e+04	-1.349e+04
6	82	41.00	-2.896e+04	4450.44	380.29	1.000e+06	-3.910e+04	-1.347e+04
6	82	42.00	-2.884e+04	4459.02	378.04	9.800e+05	-3.852e+04	-1.364e+04
6	82	43.00	-2.872e+04	4503.59	382.02	9.656e+05	-3.804e+04	-1.376e+04
6	82	44.00	-2.861e+04	4554.84	386.92	9.580e+05	-3.762e+04	-1.390e+04
6	82	45.00	-2.852e+04	4610.51	392.95	9.559e+05	-3.722e+04	-1.408e+04
6	82	46.00	-2.842e+04	4793.74	365.37	9.583e+05	-3.682e+04	-1.430e+04
6	82	47.00	-2.833e+04	4845.66	374.62	9.643e+05	-3.640e+04	-1.453e+04
6	82	48.00	-2.826e+04	4893.78	381.09	9.731e+05	-3.597e+04	-1.473e+04
6	82	49.00	-2.819e+04	4912.45	370.66	9.837e+05	-3.563e+04	-1.480e+04
6	82	50.00	-2.846e+04	4675.15	297.70	9.236e+05	-3.571e+04	-1.451e+04
6	82	80.00	-2.847e+04	4692.88	297.70	9.024e+05	-2.558e+04	-1.956e+04
6	82	82.00	-2.808e+04	4602.80	314.73	8.191e+05	-2.657e+04	-1.968e+04
6	82	84.00	-2.785e+04	4547.13	315.84	7.802e+05	-2.746e+04	-1.986e+04
6	82	86.00	-2.771e+04	4553.53	317.51	7.638e+05	-2.824e+04	-2.010e+04
6	82	88.00	-2.760e+04	4585.29	319.91	7.557e+05	-2.894e+04	-2.031e+04
6	82	90.00	-2.750e+04	4629.92	322.83	7.535e+05	-2.957e+04	-2.050e+04
6	82	92.00	-2.743e+04	4677.65	325.80	7.550e+05	-3.009e+04	-2.068e+04

6	82	94.00	-2.735e+04	4709.05	329.97	7.603e+05	-3.053e+04	-2.081e+04
6	82	96.00	-2.730e+04	4714.92	330.16	7.661e+05	-3.093e+04	-2.090e+04
6	82	98.00	-2.733e+04	4661.88	318.08	7.601e+05	-3.136e+04	-2.101e+04
6	82	100.00	-2.749e+04	4618.85	294.36	7.225e+05	-3.183e+04	-2.113e+04
6	82	120.00	-2.749e+04	4660.76	294.36	7.022e+05	-2.506e+04	-2.188e+04
6	82	123.00	-2.716e+04	4652.15	296.63	6.272e+05	-2.280e+04	-2.191e+04
6	82	126.00	-2.692e+04	4615.21	296.35	5.864e+05	-2.063e+04	-2.196e+04
6	82	129.00	-2.676e+04	4592.11	295.91	5.663e+05	-1.853e+04	-2.203e+04
6	82	132.00	-2.663e+04	4601.58	295.93	5.565e+05	-1.649e+04	-2.211e+04
6	82	135.00	-2.651e+04	4631.49	296.35	5.535e+05	-1.453e+04	-2.216e+04
6	82	138.00	-2.640e+04	4662.79	296.79	5.554e+05	-1.265e+04	-2.216e+04
6	82	141.00	-2.634e+04	4678.43	296.72	5.586e+05	-1.086e+04	-2.210e+04
6	82	144.00	-2.632e+04	4663.36	295.55	5.586e+05	-9187.05	-2.201e+04
6	82	147.00	-2.636e+04	4627.21	294.34	5.495e+05	-7585.70	-2.188e+04
6	82	150.00	-2.644e+04	4612.52	292.81	5.268e+05	-6025.20	-2.172e+04
6	82	160.00	-2.644e+04	4654.42	292.81	5.115e+05	-2556.94	-2.085e+04
6	82	164.00	-2.614e+04	4701.01	286.09	4.402e+05	-690.16	-2.050e+04
6	82	168.00	-2.595e+04	4657.23	283.01	4.050e+05	1627.82	-2.014e+04
6	82	172.00	-2.577e+04	4614.74	279.83	3.811e+05	3831.67	-1.980e+04
6	82	176.00	-2.559e+04	4626.79	277.85	3.669e+05	6438.02	-1.948e+04
6	82	180.00	-2.546e+04	4662.07	276.32	3.614e+05	8950.90	-1.910e+04
6	82	184.00	-2.544e+04	4691.10	274.67	3.593e+05	1.135e+04	-1.865e+04
6	82	188.00	-2.539e+04	4840.29	233.73	3.592e+05	1.362e+04	-1.811e+04
6	82	192.00	-2.539e+04	4828.69	232.21	3.541e+05	1.578e+04	-1.748e+04
6	82	196.00	-2.541e+04	4793.84	240.78	3.442e+05	1.787e+04	-1.674e+04
6	82	200.00	-2.542e+04	4788.93	260.16	3.340e+05	1.997e+04	-1.586e+04
6	82	205.00	-2.521e+04	4783.29	272.53	2.754e+05	2.207e+04	-1.462e+04
6	82	210.00	-2.512e+04	4601.19	265.48	2.552e+05	2.419e+04	-1.344e+04
6	82	215.00	-2.482e+04	4619.64	260.58	2.130e+05	2.589e+04	-1.233e+04
6	82	220.00	-2.460e+04	4711.74	258.21	1.901e+05	2.712e+04	-1.117e+04
6	82	225.00	-2.447e+04	4800.74	254.38	1.791e+05	2.843e+04	-9902.84
6	82	230.00	-2.439e+04	4862.49	249.63	1.732e+05	2.980e+04	-8532.21
6	82	235.00	-2.440e+04	4888.44	245.25	1.653e+05	3.125e+04	-7025.70
6	82	240.00	-2.443e+04	4900.03	237.94	1.547e+05	3.279e+04	-5348.68
6	82	245.00	-2.491e+04	4261.46	260.45	2.354e+05	3.427e+04	-3235.03
6	82	246.00	-2.549e+04	3533.21	273.96	3.451e+05	3.456e+04	-2454.14
6	82	250.00	-2.457e+04	3536.22	324.85	2.393e+05	3.631e+04	-585.09
6	82	252.00	-2.442e+04	3586.47	332.64	2.121e+05	3.703e+04	271.41
6	82	258.00	-2.402e+04	4069.15	338.29	1.457e+05	3.924e+04	2966.47
6	82	264.00	-2.386e+04	4461.32	336.11	1.148e+05	4.153e+04	5802.57
6	82	270.00	-2.380e+04	4779.60	328.09	9.632e+04	4.381e+04	8691.25
6	82	276.00	-2.380e+04	5049.74	317.47	8.287e+04	4.603e+04	1.171e+04
6	82	280.00	-2.385e+04	5207.51	309.84	7.336e+04	4.748e+04	1.382e+04
6	82	282.00	-2.412e+04	8501.04	219.99	1.320e+05	5.202e+04	1.290e+04
6	82	287.00	-2.208e+04	1.142e+04	-16.90	-3.209e+05	5.675e+04	1.452e+04
6	82	288.00	-2.202e+04	1.184e+04	-27.00	-3.360e+05	5.685e+04	1.515e+04
6	82	294.00	-2.181e+04	1.277e+04	-0.93	-4.067e+05	5.792e+04	1.875e+04
6	82	300.00	-2.105e+04	1.204e+04	104.36	-2.989e+05	6.045e+04	2.209e+04
6	82	301.00	-2.104e+04	1.197e+04	106.95	-3.123e+05	6.097e+04	2.249e+04
6	82	308.00	-2.090e+04	1.128e+04	149.59	-4.200e+05	6.574e+04	2.303e+04
6	82	315.00	-2.062e+04	1.002e+04	207.66	-5.536e+05	7.146e+04	2.282e+04
6	82	320.00	-2.035e+04	8808.05	256.28	-6.660e+05	7.559e+04	2.217e+04
6	82	322.00	-1.397e+04	1.269e+04	-272.42	-2.073e+06	6.691e+04	3.870e+04
6	82	324.00	-1.310e+04	1.401e+04	87.18	-2.224e+06	6.841e+04	4.025e+04
6	82	328.00	-1.312e+04	1.349e+04	121.33	-2.109e+06	7.334e+04	4.231e+04
6	82	329.00	-1.315e+04	1.316e+04	140.01	-2.071e+06	7.390e+04	4.315e+04
6	82	332.00	-1.350e+04	1.227e+04	97.10	-1.940e+06	7.504e+04	4.588e+04
6	82	336.00	-1.344e+04	1.122e+04	14.07	-1.818e+06	7.674e+04	4.840e+04
6	82	340.00	-1.356e+04	1.043e+04	-224.23	-1.730e+06	7.985e+04	5.137e+04
6	82	343.00	-1.355e+04	8897.75	-403.53	-1.664e+06	8.259e+04	5.354e+04
6	82	344.00	-1.436e+04	9544.36	-397.86	-1.751e+06	8.470e+04	5.808e+04
6	82	348.00	-1.542e+04	5776.53	-380.48	-1.788e+06	7.069e+04	4.600e+04
6	82	350.00	-1.460e+04	30.94	-381.43	-1.614e+06	5.009e+04	2.038e+04
6	82	352.00	-1.461e+04	-208.09	-388.98	-1.567e+06	5.376e+04	2.634e+04
6	82	356.00	-1.461e+04	-552.65	-400.55	-1.461e+06	6.042e+04	3.839e+04
6	82	360.00	-1.458e+04	-827.26	-435.52	-1.341e+06	6.639e+04	4.783e+04
6	82	364.00	-1.449e+04	-957.53	-469.79	-1.213e+06	7.154e+04	5.694e+04
6	82	368.00	-1.440e+04	-1013.14	-529.46	-1.072e+06	7.556e+04	6.330e+04
6	82	372.00	-1.426e+04	-867.05	-578.66	-9.256e+05	7.837e+04	6.950e+04
6	82	376.00	-1.418e+04	-608.94	-659.85	-7.679e+05	7.956e+04	7.255e+04
6	82	380.00	-1.409e+04	-28.55	-706.72	-6.063e+05	7.914e+04	7.585e+04
6	82	384.00	-1.410e+04	706.53	-792.17	-4.363e+05	7.665e+04	7.483e+04
6	82	388.00	-1.418e+04	1967.13	-706.73	-2.637e+05	7.233e+04	7.484e+04
6	82	392.00	-1.350e+04	2752.99	-667.37	-1.144e+05	6.472e+04	6.659e+04
6	82	396.00	-1.060e+04	1050.98	116.88	-1.677e+04	4.666e+04	5.754e+04
6	86	0.0	-2.938e+04	4966.08	295.02	1.121e+06	-4.894e+04	-1062.12
6	86	40.00	-2.938e+04	4946.37	295.02	1.099e+06	-3.530e+04	-1.414e+04

6	86	41.00	-2.890e+04	4775.31	302.09	9.966e+05	-3.487e+04	-1.420e+04
6	86	42.00	-2.878e+04	4786.20	300.56	9.769e+05	-3.444e+04	-1.442e+04
6	86	43.00	-2.866e+04	4830.81	304.64	9.624e+05	-3.408e+04	-1.459e+04
6	86	44.00	-2.855e+04	4882.18	309.58	9.548e+05	-3.374e+04	-1.478e+04
6	86	45.00	-2.845e+04	4937.93	315.67	9.525e+05	-3.341e+04	-1.500e+04
6	86	46.00	-2.836e+04	4997.30	322.39	9.548e+05	-3.307e+04	-1.524e+04
6	86	47.00	-2.828e+04	5058.45	328.89	9.608e+05	-3.272e+04	-1.551e+04
6	86	48.00	-2.820e+04	5115.26	332.23	9.696e+05	-3.234e+04	-1.574e+04
6	86	49.00	-2.813e+04	5135.82	318.76	9.802e+05	-3.202e+04	-1.583e+04
6	86	50.00	-2.840e+04	4952.57	235.87	9.204e+05	-3.207e+04	-1.556e+04
6	86	80.00	-2.840e+04	4970.30	235.87	8.992e+05	-2.195e+04	-2.081e+04
6	86	82.00	-2.802e+04	4918.88	240.92	8.165e+05	-2.307e+04	-2.098e+04
6	86	84.00	-2.779e+04	4865.63	241.40	7.779e+05	-2.407e+04	-2.122e+04
6	86	86.00	-2.766e+04	4873.08	242.93	7.615e+05	-2.497e+04	-2.149e+04
6	86	88.00	-2.754e+04	4905.12	245.27	7.532e+05	-2.577e+04	-2.173e+04
6	86	90.00	-2.744e+04	4949.80	248.02	7.509e+05	-2.647e+04	-2.197e+04
6	86	92.00	-2.734e+04	4997.22	250.73	7.533e+05	-2.707e+04	-2.217e+04
6	86	94.00	-2.726e+04	5035.21	252.38	7.585e+05	-2.757e+04	-2.233e+04
6	86	96.00	-2.720e+04	5044.37	250.38	7.643e+05	-2.802e+04	-2.244e+04
6	86	98.00	-2.723e+04	4985.74	239.53	7.577e+05	-2.849e+04	-2.257e+04
6	86	100.00	-2.741e+04	4911.23	225.94	7.184e+05	-2.900e+04	-2.269e+04
6	86	120.00	-2.741e+04	4953.15	225.94	6.982e+05	-2.222e+04	-2.355e+04
6	86	123.00	-2.707e+04	4939.27	228.90	6.234e+05	-2.007e+04	-2.361e+04
6	86	126.00	-2.684e+04	4903.88	228.41	5.828e+05	-1.801e+04	-2.370e+04
6	86	129.00	-2.668e+04	4881.14	228.11	5.625e+05	-1.600e+04	-2.381e+04
6	86	132.00	-2.654e+04	4890.71	227.82	5.525e+05	-1.405e+04	-2.391e+04
6	86	135.00	-2.642e+04	4921.43	227.59	5.494e+05	-1.217e+04	-2.398e+04
6	86	138.00	-2.631e+04	4954.11	227.21	5.515e+05	-1.036e+04	-2.401e+04
6	86	141.00	-2.625e+04	4970.09	226.44	5.546e+05	-8646.40	-2.397e+04
6	86	144.00	-2.623e+04	4953.20	225.01	5.544e+05	-7038.02	-2.389e+04
6	86	147.00	-2.627e+04	4853.46	240.47	5.441e+05	-5507.49	-2.378e+04
6	86	150.00	-2.637e+04	4839.50	238.82	5.178e+05	-4022.94	-2.363e+04
6	86	160.00	-2.638e+04	4881.40	238.82	5.026e+05	-547.41	-2.280e+04
6	86	164.00	-2.607e+04	4896.75	240.36	4.313e+05	1580.15	-2.249e+04
6	86	168.00	-2.588e+04	4852.20	238.12	3.960e+05	3595.00	-2.216e+04
6	86	172.00	-2.570e+04	4807.70	235.73	3.718e+05	5891.59	-2.185e+04
6	86	176.00	-2.552e+04	4819.36	233.09	3.574e+05	8130.11	-2.154e+04
6	86	180.00	-2.539e+04	4857.15	230.20	3.519e+05	1.033e+04	-2.119e+04
6	86	184.00	-2.538e+04	4890.93	226.97	3.493e+05	1.246e+04	-2.076e+04
6	86	188.00	-2.534e+04	4901.96	224.35	3.488e+05	1.454e+04	-2.024e+04
6	86	192.00	-2.534e+04	4883.17	224.57	3.436e+05	1.655e+04	-1.962e+04
6	86	196.00	-2.537e+04	4848.10	231.82	3.322e+05	1.855e+04	-1.890e+04
6	86	200.00	-2.541e+04	4843.86	249.42	3.172e+05	2.058e+04	-1.804e+04
6	86	205.00	-2.519e+04	4872.80	253.40	2.589e+05	2.253e+04	-1.683e+04
6	86	210.00	-2.510e+04	4682.75	248.69	2.379e+05	2.426e+04	-1.567e+04
6	86	215.00	-2.480e+04	4694.78	243.87	1.954e+05	2.567e+04	-1.458e+04
6	86	220.00	-2.458e+04	4787.20	239.76	1.725e+05	2.710e+04	-1.344e+04
6	86	225.00	-2.445e+04	4881.16	233.96	1.616e+05	2.856e+04	-1.220e+04
6	86	230.00	-2.437e+04	4951.02	226.89	1.556e+05	3.005e+04	-1.086e+04
6	86	235.00	-2.436e+04	4987.63	220.05	1.490e+05	3.157e+04	-9379.33
6	86	240.00	-2.439e+04	4982.42	218.38	1.384e+05	3.313e+04	-7720.46
6	86	245.00	-2.488e+04	4374.76	253.63	2.178e+05	3.459e+04	-5612.98
6	86	246.00	-2.546e+04	3652.87	266.91	3.265e+05	3.488e+04	-4831.88
6	86	250.00	-2.456e+04	3740.58	290.06	2.157e+05	3.662e+04	-2962.27
6	86	252.00	-2.441e+04	3832.15	282.80	1.883e+05	3.734e+04	-2108.65
6	86	258.00	-2.401e+04	4310.39	284.48	1.224e+05	3.960e+04	562.84
6	86	264.00	-2.385e+04	4706.18	280.10	9.190e+04	4.193e+04	3357.90
6	86	270.00	-2.380e+04	5030.33	269.79	7.358e+04	4.423e+04	6200.98
6	86	276.00	-2.381e+04	5306.46	256.84	6.001e+04	4.643e+04	9174.40
6	86	280.00	-2.386e+04	5468.68	247.17	5.048e+04	4.784e+04	1.126e+04
6	86	282.00	-2.412e+04	8769.31	162.72	1.075e+05	5.235e+04	1.026e+04
6	86	287.00	-2.205e+04	1.163e+04	-38.35	-3.473e+05	5.702e+04	1.185e+04
6	86	288.00	-2.198e+04	1.203e+04	-38.82	-3.618e+05	5.710e+04	1.247e+04
6	86	294.00	-2.178e+04	1.296e+04	9.59	-4.308e+05	5.801e+04	1.611e+04
6	86	300.00	-2.104e+04	1.225e+04	130.31	-3.279e+05	6.030e+04	1.959e+04
6	86	301.00	-2.104e+04	1.219e+04	136.43	-3.414e+05	6.082e+04	2.000e+04
6	86	308.00	-2.090e+04	1.151e+04	173.94	-4.497e+05	6.554e+04	2.063e+04
6	86	315.00	-2.062e+04	1.026e+04	227.81	-5.842e+05	7.121e+04	2.048e+04
6	86	320.00	-2.034e+04	9050.38	274.19	-6.974e+05	7.529e+04	1.986e+04
6	86	322.00	-1.399e+04	1.290e+04	-257.70	-2.100e+06	6.665e+04	3.638e+04
6	86	324.00	-1.314e+04	1.418e+04	98.88	-2.246e+06	6.817e+04	3.792e+04
6	86	328.00	-1.317e+04	1.362e+04	128.97	-2.127e+06	7.302e+04	4.006e+04
6	86	329.00	-1.321e+04	1.328e+04	147.39	-2.089e+06	7.355e+04	4.090e+04
6	86	332.00	-1.357e+04	1.236e+04	103.29	-1.957e+06	7.457e+04	4.364e+04
6	86	336.00	-1.352e+04	1.125e+04	17.35	-1.834e+06	7.612e+04	4.611e+04
6	86	340.00	-1.363e+04	1.039e+04	-222.56	-1.745e+06	7.905e+04	4.936e+04
6	86	343.00	-1.362e+04	8841.56	-413.72	-1.677e+06	8.166e+04	5.170e+04

6	86	344.00	-1.443e+04	9484.61	-414.97	-1.765e+06	8.373e+04	5.630e+04
6	86	348.00	-1.549e+04	5704.42	-410.61	-1.801e+06	6.948e+04	4.437e+04
6	86	350.00	-1.467e+04	-48.34	-417.73	-1.626e+06	4.874e+04	1.879e+04
6	86	352.00	-1.468e+04	-285.42	-425.21	-1.578e+06	5.241e+04	2.481e+04
6	86	356.00	-1.468e+04	-626.41	-435.79	-1.471e+06	5.909e+04	3.696e+04
6	86	360.00	-1.465e+04	-897.55	-470.50	-1.350e+06	6.508e+04	4.652e+04
6	86	364.00	-1.455e+04	-1023.91	-502.52	-1.221e+06	7.026e+04	5.576e+04
6	86	368.00	-1.447e+04	-1074.32	-561.99	-1.078e+06	7.434e+04	6.224e+04
6	86	372.00	-1.433e+04	-922.47	-608.02	-9.311e+05	7.720e+04	6.858e+04
6	86	376.00	-1.425e+04	-655.87	-688.88	-7.722e+05	7.848e+04	7.176e+04
6	86	380.00	-1.416e+04	-67.07	-731.72	-6.095e+05	7.816e+04	7.519e+04
6	86	384.00	-1.417e+04	680.85	-816.19	-4.384e+05	7.581e+04	7.431e+04
6	86	388.00	-1.425e+04	1950.93	-725.75	-2.648e+05	7.164e+04	7.446e+04
6	86	392.00	-1.356e+04	2751.89	-683.98	-1.148e+05	6.421e+04	6.638e+04
6	86	396.00	-1.065e+04	1043.63	102.65	-1.677e+04	4.638e+04	5.736e+04

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-3.062e+04	-7185.93	-998.43	-3.232e+06	-2.782e+05	-9.591e+04
	-9344.13	1.973e+04	1614.14	3.176e+06	1.815e+05	9.371e+04

Macro	Tipo	Angolo 1-Z (gradi)
7	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
7	6	0.0	-2.591e+04	1.124e+04	-797.15	-3.436e+06	8.649e+04	-2906.27
7	6	38.00	-2.591e+04	1.124e+04	-797.15	-3.420e+06	9.975e+04	-7588.22
7	6	76.00	-2.555e+04	1.123e+04	-972.26	-3.045e+06	6.617e+04	-1.186e+04
7	6	114.00	-2.518e+04	1.125e+04	-570.83	-2.657e+06	3.248e+04	-1.417e+04
7	6	152.00	-2.482e+04	1.123e+04	-591.90	-2.269e+06	-1979.78	-1.335e+04
7	6	190.00	-2.445e+04	1.122e+04	-565.50	-1.885e+06	-3.319e+04	-1.250e+04
7	6	228.00	-2.408e+04	1.119e+04	-489.51	-1.504e+06	-6.348e+04	-6672.59
7	6	266.00	-2.373e+04	1.099e+04	-667.77	-1.125e+06	-9.183e+04	6281.08
7	6	304.00	-2.489e+04	1.684e+04	-798.77	-5.785e+05	-1.184e+05	3.511e+04
7	6	314.69	-1.908e+04	1.042e+04	3232.52	2.515e+05	-9.834e+04	1.113e+05
7	6	342.00	-1.515e+04	5474.89	2873.01	-4.146e+05	-2.018e+05	6.807e+04
7	6	380.00	-1.287e+04	1.001e+04	4669.52	-2.452e+05	-3.053e+04	1.381e+04
7	11	0.0	-2.769e+04	-8407.90	1551.04	3.466e+06	-1.611e+05	3187.24
7	11	38.00	-2.769e+04	-8407.90	1551.04	3.482e+06	-1.457e+05	7730.37
7	11	76.00	-2.733e+04	-8412.87	1069.19	3.210e+06	-8.684e+04	1.281e+04
7	11	114.00	-2.698e+04	-8403.30	1121.91	2.927e+06	-2.833e+04	1.490e+04
7	11	152.00	-2.663e+04	-8391.42	1113.53	2.646e+06	3.249e+04	1.506e+04
7	11	190.00	-2.627e+04	-8373.08	1074.80	2.369e+06	8.871e+04	1.326e+04
7	11	228.00	-2.592e+04	-8349.02	1011.24	2.097e+06	1.442e+05	7922.93
7	11	266.00	-2.555e+04	-8428.51	1224.25	1.826e+06	1.979e+05	-4089.67
7	11	304.00	-2.391e+04	-9501.77	965.29	1.554e+06	2.501e+05	-3.461e+04
7	11	314.69	-1.769e+04	-1.302e+04	-6726.36	1.348e+06	2.096e+05	-1.415e+04
7	11	342.00	-1.155e+04	-1.373e+04	-1.050e+04	5.241e+05	2.163e+05	-4.073e+04
7	11	380.00	-1.401e+04	-1.030e+04	-6512.96	2.843e+04	-5.671e+04	-1.031e+04
7	14	0.0	-2.584e+04	9388.81	-713.01	-3.166e+06	7.043e+04	-3371.52
7	14	38.00	-2.584e+04	9388.81	-713.01	-3.150e+06	8.388e+04	-8673.17
7	14	76.00	-2.548e+04	9394.75	-361.68	-2.841e+06	5.402e+04	-1.390e+04
7	14	114.00	-2.511e+04	9385.08	-457.18	-2.521e+06	2.452e+04	-1.627e+04
7	14	152.00	-2.474e+04	9372.89	-470.39	-2.203e+06	-7699.20	-1.605e+04
7	14	190.00	-2.436e+04	9354.36	-438.84	-1.890e+06	-3.489e+04	-1.394e+04
7	14	228.00	-2.399e+04	9330.55	-360.51	-1.583e+06	-6.163e+04	-7098.95
7	14	266.00	-2.363e+04	9357.94	-533.94	-1.278e+06	-8.673e+04	8948.57
7	14	304.00	-2.478e+04	1.523e+04	-697.69	-8.013e+05	-1.105e+05	4.589e+04
7	14	314.69	-1.819e+04	1.255e+04	3113.53	-1.566e+04	-9.774e+04	1.237e+05
7	14	342.00	-1.479e+04	7363.89	3181.66	-6.437e+05	-2.066e+05	7.877e+04
7	14	380.00	-1.278e+04	1.385e+04	4917.18	-3.499e+05	-2.582e+04	1.328e+04
7	27	0.0	-2.716e+04	-4312.92	1492.68	1.647e+06	-1.526e+05	2005.60
7	27	38.00	-2.716e+04	-4312.92	1492.68	1.663e+06	-1.372e+05	4827.41
7	27	76.00	-2.681e+04	-4301.45	1454.77	1.531e+06	-8.445e+04	7296.41
7	27	114.00	-2.647e+04	-4305.39	1292.78	1.397e+06	-3.194e+04	9074.35
7	27	152.00	-2.613e+04	-4304.05	1258.60	1.268e+06	2.321e+04	8290.04
7	27	190.00	-2.579e+04	-4299.97	1206.92	1.145e+06	7.157e+04	8356.70
7	27	228.00	-2.545e+04	-4289.80	1144.48	1.033e+06	1.195e+05	5561.88
7	27	266.00	-2.508e+04	-3660.73	1145.77	9.297e+05	1.651e+05	-1076.64
7	27	304.00	-2.200e+04	-3151.40	836.09	6.959e+05	2.079e+05	-1.885e+04
7	27	314.69	-1.516e+04	-5845.24	-6214.82	8.124e+05	1.803e+05	1.975e+04

7	27	342.00	-1.031e+04	-7469.95	-8553.85	8.081e+04	1.622e+05	-1.876e+04
7	27	380.00	-1.389e+04	-1110.26	-5006.40	-2.089e+05	-4.559e+04	-7961.05
7	38	0.0	-2.636e+04	5587.60	-158.35	-1.555e+06	1.739e+04	-1439.48
7	38	38.00	-2.636e+04	5587.60	-158.35	-1.540e+06	3.126e+04	-3879.59
7	38	76.00	-2.600e+04	5582.79	-275.16	-1.352e+06	2.285e+04	-6011.61
7	38	114.00	-2.563e+04	5588.30	-95.83	-1.158e+06	1.440e+04	-7129.50
7	38	152.00	-2.527e+04	5582.85	-111.24	-9.647e+05	5597.79	-6703.08
7	38	190.00	-2.490e+04	5574.72	-100.05	-7.728e+05	-1706.11	-6146.64
7	38	228.00	-2.454e+04	5562.98	-59.33	-5.826e+05	-8566.37	-2957.78
7	38	266.00	-2.418e+04	5467.57	-133.75	-3.929e+05	-1.451e+04	4233.11
7	38	304.00	-2.459e+04	9516.54	-306.95	-7.875e+04	-1.960e+04	1.947e+04
7	38	314.69	-1.828e+04	4823.04	439.97	4.821e+05	-1.735e+04	8.160e+04
7	38	342.00	-1.391e+04	941.18	-557.98	-2.156e+05	-9.324e+04	4.217e+04
7	38	380.00	-1.315e+04	5701.91	1797.54	-2.009e+05	-3.614e+04	7300.55
7	43	0.0	-2.721e+04	-3786.90	957.22	1.739e+06	-1.002e+05	1458.46
7	43	38.00	-2.721e+04	-3786.90	957.22	1.754e+06	-8.534e+04	3408.28
7	43	76.00	-2.685e+04	-3789.49	693.39	1.633e+06	-4.983e+04	5716.70
7	43	114.00	-2.649e+04	-3784.94	707.77	1.506e+06	-1.447e+04	6689.80
7	43	152.00	-2.613e+04	-3779.29	698.74	1.380e+06	2.194e+04	6803.69
7	43	190.00	-2.577e+04	-3770.59	679.21	1.256e+06	5.624e+04	6099.63
7	43	228.00	-2.542e+04	-3759.18	653.71	1.135e+06	9.019e+04	3969.81
7	43	266.00	-2.505e+04	-3797.20	766.68	1.014e+06	1.233e+05	-686.48
7	43	304.00	-2.414e+04	-3054.15	532.94	9.381e+05	1.557e+05	-1.369e+04
7	43	314.69	-1.761e+04	-6347.26	-4294.76	1.004e+06	1.291e+05	2.185e+04
7	43	342.00	-1.218e+04	-8210.64	-6917.36	2.313e+05	1.056e+05	-9599.16
7	43	380.00	-1.369e+04	-3976.78	-3521.09	-7.103e+04	-4.867e+04	-4175.55
7	46	0.0	-2.632e+04	4693.08	-117.84	-1.425e+06	9662.65	-1661.52
7	46	38.00	-2.632e+04	4693.08	-117.84	-1.409e+06	2.362e+04	-4398.17
7	46	76.00	-2.596e+04	4696.08	15.62	-1.253e+06	1.702e+04	-6981.43
7	46	114.00	-2.560e+04	4691.49	-41.01	-1.092e+06	1.057e+04	-8127.92
7	46	152.00	-2.523e+04	4685.70	-52.65	-9.322e+05	2872.17	-7983.35
7	46	190.00	-2.486e+04	4676.89	-39.00	-7.744e+05	-2494.28	-6828.98
7	46	228.00	-2.450e+04	4665.59	2.83	-6.192e+05	-7645.02	-3156.21
7	46	266.00	-2.414e+04	4678.69	-69.96	-4.654e+05	-1.202e+04	5505.24
7	46	304.00	-2.454e+04	8737.02	-258.21	-1.848e+05	-1.574e+04	2.461e+04
7	46	314.69	-1.785e+04	5837.74	375.72	3.544e+05	-1.701e+04	8.751e+04
7	46	342.00	-1.373e+04	1842.55	-412.58	-3.251e+05	-9.547e+04	4.727e+04
7	46	380.00	-1.311e+04	7531.79	1914.38	-2.511e+05	-3.390e+04	7046.61
7	59	0.0	-2.695e+04	-1834.65	923.72	8.709e+05	-9.569e+04	884.58
7	59	38.00	-2.695e+04	-1834.65	923.72	8.868e+05	-8.082e+04	1996.81
7	59	76.00	-2.660e+04	-1829.35	871.45	8.323e+05	-4.838e+04	3057.37
7	59	114.00	-2.624e+04	-1831.20	783.85	7.764e+05	-1.607e+04	3871.22
7	59	152.00	-2.589e+04	-1830.50	762.80	7.227e+05	1.746e+04	3547.86
7	59	190.00	-2.554e+04	-1828.50	737.48	6.723e+05	4.785e+04	3727.75
7	59	228.00	-2.519e+04	-1823.74	712.98	6.264e+05	7.805e+04	2823.12
7	59	266.00	-2.483e+04	-1530.13	725.08	5.850e+05	1.071e+05	767.97
7	59	304.00	-2.325e+04	-24.02	468.26	5.287e+05	1.349e+05	-6041.29
7	59	314.69	-1.643e+04	-2910.43	-4029.87	7.487e+05	1.145e+05	3.817e+04
7	59	342.00	-1.161e+04	-5214.82	-5965.07	1.928e+04	7.898e+04	1072.19
7	59	380.00	-1.362e+04	407.10	-2780.99	-1.833e+05	-4.333e+04	-3017.45
7	70	0.0	-2.639e+04	5153.63	-109.70	-1.411e+06	1.212e+04	-1327.70
7	70	38.00	-2.639e+04	5153.63	-109.70	-1.395e+06	2.604e+04	-3596.83
7	70	76.00	-2.603e+04	5149.23	-222.16	-1.222e+06	1.955e+04	-5565.90
7	70	114.00	-2.567e+04	5154.28	-59.67	-1.043e+06	1.302e+04	-6593.11
7	70	152.00	-2.530e+04	5149.28	-74.62	-8.647e+05	6172.10	-6196.01
7	70	190.00	-2.494e+04	5141.84	-64.57	-6.875e+05	693.28	-5662.15
7	70	228.00	-2.458e+04	5131.09	-26.53	-5.120e+05	-4379.03	-2675.28
7	70	266.00	-2.422e+04	5043.71	-93.00	-3.369e+05	-8609.54	4078.12
7	70	304.00	-2.457e+04	8954.39	-269.36	-4.049e+04	-1.206e+04	1.828e+04
7	70	314.69	-1.822e+04	4394.91	227.11	4.996e+05	-1.117e+04	7.934e+04
7	70	342.00	-1.381e+04	594.33	-819.58	-2.005e+05	-8.496e+04	4.020e+04
7	70	380.00	-1.317e+04	5372.52	1578.55	-1.975e+05	-3.657e+04	6803.84
7	75	0.0	-2.717e+04	-3433.65	912.09	1.606e+06	-9.560e+04	1326.69
7	75	38.00	-2.717e+04	-3433.65	912.09	1.622e+06	-8.076e+04	3078.60
7	75	76.00	-2.681e+04	-3436.02	664.94	1.512e+06	-4.702e+04	5176.65
7	75	114.00	-2.645e+04	-3431.86	676.36	1.398e+06	-1.342e+04	6064.61
7	75	152.00	-2.609e+04	-3426.69	667.26	1.283e+06	2.114e+04	6175.58
7	75	190.00	-2.574e+04	-3418.71	649.18	1.171e+06	5.377e+04	5554.81
7	75	228.00	-2.538e+04	-3408.26	626.56	1.061e+06	8.608e+04	3669.78
7	75	266.00	-2.502e+04	-3443.09	731.77	9.515e+05	1.176e+05	-427.72
7	75	304.00	-2.416e+04	-2560.75	499.97	8.910e+05	1.485e+05	-1.209e+04
7	75	314.69	-1.761e+04	-5837.08	-4109.65	9.782e+05	1.230e+05	2.460e+04
7	75	342.00	-1.223e+04	-7788.79	-6644.51	2.088e+05	9.715e+04	-7223.76
7	75	380.00	-1.366e+04	-3493.24	-3293.09	-7.862e+04	-4.805e+04	-3707.89
7	78	0.0	-2.636e+04	4334.02	-72.59	-1.292e+06	5045.42	-1531.10
7	78	38.00	-2.636e+04	4334.02	-72.59	-1.276e+06	1.904e+04	-4071.88
7	78	76.00	-2.600e+04	4336.77	44.20	-1.132e+06	1.420e+04	-6454.23

7	78	114.00	-2.563e+04	4332.57	-9.44	-9.829e+05	9511.93	-7507.60
7	78	152.00	-2.527e+04	4327.26	-20.94	-8.349e+05	3675.42	-7368.54
7	78	190.00	-2.490e+04	4319.20	-8.64	-6.889e+05	-28.23	-6287.08
7	78	228.00	-2.454e+04	4308.85	30.42	-5.455e+05	-3534.21	-2856.93
7	78	266.00	-2.418e+04	4320.84	-34.57	-4.033e+05	-6329.75	5243.41
7	78	304.00	-2.452e+04	8240.13	-224.69	-1.376e+05	-8528.50	2.299e+04
7	78	314.69	-1.783e+04	5324.34	168.09	3.827e+05	-1.086e+04	8.474e+04
7	78	342.00	-1.365e+04	1420.02	-686.44	-3.008e+05	-8.701e+04	4.486e+04
7	78	380.00	-1.313e+04	7048.72	1685.56	-2.435e+05	-3.452e+04	6571.15
7	91	0.0	-2.693e+04	-1645.36	881.27	8.115e+05	-9.144e+04	800.76
7	91	38.00	-2.693e+04	-1645.36	881.27	8.274e+05	-7.661e+04	1785.05
7	91	76.00	-2.658e+04	-1640.51	827.92	7.787e+05	-4.568e+04	2739.96
7	91	114.00	-2.623e+04	-1642.20	745.93	7.289e+05	-1.488e+04	3481.83
7	91	152.00	-2.587e+04	-1641.56	725.82	6.810e+05	1.703e+04	3192.50
7	91	190.00	-2.552e+04	-1639.73	702.44	6.362e+05	4.608e+04	3381.30
7	91	228.00	-2.517e+04	-1635.37	680.76	5.955e+05	7.495e+04	2618.92
7	91	266.00	-2.481e+04	-1366.57	693.57	5.588e+05	1.028e+05	904.98
7	91	304.00	-2.334e+04	214.94	440.65	5.159e+05	1.295e+05	-5084.72
7	91	314.69	-1.653e+04	-2688.57	-3866.53	7.438e+05	1.095e+05	3.955e+04
7	91	342.00	-1.171e+04	-5044.30	-5771.61	1.463e+04	7.276e+04	2555.80
7	91	380.00	-1.361e+04	522.54	-2614.65	-1.815e+05	-4.316e+04	-2646.19

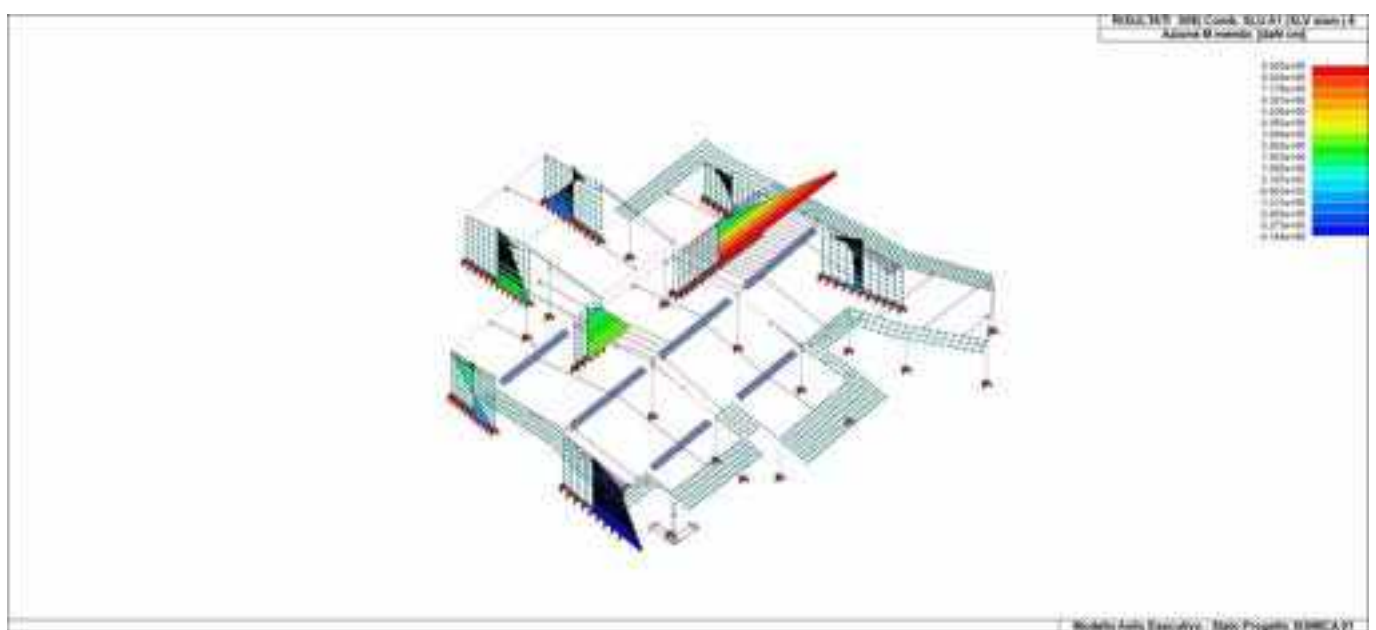
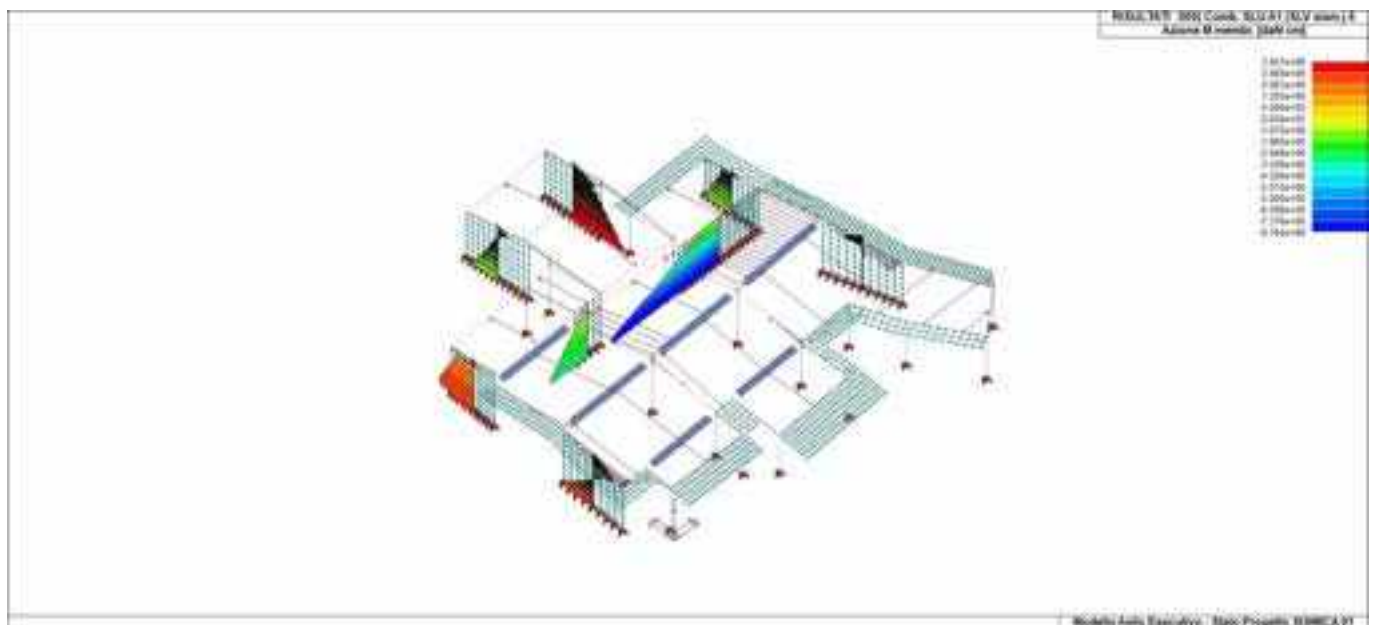
M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.769e+04	-1.373e+04	-1.050e+04	-3.436e+06	-2.066e+05	-4.073e+04
	-1.031e+04	1.684e+04	4917.18	3.482e+06	2.501e+05	1.237e+05

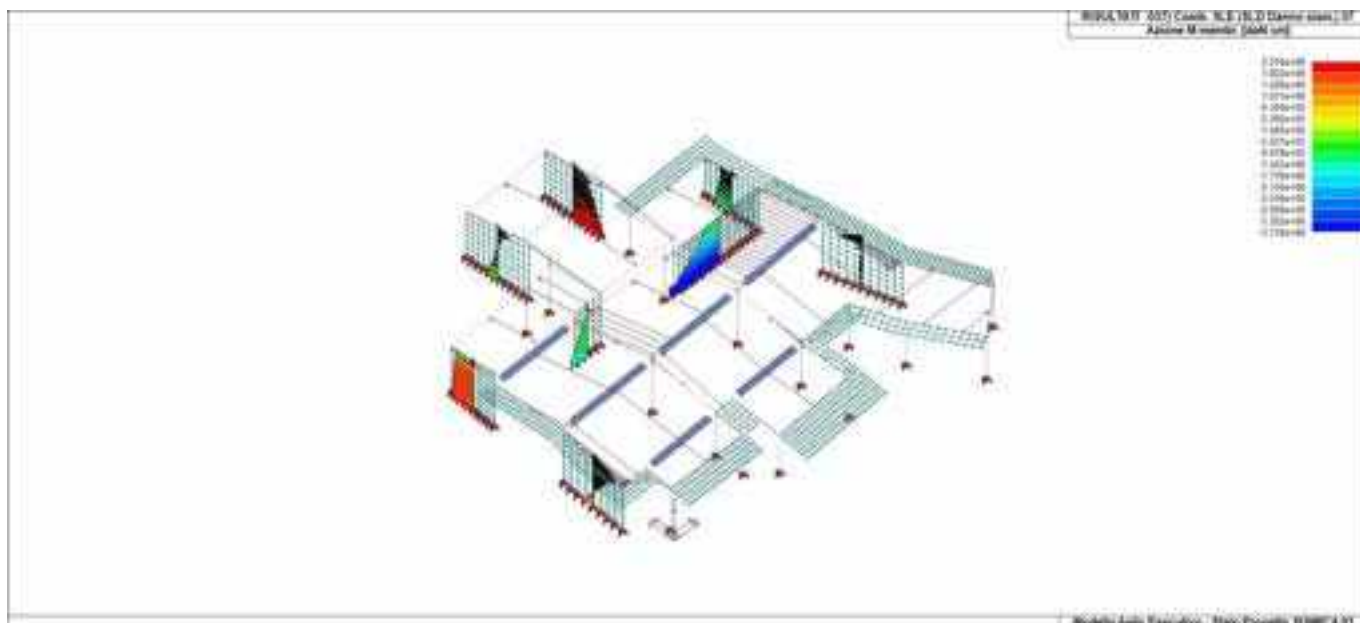
Macro	Tipo	Angolo 1-Z (gradi)
8	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
8	1	0.0	3508.45	4.898e+04	313.36	-7.974e+06	-1.414e+04	5400.77
8	1	40.62	3359.99	4.906e+04	313.36	-8.052e+06	-1.065e+04	1.074e+04
8	1	81.25	1448.31	4.961e+04	130.22	-7.050e+06	-4276.29	1.265e+04
8	1	121.88	-828.41	4.963e+04	17.30	-6.042e+06	-3649.47	1.559e+04
8	1	162.50	-2805.55	4.964e+04	-12.26	-5.049e+06	-4790.33	1.669e+04
8	1	203.12	-5432.38	4.961e+04	-56.33	-3.902e+06	-811.34	1.765e+04
8	1	243.75	-7400.44	4.955e+04	-56.89	-2.893e+06	-5677.13	1.384e+04
8	1	284.38	-9188.98	4.901e+04	-336.70	-1.807e+06	-9706.08	1.175e+04
8	1	325.00	-1.118e+04	4.785e+04	364.68	-9.963e+05	7052.78	2.725e+04
8	4	0.0	-3.988e+04	-5.072e+04	-104.03	8.808e+06	-2.821e+04	-6065.77
8	4	40.62	-4.003e+04	-5.064e+04	-104.03	8.730e+06	-2.345e+04	-1.716e+04
8	4	81.25	-3.606e+04	-5.112e+04	82.70	7.551e+06	-2.139e+04	-2.399e+04
8	4	121.88	-3.183e+04	-5.115e+04	179.73	6.338e+06	-1.421e+04	-3.056e+04
8	4	162.50	-2.800e+04	-5.121e+04	176.03	5.108e+06	-6148.44	-3.434e+04
8	4	203.12	-2.363e+04	-5.126e+04	173.27	3.687e+06	-4230.03	-3.716e+04
8	4	243.75	-2.003e+04	-5.132e+04	128.08	2.368e+06	6079.27	-3.426e+04
8	4	284.38	-1.676e+04	-5.098e+04	381.89	9.216e+05	1.896e+04	-3.056e+04
8	4	325.00	-1.187e+04	-4.779e+04	-431.70	-4.569e+05	3.105e+04	-9993.35
8	7	0.0	-3.320e+04	-4.385e+04	341.44	8.429e+06	-8.054e+04	-7614.45
8	7	40.62	-3.335e+04	-4.377e+04	341.44	8.351e+06	-7.578e+04	-2.202e+04
8	7	81.25	-3.013e+04	-4.418e+04	380.11	7.228e+06	-5.737e+04	-3.626e+04
8	7	121.88	-2.667e+04	-4.419e+04	433.67	6.061e+06	-3.783e+04	-4.731e+04
8	7	162.50	-2.430e+04	-4.422e+04	391.95	5.064e+06	-2.011e+04	-5.315e+04
8	7	203.12	-2.103e+04	-4.426e+04	341.22	3.776e+06	4229.65	-5.564e+04
8	7	243.75	-1.803e+04	-4.483e+04	282.74	2.453e+06	1.555e+04	-5.126e+04
8	7	284.38	-1.536e+04	-4.561e+04	235.23	1.006e+06	2.830e+04	-3.920e+04
8	7	325.00	-1.139e+04	-4.203e+04	-412.58	-4.886e+05	4.334e+04	-1.272e+04
8	8	0.0	-3.981e+04	-5.101e+04	-101.17	8.920e+06	-2.841e+04	-5911.34
8	8	40.62	-3.996e+04	-5.092e+04	-101.17	8.842e+06	-2.365e+04	-1.676e+04
8	8	81.25	-3.600e+04	-5.141e+04	80.29	7.652e+06	-2.179e+04	-2.344e+04
8	8	121.88	-3.177e+04	-5.143e+04	177.44	6.426e+06	-1.486e+04	-3.003e+04
8	8	162.50	-2.728e+04	-5.149e+04	176.99	4.994e+06	-6347.66	-3.400e+04
8	8	203.12	-2.345e+04	-5.155e+04	177.48	3.711e+06	-4869.53	-3.705e+04
8	8	243.75	-1.986e+04	-5.105e+04	110.46	2.379e+06	5020.09	-3.439e+04
8	8	284.38	-1.662e+04	-5.069e+04	393.26	9.204e+05	1.820e+04	-3.027e+04
8	8	325.00	-1.181e+04	-4.750e+04	-429.77	-4.588e+05	3.103e+04	-9077.23
8	33	0.0	-7855.78	2.290e+04	199.52	-3.587e+06	-1.752e+04	2412.09
8	33	40.62	-8004.20	2.298e+04	199.52	-3.665e+06	-1.370e+04	3472.90
8	33	81.25	-8378.18	2.326e+04	114.63	-3.233e+06	-8562.88	3140.99
8	33	121.88	-8948.47	2.327e+04	57.47	-2.805e+06	-6286.73	3618.15

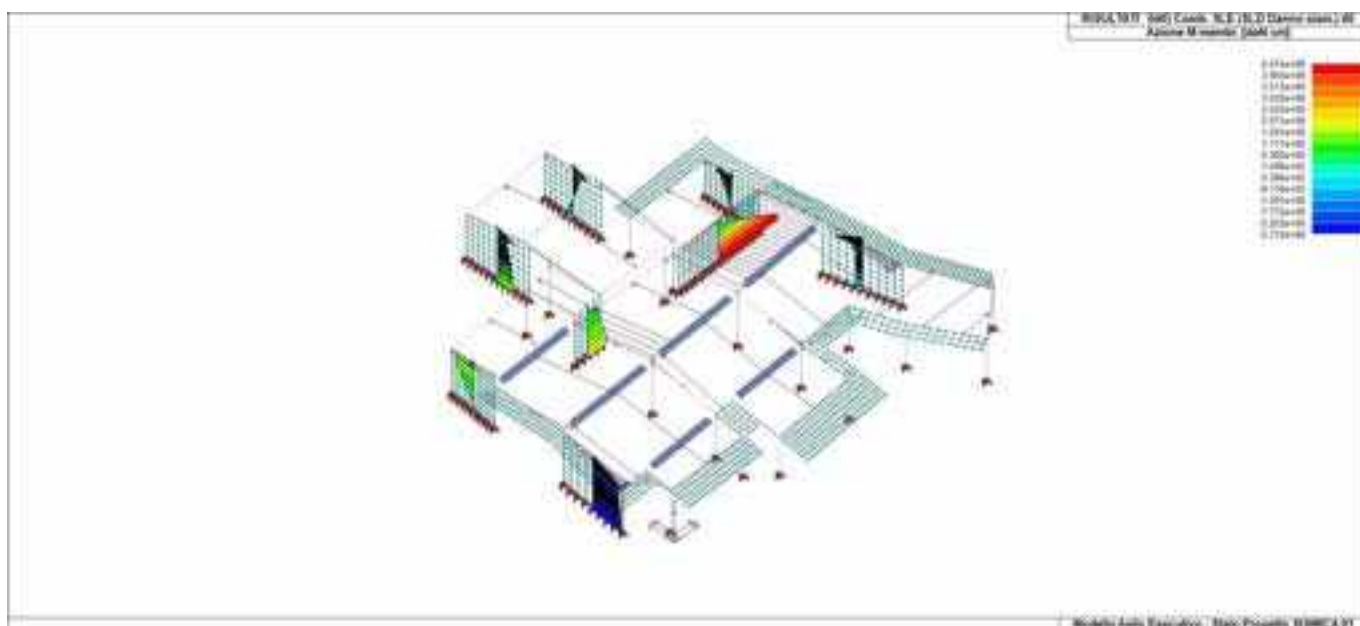
8	33	162.50	-9406.50	2.326e+04	35.12	-2.394e+06	-5048.31	3448.38
8	33	203.12	-1.020e+04	2.322e+04	2.34	-1.918e+06	-1763.91	3413.72
8	33	243.75	-1.071e+04	2.317e+04	-9.68	-1.517e+06	-2645.32	1371.80
8	33	284.38	-1.117e+04	2.285e+04	-147.63	-1.094e+06	-2256.49	766.37
8	33	325.00	-1.136e+04	2.283e+04	154.94	-8.549e+05	1.324e+04	1.754e+04
8	36	0.0	-2.851e+04	-2.464e+04	9.82	4.421e+06	-2.482e+04	-3077.09
8	36	40.62	-2.866e+04	-2.456e+04	9.82	4.343e+06	-2.039e+04	-9891.83
8	36	81.25	-2.623e+04	-2.477e+04	98.29	3.734e+06	-1.710e+04	-1.448e+04
8	36	121.88	-2.371e+04	-2.478e+04	139.56	3.102e+06	-1.158e+04	-1.858e+04
8	36	162.50	-2.140e+04	-2.482e+04	128.65	2.452e+06	-5890.47	-2.110e+04
8	36	203.12	-1.886e+04	-2.487e+04	114.60	1.704e+06	-3277.46	-2.292e+04
8	36	243.75	-1.672e+04	-2.493e+04	80.87	9.923e+05	3047.45	-2.180e+04
8	36	284.38	-1.477e+04	-2.482e+04	192.83	2.089e+05	1.151e+04	-1.957e+04
8	36	325.00	-1.169e+04	-2.277e+04	-221.97	-5.984e+05	2.486e+04	-284.07
8	39	0.0	-2.540e+04	-2.143e+04	216.01	4.241e+06	-4.916e+04	-3794.53
8	39	40.62	-2.555e+04	-2.134e+04	216.01	4.163e+06	-4.474e+04	-1.215e+04
8	39	81.25	-2.347e+04	-2.152e+04	235.67	3.580e+06	-3.387e+04	-2.019e+04
8	39	121.88	-2.130e+04	-2.153e+04	257.01	2.970e+06	-2.259e+04	-2.639e+04
8	39	162.50	-1.967e+04	-2.156e+04	228.77	2.431e+06	-1.234e+04	-2.987e+04
8	39	203.12	-1.765e+04	-2.160e+04	192.66	1.744e+06	514.56	-3.155e+04
8	39	243.75	-1.580e+04	-2.190e+04	152.85	1.032e+06	7321.63	-2.972e+04
8	39	284.38	-1.413e+04	-2.232e+04	124.44	2.486e+05	1.578e+04	-2.359e+04
8	39	325.00	-1.146e+04	-2.008e+04	-212.50	-6.130e+05	3.056e+04	-1560.77
8	40	0.0	-2.849e+04	-2.478e+04	11.35	4.479e+06	-2.492e+04	-3004.88
8	40	40.62	-2.863e+04	-2.469e+04	11.35	4.395e+06	-2.049e+04	-9706.65
8	40	81.25	-2.621e+04	-2.491e+04	97.40	3.781e+06	-1.729e+04	-1.422e+04
8	40	121.88	-2.368e+04	-2.492e+04	138.69	3.143e+06	-1.187e+04	-1.833e+04
8	40	162.50	-2.106e+04	-2.496e+04	129.23	2.399e+06	-5996.77	-2.093e+04
8	40	203.12	-1.878e+04	-2.501e+04	116.65	1.715e+06	-3556.60	-2.287e+04
8	40	243.75	-1.664e+04	-2.481e+04	72.62	9.971e+05	2563.21	-2.185e+04
8	40	284.38	-1.471e+04	-2.469e+04	198.15	2.080e+05	1.115e+04	-1.944e+04
8	40	325.00	-1.166e+04	-2.263e+04	-220.85	-5.993e+05	2.486e+04	140.29
8	65	0.0	-8723.56	2.090e+04	191.44	-3.250e+06	-1.782e+04	2181.84
8	65	40.62	-8871.97	2.099e+04	191.44	-3.329e+06	-1.398e+04	2912.38
8	65	81.25	-9128.32	2.124e+04	113.87	-2.941e+06	-8916.97	2402.83
8	65	121.88	-9568.43	2.125e+04	60.86	-2.557e+06	-6505.93	2688.19
8	65	162.50	-9910.27	2.124e+04	39.01	-2.190e+06	-5081.43	2420.14
8	65	203.12	-1.056e+04	2.120e+04	7.02	-1.766e+06	-1828.79	2310.16
8	65	243.75	-1.096e+04	2.115e+04	-5.90	-1.412e+06	-2407.27	401.62
8	65	284.38	-1.133e+04	2.085e+04	-133.31	-1.039e+06	-1679.66	-85.87
8	65	325.00	-1.138e+04	2.091e+04	139.08	-8.441e+05	1.372e+04	1.680e+04
8	68	0.0	-2.764e+04	-2.264e+04	17.89	4.085e+06	-2.452e+04	-2846.83
8	68	40.62	-2.779e+04	-2.256e+04	17.89	4.007e+06	-2.012e+04	-9331.31
8	68	81.25	-2.548e+04	-2.275e+04	99.05	3.441e+06	-1.674e+04	-1.374e+04
8	68	121.88	-2.309e+04	-2.277e+04	136.16	2.854e+06	-1.136e+04	-1.765e+04
8	68	162.50	-2.089e+04	-2.280e+04	124.77	2.249e+06	-5857.34	-2.007e+04
8	68	203.12	-1.850e+04	-2.285e+04	109.92	1.552e+06	-3212.58	-2.182e+04
8	68	243.75	-1.647e+04	-2.291e+04	77.09	8.870e+05	2809.40	-2.083e+04
8	68	284.38	-1.462e+04	-2.282e+04	178.51	1.542e+05	1.093e+04	-1.872e+04
8	68	325.00	-1.168e+04	-2.085e+04	-206.11	-6.092e+05	2.438e+04	463.77
8	71	0.0	-2.480e+04	-1.970e+04	206.63	3.920e+06	-4.681e+04	-3503.54
8	71	40.62	-2.494e+04	-1.962e+04	206.62	3.842e+06	-4.240e+04	-1.139e+04
8	71	81.25	-2.295e+04	-1.978e+04	224.79	3.301e+06	-3.210e+04	-1.897e+04
8	71	121.88	-2.088e+04	-1.979e+04	243.66	2.733e+06	-2.144e+04	-2.480e+04
8	71	162.50	-1.932e+04	-1.982e+04	216.41	2.229e+06	-1.176e+04	-2.810e+04
8	71	203.12	-1.739e+04	-1.986e+04	181.37	1.589e+06	255.44	-2.971e+04
8	71	243.75	-1.562e+04	-2.013e+04	142.99	9.231e+05	6719.13	-2.808e+04
8	71	284.38	-1.403e+04	-2.053e+04	115.90	1.906e+05	1.484e+04	-2.240e+04
8	71	325.00	-1.147e+04	-1.840e+04	-197.43	-6.225e+05	2.959e+04	-705.21
8	72	0.0	-2.762e+04	-2.277e+04	19.29	4.133e+06	-2.461e+04	-2780.72
8	72	40.62	-2.777e+04	-2.268e+04	19.29	4.055e+06	-2.021e+04	-9161.76
8	72	81.25	-2.546e+04	-2.288e+04	98.24	3.485e+06	-1.692e+04	-1.350e+04
8	72	121.88	-2.307e+04	-2.289e+04	135.37	2.892e+06	-1.163e+04	-1.742e+04
8	72	162.50	-2.059e+04	-2.293e+04	125.30	2.200e+06	-5954.98	-1.992e+04
8	72	203.12	-1.842e+04	-2.298e+04	111.80	1.562e+06	-3467.69	-2.177e+04
8	72	243.75	-1.640e+04	-2.280e+04	69.54	8.913e+05	2366.30	-2.088e+04
8	72	284.38	-1.456e+04	-2.270e+04	183.38	1.534e+05	1.061e+04	-1.860e+04
8	72	325.00	-1.165e+04	-2.073e+04	-205.08	-6.100e+05	2.437e+04	852.21

M_S		N memb.	V memb.	V orto	M memb.	M orto	T
		-4.003e+04	-5.155e+04	-431.70	-8.052e+06	-8.054e+04	-5.564e+04
		3508.45	4.964e+04	433.67	8.920e+06	4.334e+04	2.725e+04



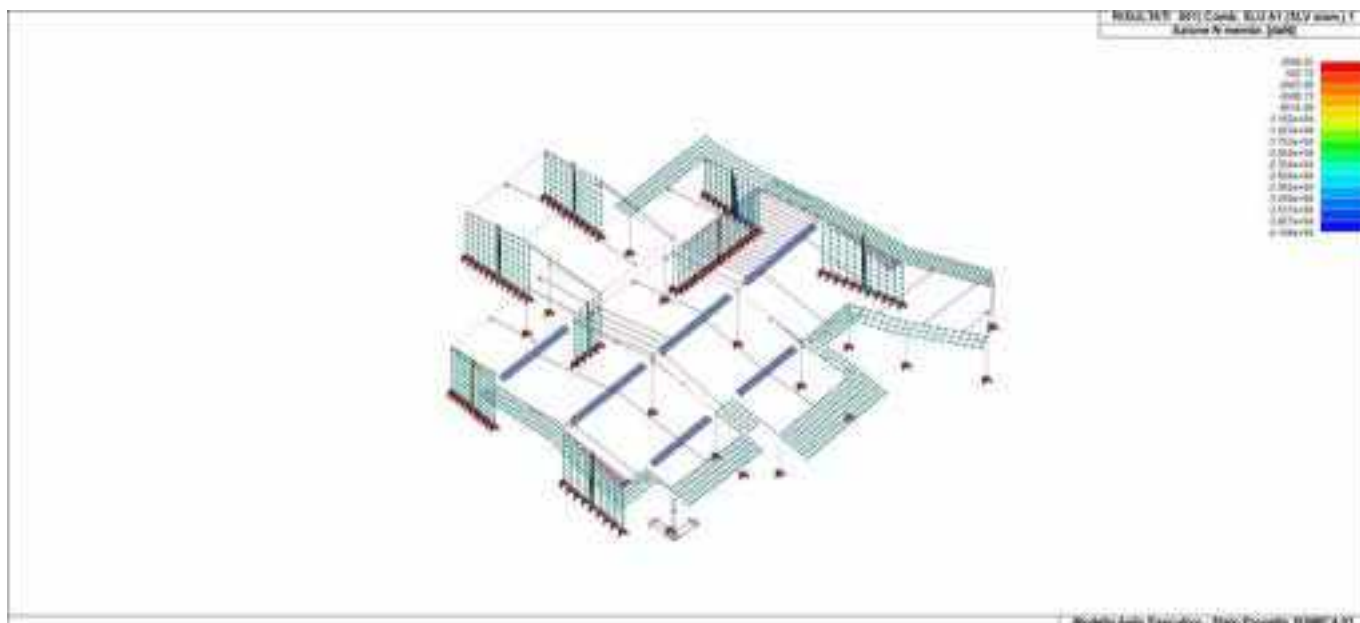


47\_RIS\_M\_037\_Comb SLE SLD Danno sism 37

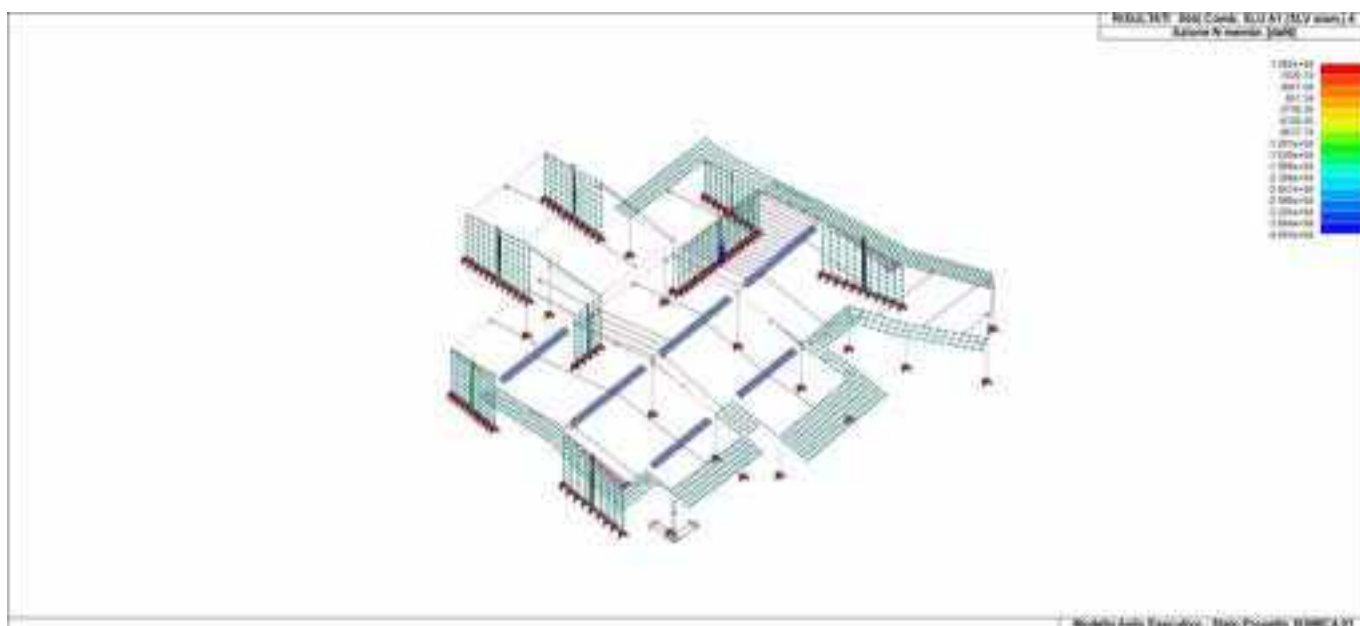


47\_RIS\_M\_040\_Comb SLE SLD Danno sism 40



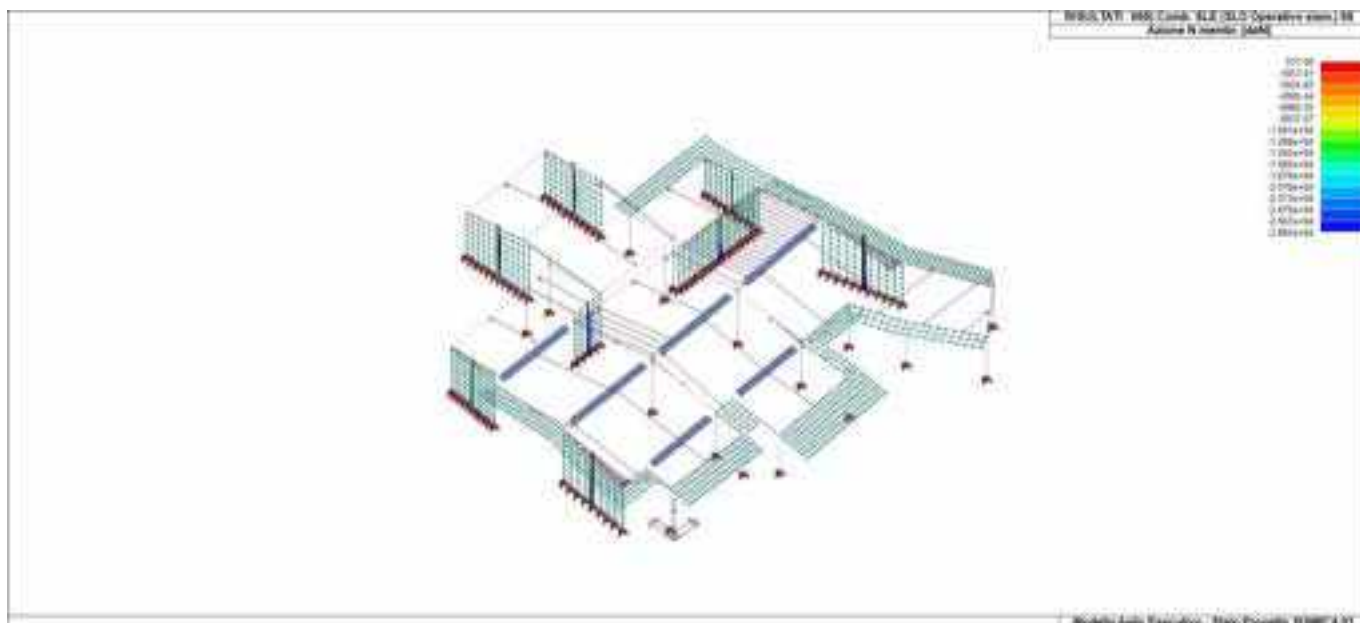


47\_RIS\_N\_001\_Comb SLU A1 SLV sism 1

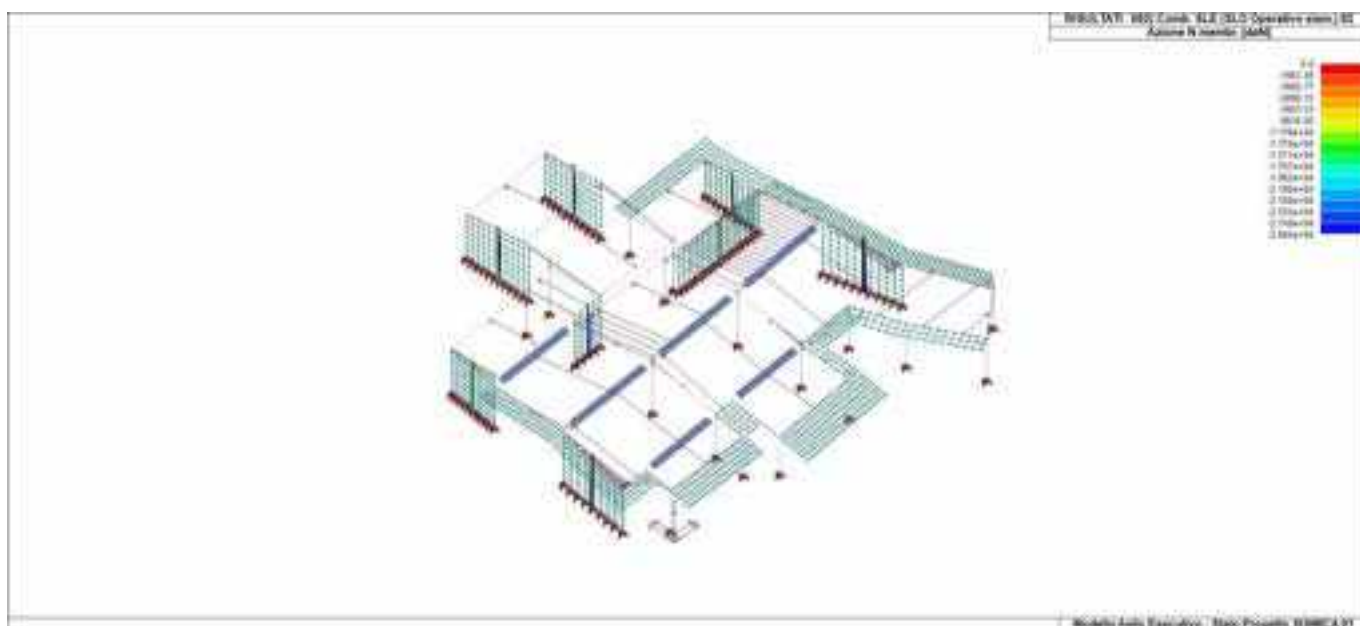


47\_RIS\_N\_004\_Comb SLU A1 SLV sism 4

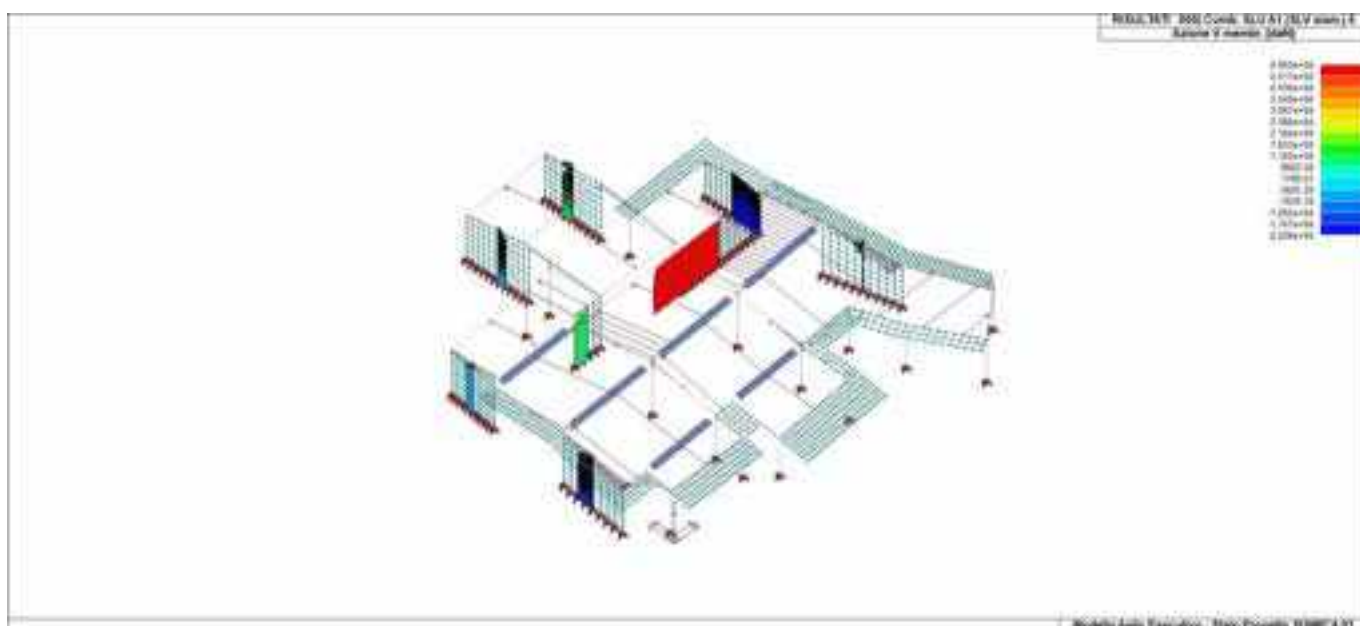




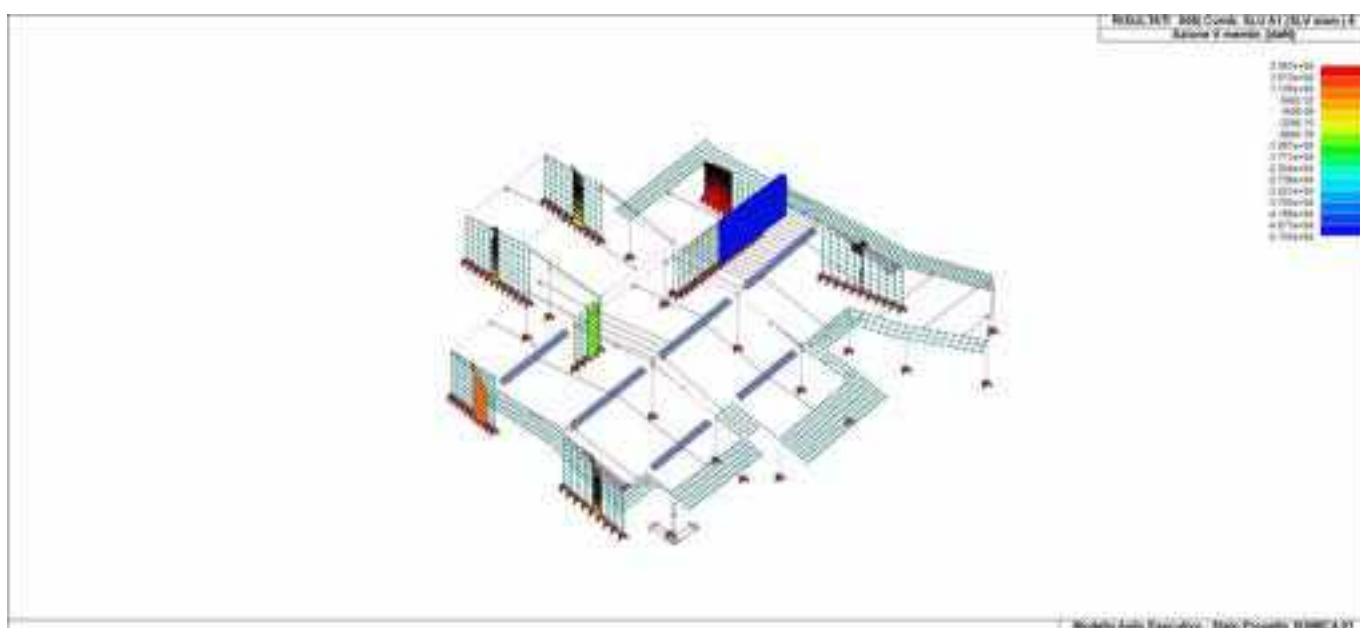
47\_RIS\_N\_068\_Comb SLE SLO Operativo sism 68



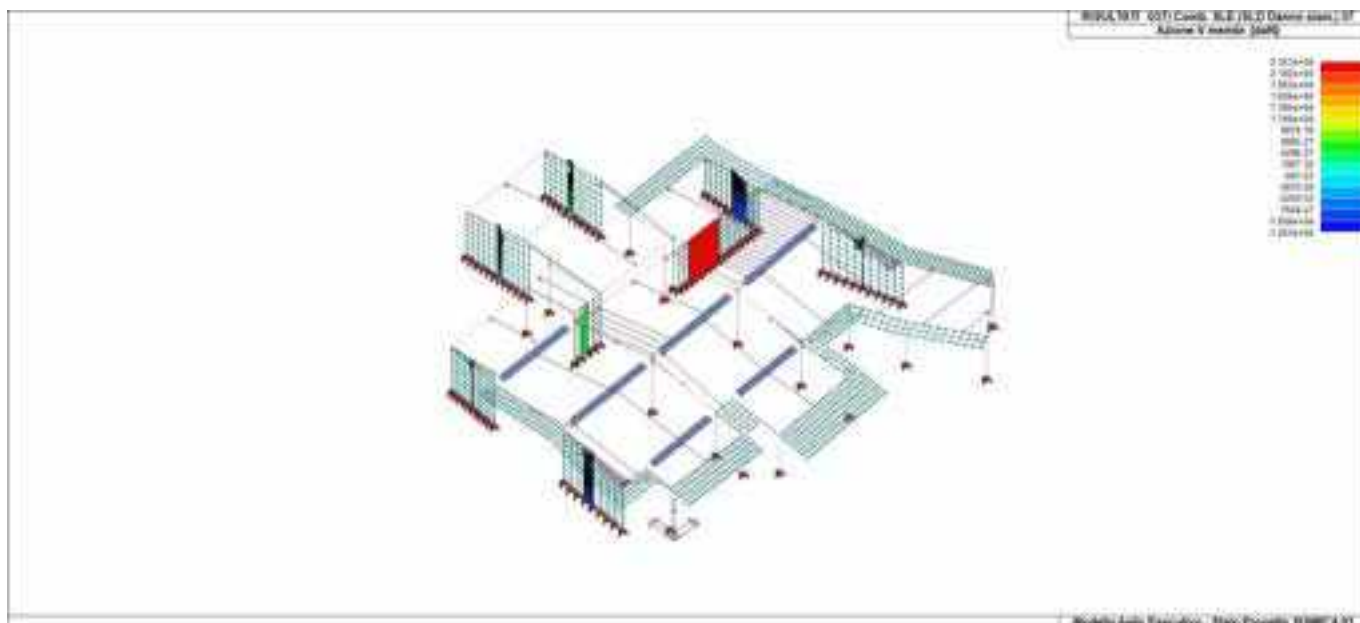
47\_RIS\_N\_082\_Comb SLE SLO Operativo sism 82



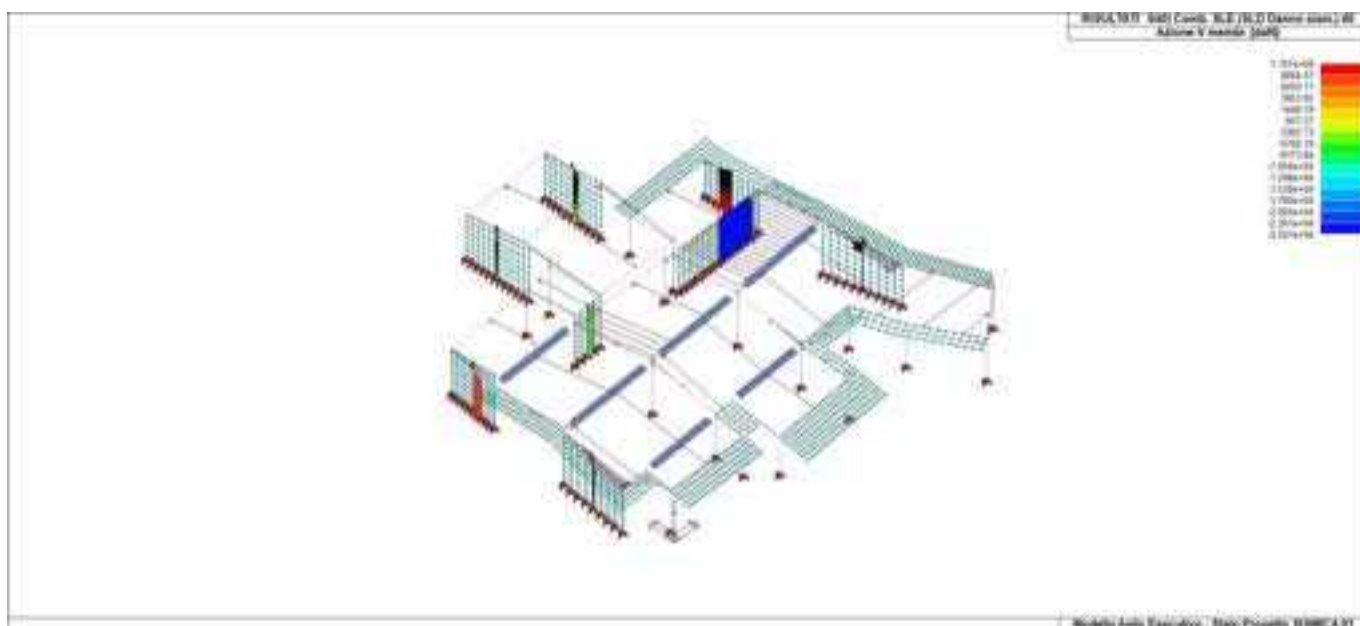
47\_RIS\_V\_005\_Comb SLU A1 SLV sism 5



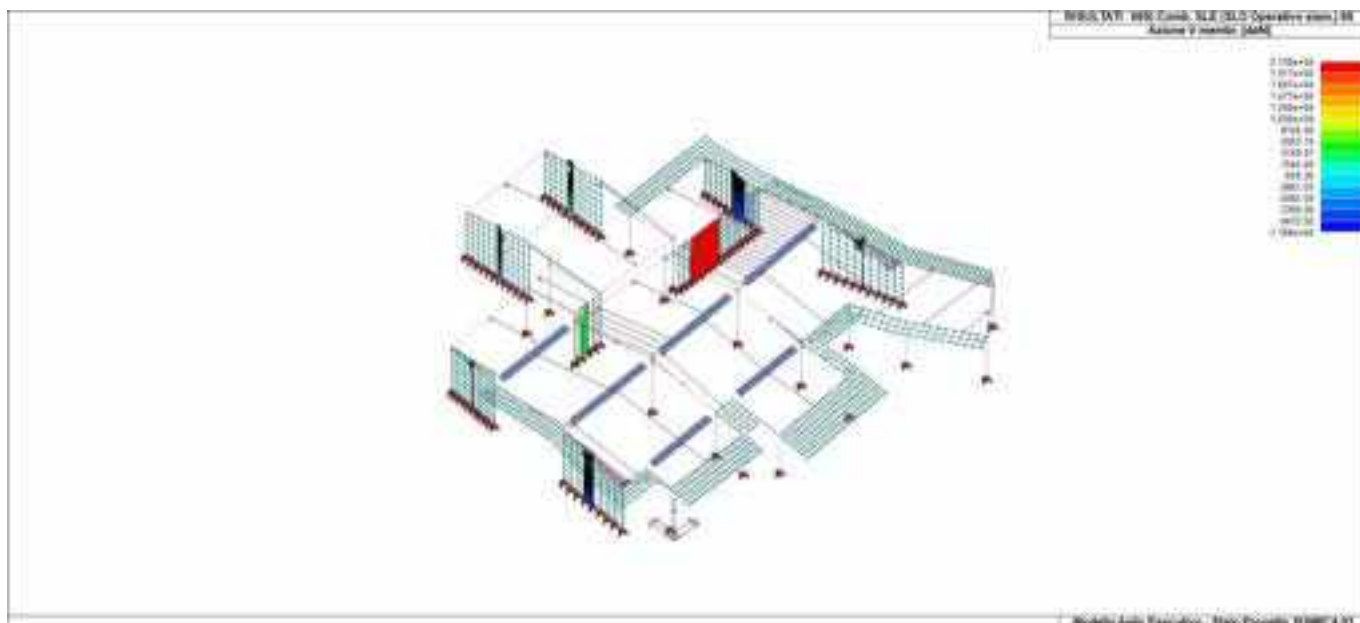
47\_RIS\_V\_008\_Comb SLU A1 SLV sism 8



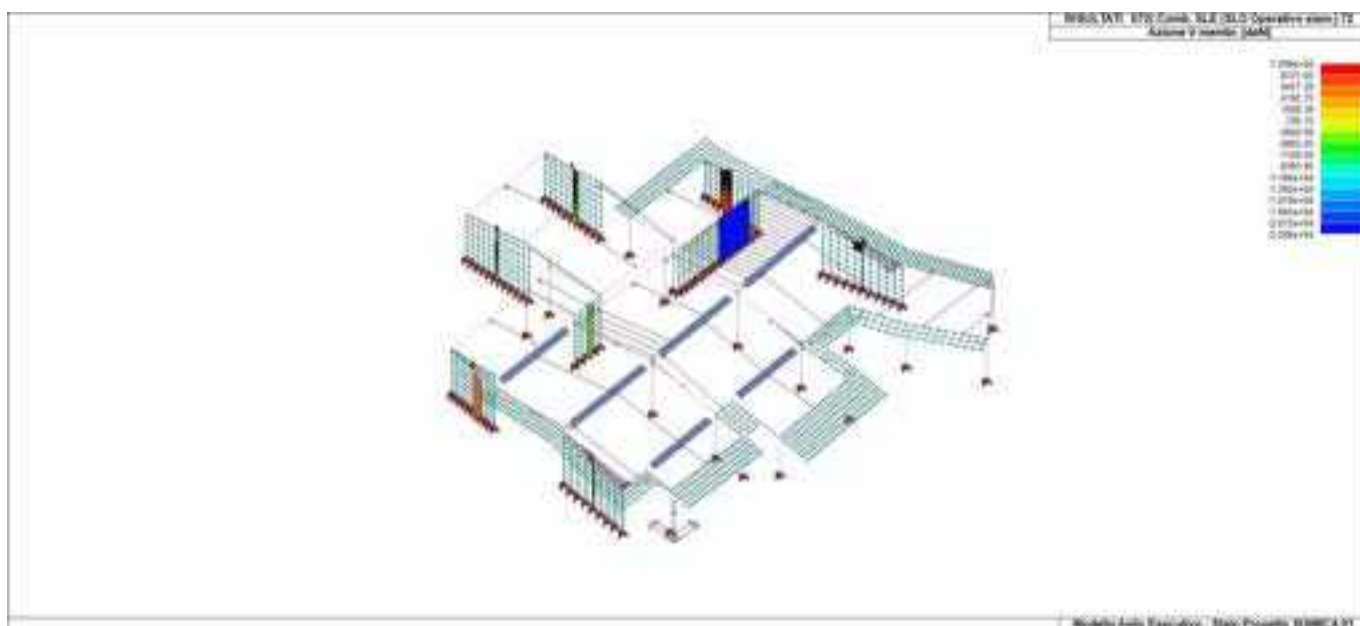
47\_RIS\_V\_037\_Comb SLE SLD Danno sism 37



47\_RIS\_V\_040\_Comb SLE SLD Danno sism 40



47\_RIS\_V\_069\_Comb SLE SLO Operativo sism 69



47\_RIS\_V\_072\_Comb SLE SLO Operativo sism 72

Macro	Tipo	Angolo 1-X (gradi)
9	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
9	13	28	285.13	-54.41	240.53	-9.81	114.70	4506.84	1493.71	4118.60	1881.94	1009.49
9	13	36	156.33	-59.51	151.95	-55.12	-30.45	1729.24	566.38	913.67	1381.94	532.20
9	13	38	133.38	-1.57	42.95	88.86	-63.45	6745.86	315.46	4690.81	2370.50	-2998.59
9	13	72	2.03	-112.45	-16.14	-94.27	41.84	113.38	-372.44	-182.41	-76.65	-237.08
9	13	87	11.68	-71.08	-6.37	-53.04	34.17	49.82	-86.35	-31.83	-4.70	-66.72

9	13	96	25.37	-45.42	1.01	-21.06	33.63	60.18	-70.95	-5.05	-5.71	-65.57
9	13	105	36.04	-32.11	0.88	3.05	34.06	61.89	-108.22	-37.76	-8.57	-83.79
9	13	114	50.91	-21.24	1.85	27.81	33.66	55.56	-182.07	-105.33	-21.18	-111.11
9	13	123	68.76	-15.22	2.28	51.26	34.11	43.51	-299.80	-214.05	-42.24	-148.62
9	13	132	90.66	-10.82	3.38	76.46	35.20	10.34	-544.48	-458.61	-75.53	-200.67
9	13	141	119.85	-4.33	7.96	107.56	37.09	-31.90	-887.16	-813.13	-105.93	-240.49
9	13	150	177.79	-30.22	-22.77	170.34	38.65	-98.93	-2095.16	-2093.52	-100.57	-57.23
9	13	854	-1.22	-192.72	-1.59	-192.35	8.45	56.17	-6.01	-4.87	55.02	8.37
9	13	855	-5.91	-60.64	-6.37	-60.18	4.99	447.50	-145.23	-26.30	328.57	-237.38
9	13	856	-3.31	-183.07	-3.74	-182.64	8.74	71.97	-16.41	4.56	50.99	-37.60
9	13	857	-3.84	-162.31	-4.42	-161.72	9.62	69.22	-74.69	9.65	-15.12	-70.88
9	13	858	-2.23	-146.75	-2.69	-146.29	8.14	69.05	-140.95	17.71	-89.61	-90.25
9	13	859	-1.92	-138.00	-2.35	-137.57	7.62	73.43	-203.74	18.18	-148.49	-110.72
9	13	860	-2.24	-131.38	-2.68	-130.94	7.51	94.07	-267.64	19.40	-192.98	-146.40
9	13	861	-2.37	-125.35	-2.86	-124.86	7.73	123.78	-326.61	22.11	-224.93	-188.30
9	13	862	-1.16	-119.54	-1.68	-119.02	7.88	162.93	-357.11	24.30	-218.49	-229.95
9	13	863	-0.79	-112.22	-1.39	-111.62	8.16	224.97	-313.05	23.01	-111.09	-260.52
9	13	864	-1.68	-89.26	-2.52	-88.42	8.53	346.22	-216.13	25.88	104.20	-278.44
9	13	865	23.41	-40.95	-18.99	1.44	30.52	752.77	115.32	180.76	687.32	-193.48
9	13	866	10.57	-41.65	-7.49	-23.59	24.84	737.41	-99.43	115.80	522.18	-365.77
9	13	867	18.74	-128.72	18.72	-128.69	-1.89	168.22	-71.20	-68.93	165.96	23.19
9	13	868	71.45	-94.70	70.19	-93.43	-14.44	446.56	-57.32	-49.70	438.95	-61.46
9	13	869	36.38	7.90	14.12	30.16	11.77	976.80	-583.16	145.17	248.48	-778.26
9	13	870	33.06	-10.93	2.89	19.24	20.42	406.62	-769.65	-241.04	-122.00	-585.12
9	13	871	25.13	-18.23	-1.08	7.98	21.20	261.85	-663.33	-261.32	-140.16	-458.61
9	13	872	17.30	-27.09	-1.59	-8.20	21.95	198.38	-496.23	-182.09	-115.76	-345.72
9	13	873	12.14	-39.61	-1.62	-25.84	22.87	145.03	-361.38	-128.95	-87.40	-252.35
9	13	874	8.92	-54.77	-1.96	-43.89	23.97	108.09	-250.91	-80.72	-62.10	-179.26
9	13	875	6.76	-70.45	-2.55	-61.15	25.14	87.10	-162.74	-36.74	-38.90	-124.92
9	13	876	1.65	-85.01	-7.73	-75.63	26.93	111.41	-104.64	18.01	-11.24	-107.03
9	13	877	16.07	-91.64	8.29	-83.86	27.89	310.60	40.54	111.92	239.23	-119.08
9	13	878	8.18	-37.60	2.54	-31.95	15.05	657.81	-440.26	57.91	159.64	-546.67
9	13	879	4.16	-44.85	2.18	-42.87	9.64	433.15	-588.61	-39.81	-115.66	-509.47
9	13	880	1.48	-56.03	7.89e-02	-54.62	8.88	324.48	-597.75	-73.78	-199.48	-456.81
9	13	881	0.86	-68.17	-0.48	-66.83	9.54	234.67	-507.60	-79.91	-193.02	-366.80
9	13	882	0.89	-80.68	-0.45	-79.34	10.37	165.38	-393.89	-68.12	-160.39	-275.80
9	13	883	0.97	-93.43	-0.46	-92.00	11.54	117.03	-286.77	-48.38	-121.36	-198.57
9	13	884	0.20	-105.93	-1.45	-104.29	13.10	99.08	-198.55	-26.00	-73.46	-146.91
9	13	885	-1.28	-117.86	-3.47	-115.67	15.82	113.98	-124.57	-8.22	-2.37	-119.24
9	13	886	4.48	-127.97	2.92	-126.41	14.29	139.44	-64.64	-36.21	111.01	-70.67
9	13	887	41.38	-53.07	6.14	-17.84	-45.68	349.55	-123.30	205.54	20.71	217.62
9	13	888	27.82	-62.54	-1.72	-33.00	-42.39	178.20	-316.22	59.47	-197.50	211.20
9	13	889	17.58	-66.57	1.93	-50.92	-32.74	131.61	-435.38	21.75	-325.53	224.10
9	13	890	15.98	-79.67	1.37	-65.05	-34.41	135.21	-467.85	24.28	-356.92	233.64
9	13	891	10.69	-90.28	1.23	-80.83	-29.41	170.39	-424.04	43.36	-297.02	243.66
9	13	892	4.18	-102.53	-3.92	-94.43	-28.27	268.55	-343.48	128.04	-202.97	257.40
9	13	893	-7.20	-114.14	-12.83	-108.50	-23.88	510.86	-155.19	345.59	10.07	287.68
9	13	894	-21.70	-122.80	-26.02	-118.48	-20.45	1023.10	160.50	844.81	338.80	349.30
9	13	895	1.79	-137.35	1.49	-137.05	6.42	2344.75	750.76	2130.42	965.09	543.79
9	13	896	-6.25	-158.36	-6.31	-158.30	3.12	58.04	-69.04	-2.81	-8.20	63.48
9	13	897	-2.03	-96.40	-2.23	-96.20	-4.29	37.16	-243.75	-3.24	-203.35	98.58
9	13	898	-2.36	-38.78	-2.48	-38.66	-2.14	20.40	-371.07	-1.48	-349.19	89.93
9	13	899	14.57	-1.91	-0.41	13.07	-4.73	18.36	-391.24	-7.26	-365.62	99.18
9	13	900	61.01	-1.17	-0.72	60.57	-5.24	20.43	-306.09	-3.95	-281.71	85.82
9	13	901	107.30	7.78e-02	0.67	106.70	-7.97	22.26	-161.50	-9.44	-129.79	69.43
9	13	902	145.56	0.82	1.42	144.96	-9.34	159.09	-12.34	-10.03	156.78	19.75
9	13	903	163.63	0.92	1.42	163.12	-9.08	539.10	-16.80	-5.76	528.07	-77.54
9	13	904	169.25	5.40	9.32	165.33	-25.03	582.84	-17.21	66.44	499.19	-207.84
9	13	905	-22.52	-139.51	-45.52	-116.51	46.50	3078.45	1143.70	2891.69	1330.46	571.37
9	13	906	-2.30	-119.48	-11.82	-109.96	-32.02	1743.51	501.07	1555.14	689.44	445.60
9	13	907	-12.55	-116.94	-17.26	-112.24	-21.66	631.12	-69.52	462.96	98.64	299.24
9	13	908	-1.84	-109.97	-8.86	-102.94	-26.65	406.37	-231.19	251.60	-76.42	273.35
9	13	909	8.80	-95.36	-1.30	-85.26	-30.82	196.99	-406.62	68.51	-278.14	247.07
9	13	910	13.33	-87.31	1.20	-75.19	-32.76	155.82	-441.37	34.87	-320.41	240.01
9	13	911	18.44	-74.61	-0.48	-55.68	-37.46	128.62	-461.07	21.67	-354.13	227.22
9	13	912	20.83	-67.15	-0.94	-45.39	-37.96	142.31	-403.77	31.14	-292.60	219.89
9	13	913	41.52	-60.98	2.27	-21.72	-49.83	273.97	-192.18	142.77	-60.98	209.64
9	13	914	80.97	-54.07	27.33	-0.43	-66.08	580.31	8.36	409.56	179.11	261.74
9	13	915	0.30	-182.79	8.68e-02	-182.57	6.31	108.66	-53.40	-5.71	60.97	73.85
9	13	916	-0.19	-125.64	-0.25	-125.57	-2.85	41.22	-158.83	-16.50	-101.11	90.64
9	13	917	-2.18	-66.70	-2.32	-66.56	-2.94	31.28	-317.94	1.58	-288.23	97.42
9	13	918	-0.11	-12.94	-1.01	-12.04	-3.28	13.38	-403.60	-7.93	-382.29	91.82
9	13	919	37.45	-1.39	-0.67	36.73	-5.26	25.13	-351.40	-2.19	-324.08	97.67
9	13	920	84.86	-0.44	0.20	84.22	-7.36	16.34	-244.14	-9.13	-218.67	77.36
9	13	921	127.96	0.27	0.87	127.36	-8.71	43.56	-54.00	-8.32	-2.11	48.68
9	13	922	157.71	0.98	1.56	157.14	-9.47	340.70	-8.07	-7.07	339.70	-18.62
9	13	923	161.12	-0.40	-3.09e-02	160.75	-7.76	701.16	-42.51	-10.36	669.01	-151.25

9	13	924	77.07	10.95	11.83	76.18	7.61	696.89	123.47	253.74	566.62	-240.27
9	13	925	65.89	11.89	37.65	40.14	26.97	1124.01	702.02	860.88	965.14	-204.45
9	13	926	176.30	-128.90	165.70	-118.30	55.88	2896.83	1986.96	2895.38	1988.42	36.34
9	13	927	9.39e-02	-119.34	-2.21	-117.03	-16.44	204.11	-209.53	-17.55	12.13	206.28
9	13	928	34.30	-78.95	4.05	-48.70	-50.10	318.44	-225.14	109.81	-16.51	264.35
9	13	929	11.73	-109.60	5.53	-103.41	-26.70	185.55	-278.28	-16.04	-76.69	229.92
9	13	930	41.10	-8.26	1.21	31.63	-19.43	115.68	-380.91	2.55	-267.78	208.28
9	13	931	83.55	-4.32	-1.24	80.46	-16.18	158.78	103.88	123.77	138.89	26.38
9	13	932	8.31	-45.16	1.01	-37.86	-18.36	104.01	-458.89	-13.91	-340.96	229.07
9	13	933	13.31	-34.26	1.76	-22.72	-20.40	101.60	-474.89	-11.96	-361.33	229.28
9	13	934	90.80	-3.87	-2.64	89.57	-10.73	352.26	146.70	179.98	318.98	-75.73
9	13	935	74.70	-4.60	0.27	69.82	-19.05	142.35	-85.07	74.20	-16.92	104.19
9	13	936	94.54	-4.30	-4.11	94.35	-4.30	623.20	129.17	244.91	507.47	-209.24
9	13	937	53.47	-6.06	1.66	45.75	-20.00	122.02	-325.08	16.99	-220.04	189.55
9	13	938	26.76	-16.51	1.37	8.88	-21.31	113.07	-432.92	-4.21	-315.64	224.23
9	13	939	7.45	-68.43	0.45	-61.43	-21.96	124.68	-412.11	-10.74	-326.69	233.14
9	13	940	18.47	-25.68	1.64	-8.86	-21.44	107.27	-463.67	-9.32	-347.08	230.16
9	13	941	8.55	-90.77	1.60	-83.81	-25.34	156.30	-344.05	-8.95	-178.80	235.32
9	13	942	62.63	-5.74	1.20	55.69	-20.65	132.83	-230.57	42.26	-140.00	157.20
9	13	943	-7.67	-50.21	-21.20	-36.68	-19.81	740.32	220.77	700.95	260.13	137.49
9	13	944	2.37	-59.13	-12.53	-44.23	-26.36	502.04	-10.51	426.04	65.50	182.15
9	13	945	9.91	-62.03	-5.73	-46.39	-29.67	345.10	-184.41	246.52	-85.82	206.11
9	13	946	15.79	-63.16	-1.79	-45.57	-32.85	242.00	-315.10	132.74	-205.84	221.20
9	13	947	24.63	-66.43	0.21	-42.01	-40.34	122.39	-473.91	8.48	-360.00	234.41
9	13	948	21.41	-69.01	0.67	-48.27	-38.01	126.75	-475.73	12.64	-361.62	236.07
9	13	949	23.29	-77.11	-3.19	-50.63	-44.24	200.90	-332.45	51.04	-182.59	239.73
9	13	950	21.39	-73.81	-2.11	-50.32	-41.04	145.31	-417.61	19.27	-291.56	234.66
9	13	951	20.64	-62.59	0.57	-42.53	-35.60	180.46	-396.10	65.74	-281.38	230.17
9	13	952	20.57	-66.20	1.06	-46.69	-36.22	145.33	-441.51	27.23	-323.41	235.28
9	13	953	40.22	-96.65	23.73	-80.16	-44.55	501.84	-154.40	81.38	266.06	314.86
9	13	954	16.15	-123.69	12.96	-120.50	-20.87	254.37	-188.32	-47.38	113.43	206.23
9	13	955	93.77	0.27	0.31	93.73	1.88	869.81	89.80	302.60	657.02	-347.42
9	13	956	28.59	-25.28	24.88	-21.57	13.65	1821.00	848.80	1820.99	848.81	3.47
9	13	957	32.83	-16.19	-11.01	27.64	-15.08	462.48	264.95	459.03	268.40	-25.89
9	13	958	18.69	-86.29	6.84e-02	-67.67	-40.10	177.52	-339.83	16.79	-179.10	239.42
9	13	959	18.91	-73.70	-4.31e-02	-54.74	-37.36	130.95	-418.36	3.17	-290.58	232.08
9	13	960	26.60	-42.49	1.92	-17.82	-33.10	124.94	-430.93	14.79	-320.78	221.57
9	13	961	32.88	-24.25	-2.46	11.09	-27.75	240.61	-123.09	182.36	-64.84	133.39
9	13	962	31.93	-29.31	9.15e-02	2.53	-30.59	185.78	-273.31	100.57	-188.09	178.50
9	13	963	22.93	-51.67	1.56	-30.30	-33.73	110.05	-471.80	0.38	-362.13	227.57
9	13	964	35.91	-12.07	-11.71	35.54	-4.19	744.31	404.48	671.16	477.64	-139.67
9	13	965	20.81	-103.79	7.22	-90.19	-38.84	245.55	-255.25	11.01	-20.71	249.90
9	13	966	32.94	-19.85	-6.62	19.71	-22.88	316.48	68.96	297.26	88.17	66.23
9	13	967	-22.85	-29.61	-28.37	-24.09	-2.61	1131.26	488.51	1118.96	500.80	88.03
9	13	968	47.61	-11.00	-10.88	47.49	2.61	1154.08	514.33	915.95	752.45	-309.25
9	13	969	30.29	-31.41	1.60	-2.71	-30.78	142.73	-371.43	41.42	-270.12	204.52
9	13	970	19.05	-59.25	1.09	-41.29	-32.92	106.19	-473.85	-6.15	-361.51	229.23
9	45	28	299.29	-27.52	249.58	22.19	117.37	4507.55	1470.26	4106.51	1871.30	1028.23
9	45	36	112.21	-22.84	109.57	-20.21	-18.67	1762.77	532.04	899.56	1395.25	563.25
9	45	38	154.31	7.22	59.65	101.88	-70.45	6631.77	372.50	4600.13	2404.14	-2930.70
9	45	72	-0.46	-41.37	-12.26	-29.57	18.53	82.69	-380.71	-239.48	-58.54	-213.31
9	45	87	6.95	-25.74	-2.75	-16.04	14.93	17.49	-100.08	-71.18	-11.41	-50.62
9	45	96	15.93	-15.99	0.33	-0.38	15.96	28.62	-76.36	-36.08	-11.65	-51.05
9	45	105	24.97	-11.65	0.21	13.10	17.14	35.72	-111.12	-58.58	-16.82	-70.39
9	45	114	36.82	-8.05	0.73	28.04	17.80	32.68	-183.47	-120.50	-30.29	-98.22
9	45	123	50.98	-6.21	1.10	43.68	19.09	20.89	-302.10	-228.52	-52.69	-135.47
9	45	132	68.68	-4.68	2.08	61.92	21.22	-8.00	-518.89	-439.52	-87.36	-185.06
9	45	141	93.24	-1.23	5.39	86.62	24.11	-59.61	-863.13	-794.70	-128.04	-224.28
9	45	150	146.67	-25.30	-21.51	142.88	25.26	-99.99	-2048.68	-2048.60	-100.07	-12.70
9	45	854	-1.19	-112.34	-1.36	-112.17	4.41	118.51	-4.92	-2.07	115.66	18.54
9	45	855	-3.67	-62.49	-3.79	-62.37	2.66	422.42	-137.41	-28.49	313.50	-221.61
9	45	856	-1.74	-111.59	-1.96	-111.37	4.90	88.66	0.51	4.18	84.99	-17.59
9	45	857	-1.81	-100.45	-2.09	-100.17	5.26	45.16	-50.72	7.68	-13.25	-46.78
9	45	858	-1.03	-92.52	-1.24	-92.31	4.40	43.33	-132.50	12.73	-101.90	-66.66
9	45	859	-0.90	-89.35	-1.09	-89.16	4.07	52.76	-201.13	13.95	-162.32	-91.36
9	45	860	-1.06	-88.25	-1.25	-88.07	4.00	73.97	-265.32	15.99	-207.33	-127.72
9	45	861	-1.14	-88.38	-1.33	-88.19	4.08	103.28	-324.17	19.29	-240.18	-169.85
9	45	862	-0.60	-89.68	-0.79	-89.49	4.12	140.92	-354.17	22.51	-235.75	-211.20
9	45	863	-0.54	-90.81	-0.75	-90.60	4.35	198.76	-308.18	21.89	-131.31	-241.62
9	45	864	-1.21	-81.43	-1.54	-81.10	5.12	317.22	-209.54	22.07	85.62	-261.46
9	45	865	22.59	-27.58	-3.91	-1.07	25.05	701.34	80.55	131.17	650.72	-169.89
9	45	866	10.11	-34.26	-2.31	-21.84	19.91	698.11	-94.62	108.78	494.70	-346.23
9	45	867	12.90	-69.66	12.35	-69.12	-6.68	220.61	-72.02	-67.76	216.35	35.03
9	45	868	46.73	-49.54	44.61	-47.43	-14.11	475.11	-67.34	-63.70	471.48	-44.24
9	45	869	28.19	15.31	15.63	27.87	2.00	950.86	-554.33	164.01	232.51	-751.81
9	45	870	25.45	-1.30	2.33	21.82	9.16	380.83	-747.19	-225.05	-141.31	-562.46
9	45	871	16.98	-6.04	-0.86	11.81	9.61	237.66	-646.77	-255.25	-153.87	-439.30

9	45	872	9.57	-10.32	-1.25	0.50	9.91	169.50	-489.69	-193.50	-126.69	-327.90
9	45	873	5.53	-17.07	-1.24	-10.30	10.35	116.32	-354.97	-141.14	-97.52	-234.63
9	45	874	3.54	-25.34	-1.46	-20.34	10.93	76.30	-245.64	-97.28	-72.06	-160.47
9	45	875	2.28	-33.26	-1.95	-29.03	11.50	51.89	-159.29	-60.13	-47.27	-105.39
9	45	876	-0.19	-39.48	-4.51	-35.16	12.29	73.83	-91.80	-10.65	-7.31	-82.80
9	45	877	12.01	-42.60	7.89	-38.48	14.42	298.62	37.93	80.32	256.24	-96.19
9	45	878	5.95	-30.43	3.67	-28.16	8.81	622.05	-434.43	52.82	134.80	-526.65
9	45	879	2.07	-33.01	1.84	-32.78	2.82	405.51	-575.92	-35.29	-135.12	-488.17
9	45	880	7.38e-02	-38.47	-5.75e-02	-38.34	2.25	295.16	-588.44	-77.99	-215.30	-436.43
9	45	881	-0.22	-44.24	-0.43	-44.04	3.01	206.53	-498.23	-85.42	-206.28	-347.16
9	45	882	-9.35e-02	-50.04	-0.40	-49.74	3.88	137.18	-384.15	-74.33	-172.64	-255.99
9	45	883	-1.62e-02	-55.87	-0.45	-55.44	4.90	87.13	-277.02	-56.59	-133.31	-177.99
9	45	884	-0.42	-61.53	-1.06	-60.89	6.22	65.01	-185.18	-36.16	-84.02	-122.78
9	45	885	-0.90	-66.79	-1.94	-65.74	8.23	84.17	-104.41	-18.42	-1.83	-93.93
9	45	886	3.24	-70.95	2.63	-70.34	6.70	153.04	-51.62	-39.37	140.79	-48.55
9	45	887	32.87	-37.39	4.36	-8.88	-34.50	330.52	-122.81	182.37	25.34	212.63
9	45	888	22.37	-45.42	-1.37	-21.67	-32.34	162.74	-310.72	44.64	-192.62	204.86
9	45	889	15.34	-50.20	0.83	-35.69	-27.21	122.16	-425.53	15.63	-319.00	216.79
9	45	890	13.33	-59.86	0.78	-47.32	-27.58	124.57	-467.04	19.68	-362.15	225.95
9	45	891	8.63	-68.39	0.21	-59.97	-24.03	162.27	-433.18	46.41	-317.32	235.72
9	45	892	2.84	-78.01	-4.10	-71.07	-22.64	261.54	-344.91	130.94	-214.30	249.29
9	45	893	-8.11	-87.20	-12.75	-82.56	-18.58	504.60	-155.90	350.05	-1.35	279.64
9	45	894	-20.74	-93.86	-24.56	-90.04	-16.27	1020.83	159.71	852.07	328.48	341.83
9	45	895	7.31	-107.47	6.15	-106.30	11.49	2349.55	749.74	2142.24	957.05	537.29
9	45	896	-2.92	-78.02	-2.95	-77.99	1.39	64.51	-48.28	-1.89	18.12	55.50
9	45	897	-0.66	-28.63	-1.00	-28.29	-3.07	32.73	-230.25	-3.05	-194.47	90.16
9	45	898	17.50	-1.39	-1.07	17.17	-2.45	16.92	-360.37	-1.55	-341.90	81.41
9	45	899	58.55	-0.43	-9.11e-02	58.20	-4.47	14.79	-392.57	-6.69	-371.10	91.04
9	45	900	97.27	-0.48	-0.20	97.00	-5.15	15.58	-322.65	-3.47	-303.60	77.98
9	45	901	134.56	0.15	0.53	134.17	-7.22	15.51	-165.99	-8.46	-142.01	61.46
9	45	902	164.68	0.61	1.02	164.26	-8.24	142.86	-10.90	-9.96	141.92	12.02
9	45	903	174.53	0.69	1.04	174.18	-7.80	511.76	-22.92	-11.06	499.89	-78.76
9	45	904	176.25	4.64	7.92	172.97	-23.52	515.53	-25.38	48.25	441.90	-185.49
9	45	905	-7.87	-114.30	-37.46	-84.71	47.69	3085.60	1139.99	2904.54	1321.05	565.23
9	45	906	0.56	-90.16	-9.09	-80.52	-27.96	1746.29	499.67	1565.43	680.53	439.04
9	45	907	-12.96	-89.29	-16.97	-85.27	-17.04	625.26	-70.48	467.47	87.30	291.34
9	45	908	-2.92	-84.13	-8.96	-78.09	-21.31	399.15	-232.33	254.76	-87.94	265.20
9	45	909	7.13	-71.93	-1.43	-63.38	-24.56	187.81	-412.68	69.25	-294.12	239.04
9	45	910	11.21	-66.06	0.55	-55.41	-26.64	145.73	-450.45	34.75	-339.47	232.05
9	45	911	15.52	-55.16	-0.21	-39.44	-29.39	118.94	-450.46	15.25	-346.77	219.74
9	45	912	17.99	-49.69	-0.63	-31.06	-30.23	130.38	-395.33	21.88	-286.83	212.76
9	45	913	31.03	-42.38	1.24	-12.59	-36.05	253.97	-191.07	119.63	-56.73	204.30
9	45	914	54.18	-36.52	14.80	2.86	-44.95	556.95	-7.46	381.73	167.77	261.14
9	45	915	-4.53e-02	-99.41	-0.13	-99.32	2.89	144.15	-33.08	-1.66	112.73	67.68
9	45	916	4.40e-02	-52.29	-3.18e-02	-52.21	-1.99	39.20	-140.88	-14.39	-87.29	82.34
9	45	917	0.36	-6.20	-1.00	-4.84	-2.66	26.80	-306.69	1.34	-281.23	88.57
9	45	918	38.39	-0.71	-0.40	38.08	-3.46	11.02	-392.00	-7.14	-373.85	83.58
9	45	919	77.92	-0.53	-0.21	77.59	-5.04	19.86	-366.73	-2.17	-344.70	89.62
9	45	920	116.38	-0.15	0.24	115.99	-6.71	11.37	-255.43	-8.17	-235.88	69.52
9	45	921	151.16	0.27	0.67	150.75	-7.84	29.39	-52.49	-7.95	-15.14	40.79
9	45	922	172.97	0.75	1.14	172.58	-8.24	322.66	-11.74	-9.64	320.56	-26.44
9	45	923	169.18	-0.22	6.28e-02	168.90	-6.87	652.07	-48.92	-20.58	623.72	-138.09
9	45	924	89.96	10.39	11.30	89.05	8.48	636.10	113.23	231.39	517.94	-218.68
9	45	925	77.92	14.25	36.84	55.33	30.46	1069.20	689.91	832.54	926.57	-183.73
9	45	926	183.29	-107.41	170.49	-94.61	59.65	2873.91	1959.62	2869.84	1963.68	60.82
9	45	927	3.07	-60.07	-0.57	-56.43	-14.72	207.38	-193.36	-18.38	32.39	198.76
9	45	928	31.31	-50.03	2.75	-21.47	-38.83	304.25	-219.69	93.32	-8.76	256.95
9	45	929	12.01	-53.51	3.22	-44.72	-22.33	184.95	-261.47	-13.69	-62.82	221.85
9	45	930	68.66	-3.44	1.10	64.11	-17.52	104.13	-390.53	3.03	-289.44	199.47
9	45	931	103.34	-3.13	-1.35	101.56	-13.67	141.65	106.10	122.94	124.80	17.75
9	45	932	21.29	-12.58	0.97	7.74	-16.60	97.63	-445.50	-14.21	-333.66	219.62
9	45	933	30.50	-9.37	1.34	19.79	-17.67	94.41	-466.36	-12.22	-359.73	220.06
9	45	934	108.78	-3.27	-2.63	108.14	-8.45	344.00	134.29	176.77	301.52	-84.29
9	45	935	96.58	-2.84	5.52e-03	93.74	-16.58	131.21	-86.08	74.69	-29.56	95.32
9	45	936	110.68	-3.61	-3.56	110.63	-2.33	603.32	116.24	237.28	482.28	-210.49
9	45	937	79.38	-2.82	1.19	75.37	-17.71	111.62	-330.79	17.95	-237.11	180.74
9	45	938	51.89	-5.80	1.23	44.86	-18.86	101.63	-441.82	-4.22	-335.97	215.22
9	45	939	14.69	-25.72	0.64	-11.68	-19.25	117.00	-398.77	-11.89	-269.88	223.30
9	45	940	39.77	-7.85	1.38	30.54	-18.82	97.33	-466.15	-9.71	-359.11	221.04
9	45	941	12.36	-41.02	1.21	-29.87	-21.70	150.05	-329.31	-9.23	-170.03	225.79
9	45	942	86.37	-3.02	0.84	82.51	-18.17	123.16	-231.95	43.30	-152.09	148.26
9	45	943	-0.49	-31.93	-20.63	-11.79	-15.09	737.76	213.89	703.89	247.76	128.83
9	45	944	5.83	-37.39	-12.53	-19.03	-21.36	497.50	-13.96	429.79	53.74	173.33
9	45	945	11.76	-39.28	-6.05	-21.47	-24.33	338.37	-186.68	249.22	-97.52	197.14
9	45	946	17.49	-40.00	-2.03	-20.48	-27.23	234.82	-317.07	135.11	-217.36	212.34
9	45	947	25.46	-42.98	0.55	-18.07	-32.93	112.80	-462.40	3.16	-352.76	225.93
9	45	948	22.83	-43.94	0.89	-21.99	-31.37	116.11	-474.00	9.09	-366.97	227.38

9	45	949	24.53	-49.42	-1.72	-23.16	-35.39	186.63	-323.13	40.14	-176.64	230.68
9	45	950	23.02	-47.46	-0.93	-23.51	-33.38	133.61	-407.02	11.93	-285.34	225.79
9	45	951	22.01	-39.85	0.26	-18.10	-29.54	170.92	-402.99	66.27	-298.34	221.61
9	45	952	21.93	-42.11	0.95	-21.13	-30.06	134.60	-450.63	27.04	-343.08	226.66
9	45	953	36.02	-55.80	18.11	-37.89	-36.38	508.92	-149.98	69.62	289.32	310.59
9	45	954	12.90	-66.45	7.96	-61.51	-19.16	272.80	-169.94	-45.88	148.74	198.84
9	45	955	108.01	1.94	2.02	107.93	2.99	824.80	78.98	286.12	617.66	-334.04
9	45	956	38.54	-3.59	30.73	4.22	16.37	1817.68	832.83	1817.67	832.84	2.75
9	45	957	51.21	-12.69	-10.77	49.28	-10.91	461.93	248.11	456.03	254.02	-35.03
9	45	958	21.97	-48.25	0.25	-26.53	-32.45	167.16	-327.02	12.32	-172.18	229.22
9	45	959	23.64	-39.87	0.32	-16.55	-30.61	120.71	-405.60	-0.76	-284.13	221.75
9	45	960	35.72	-21.26	1.58	12.89	-27.92	113.64	-439.85	14.64	-340.84	212.13
9	45	961	46.51	-13.65	-2.84	35.70	-23.10	233.64	-126.19	184.33	-76.87	123.74
9	45	962	44.11	-15.31	-0.30	29.09	-25.82	177.80	-275.30	102.25	-199.75	168.90
9	45	963	30.72	-26.08	1.45	3.18	-28.38	100.32	-469.09	-1.21	-367.56	217.95
9	45	964	55.43	-10.77	-10.77	55.43	-0.49	742.04	379.58	662.92	458.70	-149.72
9	45	965	20.94	-57.02	4.47	-40.55	-31.83	244.19	-239.01	10.46	-5.28	241.47
9	45	966	48.90	-12.83	-6.74	42.81	-18.41	311.74	61.85	298.14	75.45	56.69
9	45	967	0.62	-26.99	-26.85	0.49	1.91	1131.28	478.30	1121.35	488.24	79.95
9	45	968	65.28	-7.67	-7.29	64.89	5.30	1119.82	499.30	897.05	722.07	-297.67
9	45	969	42.88	-15.40	1.24	26.25	-26.32	132.93	-377.91	42.59	-287.57	194.90
9	45	970	26.39	-29.40	1.15	-4.17	-27.77	98.09	-460.14	-8.12	-353.93	219.12
9	77	28	300.39	-25.50	250.27	24.62	117.57	4507.62	1468.53	4105.59	1870.55	1029.64
9	77	36	108.86	-20.06	106.36	-17.56	-17.77	1765.36	529.46	898.50	1396.31	565.61
9	77	38	155.90	7.88	60.93	102.85	-70.98	6623.11	376.71	4593.29	2406.52	-2925.56
9	77	72	-0.39	-36.25	-11.96	-24.68	16.77	80.75	-381.62	-243.72	-57.16	-211.53
9	77	87	6.65	-22.37	-2.48	-13.25	13.47	15.35	-101.38	-74.13	-11.90	-49.38
9	77	96	15.35	-13.90	0.28	1.17	14.61	26.38	-76.90	-38.41	-12.10	-49.94
9	77	105	24.28	-10.26	0.16	13.85	15.85	33.78	-111.35	-60.13	-17.44	-69.36
9	77	114	35.87	-7.18	0.64	28.06	16.60	30.97	-183.56	-121.61	-30.98	-97.22
9	77	123	49.72	-5.61	1.01	43.10	17.95	19.19	-302.26	-229.59	-53.48	-134.45
9	77	132	67.07	-4.26	1.98	60.82	20.16	-9.39	-516.95	-438.10	-88.25	-183.86
9	77	141	91.26	-1.02	5.20	85.05	23.13	-61.70	-861.32	-793.33	-129.70	-223.04
9	77	150	144.38	-24.96	-21.41	140.84	24.24	-100.07	-2045.27	-2045.23	-100.11	-9.31
9	77	854	-1.19	-106.25	-1.35	-106.09	4.10	123.24	-4.84	-1.86	120.26	19.31
9	77	855	-3.49	-62.62	-3.59	-62.52	2.48	420.52	-136.81	-28.66	312.37	-220.41
9	77	856	-1.62	-106.16	-1.82	-105.96	4.61	90.57	1.16	4.15	87.57	-16.08
9	77	857	-1.65	-95.76	-1.91	-95.50	4.93	43.34	-48.89	7.54	-13.08	-44.95
9	77	858	-0.94	-88.41	-1.13	-88.21	4.12	41.51	-131.96	12.36	-102.81	-64.86
9	77	859	-0.82	-85.66	-0.99	-85.49	3.80	51.27	-201.00	13.63	-163.36	-89.88
9	77	860	-0.97	-84.98	-1.14	-84.81	3.73	72.50	-265.18	15.73	-208.41	-126.28
9	77	861	-1.04	-85.58	-1.21	-85.41	3.81	101.76	-324.00	19.08	-241.31	-168.43
9	77	862	-0.55	-87.42	-0.72	-87.25	3.84	139.29	-353.95	22.37	-237.03	-209.76
9	77	863	-0.51	-89.21	-0.70	-89.02	4.06	196.81	-307.79	21.81	-132.78	-240.17
9	77	864	-1.17	-80.85	-1.47	-80.55	4.86	315.04	-209.01	21.78	84.26	-260.16
9	77	865	22.64	-26.66	-2.76	-1.26	24.64	697.62	77.87	127.43	648.06	-168.10
9	77	866	10.09	-33.72	-1.91	-21.71	19.54	695.19	-94.22	108.26	492.71	-344.74
9	77	867	12.52	-65.24	11.87	-64.60	-7.05	224.59	-72.10	-67.68	220.18	35.92
9	77	868	44.91	-46.17	42.68	-43.94	-14.08	477.36	-68.13	-64.73	473.96	-42.94
9	77	869	27.82	15.61	15.74	27.69	1.26	948.92	-552.13	165.43	231.35	-749.80
9	77	870	25.04	-0.75	2.29	22.01	8.31	378.89	-745.49	-223.86	-142.73	-560.72
9	77	871	16.49	-5.25	-0.85	12.09	8.73	235.82	-645.50	-254.79	-154.89	-437.82
9	77	872	9.04	-9.11	-1.22	1.16	8.99	167.30	-489.16	-194.34	-127.52	-326.53
9	77	873	5.03	-15.37	-1.21	-9.13	9.40	114.13	-354.46	-142.04	-98.28	-233.27
9	77	874	3.13	-23.11	-1.42	-18.55	9.94	73.89	-245.21	-98.51	-72.81	-159.03
9	77	875	1.93	-30.44	-1.90	-26.60	10.47	49.24	-159.02	-61.88	-47.90	-103.89
9	77	876	-0.33	-36.02	-4.27	-32.09	11.18	71.10	-90.92	-12.79	-7.03	-80.96
9	77	877	11.71	-38.88	7.87	-35.04	13.40	298.07	37.41	77.96	257.52	-94.48
9	77	878	5.82	-29.93	3.76	-27.87	8.34	619.38	-433.93	52.44	133.01	-525.11
9	77	879	1.97	-32.17	1.81	-32.02	2.30	403.44	-574.93	-34.95	-136.53	-486.54
9	77	880	1.37e-02	-37.18	-6.82e-02	-37.10	1.74	292.94	-587.71	-78.30	-216.47	-434.87
9	77	881	-0.27	-42.46	-0.42	-42.31	2.52	204.39	-497.50	-85.83	-207.28	-345.65
9	77	882	-0.15	-47.74	-0.39	-47.49	3.39	135.04	-383.39	-74.80	-173.56	-254.47
9	77	883	-8.10e-02	-53.03	-0.45	-52.67	4.40	84.85	-276.26	-57.20	-134.21	-176.40
9	77	884	-0.46	-58.17	-1.03	-57.60	5.70	62.43	-184.15	-36.92	-84.80	-120.94
9	77	885	-0.87	-62.91	-1.83	-61.95	7.65	81.94	-102.89	-19.17	-1.77	-92.01
9	77	886	3.15	-66.63	2.61	-66.09	6.12	154.38	-50.94	-39.61	143.05	-46.88
9	77	887	32.23	-36.21	4.23	-8.20	-33.65	329.12	-122.83	180.64	25.66	212.27
9	77	888	21.97	-44.13	-1.35	-20.81	-31.58	161.60	-310.34	43.53	-192.27	204.40
9	77	889	15.19	-48.97	0.75	-34.53	-26.80	121.47	-424.82	15.19	-318.54	216.25
9	77	890	13.13	-58.36	0.74	-45.97	-27.07	123.80	-466.97	19.35	-362.52	225.38
9	77	891	8.48	-66.74	0.13	-58.39	-23.63	161.69	-433.85	46.61	-318.78	235.14
9	77	892	2.74	-76.15	-4.11	-69.30	-22.22	261.03	-345.03	131.14	-215.14	248.70
9	77	893	-8.18	-85.16	-12.74	-80.59	-18.18	504.16	-155.98	350.38	-2.20	279.05
9	77	894	-20.67	-91.67	-24.45	-87.88	-15.95	1020.69	159.62	852.61	327.70	341.28
9	77	895	7.76	-105.23	6.50	-103.97	11.87	2349.90	749.66	2143.10	956.46	536.82
9	77	896	-2.67	-71.92	-2.69	-71.90	1.26	65.16	-46.85	-1.82	20.13	54.92

9	77	897	-0.52	-23.53	-0.91	-23.14	-2.98	32.41	-229.25	-3.03	-193.81	89.54
9	77	898	21.68	-1.23	-0.96	21.41	-2.47	16.67	-359.61	-1.56	-341.38	80.78
9	77	899	61.95	-0.39	-6.64e-02	61.63	-4.45	14.55	-392.68	-6.64	-371.49	90.44
9	77	900	100.03	-0.43	-0.16	99.77	-5.14	15.27	-323.87	-3.43	-305.17	77.40
9	77	901	136.63	0.15	0.52	136.26	-7.16	15.06	-166.36	-8.39	-142.90	60.87
9	77	902	166.13	0.59	1.00	165.73	-8.15	141.66	-10.82	-9.96	140.79	11.46
9	77	903	175.36	0.67	1.01	175.02	-7.70	509.66	-23.39	-11.46	497.73	-78.84
9	77	904	176.79	4.58	7.82	173.55	-23.40	510.38	-26.00	46.86	437.51	-183.78
9	77	905	-6.67	-112.48	-36.85	-82.30	47.78	3086.13	1139.72	2905.48	1320.38	564.79
9	77	906	0.79	-87.96	-8.88	-78.29	-27.66	1746.52	499.54	1566.19	679.87	438.57
9	77	907	-12.99	-87.19	-16.95	-83.22	-16.69	624.84	-70.59	467.80	86.44	290.77
9	77	908	-2.99	-82.17	-8.97	-76.20	-20.91	398.63	-232.44	254.99	-88.80	264.60
9	77	909	7.00	-70.16	-1.44	-61.72	-24.09	187.16	-413.13	69.30	-295.27	238.45
9	77	910	11.05	-64.45	0.50	-53.90	-26.18	145.01	-451.11	34.74	-340.83	231.46
9	77	911	15.30	-53.69	-0.19	-38.21	-28.78	118.23	-449.69	14.78	-346.25	219.20
9	77	912	17.78	-48.37	-0.61	-29.97	-29.64	129.49	-394.72	21.19	-286.41	212.24
9	77	913	30.24	-40.97	1.17	-11.90	-35.01	252.50	-191.04	117.89	-56.43	203.92
9	77	914	52.16	-35.20	13.85	3.11	-43.35	555.22	-8.64	379.65	166.93	261.10
9	77	915	-7.21e-02	-93.08	-0.15	-93.01	2.63	147.12	-31.81	-1.36	116.67	67.24
9	77	916	6.41e-02	-46.72	-1.53e-02	-46.65	-1.93	39.07	-139.54	-14.23	-86.24	81.72
9	77	917	2.13	-3.19	-0.90	-0.16	-2.64	26.48	-305.88	1.32	-280.72	87.91
9	77	918	42.17	-0.64	-0.36	41.88	-3.48	10.84	-391.17	-7.08	-373.25	82.98
9	77	919	81.01	-0.48	-0.17	80.69	-5.03	19.51	-367.85	-2.17	-346.17	89.03
9	77	920	118.78	-0.13	0.24	118.41	-6.66	11.05	-256.28	-8.10	-237.13	68.94
9	77	921	152.92	0.26	0.66	152.53	-7.78	28.40	-52.44	-7.93	-16.11	40.21
9	77	922	174.13	0.73	1.11	173.75	-8.15	321.29	-12.03	-9.83	319.09	-27.00
9	77	923	169.80	-0.20	7.06e-02	169.52	-6.80	648.31	-49.42	-21.35	620.25	-137.08
9	77	924	90.94	10.35	11.27	90.03	8.54	631.45	112.44	229.68	514.21	-217.03
9	77	925	78.90	14.37	36.78	56.49	30.72	1065.01	688.97	830.37	923.61	-182.15
9	77	926	183.84	-105.79	170.85	-92.81	59.94	2872.20	1957.47	2867.89	1961.79	62.68
9	77	927	3.41	-55.69	-0.44	-51.84	-14.59	207.68	-192.18	-18.44	33.94	198.21
9	77	928	31.17	-47.92	2.65	-19.40	-37.97	303.22	-219.32	92.09	-8.19	256.41
9	77	929	12.26	-49.48	3.04	-40.27	-22.00	184.94	-260.22	-13.51	-61.77	221.27
9	77	930	70.91	-3.23	1.10	66.58	-17.38	103.32	-391.25	3.07	-291.00	198.82
9	77	931	104.87	-3.07	-1.36	103.16	-13.48	140.44	106.18	122.88	123.74	17.12
9	77	932	23.33	-11.16	0.97	11.20	-16.46	97.15	-444.53	-14.23	-333.14	218.93
9	77	933	32.72	-8.40	1.31	23.01	-17.46	93.88	-465.74	-12.24	-359.62	219.38
9	77	934	110.16	-3.23	-2.63	109.55	-8.28	343.39	133.33	176.53	300.18	-84.90
9	77	935	98.29	-2.75	-1.46e-02	95.55	-16.40	130.43	-86.20	74.73	-30.50	94.68
9	77	936	111.91	-3.56	-3.52	111.87	-2.18	601.80	115.25	236.70	480.35	-210.57
9	77	937	81.45	-2.67	1.15	77.62	-17.53	110.89	-331.22	18.02	-238.35	180.10
9	77	938	54.18	-5.37	1.22	47.60	-18.68	100.82	-442.47	-4.22	-337.43	214.55
9	77	939	15.89	-23.14	0.66	-7.90	-19.04	116.43	-397.79	-11.97	-269.39	222.57
9	77	940	42.06	-7.16	1.36	33.53	-18.63	96.62	-466.33	-9.74	-359.97	220.36
9	77	941	13.01	-37.61	1.18	-25.78	-21.42	149.59	-328.22	-9.25	-169.38	225.09
9	77	942	88.25	-2.89	0.81	84.55	-17.98	122.47	-232.07	43.37	-152.98	147.61
9	77	943	0.42	-30.92	-20.59	-9.90	-14.73	737.60	213.33	704.11	246.82	128.20
9	77	944	6.29	-35.93	-12.53	-17.12	-20.98	497.18	-14.26	430.07	52.86	172.69
9	77	945	12.03	-37.69	-6.07	-19.58	-23.93	337.90	-186.88	249.41	-98.39	196.48
9	77	946	17.73	-38.36	-2.05	-18.58	-26.80	234.31	-317.24	135.27	-218.20	211.69
9	77	947	25.61	-41.29	0.58	-16.25	-32.37	112.09	-461.57	2.77	-352.24	225.31
9	77	948	23.04	-42.13	0.90	-20.00	-30.86	115.34	-473.86	8.83	-367.36	226.74
9	77	949	24.71	-47.40	-1.61	-21.08	-34.72	185.57	-322.45	39.32	-176.21	230.02
9	77	950	23.23	-45.55	-0.84	-21.48	-32.80	132.74	-406.25	11.39	-284.89	225.13
9	77	951	22.22	-38.23	0.23	-16.24	-29.08	170.25	-403.50	66.30	-299.56	220.98
9	77	952	22.13	-40.38	0.94	-19.19	-29.59	133.84	-451.30	27.03	-344.49	226.03
9	77	953	35.82	-52.82	17.69	-34.68	-35.76	509.51	-149.68	68.75	291.08	310.28
9	77	954	12.77	-62.22	7.58	-57.03	-19.04	274.29	-168.63	-45.77	151.43	198.30
9	77	955	109.10	2.06	2.15	109.01	3.07	821.36	78.15	284.86	614.64	-333.02
9	77	956	39.43	-2.08	31.17	6.18	16.57	1817.41	831.62	1817.40	831.62	2.71
9	77	957	52.70	-12.53	-10.76	50.93	-10.60	461.90	246.82	455.80	252.92	-35.69
9	77	958	22.43	-45.58	0.26	-23.41	-31.88	166.39	-326.07	11.99	-171.67	228.47
9	77	959	24.25	-37.56	0.35	-13.65	-30.10	119.95	-404.66	-1.05	-283.67	220.99
9	77	960	36.75	-19.98	1.55	15.22	-27.53	112.85	-440.50	14.63	-342.28	211.43
9	77	961	47.79	-13.08	-2.87	37.57	-22.75	233.16	-126.45	184.47	-77.77	123.04
9	77	962	45.31	-14.53	-0.32	31.11	-25.46	177.24	-275.47	102.37	-200.60	168.20
9	77	963	31.65	-24.48	1.44	5.72	-27.98	99.61	-468.88	-1.33	-367.95	217.24
9	77	964	56.94	-10.70	-10.70	56.94	-0.21	741.83	377.70	662.29	457.24	-150.46
9	77	965	21.17	-53.69	4.26	-36.78	-31.30	244.12	-237.81	10.42	-4.11	240.86
9	77	966	50.29	-12.47	-6.74	44.57	-18.07	311.44	61.26	298.20	74.49	55.99
9	77	967	2.53	-26.91	-26.74	2.36	2.25	1131.29	477.50	1121.51	487.28	79.37
9	77	968	66.62	-7.43	-7.01	66.21	5.50	1117.21	498.13	895.60	719.73	-296.78
9	77	969	44.16	-14.51	1.21	28.45	-25.98	132.24	-378.39	42.68	-288.83	194.20
9	77	970	27.31	-27.50	1.16	-1.35	-27.38	97.49	-459.15	-8.27	-353.39	218.37

<b>M_G</b>		<b>N max</b>	<b>N min</b>	<b>N 1</b>	<b>N 2</b>	<b>N 1-2</b>	<b>M max</b>	<b>M min</b>	<b>M 1</b>	<b>M 2</b>	<b>M 1-2</b>
			-192.72	-45.52	-192.35	-70.98		-2095.16	-2093.52	-382.29	-2998.59

300.39                      250.27                      175.02                      117.57                      6745.86                      4690.81                      2406.52                      1029.64

Macro	Tipo	Angolo 1-X (gradi)
10	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
10	6	28	339.23	-373.73	321.32	-355.82	111.57	7440.76	481.91	7039.55	883.12	-1622.04
10	6	46	74.85	-65.38	-65.35	74.82	-2.03	1771.50	217.01	1391.68	596.84	667.96
10	6	589	43.35	23.85	25.19	42.02	-4.92	263.96	-15.86	-2.34	250.44	-60.01
10	6	604	16.56	11.20	13.61	14.15	2.67	46.55	-62.23	-26.75	11.07	-51.00
10	6	613	13.57	3.61	8.69	8.48	4.98	36.21	-71.25	-10.85	-24.19	-53.32
10	6	622	14.71	-1.98	8.54	4.19	8.05	58.35	-92.09	10.83	-44.57	-69.94
10	6	631	21.45	-6.73	11.50	3.22	13.47	83.76	-130.37	20.43	-67.04	-97.72
10	6	640	32.51	-13.77	15.98	2.75	22.17	93.52	-197.24	-2.86	-100.86	-136.87
10	6	649	54.24	-19.94	26.97	7.33	35.77	93.82	-301.19	-60.18	-147.20	-192.65
10	6	658	112.17	-26.11	54.71	31.36	68.15	124.47	-423.83	-119.92	-179.43	-272.53
10	6	667	484.10	-19.20	242.47	222.43	251.45	434.06	-530.46	-56.92	-39.48	-482.18
10	6	904	151.43	-2.73	-0.38	149.09	-18.87	698.14	-47.76	52.56	597.82	-254.49
10	6	924	66.82	3.48	6.49	63.81	13.47	760.59	83.62	208.43	635.78	-262.52
10	6	925	40.22	-25.54	38.56	-23.88	10.29	1122.67	602.27	714.03	1010.92	-213.70
10	6	926	193.82	154.63	180.53	167.92	-18.55	2006.40	1651.42	1758.15	1899.67	162.78
10	6	971	33.61	1.96	5.46	30.10	-9.93	716.88	6.25	115.80	607.33	-256.61
10	6	972	4.42	-46.89	2.85	-45.32	-8.84	318.24	-19.53	38.69	260.02	-127.58
10	6	973	5.89	-39.29	3.36	-36.75	10.40	42.39	-16.30	9.38	16.70	-29.11
10	6	974	-0.31	-30.04	-2.88	-27.46	8.37	33.85	-134.63	16.97	-117.75	-50.59
10	6	975	-0.26	-20.05	-2.45	-17.86	6.20	56.68	-201.60	43.63	-188.56	-56.56
10	6	976	3.51e-02	-9.00	-1.75	-7.21	3.60	76.90	-252.04	57.60	-232.74	-77.31
10	6	977	5.80	-0.80	-0.80	5.80	5.35e-02	105.35	-289.96	74.29	-258.90	-106.36
10	6	978	21.07	-0.39	0.37	20.31	-3.96	145.67	-280.05	91.21	-225.58	-142.20
10	6	979	40.97	0.70	2.68	38.99	-8.71	238.17	-150.73	103.10	-15.66	-185.16
10	6	980	69.68	1.67	5.94	65.41	-16.51	610.62	-18.91	100.40	491.31	-246.73
10	6	981	19.46	-30.49	12.72	-23.75	-17.06	703.79	35.89	173.90	565.78	-270.42
10	6	982	16.59	-20.64	11.51	-15.56	-12.78	874.28	182.06	296.89	759.45	-257.49
10	6	983	51.55	-16.38	17.97	17.19	-33.97	1262.90	671.34	740.86	1193.38	-190.50
10	6	984	48.80	-7.46	28.00	13.34	-27.15	790.28	113.12	132.11	771.29	-111.80
10	6	985	33.75	-12.17	9.70	11.88	-22.93	116.39	-40.11	-7.02	83.29	-63.91
10	6	986	14.75	-5.08	5.65	4.02	-9.88	45.20	-58.16	-6.85	-6.11	-51.68
10	6	987	3.24	-0.36	1.72	1.16	-1.78	45.06	-77.90	-3.75	-29.09	-60.16
10	6	988	1.81	-4.80	-2.10	-0.89	3.25	72.57	-107.49	15.84	-50.75	-83.65
10	6	989	2.63	-13.94	-7.42	-3.90	8.10	85.11	-163.81	0.60	-79.30	-117.88
10	6	990	7.57	-27.26	-14.68	-5.01	16.73	86.36	-257.32	-50.88	-120.08	-168.32
10	6	991	15.17	-50.66	-30.55	-4.94	30.32	86.35	-400.80	-149.46	-164.99	-243.45
10	6	992	33.81	-102.95	-78.88	9.75	52.08	198.42	-567.11	-246.31	-122.37	-377.72
10	6	993	-68.83	-477.03	-467.33	-78.53	-62.15	-171.60	-2317.11	-2020.63	-468.08	-740.40
10	6	994	86.28	-0.43	4.94	80.92	-20.90	785.11	-8.26	99.15	677.70	-271.43
10	6	995	54.91	0.86	3.73	52.04	-12.14	370.11	-65.85	103.84	200.42	-212.56
10	6	996	29.89	-9.79e-02	1.21	28.58	-6.13	177.96	-234.40	98.51	-154.95	-162.64
10	6	997	13.47	-0.59	-0.29	13.17	-2.04	123.27	-294.99	82.97	-254.68	-123.43
10	6	998	0.81	-3.38	-1.32	-1.25	2.09	90.14	-273.75	65.76	-249.38	-90.98
10	6	999	-0.17	-14.69	-2.16	-12.71	4.99	65.56	-227.82	50.09	-212.35	-65.58
10	6	1000	-0.31	-25.13	-2.71	-22.73	7.34	32.76	-173.76	19.10	-160.10	-51.32
10	6	1001	6.45	-34.39	4.15	-32.10	9.40	13.29	-72.86	0.47	-60.04	-30.66
10	6	1002	2.30	-41.30	2.30	-41.30	6.49e-02	162.79	-14.68	21.61	126.50	-71.58
10	6	1003	7.36	-12.57	3.42	-8.63	-7.93	481.10	-26.71	40.90	413.49	-172.52
10	6	1004	25.21	-10.86	1.84	12.50	-17.23	627.51	262.67	377.91	512.27	-169.60
10	6	1005	19.90	-5.44	13.13	1.34	-11.22	634.67	105.04	303.67	436.05	-256.41
10	6	1006	8.39	-26.63	5.19	-23.42	-10.10	580.29	-9.08	179.66	391.55	-274.98
10	6	1007	18.27	4.68	17.33	5.62	-3.46	350.30	66.50	188.83	227.97	-140.54
10	6	1008	12.78	-9.04	8.09	-4.35	-8.97	397.10	35.49	201.81	230.77	-180.23
10	6	1009	3.60	-25.15	2.25	-23.80	-6.10	381.35	-23.37	128.49	229.49	-195.96
10	6	1010	13.98	3.56	5.48	12.06	4.03	160.49	19.22	96.29	83.42	-70.34
10	6	1011	4.53	-8.75	4.45	-8.67	-1.04	204.11	7.51	119.55	92.07	-97.33
10	6	1012	0.64	-22.51	0.60	-22.47	-0.97	214.96	-18.06	92.26	104.65	-116.34
10	6	1013	8.00	5.61	7.38	6.23	-1.04	98.56	-41.44	45.09	12.02	-68.02
10	6	1014	3.71	-10.01	2.29	-8.59	4.18	98.05	-26.65	65.44	5.96	-54.79
10	6	1015	3.61	-23.71	0.43	-20.52	8.77	90.70	-35.36	50.82	4.51	-58.62
10	6	1016	9.62	0.32	2.97	6.97	4.20	58.64	-75.33	10.31	-27.00	-64.33
10	6	1017	3.65	-10.81	0.94	-8.10	5.64	76.95	-106.45	20.71	-50.22	-84.57
10	6	1018	3.46	-22.33	-0.58	-18.28	9.38	65.78	-111.19	19.94	-65.35	-77.54
10	6	1019	5.78	-0.24	4.27	1.27	2.61	41.66	-111.64	-13.74	-56.24	-73.64

10	6	1020	3.93	-10.45	0.99	-7.51	5.79	51.22	-146.67	-2.03	-93.43	-87.76
10	6	1021	3.77	-19.63	-0.14	-15.72	8.73	58.10	-163.86	14.42	-120.18	-88.25
10	6	1022	6.62	-5.41	2.89	-1.68	5.57	48.02	-150.14	-18.50	-83.62	-93.58
10	6	1023	5.63	-10.86	1.16	-6.39	7.33	44.22	-190.89	-17.68	-128.99	-103.55
10	6	1024	3.90	-16.66	3.09e-02	-12.79	8.04	63.86	-207.06	20.67	-163.88	-99.17
10	6	1025	7.19	-5.79	3.36	-1.96	5.92	62.77	-187.95	-18.93	-106.25	-117.52
10	6	1026	7.41	-10.40	1.74	-4.73	8.30	59.46	-230.54	-13.63	-157.46	-125.91
10	6	1027	4.43	-13.38	0.51	-9.46	7.38	73.91	-248.66	22.80	-197.55	-117.79
10	6	1028	9.99	-6.87	3.98	-0.86	8.07	86.20	-228.74	-13.93	-128.62	-146.66
10	6	1029	9.48	-10.42	1.51	-2.45	9.75	89.58	-270.05	4.79	-185.25	-152.66
10	6	1030	5.03	-9.84	0.85	-5.66	6.68	103.59	-289.59	42.73	-228.73	-142.21
10	6	1031	12.78	-10.41	2.85	-0.48	11.48	110.85	-273.83	-8.56	-154.42	-177.97
10	6	1032	10.19	-9.76	0.12	0.31	9.98	114.77	-314.90	13.01	-213.14	-182.67
10	6	1033	5.94	-6.29	0.94	-1.30	6.01	139.93	-331.20	67.01	-258.27	-170.41
10	6	1034	14.86	-8.04	4.82	2.00	11.37	141.04	-322.68	-0.55	-181.08	-213.56
10	6	1035	12.89	-8.93	-5.15e-02	4.01	10.72	144.59	-361.26	24.72	-241.39	-215.10
10	6	1036	7.76	-3.04	1.01	3.72	5.22	170.75	-373.61	82.76	-285.62	-200.39
10	6	1037	21.09	-15.20	2.49	3.40	18.14	177.12	-374.82	14.06	-211.75	-251.81
10	6	1038	16.09	-7.64	-1.04e-02	8.46	11.09	177.99	-406.62	40.00	-268.64	-248.25
10	6	1039	11.40	-2.02	-0.52	9.89	4.23	203.13	-411.58	99.23	-307.68	-230.37
10	6	1040	22.17	-10.47	3.05	8.64	16.08	219.92	-429.21	32.07	-241.35	-294.37
10	6	1041	21.24	-7.70	-1.07	14.60	12.17	223.31	-443.99	70.35	-291.03	-280.48
10	6	1042	17.51	-1.10	-0.58	16.99	3.08	241.88	-436.79	123.29	-318.20	-257.72
10	6	1043	32.40	-22.39	-2.26	12.27	26.41	257.04	-486.14	41.97	-271.08	-337.02
10	6	1044	27.80	-6.89	-1.30	22.21	12.75	273.29	-467.43	108.27	-302.41	-308.23
10	6	1045	25.19	-0.71	-0.53	25.01	2.16	281.60	-438.63	149.53	-306.56	-278.71
10	6	1046	38.98	-14.36	0.15	24.47	23.74	314.37	-533.68	69.53	-288.84	-384.30
10	6	1047	38.01	-8.57	-3.30	32.73	14.76	327.97	-462.76	155.65	-290.44	-326.45
10	6	1048	34.76	-0.47	-0.43	34.72	1.23	323.70	-398.85	181.10	-256.24	-287.58
10	6	1049	60.99	-32.42	-4.55	33.12	42.74	391.12	-556.11	122.29	-287.28	-427.05
10	6	1050	51.24	-7.75	-3.12	46.61	15.86	399.54	-406.98	233.13	-240.56	-326.38
10	6	1051	46.46	-0.32	-0.31	46.46	0.59	368.22	-292.23	218.87	-142.89	-276.28
10	6	1052	86.94	-16.72	1.93	68.29	39.82	548.98	-561.98	249.05	-262.04	-493.21
10	6	1053	70.46	-12.61	-8.61	66.46	17.79	495.65	-244.21	365.64	-114.20	-281.58
10	6	1054	59.18	-0.40	-0.39	59.18	-0.65	418.13	-94.65	254.42	69.06	-239.05
10	6	1055	130.81	-101.71	-73.37	102.47	76.07	788.66	-512.59	553.66	-277.59	-500.57
10	6	1056	84.65	-19.67	-19.60	84.58	2.66	612.09	114.39	558.52	167.96	-154.25
10	6	1057	71.49	-2.32	-1.72	70.89	-6.62	537.02	118.90	266.39	389.53	-199.79
10	6	1058	150.73	-68.88	-67.42	149.27	-17.83	1809.75	47.68	1683.95	173.48	-453.69
10	6	1059	89.96	5.34	11.74	83.56	-22.37	793.52	698.03	728.59	762.97	-44.54
10	6	1060	77.22	7.19	7.26	77.15	-2.19	779.84	163.47	251.58	691.73	-215.74
10	38	28	358.82	-357.69	340.96	-339.83	111.69	7322.02	510.85	6947.54	885.34	-1552.56
10	38	46	104.53	-57.02	-56.79	104.29	-6.21	1601.26	276.50	1309.92	567.84	548.70
10	38	589	66.94	18.99	21.67	64.26	-11.01	286.46	61.29	84.26	263.49	-68.15
10	38	604	31.76	10.08	10.51	31.34	-3.01	47.88	-25.34	-6.85	29.39	-31.81
10	38	613	23.44	5.97	5.97	23.43	-0.14	31.40	-24.90	10.34	-3.84	-27.24
10	38	622	20.49	5.94	6.63	19.80	3.09	52.42	-40.13	31.77	-19.48	-38.53
10	38	631	23.64	5.68	9.99	19.32	7.68	69.78	-72.84	34.99	-38.05	-61.25
10	38	640	33.01	2.75	15.30	20.47	14.91	73.61	-130.77	8.73	-65.89	-95.13
10	38	649	53.96	-0.96	26.48	26.53	27.46	72.70	-220.80	-45.87	-102.23	-144.02
10	38	658	111.81	-5.02	54.37	52.42	58.41	108.79	-321.39	-94.99	-117.61	-214.80
10	38	667	468.44	2.74	239.77	231.42	232.81	437.69	-419.69	-22.01	40.01	-427.57
10	38	904	168.28	-0.65	2.23	165.40	-21.87	570.79	-54.80	20.55	495.44	-203.62
10	38	924	81.60	9.04	10.63	80.01	10.63	658.19	78.90	178.29	558.79	-218.40
10	38	925	48.20	-8.95	46.73	-7.47	9.07	1041.40	597.16	679.56	958.99	-172.68
10	38	926	208.09	170.98	195.72	183.36	-17.50	2010.39	1596.34	1725.79	1880.93	191.94
10	38	971	18.70	1.04	3.14	16.61	-5.71	807.45	12.00	130.48	688.98	-283.20
10	38	972	2.64	-19.31	1.43	-18.10	-5.00	365.34	-11.65	42.17	311.53	-131.88
10	38	973	2.82	-8.82	2.25	-8.24	2.53	74.68	-7.56	13.85	53.27	-36.09
10	38	974	1.67	-0.22	-0.22	1.67	-2.63e-02	20.17	-88.07	13.07	-80.97	-26.80
10	38	975	10.97	-0.17	0.32	10.49	-2.28	32.38	-152.50	27.94	-148.06	-28.29
10	38	976	20.49	-0.15	0.94	19.40	-4.60	48.38	-195.63	39.91	-187.16	-44.67
10	38	977	31.67	-0.16	1.71	29.80	-7.48	71.38	-221.99	54.21	-204.82	-68.87
10	38	978	44.58	-0.16	2.65	41.78	-10.85	104.78	-201.16	67.80	-164.18	-99.73
10	38	979	61.75	0.31	4.25	57.81	-15.05	193.57	-87.40	74.44	31.74	-138.85
10	38	980	86.64	0.82	6.68	80.78	-21.65	546.14	-14.80	65.97	465.37	-196.93
10	38	981	17.85	-9.58	10.68	-2.41	-12.05	785.15	42.97	190.11	638.00	-295.90
10	38	982	15.23	-5.14	9.36	0.72	-9.22	933.19	186.20	320.86	798.53	-287.15
10	38	983	60.41	-3.34	20.15	36.92	-30.75	1300.50	601.95	697.57	1204.89	-240.11
10	38	984	67.22	12.20	37.42	42.00	-27.41	828.60	147.73	195.58	780.75	-174.04
10	38	985	50.98	-9.63	9.65	31.69	-28.23	122.97	-8.66	14.57	99.73	-50.18
10	38	986	30.48	-2.85	5.62	22.01	-14.51	38.48	-19.59	6.32	12.57	-28.87
10	38	987	20.18	-0.51	1.56	18.11	-6.21	41.34	-28.34	20.24	-7.23	-32.02
10	38	988	16.22	-2.37	-2.32	16.17	-1.00	61.02	-53.67	31.83	-24.49	-49.95
10	38	989	15.46	-7.93	-7.28	14.80	3.87	67.12	-102.53	12.64	-48.05	-79.21
10	38	990	19.15	-18.43	-14.56	15.28	11.42	64.69	-184.91	-39.53	-80.69	-123.09
10	38	991	27.79	-40.00	-30.10	17.89	23.94	69.62	-309.15	-128.01	-111.52	-189.20

10	38	992	50.38	-92.92	-77.68	35.15	44.17	199.34	-450.66	-207.12	-44.21	-314.62
10	38	993	-56.33	-462.15	-449.70	-68.77	-69.96	-165.92	-2220.36	-1973.15	-413.12	-668.40
10	38	994	102.61	-0.65	5.77	96.19	-24.94	686.03	-12.75	63.63	609.64	-218.04
10	38	995	73.80	0.43	5.19	69.04	-18.08	329.41	-33.47	71.81	224.13	-164.68
10	38	996	52.21	-6.45e-02	3.27	48.87	-12.77	133.64	-155.88	72.70	-94.94	-118.03
10	38	997	38.04	-0.21	2.13	35.70	-9.17	86.02	-220.80	61.37	-196.15	-83.40
10	38	998	25.69	-0.13	1.29	24.27	-5.89	59.04	-211.95	46.94	-199.86	-55.97
10	38	999	15.63	-0.17	0.60	14.86	-3.40	39.37	-175.70	33.45	-169.77	-35.21
10	38	1000	6.37	-0.17	4.37e-02	6.16	-1.16	19.13	-125.08	14.65	-120.60	-25.03
10	38	1001	3.13	-3.33	2.89	-3.10	1.21	19.31	-38.06	6.38	-25.13	-23.97
10	38	1002	1.60	-13.65	1.45	-13.50	-1.50	199.67	-8.25	25.55	165.87	-76.72
10	38	1003	4.16	-4.94	1.41	-2.20	-4.18	555.28	-19.05	50.02	486.21	-186.81
10	38	1004	38.87	-0.29	4.27	34.32	-12.56	689.49	268.23	416.11	541.61	-201.07
10	38	1005	23.15	5.84	10.91	18.08	-7.88	687.87	107.64	318.88	476.64	-279.19
10	38	1006	9.72	-5.98	4.25	-0.51	-7.48	640.28	4.05	189.50	454.82	-289.14
10	38	1007	31.27	11.47	14.45	28.29	-7.08	397.17	103.72	244.78	256.11	-146.62
10	38	1008	19.77	3.42	6.46	16.73	-6.36	433.18	58.24	221.74	269.67	-185.93
10	38	1009	5.37	-3.11	1.74	0.53	-4.20	421.95	-2.67	139.71	279.58	-200.46
10	38	1010	33.16	3.38	3.41	33.12	-1.07	191.35	48.44	131.06	108.73	-70.58
10	38	1011	16.01	2.35	2.75	15.61	-2.30	235.08	28.59	136.40	127.27	-103.14
10	38	1012	3.35	-0.51	0.16	2.68	-1.46	244.12	-4.04	97.19	142.89	-121.95
10	38	1013	27.17	3.33	5.22	25.27	-6.45	98.58	0.14	62.11	36.60	-47.54
10	38	1014	15.49	0.78	0.78	15.49	-0.10	115.26	-2.39	74.80	38.06	-55.88
10	38	1015	6.21	-1.44	-0.19	4.97	2.83	115.37	-19.18	56.11	40.09	-66.80
10	38	1016	25.29	1.17	1.21	25.26	-0.93	51.55	-32.05	22.80	-3.30	-39.71
10	38	1017	15.47	-0.14	-0.12	15.46	0.51	67.97	-57.46	29.94	-19.44	-57.65
10	38	1018	8.01	-1.33	-0.57	7.25	2.55	64.85	-69.76	26.61	-31.52	-60.71
10	38	1019	20.73	2.11	2.53	20.31	-2.77	34.02	-62.77	2.16	-30.91	-45.49
10	38	1020	15.62	-1.27e-02	-1.95e-03	15.61	0.41	38.74	-93.89	5.94	-61.08	-57.23
10	38	1021	9.92	-0.39	-0.11	9.65	1.66	44.66	-113.66	15.78	-84.78	-61.14
10	38	1022	19.02	1.28	1.29	19.01	0.37	38.45	-96.31	-2.66	-55.20	-62.05
10	38	1023	16.40	0.21	0.28	16.32	1.11	30.95	-132.32	-7.40	-93.97	-69.21
10	38	1024	12.30	0.17	0.23	12.24	0.82	43.90	-153.86	15.96	-125.92	-68.89
10	38	1025	17.98	1.89	1.90	17.96	0.46	51.63	-129.88	-2.19	-76.06	-82.90
10	38	1026	17.72	0.62	0.76	17.58	1.51	41.29	-169.02	-6.82	-120.91	-88.33
10	38	1027	15.11	0.67	0.67	15.11	7.24e-02	52.46	-192.64	18.17	-158.35	-85.01
10	38	1028	19.67	1.89	2.20	19.36	2.33	72.46	-167.16	2.12	-96.83	-109.12
10	38	1029	19.76	0.53	0.80	19.49	2.27	63.41	-206.13	3.56	-146.28	-112.02
10	38	1030	18.36	0.96	0.98	18.34	-0.62	75.07	-230.81	31.53	-187.28	-106.87
10	38	1031	20.53	0.39	1.55	19.37	4.69	94.52	-207.98	6.34	-119.80	-137.47
10	38	1032	22.21	-7.44e-02	0.20	21.94	2.47	86.00	-246.11	11.01	-171.12	-138.85
10	38	1033	22.12	1.05	1.13	22.04	-1.25	104.00	-268.78	48.92	-213.71	-132.28
10	38	1034	23.63	1.72	2.92	22.43	4.99	121.64	-252.56	12.41	-143.33	-170.12
10	38	1035	25.66	-0.24	0.13	25.30	3.06	112.92	-286.61	21.66	-195.36	-167.72
10	38	1036	26.47	1.08	1.22	26.32	-1.91	132.52	-305.71	63.81	-237.00	-159.34
10	38	1037	27.39	-2.81	1.02	23.56	10.05	151.32	-300.10	20.87	-169.66	-204.62
10	38	1038	29.86	-0.35	5.80e-02	29.45	3.48	143.61	-325.26	36.09	-217.74	-197.11
10	38	1039	31.75	0.30	0.53	31.52	-2.68	163.50	-337.26	80.48	-254.23	-186.23
10	38	1040	32.32	-0.36	2.37	29.59	9.05	188.58	-348.68	33.93	-194.03	-243.25
10	38	1041	35.74	-1.09	-0.54	35.20	4.44	182.35	-356.10	60.59	-234.34	-225.25
10	38	1042	37.98	0.19	0.53	37.64	-3.55	198.85	-356.23	102.23	-259.60	-210.47
10	38	1043	40.35	-9.47	-1.98	32.86	17.81	224.25	-396.41	44.96	-217.12	-281.30
10	38	1044	43.08	-1.43	-0.83	42.48	5.15	226.87	-372.39	93.90	-239.41	-249.00
10	38	1045	45.27	0.15	0.57	44.85	-4.34	235.93	-352.52	126.92	-243.52	-228.60
10	38	1046	51.05	-3.56	1.58	45.92	15.94	281.94	-433.00	75.81	-226.88	-323.85
10	38	1047	53.41	-2.72	-1.84	52.53	6.97	279.13	-360.79	140.00	-221.66	-263.96
10	38	1048	54.20	0.15	0.64	53.71	-5.11	275.19	-310.29	156.46	-191.57	-235.41
10	38	1049	68.87	-19.21	-4.11	53.78	33.19	358.67	-445.34	129.79	-216.46	-362.82
10	38	1050	66.86	-3.33	-2.42	65.96	7.91	348.82	-302.18	215.76	-169.12	-262.53
10	38	1051	65.00	3.33e-02	0.55	64.48	-5.78	316.19	-208.42	191.23	-83.46	-223.47
10	38	1052	98.14	-7.07	2.36	88.71	30.06	521.28	-443.54	261.75	-184.00	-427.84
10	38	1053	85.73	-8.48	-7.61	84.86	9.03	442.34	-153.09	343.44	-54.20	-221.59
10	38	1054	76.83	-0.37	0.27	76.19	-7.01	362.06	-29.88	223.35	108.83	-187.42
10	38	1055	136.78	-92.49	-74.28	118.57	62.00	763.12	-416.13	560.50	-213.51	-444.84
10	38	1056	101.93	-17.88	-17.61	101.66	-5.66	561.93	170.67	531.46	201.14	-104.85
10	38	1057	89.04	-1.75	2.41e-03	87.29	-12.50	482.39	141.98	231.74	392.64	-149.99
10	38	1058	169.32	-58.10	-55.32	166.55	-24.98	1798.42	97.46	1696.15	199.74	-404.36
10	38	1059	108.19	8.72	17.72	99.19	-28.54	745.96	687.48	687.49	745.96	-0.71
10	38	1060	93.73	8.78	9.30	93.21	-6.62	702.65	157.91	215.42	645.13	-167.39
10	70	28	360.31	-356.47	342.46	-338.62	111.70	7312.99	513.06	6940.55	885.50	-1547.22
10	70	46	106.82	-56.39	-56.13	106.56	-6.53	1588.42	281.06	1303.71	565.78	539.59
10	70	589	68.75	18.63	21.41	65.97	-11.48	288.42	66.83	90.76	264.49	-68.77
10	70	604	33.18	9.76	10.28	32.66	-3.45	48.05	-22.61	-5.36	30.80	-30.36
10	70	613	24.60	5.75	5.77	24.59	-0.53	31.03	-21.42	11.89	-2.27	-25.25
10	70	622	21.49	6.00	6.48	21.00	2.70	52.05	-36.31	33.29	-17.56	-36.13
10	70	631	24.21	6.23	9.88	20.56	7.24	68.72	-68.51	36.04	-35.83	-58.45
10	70	640	33.26	3.81	15.25	21.82	14.36	72.05	-125.70	9.56	-63.21	-91.94

10	70	649	54.06	0.38	26.44	28.00	26.83	71.07	-214.66	-44.81	-98.78	-140.29
10	70	658	111.86	-3.49	54.35	54.02	57.67	107.62	-313.59	-93.10	-112.88	-210.37
10	70	667	467.26	4.41	239.56	232.11	231.40	438.02	-411.26	-19.33	46.09	-423.38
10	70	904	169.57	-0.49	2.43	166.65	-22.10	561.07	-55.37	18.10	487.60	-199.73
10	70	924	82.76	9.43	10.95	81.25	10.42	650.37	78.51	175.98	552.90	-215.03
10	70	925	48.81	-7.67	47.35	-6.21	8.97	1035.24	596.70	676.92	955.02	-169.54
10	70	926	209.19	172.24	196.88	184.54	-17.41	2010.75	1592.13	1723.33	1879.55	194.19
10	70	971	17.57	0.97	2.97	15.57	-5.39	814.29	12.43	131.56	695.16	-285.20
10	70	972	2.52	-17.25	1.33	-16.05	-4.71	368.97	-11.09	42.42	315.46	-132.19
10	70	973	2.59	-6.52	2.16	-6.09	1.93	77.32	-7.05	14.18	56.09	-36.61
10	70	974	3.99	-0.13	-1.72e-02	3.88	-0.66	19.21	-84.57	12.78	-78.14	-25.02
10	70	975	13.30	-0.14	0.53	12.64	-2.92	30.65	-148.85	26.76	-144.96	-26.14
10	70	976	22.69	-0.13	1.14	21.43	-5.23	46.30	-191.40	38.57	-183.67	-42.18
10	70	977	33.67	-0.15	1.90	31.63	-8.06	68.84	-216.84	52.67	-200.67	-66.00
10	70	978	46.38	-0.15	2.82	43.41	-11.38	101.66	-195.13	66.01	-159.48	-96.48
10	70	979	63.34	0.28	4.37	59.25	-15.54	190.37	-82.75	72.25	35.37	-135.31
10	70	980	87.94	0.75	6.74	81.95	-22.05	541.42	-14.68	63.33	463.41	-193.12
10	70	981	17.84	-8.12	10.53	-0.80	-11.68	791.29	43.49	191.31	643.47	-297.81
10	70	982	15.25	-4.07	9.20	1.98	-8.96	937.69	186.47	322.62	801.54	-289.38
10	70	983	61.20	-2.45	20.32	38.43	-30.51	1303.39	596.56	694.17	1205.78	-243.86
10	70	984	68.79	13.56	38.14	44.21	-27.44	832.10	149.76	200.37	781.49	-178.81
10	70	985	52.40	-9.53	9.65	33.22	-28.64	123.51	-6.32	16.19	101.00	-49.16
10	70	986	31.83	-2.81	5.62	23.39	-14.87	37.99	-16.69	7.29	14.00	-27.13
10	70	987	21.55	-0.60	1.55	19.41	-6.55	41.10	-24.68	21.98	-5.56	-29.87
10	70	988	17.56	-2.42	-2.33	17.47	-1.33	60.15	-49.64	32.98	-22.48	-47.38
10	70	989	16.75	-7.79	-7.27	16.23	3.54	65.71	-97.87	13.50	-45.66	-76.25
10	70	990	20.31	-18.03	-14.55	16.83	11.02	63.01	-179.39	-38.71	-77.67	-119.62
10	70	991	28.96	-39.39	-30.07	19.64	23.45	68.38	-302.20	-126.39	-107.43	-185.05
10	70	992	51.76	-92.27	-77.59	37.09	43.57	199.53	-441.88	-204.13	-38.23	-309.79
10	70	993	-55.38	-461.04	-448.37	-68.04	-70.55	-165.37	-2213.10	-1969.54	-408.93	-662.88
10	70	994	103.86	-0.67	5.84	97.36	-25.24	678.55	-13.20	60.91	604.44	-213.95
10	70	995	75.25	0.39	5.30	70.34	-18.53	326.70	-31.39	69.36	225.95	-161.02
10	70	996	53.91	-6.71e-02	3.42	50.42	-13.28	130.27	-149.89	70.73	-90.35	-114.61
10	70	997	39.92	-0.19	2.32	37.41	-9.71	83.20	-215.15	59.72	-191.67	-80.34
10	70	998	27.82	-0.11	1.49	26.21	-6.50	56.74	-207.30	45.51	-196.06	-53.29
10	70	999	17.90	-0.14	0.81	16.95	-4.04	37.49	-171.81	32.18	-166.51	-32.90
10	70	1000	8.73	-0.13	0.25	8.35	-1.80	18.22	-121.48	14.31	-117.57	-23.04
10	70	1001	2.89	-1.00	2.80	-0.90	0.59	19.85	-35.47	6.82	-22.44	-23.47
10	70	1002	1.59	-11.60	1.39	-11.40	-1.62	202.54	-7.79	25.84	168.91	-77.09
10	70	1003	3.94	-4.40	1.26	-1.72	-3.89	560.91	-18.48	50.70	491.73	-187.87
10	70	1004	40.17	0.29	4.46	36.00	-12.21	694.20	268.55	418.91	543.85	-203.45
10	70	1005	23.82	6.29	10.74	19.37	-7.63	691.90	107.84	319.98	479.76	-280.89
10	70	1006	10.14	-4.73	4.19	1.22	-7.29	644.86	5.00	190.22	459.63	-290.19
10	70	1007	32.93	11.34	14.23	30.03	-7.36	400.76	106.48	248.97	258.28	-147.07
10	70	1008	20.94	3.73	6.34	18.34	-6.17	435.92	59.96	223.21	272.67	-186.35
10	70	1009	6.10	-2.04	1.70	2.37	-4.06	425.08	-1.15	140.53	283.41	-200.79
10	70	1010	34.81	3.19	3.26	34.74	-1.47	193.68	50.64	133.65	110.68	-70.59
10	70	1011	17.83	2.25	2.63	17.45	-2.40	237.45	30.18	137.64	129.98	-103.56
10	70	1012	5.05	-0.33	0.13	4.59	-1.50	246.41	-3.03	97.54	145.84	-122.36
10	70	1013	28.73	3.07	5.06	26.74	-6.86	98.60	3.29	63.38	38.50	-46.00
10	70	1014	17.33	0.66	0.67	17.32	-0.43	116.65	-0.62	75.49	40.53	-55.97
10	70	1015	7.62	-0.95	-0.23	6.90	2.38	117.41	-18.09	56.49	42.83	-67.41
10	70	1016	26.73	1.01	1.08	26.66	-1.32	51.00	-28.76	23.72	-1.48	-37.84
10	70	1017	17.25	-0.20	-0.20	17.25	0.12	67.29	-53.75	30.62	-17.07	-55.63
10	70	1018	9.60	-0.97	-0.56	9.19	2.04	64.81	-66.62	27.10	-28.92	-59.45
10	70	1019	22.27	1.89	2.40	21.76	-3.18	33.43	-59.07	3.32	-28.96	-43.34
10	70	1020	17.37	-7.46e-02	-7.46e-02	17.37	-1.35e-03	37.80	-89.88	6.52	-58.60	-54.92
10	70	1021	11.68	-0.21	-0.11	11.57	0.13	43.66	-109.85	15.87	-82.06	-59.10
10	70	1022	20.59	1.17	1.17	20.59	-3.14e-02	37.70	-92.23	-1.51	-53.02	-59.64
10	70	1023	18.07	0.19	0.22	18.05	0.63	29.95	-127.87	-6.64	-91.28	-66.60
10	70	1024	14.15	0.24	0.24	14.14	0.27	42.41	-149.82	15.60	-123.01	-66.60
10	70	1025	19.49	1.80	1.80	19.49	3.58e-02	50.76	-125.48	-0.97	-73.75	-80.25
10	70	1026	19.33	0.63	0.69	19.28	0.99	39.92	-164.34	-6.31	-118.11	-85.47
10	70	1027	16.99	0.66	0.68	16.98	-0.48	50.85	-188.37	17.82	-155.35	-82.52
10	70	1028	21.09	1.88	2.07	20.91	1.90	71.39	-162.49	3.29	-94.39	-106.25
10	70	1029	21.30	0.60	0.75	21.16	1.71	61.41	-201.25	3.46	-143.29	-108.92
10	70	1030	20.24	0.92	0.99	20.17	-1.17	72.91	-226.33	30.69	-184.10	-104.17
10	70	1031	21.74	0.60	1.45	20.88	4.18	93.25	-202.97	7.42	-117.15	-134.38
10	70	1032	23.74	5.64e-02	0.21	23.59	1.90	83.80	-240.85	10.84	-167.90	-135.51
10	70	1033	23.96	1.00	1.14	23.82	-1.80	101.28	-264.01	47.56	-210.29	-129.37
10	70	1034	24.91	1.86	2.78	23.99	4.50	120.13	-247.21	13.35	-140.44	-166.80
10	70	1035	27.15	-8.64e-02	0.14	26.92	2.48	110.49	-280.90	21.42	-191.83	-164.10
10	70	1036	28.27	1.01	1.24	28.04	-2.45	129.61	-300.51	62.37	-233.27	-156.21
10	70	1037	28.35	-2.33	0.91	25.10	9.44	149.32	-294.39	21.36	-166.43	-201.01
10	70	1038	31.32	-0.21	6.42e-02	31.05	2.90	140.97	-319.03	35.78	-213.84	-193.20
10	70	1039	33.48	0.30	0.61	33.16	-3.21	160.48	-331.57	79.05	-250.14	-182.86
10	70	1040	33.51	-1.86e-03	2.32	31.19	8.52	186.16	-342.52	34.05	-190.41	-239.34

10	70	1041	37.17	-0.90	-0.50	36.77	3.85	179.22	-349.37	59.84	-229.99	-221.02
10	70	1042	39.64	0.19	0.61	39.21	-4.06	195.57	-350.06	100.62	-255.12	-206.86
10	70	1043	41.25	-8.77	-1.95	34.44	17.15	221.72	-389.54	45.17	-212.99	-277.04
10	70	1044	44.49	-1.25	-0.79	44.03	4.57	223.32	-365.11	92.80	-234.59	-244.47
10	70	1045	46.86	0.15	0.66	46.36	-4.83	232.43	-345.93	125.20	-238.69	-224.77
10	70	1046	52.22	-2.98	1.69	47.56	15.35	279.45	-425.29	76.29	-222.13	-319.22
10	70	1047	54.76	-2.46	-1.74	54.04	6.38	275.39	-352.98	138.81	-216.39	-259.17
10	70	1048	55.73	0.15	0.72	55.16	-5.59	271.48	-303.52	154.58	-186.62	-231.41
10	70	1049	69.65	-18.37	-4.08	55.36	32.46	356.18	-436.86	130.35	-211.04	-357.90
10	70	1050	68.20	-3.13	-2.37	67.44	7.31	344.94	-294.16	214.43	-163.65	-257.64
10	70	1051	66.45	2.14e-02	0.62	65.86	-6.26	312.22	-202.02	189.12	-78.91	-219.43
10	70	1052	99.15	-6.49	2.40	90.27	29.31	519.15	-434.47	262.71	-178.03	-422.83
10	70	1053	87.00	-8.27	-7.53	86.26	8.37	438.26	-146.12	341.75	-49.60	-217.00
10	70	1054	78.21	-0.40	0.32	77.49	-7.49	357.83	-24.99	220.97	111.87	-183.47
10	70	1055	137.34	-91.88	-74.34	119.80	60.93	761.16	-408.75	561.01	-208.60	-440.56
10	70	1056	103.30	-17.79	-17.46	102.97	-6.29	558.19	174.88	529.39	203.69	-101.05
10	70	1057	90.40	-1.72	0.13	88.54	-12.95	478.55	143.42	229.08	392.90	-146.18
10	70	1058	170.76	-57.30	-54.40	167.87	-25.52	1797.62	101.22	1697.07	201.76	-400.57
10	70	1059	109.60	8.97	18.18	100.39	-29.01	744.77	684.22	684.34	744.66	2.66
10	70	1060	95.01	8.89	9.46	94.44	-6.96	696.92	157.32	212.65	641.58	-163.70

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	484.10	-477.03	-467.33	-355.82	-70.55	7440.76	-2317.11	-2020.63	-468.08	-1622.04
			342.46	232.11	251.45			7039.55	1899.67	667.96

Macro	Tipo	Angolo 1-X (gradi)
11	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
11	1	46	80.23	-74.21	-73.26	79.28	12.08	3097.71	1319.69	3017.53	1399.88	-368.97
11	1	62	56.14	-21.42	17.87	16.86	38.77	1294.71	227.17	421.06	1100.83	411.57
11	1	971	57.80	2.46	4.65	55.61	-10.80	785.47	-16.23	130.39	638.85	-309.92
11	1	981	9.75	-5.87	7.98	-4.10	-4.95	771.92	11.07	173.68	609.30	-311.90
11	1	982	15.79	-6.77	11.51	-2.49	-8.85	916.60	201.85	352.41	766.03	-291.45
11	1	983	6.96e-02	-35.40	-5.47	-29.86	-12.88	1026.37	640.41	647.89	1018.89	-53.20
11	1	1061	28.65	-32.62	28.30	-32.27	-4.64	1059.10	896.94	1041.34	914.69	-50.64
11	1	1062	13.38	-36.58	13.28	-36.49	-2.18	316.13	105.33	291.28	130.18	67.98
11	1	1063	-1.56	-43.86	-1.69	-43.73	2.35	48.89	-437.28	-31.04	-357.35	180.20
11	1	1064	-8.47	-47.91	-9.85	-46.53	7.26	-63.43	-809.05	-192.82	-679.66	282.37
11	1	1065	-10.65	-49.34	-14.52	-45.47	11.61	-67.97	-956.06	-251.24	-772.78	359.41
11	1	1066	-12.44	-49.95	-20.97	-41.42	15.72	-49.25	-1009.26	-247.76	-810.75	388.80
11	1	1067	-11.96	-49.72	-26.72	-34.97	18.42	-10.17	-915.83	-178.44	-747.56	352.26
11	1	1068	-7.98	-47.91	-29.11	-26.79	19.93	132.43	-632.50	1.03	-501.10	288.52
11	1	1069	15.60	-41.36	-16.54	-9.23	28.24	531.85	-74.36	403.64	53.85	247.55
11	1	1070	61.42	1.10	10.16	52.35	-21.55	602.44	-4.85	106.18	491.41	-234.74
11	1	1071	57.80	1.95	11.25	48.51	-20.80	109.76	11.99	31.48	90.26	-39.06
11	1	1072	63.84	1.60	14.52	50.92	-25.25	-2.42	-398.00	-59.02	-341.40	138.52
11	1	1073	78.22	1.71	17.80	62.13	-31.18	0.26	-713.72	-129.74	-583.72	275.54
11	1	1074	87.96	1.99	19.23	70.71	-34.43	-7.84	-907.31	-175.60	-739.56	350.35
11	1	1075	88.89	2.02	18.56	72.35	-34.11	19.96	-964.51	-183.11	-761.44	398.35
11	1	1076	77.15	1.65	14.77	64.03	-28.62	9.55	-846.05	-154.05	-682.45	336.47
11	1	1077	45.75	0.25	5.92	40.09	-15.02	0.79	-554.93	-90.74	-463.40	206.12
11	1	1078	11.78	5.42	5.85	11.36	1.59	15.68	-32.08	8.07	-24.47	-17.48
11	1	1079	30.51	-2.21e-02	8.05	22.43	13.47	65.29	-136.60	48.21	-119.51	-56.19
11	1	1080	59.20	2.48	27.35	34.33	28.14	86.78	-21.45	80.69	-15.37	24.92
11	1	1081	71.06	5.58	37.97	38.67	32.74	396.19	-66.05	206.00	124.14	227.47
11	1	1082	47.90	-27.14	4.01	16.76	36.98	807.00	276.88	595.31	488.57	259.63
11	1	1083	0.73	-45.80	-25.60	-19.46	23.06	285.81	-391.67	163.40	-269.26	260.67
11	1	1084	-10.91	-49.03	-28.74	-31.20	19.02	38.73	-814.28	-107.51	-668.04	321.50
11	1	1085	-12.39	-49.97	-24.00	-38.36	17.37	-33.90	-969.92	-222.99	-780.84	375.81
11	1	1086	-11.64	-49.70	-17.58	-43.76	13.81	-55.18	-1009.46	-256.84	-807.80	389.59
11	1	1087	-9.53	-48.77	-11.84	-46.45	9.25	-79.27	-896.40	-230.72	-744.95	317.51
11	1	1088	-3.88	-46.02	-4.25	-45.65	3.92	-17.93	-643.70	-125.71	-535.91	236.29
11	1	1089	6.01	-40.84	5.93	-40.76	1.83	149.70	-192.66	96.46	-139.42	124.07
11	1	1090	22.51	-31.53	22.39	-31.41	-2.51	588.95	472.43	588.71	472.67	5.26
11	1	1091	23.41	-10.92	20.64	-8.14	9.36	1765.76	1382.80	1679.38	1469.19	-160.06
11	1	1092	60.57	3.64	10.74	53.47	-18.80	710.82	-8.38	136.83	565.62	-288.70
11	1	1093	59.35	1.54	10.44	50.45	-20.87	380.11	4.95	71.85	313.21	-143.60
11	1	1094	59.02	1.99	12.77	48.25	-22.32	4.61	-156.74	-16.88	-135.25	54.83
11	1	1095	70.99	1.59	16.26	56.32	-28.34	-4.13	-579.20	-101.08	-482.26	215.29

11	1	1096	84.03	1.85	18.74	67.13	-33.21	-6.25	-831.73	-159.29	-678.68	320.80
11	1	1097	89.68	2.12	19.26	72.55	-34.74	5.92	-956.63	-183.73	-766.99	382.85
11	1	1098	85.01	2.06	17.30	69.76	-32.13	18.07	-914.65	-173.30	-723.28	376.66
11	1	1099	64.53	1.08	10.98	54.63	-23.02	1.24	-732.95	-126.40	-605.31	278.24
11	1	1100	24.47	1.11	1.93	23.65	-4.30	-4.70	-327.20	-45.18	-286.73	106.84
11	1	1101	33.99	-10.72	-10.69	33.96	-1.20	44.36	-531.00	-9.67	-476.97	167.83
11	1	1102	38.90	-6.67	-5.49	37.73	-7.23	27.86	-736.54	-74.43	-634.25	260.25
11	1	1103	44.13	-3.75	-0.25	40.63	-12.47	20.86	-851.41	-123.48	-707.07	324.14
11	1	1104	48.89	-2.12	3.95	42.82	-16.52	19.97	-918.52	-156.89	-741.66	367.02
11	1	1105	51.76	-1.10	7.29	43.37	-19.32	16.44	-967.10	-175.80	-774.86	390.02
11	1	1106	52.71	-0.78	9.42	42.51	-21.01	14.69	-973.13	-182.04	-776.41	394.50
11	1	1107	52.25	-0.68	11.05	40.53	-21.98	-6.59	-915.94	-177.11	-745.42	354.94
11	1	1108	50.86	-0.68	12.23	37.94	-22.34	-9.65	-833.42	-162.23	-680.84	320.02
11	1	1109	49.13	-0.51	13.14	35.47	-22.17	-6.17	-744.55	-135.66	-615.06	280.79
11	1	1110	47.58	0.13	13.51	34.20	-21.35	2.39	-597.70	-102.76	-492.55	228.13
11	1	1111	42.67	-5.49e-02	13.67	28.95	-19.95	14.76	-401.51	-64.25	-322.50	163.24
11	1	1112	41.41	1.47	13.41	29.48	-18.28	38.90	-165.09	-21.81	-104.38	93.27
11	1	1113	39.09	1.90	12.89	28.09	-16.97	142.24	18.19	19.48	140.95	12.58
11	1	1114	27.77	-0.97	11.98	14.82	-14.30	403.29	38.69	63.07	378.90	-91.08
11	1	1115	21.14	-7.50	10.45	3.19	-13.86	640.67	40.52	116.38	564.80	-199.44
11	1	1116	20.77	-27.75	20.64	-27.62	2.56	869.61	543.86	550.88	862.58	-47.31
11	1	1117	20.13	-29.04	19.80	-28.71	-4.03	526.46	337.51	348.11	515.87	43.47
11	1	1118	17.00	-29.95	15.94	-28.89	-6.98	295.46	72.01	180.05	187.42	111.66
11	1	1119	13.16	-30.16	11.78	-28.78	-7.60	158.32	-192.76	54.11	-88.55	160.40
11	1	1120	9.58	-29.58	8.36	-28.36	-6.81	74.16	-424.48	-36.96	-313.36	207.52
11	1	1121	4.09	-28.17	3.11	-27.19	-5.52	15.01	-630.49	-114.04	-501.45	258.16
11	1	1122	0.54	-25.70	0.18	-25.33	-3.08	-27.63	-795.39	-171.22	-651.81	299.37
11	1	1123	-2.01	-23.14	-2.09	-23.06	-1.23	-42.36	-883.16	-203.34	-722.18	330.82
11	1	1124	-5.20	-20.78	-5.26	-20.72	1.02	-31.15	-942.66	-220.44	-753.37	369.74
11	1	1125	-7.84	-19.05	-8.89	-18.01	3.26	-18.05	-995.35	-222.27	-791.13	397.34
11	1	1126	-7.98	-19.24	-12.19	-15.03	5.44	-11.36	-993.84	-208.52	-796.68	393.49
11	1	1127	-3.00	-20.15	-15.63	-7.52	7.55	4.75	-952.81	-177.75	-770.30	376.10
11	1	1128	2.72	-22.90	-19.04	-1.14	9.17	29.78	-893.78	-123.92	-740.08	343.98
11	1	1129	4.91	-25.60	-21.73	1.04	10.16	75.27	-786.37	-44.09	-667.01	297.65
11	1	1130	9.30	-26.55	-22.43	5.17	11.44	149.28	-598.01	65.96	-514.69	235.21
11	1	1131	19.77	-24.10	-18.64	14.30	14.49	224.81	-407.11	167.62	-349.92	181.30
11	1	1132	11.22	-20.08	9.67	-18.53	-6.80	937.31	221.67	338.85	820.12	-264.82
11	1	1133	31.65	-6.93	-3.11	27.83	11.52	233.25	-252.53	213.85	-233.13	95.12
11	1	1134	20.17	-13.46	9.58	-2.87	-15.62	776.41	19.10	157.76	637.75	-292.89
11	1	1135	12.41	-7.72	12.28	-7.58	1.67	1182.41	754.69	834.52	1102.58	-166.65
11	1	1136	27.01	-18.42	-7.75	16.33	19.26	346.64	-183.42	296.97	-133.74	154.48
11	1	1137	30.15	-15.79	-13.52	27.88	9.96	135.11	-378.62	111.74	-355.24	107.06
11	1	1138	15.04	-22.63	13.60	-21.20	-7.21	732.64	199.72	234.37	697.98	-131.41
11	1	1139	17.48	-23.87	15.67	-22.06	-8.46	462.36	154.52	155.61	461.26	-18.31
11	1	1140	23.63	-2.21	5.75	15.67	-11.93	-16.59	-839.78	-179.29	-677.08	327.81
11	1	1141	21.24	-2.35	3.50	15.38	-10.19	-10.43	-929.95	-194.78	-745.60	368.14
11	1	1142	26.01	-1.39	8.63	15.98	-13.20	-7.78	-752.78	-152.18	-608.37	294.49
11	1	1143	22.11	-8.01	14.62	-0.52	-13.01	102.84	-188.29	0.91	-86.36	138.87
11	1	1144	18.82	-22.83	15.75	-19.76	-10.89	217.78	35.24	73.88	179.14	74.57
11	1	1145	22.05	-8.60	12.98	0.47	-13.99	49.41	-414.10	-56.01	-308.68	194.29
11	1	1146	21.33	-7.82	11.05	2.46	-13.93	13.95	-621.99	-108.37	-499.66	250.65
11	1	1147	21.10	-2.89	0.46	17.74	-8.32	2.99	-981.36	-197.18	-781.18	396.19
11	1	1148	19.46	-6.99	-6.39	18.87	-3.93	19.23	-933.29	-157.81	-756.25	370.53
11	1	1149	20.35	-11.08	-11.07	20.34	-0.45	33.08	-869.74	-111.41	-725.26	331.01
11	1	1150	24.54	-15.30	-15.16	24.39	2.41	60.05	-747.86	-41.44	-646.37	267.75
11	1	1151	20.40	-4.20	-2.53	18.73	-6.19	8.61	-977.45	-184.53	-784.31	391.34
11	1	1152	27.67	-17.59	-16.98	27.07	5.19	93.22	-550.26	37.49	-494.53	180.99
11	1	1153	43.84	-11.48	6.51	25.84	25.92	394.90	-87.08	341.31	-33.49	151.52
11	1	1154	39.83	-4.44	5.13	30.26	18.22	244.46	-214.14	235.43	-205.10	63.72
11	1	1155	31.99	-9.48	-7.96	30.47	7.79	103.34	-322.49	98.39	-317.54	45.63
11	4	46	102.90	-73.27	-70.03	99.66	23.67	2549.66	1231.77	2363.66	1417.78	-458.84
11	4	62	16.28	-7.68	4.22	4.38	-11.98	1298.60	192.54	458.84	1032.30	472.90
11	4	971	-0.35	-49.68	-0.87	-49.16	5.08	990.52	-1.39	159.52	829.61	-365.67
11	4	981	47.19	6.42	10.19	43.41	-11.82	934.57	23.39	190.85	767.12	-352.90
11	4	982	81.67	7.98	9.96	79.68	-11.93	1015.35	133.94	302.17	847.12	-346.38
11	4	983	6.24	-4.53	-4.26	5.97	-1.69	1102.06	380.00	434.40	1047.66	-190.58
11	4	1061	5.69	-12.01	-8.46	2.14	7.09	1000.62	719.83	766.84	953.61	-104.83
11	4	1062	11.82	-6.55	-5.16	10.43	4.85	219.35	118.23	157.27	180.31	49.23
11	4	1063	11.18	-1.64	-1.61	11.16	0.58	15.59	-478.51	-125.86	-337.06	223.35
11	4	1064	13.01	-1.34	-1.28	12.95	-0.95	-45.65	-869.92	-243.04	-672.53	351.76
11	4	1065	15.08	-2.92	-2.82	14.97	-1.37	-97.94	-1144.45	-296.00	-946.38	409.94
11	4	1066	17.35	-1.87	-1.59	17.08	-2.29	-103.95	-1183.13	-292.41	-994.67	409.71
11	4	1067	19.56	4.15e-02	0.60	19.00	-3.26	-47.29	-1030.80	-225.69	-852.40	378.99
11	4	1068	22.15	3.97	4.97	21.15	-4.13	112.15	-708.32	-44.24	-551.92	322.27
11	4	1069	23.38	4.15	8.65	18.88	-8.14	541.69	-176.38	386.68	-21.37	295.43
11	4	1070	-0.38	-22.54	-1.75	-21.17	5.34	684.85	-4.16	125.07	555.63	-268.96
11	4	1071	5.26	-2.68	1.10	1.48	-3.97	133.17	-15.58	7.86	109.73	-54.20

11	4	1072	18.17	-1.47	1.54	15.16	-7.08	6.39	-425.85	-85.32	-334.14	176.72
11	4	1073	17.12	-1.65	0.68	14.79	-6.19	5.84	-886.65	-153.46	-727.35	341.76
11	4	1074	11.15	-1.81	-0.14	9.48	-4.33	15.09	-1117.40	-190.14	-912.17	436.23
11	4	1075	3.73	-1.72	-0.81	2.82	-2.03	-12.06	-1124.38	-199.57	-936.88	416.42
11	4	1076	-0.65	-3.33	-0.66	-3.32	-0.20	-3.91	-941.38	-170.14	-775.15	358.06
11	4	1077	0.76	-6.15	0.76	-6.14	0.16	4.28	-588.77	-97.84	-486.65	223.92
11	4	1078	-6.48	-14.84	-7.01	-14.31	-2.03	7.95	-47.42	4.78	-44.26	-12.86
11	4	1079	0.74	-8.58	-0.22	-7.63	-2.82	66.49	-161.05	54.63	-149.19	-50.58
11	4	1080	-2.25	-9.14	-4.41	-6.98	-3.20	112.22	-62.03	104.79	-54.60	35.21
11	4	1081	4.43	-7.37	-6.87	3.93	-2.38	444.16	-87.60	277.39	79.17	246.72
11	4	1082	26.44	0.92	22.71	4.65	-9.01	887.02	196.84	661.42	422.44	323.74
11	4	1083	22.74	4.94	7.40	20.29	-6.14	277.45	-482.09	131.12	-335.77	299.55
11	4	1084	20.75	1.77	2.45	20.06	-3.54	14.39	-878.64	-156.60	-707.65	351.37
11	4	1085	18.39	-1.10	-0.67	17.96	-2.86	-85.90	-1142.68	-268.57	-960.01	399.59
11	4	1086	16.18	-2.67	-2.50	16.00	-1.83	-111.85	-1178.99	-301.04	-989.79	407.56
11	4	1087	14.04	-2.59	-2.53	13.98	-0.94	-68.61	-1034.21	-277.17	-825.65	397.35
11	4	1088	12.01	-3.29	-3.27	12.00	0.51	-26.03	-697.26	-197.80	-525.48	292.91
11	4	1089	10.71	-4.17	-4.16	10.70	0.37	91.46	-203.18	-9.24	-102.48	139.75
11	4	1090	12.38	-9.31	-6.78	9.86	6.95	529.90	394.47	401.72	522.65	-30.48
11	4	1091	30.05	-21.83	-10.82	19.04	21.21	1639.10	1123.41	1268.07	1494.44	-231.67
11	4	1092	-2.69	-37.16	-4.37	-35.49	7.41	867.04	1.49	167.18	701.35	-340.52
11	4	1093	-9.09e-02	-9.34	-9.76e-02	-9.33	0.25	423.70	-11.52	66.94	345.24	-167.30
11	4	1094	13.61	-1.87	1.52	10.22	-6.40	-3.14	-160.08	-39.56	-123.66	66.25
11	4	1095	18.83	-1.54	1.17	16.12	-6.92	8.86	-675.47	-119.89	-546.73	267.45
11	4	1096	14.45	-1.73	0.28	12.44	-5.34	13.15	-1025.81	-172.87	-839.79	398.33
11	4	1097	7.51	-1.88	-0.58	6.21	-3.25	1.63	-1145.27	-199.25	-944.39	435.93
11	4	1098	0.30	-1.84	-1.02	-0.51	-1.04	-10.87	-1069.20	-190.04	-890.03	396.89
11	4	1099	0.16	-5.57	0.15	-5.56	0.24	2.44	-771.44	-139.73	-629.27	299.69
11	4	1100	-1.24	-8.05	-1.35	-7.94	-0.86	-1.00	-351.82	-45.30	-307.52	116.52
11	4	1101	2.86	-1.78	-0.67	1.76	1.97	47.43	-570.92	-17.51	-505.97	189.58
11	4	1102	3.89	-1.93	-1.32	3.28	1.79	26.44	-778.33	-91.71	-660.18	284.83
11	4	1103	5.09	-1.42	-1.25	4.93	1.03	6.15	-951.51	-144.00	-801.36	348.22
11	4	1104	6.45	-1.09	-1.09	6.44	8.20e-02	-9.81	-1078.42	-178.04	-910.20	389.19
11	4	1105	8.03	-1.24	-1.17	7.96	-0.77	-16.96	-1130.62	-196.69	-950.88	409.70
11	4	1106	9.61	-1.03	-0.74	9.32	-1.73	-20.79	-1135.04	-202.46	-953.37	411.61
11	4	1107	11.24	-0.89	-0.24	10.59	-2.72	-1.03	-1112.48	-196.76	-916.75	423.36
11	4	1108	12.53	-0.79	0.36	11.39	-3.73	6.49	-1027.83	-181.12	-840.22	398.56
11	4	1109	12.74	-0.91	0.87	10.96	-4.59	12.89	-861.38	-160.01	-688.48	348.23
11	4	1110	12.74	-1.34	1.73	9.67	-5.81	18.07	-668.41	-129.83	-520.51	282.23
11	4	1111	12.30	-1.52	2.01	8.77	-6.02	27.43	-436.08	-94.98	-313.67	204.34
11	4	1112	9.13	-3.38	2.41	3.34	-6.24	34.67	-178.88	-54.49	-89.72	105.31
11	4	1113	6.57	-4.59	2.42	-0.44	-5.39	163.26	-4.78	-4.45	162.93	-7.43
11	4	1114	13.23	-1.36	2.19	9.67	-6.26	446.08	11.55	48.07	409.56	-120.56
11	4	1115	21.40	0.85	2.55	19.70	-5.66	708.56	10.16	101.59	617.13	-235.57
11	4	1116	29.04	-7.22	-5.92	27.75	6.72	911.43	343.13	367.51	887.04	-115.16
11	4	1117	21.36	-4.14	-4.03	21.25	1.66	548.01	213.55	213.61	547.94	-4.63
11	4	1118	18.85	-2.85	-2.84	18.85	-0.36	262.81	38.87	77.31	224.37	84.44
11	4	1119	17.68	-2.60	-2.53	17.60	-1.27	129.75	-221.10	-31.98	-59.37	174.89
11	4	1120	16.68	-3.24	-3.13	16.56	-1.48	60.66	-475.09	-117.88	-296.55	252.54
11	4	1121	16.49	-1.65	-1.53	16.36	-1.49	18.34	-686.41	-175.91	-492.16	314.91
11	4	1122	16.39	-2.24	-2.01	16.15	-2.07	-2.69	-856.63	-214.17	-645.15	368.60
11	4	1123	16.52	-3.12	-2.94	16.34	-1.88	-26.42	-1019.79	-243.59	-802.62	410.56
11	4	1124	16.25	-3.28	-3.14	16.10	-1.67	-56.55	-1128.82	-259.58	-925.78	420.10
11	4	1125	16.28	-2.88	-2.75	16.14	-1.59	-69.96	-1162.73	-261.19	-971.50	415.22
11	4	1126	16.42	-2.78	-2.65	16.29	-1.58	-60.49	-1165.70	-247.61	-978.58	414.48
11	4	1127	12.08	-2.56	-2.38	11.89	-1.62	-41.12	-1123.71	-217.80	-947.03	400.07
11	4	1128	10.15	-1.82	-1.56	9.89	-1.75	-1.19	-1005.62	-164.95	-841.86	371.04
11	4	1129	12.18	-0.75	-0.61	12.04	-1.35	56.48	-843.91	-85.08	-702.34	327.76
11	4	1130	13.59	0.91	1.06	13.44	-1.35	137.21	-663.01	34.04	-559.83	268.17
11	4	1131	8.03	1.24	1.76	7.52	-1.80	244.88	-479.16	173.40	-407.68	215.97
11	4	1132	46.06	-5.16	-5.15	46.05	-0.65	1016.02	137.51	277.20	876.33	-321.25
11	4	1133	4.40	-4.10	-2.50	2.80	3.32	261.04	-303.13	235.80	-277.89	116.63
11	4	1134	28.32	2.29	3.00	27.61	-4.25	904.25	28.15	186.10	746.31	-336.79
11	4	1135	34.35	-15.22	-14.22	33.35	6.97	1220.20	481.10	600.14	1101.15	-271.69
11	4	1136	8.14	1.02	1.17	7.99	-1.00	385.08	-259.35	326.55	-200.81	185.19
11	4	1137	4.41	0.36	0.44	4.32	-0.58	164.29	-432.11	133.44	-401.26	132.09
11	4	1138	38.43	-3.21	-2.86	38.07	-3.82	783.80	115.43	169.71	729.52	-182.58
11	4	1139	32.78	-2.36	-1.72	32.14	-4.69	497.65	76.70	85.56	488.79	-60.41
11	4	1140	5.83	-2.31	-1.44	4.96	-2.52	-8.19	-1035.47	-209.00	-834.66	407.38
11	4	1141	7.38	-2.64	-2.30	7.04	-1.81	-27.04	-1113.31	-224.28	-916.07	418.75
11	4	1142	3.91	-3.33	-1.54	2.12	-3.12	8.67	-871.86	-182.90	-680.29	363.30
11	4	1143	12.22	-2.54	-0.75	10.43	-4.82	93.76	-210.69	-51.24	-65.70	152.05
11	4	1144	29.17	-1.73	-0.84	28.28	-5.18	216.78	2.06	12.94	205.89	47.10
11	4	1145	12.80	-2.29	-1.07	11.58	-4.12	54.97	-459.18	-107.89	-296.32	239.19
11	4	1146	13.90	-2.30	-1.37	12.97	-3.77	28.35	-673.01	-152.78	-491.88	306.96
11	4	1147	6.73	-2.59	-2.46	6.59	-1.12	-39.97	-1145.28	-226.79	-958.47	414.23
11	4	1148	9.02	-2.56	-2.56	9.02	8.53e-02	-17.00	-1099.21	-187.98	-928.22	394.72

11	4	1149	8.83	-1.83	-1.83	8.82	-0.19	12.14	-976.20	-141.34	-822.72	357.96
11	4	1150	6.51	-1.18	-1.18	6.51	0.14	52.48	-796.20	-68.06	-675.65	296.27
11	4	1151	8.66	-2.48	-2.39	8.56	-1.04	-31.30	-1145.04	-214.19	-962.15	412.61
11	4	1152	5.94	3.35e-02	4.02e-02	5.93	0.20	93.10	-601.07	22.98	-530.95	209.19
11	4	1153	7.38	-1.96	1.29	4.13	-4.45	434.66	-151.24	374.73	-91.31	177.54
11	4	1154	0.60	-1.27	-1.25	0.58	0.18	268.04	-261.64	256.72	-250.32	76.60
11	4	1155	6.92e-02	-2.27	-2.22	1.72e-02	-0.34	111.18	-357.71	103.77	-350.29	58.48
11	33	46	86.09	-73.81	-72.38	84.66	15.09	2945.60	1304.86	2845.72	1404.74	-392.30
11	33	62	39.36	-11.57	14.27	13.51	25.46	1294.77	219.25	431.04	1082.98	427.70
11	33	971	29.52	1.53	3.20	27.84	-6.64	838.75	-12.18	138.00	688.56	-324.41
11	33	981	15.21	1.66	8.56	8.31	-6.77	814.05	14.59	178.23	650.41	-322.55
11	33	982	25.60	4.62	11.08	19.14	-9.68	942.17	184.12	339.11	787.18	-305.72
11	33	983	-0.22	-25.36	-5.14	-20.44	-9.97	1043.80	574.51	592.01	1026.30	-88.92
11	33	1061	18.70	-23.28	18.64	-23.22	-1.59	1015.38	878.60	969.06	924.91	-64.73
11	33	1062	8.45	-24.17	8.45	-24.16	-0.35	284.15	114.98	255.91	143.23	63.09
11	33	1063	-1.51	-29.44	-1.64	-29.31	1.86	38.06	-446.35	-56.20	-352.10	191.76
11	33	1064	-6.52	-31.97	-7.58	-30.91	5.08	-59.60	-824.20	-206.03	-677.76	300.87
11	33	1065	-8.28	-32.75	-11.44	-29.60	8.20	-76.01	-1006.21	-263.02	-819.20	372.80
11	33	1066	-8.86	-33.09	-15.89	-26.05	11.00	-64.16	-1055.20	-259.48	-859.88	394.23
11	33	1067	-7.42	-32.92	-19.55	-20.79	12.74	-20.00	-946.24	-190.81	-775.43	359.21
11	33	1068	-3.23	-31.12	-20.17	-14.19	13.62	127.03	-652.19	-10.82	-514.34	297.34
11	33	1069	13.26	-25.02	-9.93	-1.82	18.70	534.39	-101.05	399.12	34.23	260.11
11	33	1070	39.26	0.56	6.98	32.84	-14.40	623.96	-4.58	111.18	508.20	-243.63
11	33	1071	43.53	0.96	8.54	35.95	-16.29	115.86	4.67	25.05	95.49	-43.01
11	33	1072	51.68	0.81	11.10	41.38	-20.44	-0.74	-404.77	-66.09	-339.42	148.77
11	33	1073	62.09	0.89	13.31	49.67	-24.61	1.78	-759.92	-136.03	-622.12	293.21
11	33	1074	67.78	1.02	14.15	54.65	-26.54	-1.70	-963.36	-179.37	-785.69	373.22
11	33	1075	66.56	1.04	13.48	54.12	-25.70	10.92	-1006.57	-187.37	-808.28	403.04
11	33	1076	56.22	0.88	10.73	46.37	-21.16	5.89	-871.22	-158.22	-707.10	342.07
11	33	1077	32.35	0.18	4.57	27.96	-11.04	1.69	-563.71	-92.58	-469.44	210.74
11	33	1078	4.80	2.30	2.48	4.62	0.64	13.35	-35.75	7.19	-29.60	-16.25
11	33	1079	20.38	5.30e-02	5.88	14.55	9.19	65.43	-142.72	49.92	-127.21	-54.66
11	33	1080	41.31	1.20	19.02	23.49	19.93	93.54	-32.07	87.07	-25.59	27.78
11	33	1081	51.47	4.29	26.21	29.55	23.53	407.93	-70.89	224.70	112.34	232.72
11	33	1082	36.26	-13.79	8.92	13.55	24.91	827.58	256.83	613.08	471.33	276.44
11	33	1083	2.92	-28.88	-16.95	-9.01	15.40	283.60	-415.26	154.94	-286.60	270.85
11	33	1084	-5.97	-32.32	-20.56	-17.73	13.10	32.23	-830.96	-120.36	-678.38	329.28
11	33	1085	-8.33	-33.11	-17.88	-23.56	12.06	-48.01	-1015.57	-234.93	-828.66	381.99
11	33	1086	-8.74	-32.94	-13.62	-28.06	9.71	-70.65	-1054.25	-268.46	-856.44	394.25
11	33	1087	-7.51	-32.45	-9.38	-30.58	6.56	-76.60	-932.87	-242.94	-766.52	338.77
11	33	1088	-3.63	-30.85	-3.97	-30.51	3.01	-21.31	-656.68	-144.79	-533.19	251.42
11	33	1089	3.37	-27.31	3.30	-27.25	1.41	131.47	-192.82	68.48	-129.84	128.29
11	33	1090	14.72	-20.57	14.72	-20.57	-4.54e-02	539.73	485.39	539.43	485.70	-4.04
11	33	1091	19.82	-8.42	12.36	-0.97	12.45	1708.50	1338.70	1571.23	1475.97	-178.66
11	33	1092	34.89	1.71	6.71	29.89	-11.87	751.50	-5.71	144.79	601.00	-302.17
11	33	1093	41.41	0.76	7.63	34.54	-15.23	391.54	0.60	70.47	321.68	-149.77
11	33	1094	46.87	0.99	9.79	38.07	-18.07	1.98	-157.13	-23.04	-132.11	57.92
11	33	1095	57.16	0.82	12.30	45.68	-22.70	-0.72	-604.85	-106.09	-499.48	229.25
11	33	1096	65.71	0.95	13.90	52.77	-25.90	-1.04	-883.53	-162.82	-721.75	341.46
11	33	1097	68.12	1.09	14.06	55.15	-26.48	4.62	-1006.75	-187.75	-814.38	396.93
11	33	1098	62.77	1.06	12.50	51.34	-23.97	9.91	-955.32	-177.64	-767.77	381.91
11	33	1099	46.35	0.64	8.14	38.85	-16.93	1.52	-742.93	-129.85	-611.55	283.80
11	33	1100	16.14	0.30	1.07	15.37	-3.40	-3.73	-333.60	-45.21	-292.12	109.37
11	33	1101	25.52	-8.06	-8.06	25.51	-0.36	45.11	-541.32	-11.72	-484.49	173.49
11	33	1102	29.39	-5.09	-4.39	28.69	-4.86	27.43	-747.35	-78.92	-640.99	266.63
11	33	1103	33.60	-2.85	-0.51	31.26	-8.93	16.92	-877.87	-128.81	-732.15	330.39
11	33	1104	37.52	-1.61	2.63	33.28	-12.16	11.68	-960.70	-162.38	-786.64	375.77
11	33	1105	40.05	-0.90	5.07	34.08	-14.46	7.11	-1010.20	-181.22	-821.87	392.13
11	33	1106	41.18	-0.64	6.76	33.79	-15.96	4.77	-1015.80	-187.34	-823.69	398.95
11	33	1107	41.28	-0.55	8.09	32.64	-16.93	-5.11	-968.33	-182.22	-791.21	373.13
11	33	1108	40.60	-0.56	9.12	30.92	-17.45	-5.29	-885.32	-167.15	-723.45	340.95
11	33	1109	39.40	-0.52	9.93	28.95	-17.55	-1.14	-775.61	-142.07	-634.68	298.80
11	33	1110	38.32	-0.26	10.42	27.64	-17.26	6.31	-616.26	-109.94	-500.01	242.61
11	33	1111	34.60	-0.43	10.61	23.57	-16.27	17.50	-410.08	-72.46	-320.13	174.27
11	33	1112	32.76	0.29	10.52	22.54	-15.08	37.13	-168.18	-30.60	-100.45	96.53
11	33	1113	30.18	0.53	10.14	20.57	-13.87	147.23	12.65	13.05	146.83	7.35
11	33	1114	23.79	-0.87	9.40	13.51	-12.16	414.48	31.61	59.05	387.03	-98.76
11	33	1115	19.68	-3.72	8.37	7.59	-11.70	658.39	32.48	112.36	578.52	-208.84
11	33	1116	14.15	-13.55	13.66	-13.06	3.64	880.27	491.35	502.52	869.10	-64.96
11	33	1117	13.77	-15.79	13.54	-15.57	-2.55	528.74	308.18	312.61	524.31	30.94
11	33	1118	11.99	-17.31	11.01	-16.33	-5.25	281.86	68.11	152.89	197.08	104.57
11	33	1119	9.40	-17.94	8.04	-16.58	-5.95	148.81	-198.46	31.30	-80.95	164.31
11	33	1120	6.62	-17.81	5.35	-16.54	-5.42	69.09	-436.53	-58.44	-309.00	219.59
11	33	1121	2.98	-16.80	1.91	-15.73	-4.47	14.96	-644.38	-130.41	-499.02	273.34
11	33	1122	0.17	-14.96	-0.38	-14.41	-2.83	-21.72	-810.82	-182.51	-650.03	317.84
11	33	1123	-2.11	-12.88	-2.30	-12.69	-1.41	-38.22	-919.37	-213.91	-743.68	352.06
11	33	1124	-4.68	-11.04	-4.70	-11.02	0.31	-37.98	-992.20	-230.71	-799.46	383.10

11	33	1125	-5.97	-10.31	-7.27	-9.01	1.99	-32.25	-1039.55	-232.47	-839.33	401.99
11	33	1126	-4.35	-12.11	-9.68	-6.78	3.60	-24.78	-1039.23	-218.75	-845.26	398.94
11	33	1127	-0.18	-14.37	-12.15	-2.40	5.15	-7.71	-997.98	-188.22	-817.46	382.33
11	33	1128	3.93	-16.62	-14.45	1.77	6.30	21.58	-923.36	-134.64	-767.14	351.01
11	33	1129	6.20	-18.46	-16.19	3.93	7.14	70.22	-801.24	-54.81	-676.22	305.49
11	33	1130	9.85	-18.77	-16.27	7.35	8.08	146.01	-614.83	57.60	-526.42	243.82
11	33	1131	16.05	-16.85	-13.29	12.50	10.22	230.15	-425.86	169.24	-364.95	190.39
11	33	1132	8.48	-4.21	5.78	-1.52	-5.19	957.81	199.65	322.63	834.83	-279.49
11	33	1133	24.47	-6.15	-2.95	21.27	9.37	240.61	-265.72	219.66	-244.77	100.84
11	33	1134	19.20	-6.22	7.84	5.14	-12.64	809.74	21.64	165.34	666.05	-304.30
11	33	1135	7.48	1.02	5.32	3.18	3.05	1191.77	682.97	772.77	1101.97	-193.97
11	33	1136	21.38	-12.67	-5.41	14.12	13.95	356.96	-203.24	304.94	-151.22	162.59
11	33	1137	23.27	-11.42	-9.86	21.70	7.19	142.91	-392.50	117.60	-367.19	113.62
11	33	1138	11.61	-7.89	9.30	-5.58	-6.31	745.94	177.65	217.27	706.33	-144.72
11	33	1139	13.71	-10.36	11.11	-7.76	-7.47	471.14	134.42	136.98	468.58	-29.27
11	33	1140	18.83	-2.12	3.87	12.84	-9.47	-14.26	-892.00	-187.06	-719.20	349.02
11	33	1141	17.34	-2.18	1.98	13.17	-8.00	-14.92	-978.72	-202.48	-791.17	381.56
11	33	1142	20.19	-1.88	5.97	12.34	-10.56	-3.41	-784.42	-160.23	-627.60	312.86
11	33	1143	18.11	-5.12	10.60	2.39	-10.87	99.52	-193.36	-12.94	-80.91	142.44
11	33	1144	15.34	-11.02	11.40	-7.08	-9.40	215.08	28.82	57.68	186.23	67.40
11	33	1145	18.14	-5.42	9.30	3.42	-11.41	50.01	-425.21	-69.78	-305.42	206.34
11	33	1146	17.86	-4.82	7.79	5.24	-11.27	17.08	-634.80	-120.12	-497.60	265.73
11	33	1147	17.15	-2.67	-0.30	14.78	-6.44	-8.85	-1024.61	-204.90	-828.56	400.88
11	33	1148	16.63	-5.76	-5.39	16.26	2.88	9.31	-977.11	-165.66	-802.14	376.80
11	33	1149	17.31	-8.65	-8.64	17.30	-0.39	27.52	-897.89	-119.20	-751.17	338.01
11	33	1150	19.79	-11.59	-11.49	19.68	1.82	57.97	-760.34	-48.38	-653.99	275.16
11	33	1151	17.22	-3.68	-2.49	16.03	-4.84	-2.37	-1021.69	-192.25	-831.80	396.86
11	33	1152	21.96	-12.95	-12.52	21.52	3.88	93.10	-563.39	33.69	-503.98	188.34
11	33	1153	32.09	-6.82	5.14	20.13	17.96	405.43	-103.90	350.12	-48.59	158.47
11	33	1154	29.47	-3.54	3.46	22.47	13.49	250.72	-226.53	241.05	-216.87	67.23
11	33	1155	23.55	-7.52	-6.45	22.48	5.65	105.40	-331.60	99.83	-326.03	49.02
11	36	46	96.82	-73.46	-70.92	94.28	20.66	2684.61	1263.77	2535.47	1412.91	-435.51
11	36	62	9.10	6.44	7.81	7.73	1.33	1296.33	202.67	448.86	1050.15	456.77
11	36	971	0.61	-21.43	0.58	-21.39	0.92	936.99	-5.18	151.91	779.89	-351.18
11	36	981	34.95	5.67	9.61	31.00	-10.00	891.99	20.32	186.31	726.01	-342.25
11	36	982	60.51	7.93	10.39	58.06	-11.09	989.59	151.85	315.47	825.97	-332.11
11	36	983	0.60	-8.65	-4.59	-3.45	-4.59	1080.86	449.67	490.27	1040.25	-154.86
11	36	1061	2.87	-8.58	1.20	-6.91	4.04	995.91	786.60	839.12	943.40	-90.74
11	36	1062	2.01	-4.23	-0.33	-1.89	3.02	235.55	124.37	192.65	167.27	54.12
11	36	1063	-1.12	-3.79	-1.66	-3.26	1.07	22.30	-465.32	-100.70	-342.31	211.78
11	36	1064	-1.81	-4.41	-3.55	-2.67	1.22	-51.52	-852.73	-229.82	-674.44	333.26
11	36	1065	-0.17	-6.63	-5.90	-0.90	2.04	-90.07	-1094.12	-284.23	-899.96	396.55
11	36	1066	2.37	-7.33	-6.68	1.71	2.44	-89.71	-1136.52	-280.69	-945.54	404.29
11	36	1067	5.32	-7.06	-6.56	4.82	2.43	-37.47	-1000.39	-213.32	-824.53	372.03
11	36	1068	8.92	-4.34	-3.97	8.55	2.18	117.38	-688.44	-32.39	-538.68	313.45
11	36	1069	11.69	1.83	2.04	11.48	1.41	539.14	-149.69	391.20	-1.75	282.87
11	36	1070	2.27	-2.50	1.43	-1.66	-1.81	663.33	-4.43	120.06	538.84	-260.06
11	36	1071	18.83	-0.99	3.80	14.04	-8.48	126.92	-8.12	14.30	104.51	-50.24
11	36	1072	30.28	-0.62	4.96	24.70	-11.89	3.38	-417.74	-78.24	-336.12	166.46
11	36	1073	33.08	-0.66	5.17	27.25	-12.75	4.32	-840.45	-147.18	-688.94	324.08
11	36	1074	31.23	-0.75	4.94	25.55	-12.23	8.92	-1061.33	-186.36	-866.04	413.37
11	36	1075	26.05	-0.73	4.27	21.05	-10.44	-3.98	-1081.35	-195.30	-890.03	411.73
11	36	1076	18.27	-0.54	3.39	14.34	-7.65	-0.36	-916.11	-165.97	-750.49	352.46
11	36	1077	8.33	-0.24	2.12	5.98	-3.83	3.36	-579.98	-96.00	-480.61	219.29
11	36	1078	-3.36	-7.86	-3.63	-7.58	-1.08	9.72	-43.19	5.66	-39.13	-14.08
11	36	1079	2.78	-0.58	1.95	0.25	1.45	66.00	-154.58	52.91	-141.49	-52.11
11	36	1080	8.91	-1.14	3.92	3.86	5.02	105.41	-51.37	98.42	-44.37	32.36
11	36	1081	16.93	1.01	4.89	13.05	6.83	430.44	-80.78	258.69	90.96	241.46
11	36	1082	18.66	6.99	17.79	7.85	3.05	865.10	218.23	643.65	439.68	306.93
11	36	1083	10.04	-1.46	-1.26	9.84	1.52	279.59	-458.44	139.58	-318.43	289.36
11	36	1084	7.03	-6.17	-5.73	6.59	2.38	20.67	-861.73	-143.75	-697.31	343.59
11	36	1085	3.73	-7.36	-6.79	3.16	2.45	-72.34	-1096.48	-256.62	-912.19	393.42
11	36	1086	1.00	-7.15	-6.45	0.31	2.28	-97.11	-1133.46	-289.43	-941.14	402.89
11	36	1087	-1.11	-5.78	-4.99	-1.89	1.74	-71.79	-997.24	-264.94	-804.08	376.09
11	36	1088	-1.91	-4.78	-3.55	-3.14	1.42	-25.29	-681.63	-178.72	-528.20	277.78
11	36	1089	-1.16	-3.18	-1.53	-2.81	0.78	103.82	-197.15	18.74	-112.07	135.53
11	36	1090	4.54	-4.63	0.88	-0.98	4.49	516.47	444.15	451.00	509.62	-21.17
11	36	1091	24.16	-14.85	-2.55	11.86	18.13	1652.18	1211.70	1376.22	1487.66	-213.07
11	36	1092	-0.32	-11.93	-0.34	-11.91	0.48	826.31	-1.12	159.22	665.97	-327.05
11	36	1093	10.37	-1.08	2.72	6.57	-5.39	412.26	-7.17	68.32	336.78	-161.13
11	36	1094	25.74	-0.85	4.49	20.40	-10.65	-1.55	-158.65	-33.40	-126.80	63.16
11	36	1095	32.52	-0.63	5.14	26.76	-12.56	5.28	-649.66	-114.88	-529.50	253.50
11	36	1096	32.62	-0.70	5.12	26.80	-12.65	7.92	-973.98	-169.33	-796.72	377.66
11	36	1097	29.02	-0.80	4.62	23.60	-11.50	2.60	-1094.83	-195.22	-897.00	421.86
11	36	1098	22.44	-0.74	3.78	17.91	-9.19	-3.54	-1027.70	-185.70	-845.53	391.64
11	36	1099	13.50	-0.28	2.99	10.22	-5.86	2.11	-761.42	-136.27	-623.04	294.12
11	36	1100	1.74	-1.88	-0.49	0.35	-1.76	-1.98	-345.43	-45.27	-302.13	113.99

11	36	1101	10.29	-3.39	-3.30	10.20	1.14	46.60	-560.52	-15.47	-498.45	183.93
11	36	1102	12.33	-2.43	-2.41	12.31	-0.57	26.77	-767.42	-87.22	-653.43	278.45
11	36	1103	14.69	-1.39	-0.99	14.29	-2.51	10.05	-925.00	-138.68	-776.28	341.97
11	36	1104	17.07	-0.85	0.23	15.99	-4.27	-2.19	-1035.58	-172.56	-865.22	383.44
11	36	1105	19.02	-0.72	1.05	17.25	-5.63	-8.46	-1086.70	-191.27	-903.88	404.60
11	36	1106	20.52	-0.55	1.92	18.04	-6.78	-11.78	-1091.46	-197.15	-906.09	407.16
11	36	1107	21.67	-0.47	2.72	18.48	-7.77	-2.60	-1060.01	-191.65	-870.96	405.17
11	36	1108	22.34	-0.46	3.47	18.41	-8.61	2.12	-975.93	-176.20	-797.61	377.63
11	36	1109	22.17	-0.60	4.09	17.49	-9.21	7.61	-830.07	-153.60	-668.86	330.23
11	36	1110	21.95	-0.90	4.82	16.23	-9.90	13.50	-649.20	-122.65	-513.04	267.75
11	36	1111	20.32	-1.10	5.07	14.16	-9.70	23.33	-426.15	-86.77	-316.05	193.30
11	36	1112	17.56	-1.98	5.29	10.29	-9.44	35.15	-174.51	-45.71	-93.65	102.05
11	36	1113	14.67	-2.41	5.17	7.08	-8.49	157.09	1.94	1.97	157.05	-2.20
11	36	1114	16.84	-1.08	4.77	10.99	-8.41	434.73	18.79	52.09	401.43	-112.88
11	36	1115	19.43	0.50	4.63	15.30	-7.82	690.83	18.21	105.62	603.42	-226.17
11	36	1116	15.40	-1.16	1.05	13.19	5.64	900.16	396.23	415.87	880.52	-97.51
11	36	1117	8.12	2.22	2.23	8.11	0.18	539.71	248.89	249.11	539.50	7.90
11	36	1118	7.14	1.23	2.08	6.29	-2.08	266.44	52.74	104.47	214.71	91.53
11	36	1119	6.90	-0.28	1.22	5.40	-2.91	135.33	-211.47	-9.17	-66.97	170.98
11	36	1120	6.07	-1.45	-0.12	4.74	-2.87	62.65	-459.97	-96.40	-300.92	240.47
11	36	1121	5.93	-1.35	-0.32	4.90	-2.54	16.30	-670.43	-159.54	-494.59	299.73
11	36	1122	5.96	-2.18	-1.45	5.24	-2.32	-10.31	-839.49	-202.88	-646.93	350.13
11	36	1123	6.29	-3.05	-2.73	5.97	-1.70	-30.97	-983.17	-233.01	-781.12	389.32
11	36	1124	6.50	-3.79	-3.70	6.41	-0.96	-49.93	-1079.08	-249.31	-879.69	406.75
11	36	1125	7.16	-4.38	-4.37	7.15	-0.31	-56.51	-1117.78	-250.99	-923.30	410.58
11	36	1126	8.05	-5.16	-5.16	8.04	0.27	-47.74	-1119.63	-237.38	-930.00	409.03
11	36	1127	6.83	-5.90	-5.85	6.78	0.79	-29.17	-1078.02	-207.33	-899.86	393.85
11	36	1128	7.07	-6.24	-6.15	6.98	1.12	7.00	-976.03	-154.23	-814.80	364.01
11	36	1129	9.33	-6.33	-6.15	9.15	1.67	61.30	-828.80	-74.36	-693.14	319.91
11	36	1130	11.51	-5.34	-5.10	11.27	2.00	140.27	-645.97	42.40	-548.10	259.56
11	36	1131	9.78	-4.05	-3.59	9.32	2.47	239.49	-460.36	171.78	-392.66	206.88
11	36	1132	29.21	-1.44	-1.27	29.04	-2.26	995.51	159.54	293.42	861.62	-306.59
11	36	1133	11.48	-4.78	-2.66	9.36	5.47	253.65	-289.91	229.99	-266.25	110.91
11	36	1134	22.54	1.80	4.74	19.61	-7.23	870.92	25.61	178.52	718.01	-325.38
11	36	1135	23.59	-8.27	-7.26	22.58	5.59	1210.60	553.06	661.89	1101.76	-244.37
11	36	1136	11.65	-2.62	-1.17	10.21	4.31	374.76	-239.52	318.57	-183.34	177.08
11	36	1137	10.84	-3.56	-3.22	10.51	2.18	156.45	-418.19	127.58	-389.32	125.52
11	36	1138	23.46	0.44	1.45	22.45	-4.71	770.28	137.71	186.82	721.17	-169.27
11	36	1139	19.76	0.92	2.83	17.85	-5.68	487.85	97.81	104.18	481.48	-49.44
11	36	1140	10.30	-2.07	0.44	7.78	-4.98	-10.52	-983.25	-201.23	-792.54	386.18
11	36	1141	10.65	-2.19	-0.78	9.25	-4.01	-22.78	-1064.31	-216.58	-870.51	405.33
11	36	1142	9.65	-2.76	1.13	5.76	-5.76	4.03	-839.95	-174.85	-661.06	344.93
11	36	1143	12.67	-1.88	3.28	7.52	-6.96	95.17	-203.71	-37.39	-71.14	148.48
11	36	1144	18.56	0.55	3.51	15.60	-6.67	214.69	13.28	29.15	198.81	54.27
11	36	1145	12.97	-1.73	2.61	8.63	-6.70	52.44	-446.14	-94.13	-299.58	227.14
11	36	1146	13.68	-1.61	1.89	10.18	-6.43	23.59	-658.57	-141.04	-493.94	291.89
11	36	1147	10.31	-2.45	-1.70	9.55	-3.01	-28.93	-1101.23	-219.07	-911.10	409.55
11	36	1148	11.69	-3.63	-3.57	11.63	-0.97	-7.62	-1054.83	-180.13	-882.33	388.45
11	36	1149	11.86	-4.26	-4.26	11.86	-0.25	17.69	-948.03	-133.54	-796.80	350.97
11	36	1150	11.25	-4.88	-4.84	11.21	0.74	54.38	-783.53	-61.12	-668.04	288.85
11	36	1151	11.66	-2.83	-2.43	11.26	-2.39	-21.02	-1100.10	-206.47	-914.65	407.09
11	36	1152	11.62	-4.57	-4.42	11.48	1.51	93.07	-587.79	26.78	-521.50	201.84
11	36	1153	11.28	1.23	2.66	9.85	3.51	424.09	-134.38	365.92	-76.21	170.59
11	36	1154	10.71	-1.92	0.42	8.36	4.91	261.77	-249.24	251.09	-238.56	73.10
11	36	1155	8.27	-3.99	-3.72	8.00	1.79	109.06	-348.53	102.33	-341.80	55.09
11	65	46	86.54	-73.79	-72.31	85.06	15.33	2934.24	1303.51	2832.67	1405.09	-394.11
11	65	62	38.09	-10.82	14.00	13.27	24.45	1294.79	218.61	431.79	1081.61	428.92
11	65	971	27.41	1.45	3.09	25.77	-6.32	842.86	-11.88	138.58	692.39	-325.53
11	65	981	15.85	2.01	8.61	9.26	-6.91	817.30	14.85	178.57	653.58	-323.38
11	65	982	26.81	5.03	11.05	20.78	-9.74	944.15	182.77	338.11	788.81	-306.83
11	65	983	-0.24	-24.60	-5.12	-19.73	-9.75	1045.25	569.37	587.74	1026.88	-91.69
11	65	1061	17.95	-22.58	17.91	-22.53	-1.35	1013.13	876.15	963.59	925.69	-65.82
11	65	1062	8.08	-23.23	8.08	-23.23	-0.21	281.82	115.65	253.24	144.23	62.71
11	65	1063	-1.51	-28.34	-1.64	-28.22	1.83	37.30	-447.06	-58.07	-351.69	192.61
11	65	1064	-6.38	-30.76	-7.41	-29.72	4.92	-59.30	-825.35	-207.04	-677.62	302.24
11	65	1065	-8.10	-31.50	-11.21	-28.39	7.94	-76.60	-1009.92	-263.91	-822.62	373.81
11	65	1066	-8.57	-31.82	-15.50	-24.88	10.64	-65.25	-1058.61	-260.37	-863.50	394.65
11	65	1067	-7.05	-31.67	-19.01	-19.71	12.30	-20.74	-948.52	-191.75	-777.51	359.75
11	65	1068	-2.85	-29.87	-19.49	-13.23	13.14	126.62	-653.71	-11.73	-515.37	298.02
11	65	1069	13.09	-23.78	-9.43	-1.26	17.98	534.59	-103.09	398.78	32.72	261.07
11	65	1070	37.61	0.51	6.74	31.38	-13.87	625.61	-4.57	111.56	509.48	-244.32
11	65	1071	42.48	0.89	8.34	35.02	-15.96	116.32	4.13	24.59	95.87	-43.32
11	65	1072	50.77	0.75	10.84	40.68	-20.08	-0.60	-405.29	-66.61	-339.28	149.52
11	65	1073	60.87	0.83	12.97	48.72	-24.12	1.88	-763.33	-136.50	-624.95	294.52
11	65	1074	66.24	0.95	13.77	53.43	-25.94	-1.25	-967.50	-179.67	-789.09	374.92
11	65	1075	64.86	0.96	13.09	52.73	-25.06	10.26	-1009.71	-187.71	-811.74	403.40
11	65	1076	54.62	0.82	10.42	45.02	-20.60	5.63	-873.11	-158.55	-708.94	342.51

11	65	1077	31.33	0.17	4.46	27.04	-10.74	1.76	-564.39	-92.72	-469.91	211.10
11	65	1078	4.27	2.06	2.22	4.11	0.57	13.18	-36.05	7.13	-30.00	-16.16
11	65	1079	19.61	5.71e-02	5.72	13.95	8.87	65.45	-143.20	50.05	-127.81	-54.55
11	65	1080	39.94	1.11	18.38	22.67	19.30	94.04	-32.88	87.54	-26.38	27.97
11	65	1081	49.98	4.19	25.31	28.86	22.83	408.83	-71.26	226.12	111.45	233.10
11	65	1082	35.38	-12.78	9.29	13.31	23.99	829.13	255.24	614.37	470.01	277.72
11	65	1083	3.10	-27.61	-16.29	-8.22	14.82	283.43	-417.07	154.30	-287.94	271.63
11	65	1084	-5.57	-31.07	-19.93	-16.71	12.65	31.74	-832.25	-121.34	-679.17	329.88
11	65	1085	-8.00	-31.85	-17.42	-22.44	11.66	-49.05	-1018.98	-235.84	-832.19	382.47
11	65	1086	-8.51	-31.68	-13.32	-26.87	9.40	-71.78	-1057.58	-269.34	-860.02	394.61
11	65	1087	-7.36	-31.21	-9.20	-29.37	6.36	-76.40	-935.57	-243.87	-768.11	340.35
11	65	1088	-3.61	-29.70	-3.95	-29.36	2.95	-21.53	-657.68	-146.22	-532.98	252.53
11	65	1089	3.16	-26.29	3.10	-26.22	1.39	130.17	-192.88	66.39	-129.09	128.59
11	65	1090	14.14	-19.75	14.14	-19.75	0.14	536.16	486.24	535.70	486.70	-4.76
11	65	1091	19.72	-8.41	11.74	-0.42	12.69	1704.98	1334.51	1563.03	1476.46	-180.10
11	65	1092	32.97	1.57	6.41	28.13	-11.34	754.63	-5.51	145.40	603.73	-303.21
11	65	1093	40.08	0.70	7.42	33.36	-14.82	392.41	0.27	70.37	322.31	-150.25
11	65	1094	45.98	0.91	9.57	37.32	-17.76	1.81	-157.17	-23.48	-131.88	58.14
11	65	1095	56.12	0.76	12.00	44.88	-22.27	-0.47	-606.74	-106.46	-500.75	230.27
11	65	1096	64.32	0.88	13.53	51.67	-25.34	-0.66	-887.35	-163.10	-724.92	342.99
11	65	1097	66.48	1.01	13.66	53.83	-25.85	4.53	-1010.46	-188.07	-817.87	397.98
11	65	1098	61.08	0.99	12.13	49.93	-23.35	9.32	-958.36	-177.98	-771.06	382.32
11	65	1099	44.96	0.61	7.92	37.65	-16.46	1.55	-743.70	-130.12	-612.03	284.23
11	65	1100	15.50	0.24	1.00	14.74	-3.33	-3.65	-334.09	-45.21	-292.54	109.57
11	65	1101	24.87	-7.86	-7.86	24.87	-0.30	45.18	-542.13	-11.87	-485.08	173.93
11	65	1102	28.67	-4.98	-4.31	28.01	-4.68	27.40	-748.19	-79.27	-641.52	267.13
11	65	1103	32.80	-2.78	-0.53	30.55	-8.66	16.63	-879.85	-129.22	-734.01	330.87
11	65	1104	36.66	-1.57	2.53	32.55	-11.83	11.08	-963.84	-162.81	-789.96	373.21
11	65	1105	39.16	-0.89	4.90	33.37	-14.08	6.44	-1013.41	-181.64	-825.33	395.52
11	65	1106	40.31	-0.63	6.55	33.13	-15.57	4.05	-1018.97	-187.75	-827.17	399.29
11	65	1107	40.45	-0.54	7.86	32.05	-16.55	-5.01	-972.20	-182.62	-794.58	374.49
11	65	1108	39.82	-0.55	8.88	30.39	-17.08	-4.97	-889.14	-167.53	-726.58	342.50
11	65	1109	38.67	-0.52	9.68	28.47	-17.20	-0.78	-777.90	-142.55	-636.13	300.13
11	65	1110	37.63	-0.28	10.19	27.16	-16.95	6.60	-617.64	-110.48	-500.56	243.68
11	65	1111	34.00	-0.45	10.38	23.17	-16.00	17.71	-410.73	-73.06	-319.95	175.07
11	65	1112	32.12	0.20	10.30	22.02	-14.84	37.02	-168.42	-31.24	-100.16	96.76
11	65	1113	29.51	0.42	9.93	20.00	-13.65	147.62	12.22	12.58	147.26	6.95
11	65	1114	23.49	-0.87	9.21	13.41	-12.00	415.32	31.07	58.75	387.64	-99.35
11	65	1115	19.60	-3.47	8.21	7.92	-11.53	659.75	31.88	112.07	579.56	-209.56
11	65	1116	13.67	-12.50	13.13	-11.96	3.72	881.10	487.37	498.88	869.59	-66.33
11	65	1117	13.28	-14.78	13.07	-14.57	-2.44	529.05	305.84	309.94	524.95	29.98
11	65	1118	11.61	-16.35	10.64	-15.38	-5.12	280.97	67.69	150.85	197.82	104.02
11	65	1119	9.12	-17.02	7.75	-15.65	-5.83	148.15	-198.92	29.59	-80.36	164.59
11	65	1120	6.40	-16.92	5.12	-15.64	-5.31	68.75	-437.45	-60.04	-308.66	220.47
11	65	1121	2.90	-15.95	1.81	-14.86	-4.39	14.97	-645.44	-131.64	-498.83	274.46
11	65	1122	0.15	-14.16	-0.42	-13.59	-2.81	-21.27	-811.99	-183.36	-649.90	319.21
11	65	1123	-2.11	-12.11	-2.32	-11.91	-1.42	-37.92	-922.06	-214.72	-745.26	353.63
11	65	1124	-4.65	-10.30	-4.66	-10.29	0.26	-38.49	-995.86	-231.49	-802.86	384.09
11	65	1125	-5.76	-9.72	-7.15	-8.33	1.89	-33.29	-1042.83	-233.25	-842.88	402.35
11	65	1126	-3.98	-11.66	-9.49	-6.16	3.46	-25.76	-1042.61	-219.53	-848.84	399.36
11	65	1127	5.23e-02	-13.95	-11.89	-2.01	4.96	-8.62	-1001.35	-189.02	-820.95	382.81
11	65	1128	4.03	-16.15	-14.11	1.99	6.09	20.96	-925.58	-135.46	-769.15	351.56
11	65	1129	6.31	-17.93	-15.77	4.15	6.91	69.84	-802.39	-55.63	-676.93	306.09
11	65	1130	9.90	-18.18	-15.80	7.51	7.83	145.76	-616.13	56.96	-527.33	244.48
11	65	1131	15.78	-16.30	-12.88	12.36	9.89	230.54	-427.30	169.35	-366.11	191.08
11	65	1132	8.44	-3.19	5.49	-0.23	-5.06	959.39	197.96	321.40	835.95	-280.62
11	65	1133	23.92	-6.10	-2.94	20.76	9.21	241.16	-266.73	220.10	-245.67	101.26
11	65	1134	19.18	-5.72	7.71	5.74	-12.41	812.31	21.81	165.89	668.23	-305.18
11	65	1135	7.58	1.21	4.79	4.00	3.16	1192.54	677.52	768.10	1101.95	-196.08
11	65	1136	20.96	-12.24	-5.23	13.95	13.54	357.72	-204.76	305.52	-152.56	163.20
11	65	1137	22.74	-11.09	-9.58	21.23	6.98	143.48	-393.57	118.02	-368.11	114.12
11	65	1138	11.43	-6.86	8.97	-4.40	-6.24	746.96	175.98	215.99	706.95	-145.75
11	65	1139	13.48	-9.40	10.76	-6.69	-7.39	471.82	132.90	135.60	469.12	-30.12
11	65	1140	18.47	-2.11	3.73	12.63	-9.28	-14.10	-895.85	-187.66	-722.30	350.59
11	65	1141	17.05	-2.17	1.87	13.01	-7.83	-15.26	-982.33	-203.07	-794.52	382.56
11	65	1142	19.74	-1.91	5.77	12.06	-10.36	-3.10	-786.76	-160.85	-629.01	314.22
11	65	1143	17.82	-4.92	10.29	2.61	-10.71	99.29	-193.76	-13.97	-80.50	142.70
11	65	1144	15.12	-10.18	11.07	-6.13	-9.28	214.95	28.28	56.47	186.76	66.85
11	65	1145	17.86	-5.20	9.02	3.64	-11.21	50.07	-426.05	-70.80	-305.18	207.22
11	65	1146	17.61	-4.62	7.54	5.45	-11.07	17.32	-635.76	-121.00	-497.44	266.84
11	65	1147	16.86	-2.66	-0.36	14.56	-6.29	-9.71	-1027.82	-205.49	-832.04	401.24
11	65	1148	16.42	-5.67	-5.31	16.06	-2.80	8.58	-980.38	-166.27	-805.53	377.29
11	65	1149	17.08	-8.46	-8.46	17.07	-0.38	27.10	-900.00	-119.80	-753.10	338.55
11	65	1150	19.43	-11.31	-11.21	19.33	1.77	57.81	-761.30	-48.92	-654.58	275.74
11	65	1151	16.98	-3.64	-2.49	15.83	-4.74	-3.17	-1024.98	-192.85	-835.30	397.29
11	65	1152	21.52	-12.60	-12.18	21.10	3.78	93.09	-564.41	33.40	-504.71	188.91
11	65	1153	31.20	-6.47	5.04	19.70	17.35	406.21	-105.18	350.78	-49.75	158.98

11	65	1154	28.68	-3.47	3.33	21.88	13.13	251.18	-227.49	241.47	-217.78	67.47
11	65	1155	22.91	-7.37	-6.34	21.88	5.49	105.55	-332.31	99.93	-326.69	49.28
11	68	46	96.36	-73.47	-70.98	93.87	20.42	2695.17	1265.91	2548.51	1412.57	-433.70
11	68	62	10.37	5.68	8.08	7.97	2.34	1296.21	203.42	448.11	1051.52	455.55
11	68	971	0.70	-19.33	0.69	-19.32	0.60	932.86	-5.47	151.32	776.06	-350.06
11	68	981	34.03	5.59	9.57	30.05	-9.86	888.71	20.09	185.97	722.83	-341.42
11	68	982	58.93	7.91	10.42	56.42	-11.03	987.60	153.21	316.47	824.35	-331.01
11	68	983	0.43	-9.21	-4.61	-4.17	-4.82	1079.23	454.98	494.55	1039.67	-152.10
11	68	1061	3.26	-8.92	1.93	-7.59	3.80	995.78	791.43	844.58	942.62	-89.65
11	68	1062	1.82	-4.61	4.20e-02	-2.83	2.88	237.19	124.39	195.32	166.26	54.50
11	68	1063	-1.27	-4.74	-1.66	-4.35	1.10	22.87	-464.42	-98.83	-342.72	210.93
11	68	1064	-2.40	-5.18	-3.72	-3.86	1.39	-51.91	-851.48	-228.82	-674.58	331.89
11	68	1065	-1.06	-7.18	-6.13	-2.11	2.30	-89.48	-1090.41	-283.34	-896.55	395.54
11	68	1066	1.46	-7.98	-7.06	0.54	2.80	-88.65	-1133.07	-279.80	-941.92	403.86
11	68	1067	4.45	-7.82	-7.11	3.75	2.86	-36.73	-998.10	-212.38	-822.46	371.50
11	68	1068	8.15	-5.20	-4.65	7.60	2.66	117.78	-686.92	-31.48	-537.66	312.78
11	68	1069	11.38	1.07	1.54	10.92	2.13	538.94	-147.64	391.54	-0.24	281.91
11	68	1070	3.26	-1.79	1.67	-0.20	-2.34	661.68	-4.44	119.69	537.55	-259.37
11	68	1071	19.86	-0.90	4.00	14.97	-8.81	126.45	-7.57	14.75	104.13	-49.94
11	68	1072	31.18	-0.56	5.22	25.40	-12.25	3.18	-417.16	-77.73	-336.26	165.72
11	68	1073	34.30	-0.59	5.51	28.20	-13.25	4.21	-837.04	-146.71	-686.12	322.78
11	68	1074	32.77	-0.67	5.32	26.77	-12.83	8.47	-1057.19	-186.07	-862.65	411.67
11	68	1075	27.76	-0.66	4.66	22.44	-11.08	-3.37	-1078.18	-194.97	-886.58	411.36
11	68	1076	19.86	-0.48	3.70	15.68	-8.22	-9.70e-02	-914.21	-165.65	-748.66	352.03
11	68	1077	9.31	-0.19	2.22	6.90	-4.13	3.29	-579.29	-95.86	-480.14	218.94
11	68	1078	-3.12	-7.33	-3.38	-7.07	-1.01	9.86	-42.87	5.72	-38.73	-14.17
11	68	1079	3.37	-0.40	2.12	0.86	1.78	65.96	-154.08	52.78	-140.89	-52.22
11	68	1080	10.27	-1.03	4.55	4.68	5.65	104.91	-50.55	97.94	-43.59	32.17
11	68	1081	18.28	1.24	5.78	13.74	7.53	429.44	-80.32	257.26	91.86	241.09
11	68	1082	18.88	6.63	17.42	8.09	3.97	863.48	219.87	642.35	441.00	305.65
11	68	1083	9.43	-2.31	-1.92	9.05	2.10	279.76	-456.63	140.23	-317.09	288.58
11	68	1084	6.20	-6.99	-6.35	5.57	2.83	21.15	-860.44	-142.77	-696.52	342.99
11	68	1085	2.85	-8.06	-7.25	2.04	2.85	-71.32	-1093.05	-255.71	-908.66	392.94
11	68	1086	9.33e-02	-7.73	-6.76	-0.89	2.59	-96.01	-1130.10	-288.55	-937.56	402.53
11	68	1087	-1.93	-6.35	-5.18	-3.09	1.95	-72.01	-994.51	-264.02	-802.49	374.52
11	68	1088	-2.40	-5.46	-3.57	-4.29	1.49	-25.19	-680.52	-177.29	-528.41	276.66
11	68	1089	-1.09	-4.08	-1.32	-3.84	0.81	104.84	-196.83	20.83	-112.81	135.23
11	68	1090	4.43	-4.77	1.47	-1.81	4.30	515.50	447.84	454.72	508.62	-20.45
11	68	1091	23.78	-14.37	-1.92	11.32	17.89	1653.57	1218.02	1384.42	1487.16	-211.63
11	68	1092	-3.90e-02	-10.15	-3.92e-02	-10.15	-4.44e-02	823.17	-1.31	158.61	663.24	-326.01
11	68	1093	11.63	-0.95	2.93	7.75	-5.81	411.39	-6.84	68.41	336.14	-160.65
11	68	1094	26.63	-0.77	4.72	21.15	-10.97	-1.42	-158.56	-32.96	-127.03	62.94
11	68	1095	33.56	-0.56	5.44	27.56	-12.99	5.03	-647.76	-114.50	-528.23	252.47
11	68	1096	34.01	-0.63	5.49	27.89	-13.21	7.54	-970.16	-169.06	-793.55	376.13
11	68	1097	30.67	-0.72	5.02	24.93	-12.13	2.68	-1091.10	-194.91	-893.51	420.81
11	68	1098	24.13	-0.67	4.15	19.31	-9.81	-2.99	-1024.63	-185.37	-842.25	391.23
11	68	1099	14.86	-0.23	3.21	11.43	-6.33	2.08	-760.64	-136.00	-622.55	293.69
11	68	1100	2.24	-1.68	-0.42	0.98	-1.83	-2.05	-344.93	-45.27	-301.71	113.80
11	68	1101	10.92	-3.58	-3.50	10.84	1.08	46.53	-559.71	-15.31	-497.87	183.49
11	68	1102	13.03	-2.53	-2.49	13.00	-0.76	26.79	-766.58	-86.87	-652.91	277.96
11	68	1103	15.47	-1.44	-0.97	15.00	-2.78	10.34	-923.02	-138.26	-774.42	341.49
11	68	1104	17.92	-0.87	0.33	16.71	-4.60	-1.62	-1032.41	-172.13	-861.90	382.99
11	68	1105	19.89	-0.71	1.22	17.96	-6.00	-7.82	-1083.45	-190.85	-900.41	404.20
11	68	1106	21.37	-0.54	2.13	18.70	-7.17	-11.10	-1088.25	-196.74	-902.61	406.82
11	68	1107	22.48	-0.46	2.94	19.07	-8.16	-2.71	-1056.14	-191.26	-867.59	403.82
11	68	1108	23.10	-0.45	3.71	18.94	-8.98	1.80	-972.10	-175.82	-794.48	376.08
11	68	1109	22.89	-0.59	4.33	17.97	-9.56	7.23	-827.76	-153.11	-667.42	328.90
11	68	1110	22.64	-0.87	5.05	16.71	-10.21	13.19	-647.79	-122.11	-512.49	266.69
11	68	1111	20.93	-1.07	5.30	14.55	-9.98	23.05	-425.44	-86.17	-316.22	192.50
11	68	1112	18.19	-1.88	5.51	10.80	-9.68	35.20	-174.21	-45.07	-93.94	101.81
11	68	1113	15.31	-2.27	5.38	7.65	-8.72	156.64	2.42	2.44	156.62	-1.80
11	68	1114	17.13	-1.07	4.97	11.09	-8.57	433.88	19.34	52.39	400.83	-112.29
11	68	1115	19.35	0.41	4.79	14.97	-7.99	689.47	18.81	105.90	602.37	-225.45
11	68	1116	14.48	-0.81	1.58	12.08	5.55	899.31	400.25	419.52	880.04	-96.15
11	68	1117	7.12	2.70	2.70	7.12	6.48e-02	539.13	251.51	251.78	538.86	8.86
11	68	1118	6.53	1.26	2.45	5.34	-2.21	266.85	53.63	106.51	213.97	92.08
11	68	1119	6.38	-0.39	1.51	4.47	-3.04	135.81	-210.82	-7.46	-67.55	170.69
11	68	1120	5.49	-1.53	0.11	3.85	-2.97	62.85	-458.91	-94.80	-301.26	239.58
11	68	1121	5.28	-1.47	-0.23	4.03	-2.62	16.20	-669.28	-158.31	-494.77	298.61
11	68	1122	5.23	-2.23	-1.40	4.41	-2.34	-10.83	-838.24	-202.02	-647.06	348.77
11	68	1123	5.53	-3.05	-2.71	5.19	-1.69	-31.28	-980.47	-232.21	-779.54	387.75
11	68	1124	5.76	-3.83	-3.75	5.68	-0.90	-49.43	-1075.41	-248.53	-876.30	405.75
11	68	1125	6.48	-4.49	-4.49	6.47	-0.22	-55.50	-1114.46	-250.21	-919.75	410.22
11	68	1126	7.43	-5.36	-5.35	7.42	0.41	-46.79	-1116.23	-236.60	-926.41	408.61
11	68	1127	6.47	-6.19	-6.12	6.39	0.97	-28.28	-1074.63	-206.53	-896.38	393.37
11	68	1128	6.89	-6.63	-6.49	6.76	1.33	7.62	-973.81	-153.41	-812.79	363.46
11	68	1129	9.16	-6.80	-6.57	8.93	1.90	61.66	-827.64	-73.54	-692.43	319.31

11	68	1130	11.41	-5.87	-5.57	11.11	2.26	140.51	-644.66	43.04	-547.19	258.90
11	68	1131	10.01	-4.56	-4.00	9.45	2.80	239.09	-458.92	171.67	-391.49	206.19
11	68	1132	27.95	-1.17	-0.97	27.76	-2.39	993.92	161.23	294.65	860.50	-305.45
11	68	1133	12.03	-4.83	-2.67	9.86	5.64	253.10	-288.90	229.56	-265.35	110.49
11	68	1134	22.21	1.66	4.87	19.00	-7.46	868.35	25.44	177.96	715.83	-324.49
11	68	1135	22.78	-7.75	-6.73	21.77	5.48	1209.81	558.53	666.56	1101.78	-242.26
11	68	1136	12.03	-3.01	-1.35	10.37	4.72	374.00	-238.00	318.00	-181.99	176.47
11	68	1137	11.36	-3.88	-3.50	10.98	2.39	155.87	-417.11	127.16	-388.39	125.02
11	68	1138	22.38	0.67	1.78	21.27	-4.78	769.25	139.40	188.10	720.54	-168.24
11	68	1139	18.88	1.07	3.18	16.77	-5.76	487.12	99.38	105.57	480.93	-48.60
11	68	1140	10.65	-2.07	0.59	7.99	-5.17	-10.68	-979.39	-200.63	-789.44	384.61
11	68	1141	10.92	-2.17	-0.67	9.41	-4.17	-22.45	-1060.69	-215.99	-867.15	404.32
11	68	1142	10.09	-2.72	1.33	6.04	-5.96	3.71	-837.59	-174.24	-659.65	343.57
11	68	1143	12.81	-1.92	3.59	7.30	-7.13	95.31	-203.23	-36.36	-71.55	148.23
11	68	1144	17.92	0.57	3.84	14.64	-6.79	214.59	14.04	30.35	198.28	54.82
11	68	1145	13.08	-1.78	2.89	8.41	-6.90	52.29	-445.21	-93.10	-299.82	226.26
11	68	1146	13.76	-1.65	2.14	9.97	-6.63	23.27	-657.53	-140.15	-494.10	290.78
11	68	1147	10.58	-2.45	-1.64	9.77	-3.15	-28.10	-1097.98	-218.47	-907.61	409.18
11	68	1148	11.89	-3.71	-3.64	11.82	-1.05	-6.92	-1051.54	-179.52	-878.94	387.96
11	68	1149	12.09	-4.44	-4.44	12.09	-0.26	18.10	-945.92	-132.94	-794.88	350.42
11	68	1150	11.61	-5.16	-5.12	11.57	0.79	54.53	-782.56	-60.58	-667.45	288.28
11	68	1151	11.89	-2.86	-2.43	11.46	-2.49	-20.24	-1096.78	-205.87	-911.15	406.67
11	68	1152	12.06	-4.92	-4.76	11.90	1.61	93.07	-586.76	27.07	-520.77	201.27
11	68	1153	12.10	0.95	2.76	10.28	4.12	423.30	-133.09	365.25	-75.05	170.08
11	68	1154	11.50	-1.99	0.55	8.96	5.27	261.31	-248.29	250.67	-237.65	72.85
11	68	1155	8.91	-4.14	-3.84	8.61	1.95	108.91	-347.82	102.23	-341.14	54.84

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-74.21	-73.26	-49.16	-34.74		-1183.13	-301.04	-994.67	-458.84
	102.90		37.97	99.66	38.77	3097.71		3017.53	1494.44	472.90

Macro	Tipo	Angolo 1-X (gradi)
12	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
12	2	38	36.19	14.44	14.64	35.99	2.05	3630.95	1155.95	3515.42	1271.49	522.10
12	2	69	67.66	-100.64	58.25	-91.23	-38.66	2779.59	137.59	1326.34	1590.83	1314.36
12	2	855	-1.20	-38.25	-1.67	-37.78	-4.14	666.23	-64.88	12.91	588.45	-225.43
12	2	865	6.38	-19.58	-19.56	6.37	-0.64	1422.20	7.25	665.00	764.45	-705.72
12	2	866	3.02	-24.58	-6.22	-15.34	13.02	753.27	-50.77	171.04	531.46	-359.36
12	2	1156	30.11	-10.91	14.34	4.85	19.95	825.08	520.14	540.09	805.13	75.41
12	2	1157	20.25	7.50	18.41	9.34	4.47	255.08	-464.25	-460.71	251.54	-50.35
12	2	1158	17.91	3.07	17.66	3.33	1.94	24.76	-1144.51	-1138.18	18.44	-85.75
12	2	1159	17.37	1.11	17.13	1.35	1.96	-65.33	-1626.93	-1623.56	-68.70	-72.50
12	2	1160	7.25	-4.12e-02	6.14	1.08	2.63	-87.04	-1890.21	-1887.57	-89.67	-68.84
12	2	1161	6.97	-1.49	5.38	0.10	3.31	-100.31	-1968.76	-1967.18	-101.89	-54.40
12	2	1162	6.73	-2.30	4.32	0.11	4.00	-101.42	-1867.00	-1866.38	-102.04	-33.05
12	2	1163	6.32	-3.53	2.86	-7.13e-02	4.70	-94.70	-1483.94	-1483.94	-94.70	-0.77
12	2	1164	3.17	-3.20	0.91	-0.94	3.05	-73.42	-962.34	-960.72	-75.04	37.94
12	2	1165	1.53	-5.60	-1.46	-2.61	3.52	3.35	-394.08	-378.52	-12.21	77.09
12	2	1166	0.39	-14.18	-6.17	-7.62	7.25	472.45	116.42	429.04	159.83	116.49
12	2	1167	6.44	0.94	5.19	2.18	2.30	1.04	-24.45	-4.00	-19.41	-10.15
12	2	1168	-0.33	-20.09	-19.60	-0.82	-3.07	-1.35	-86.54	-86.17	-1.73	5.66
12	2	1169	-1.20	-43.73	-43.62	-1.31	-2.18	2.18	-566.35	-565.58	1.42	-20.88
12	2	1170	-0.43	-41.64	-41.57	-0.50	-1.75	3.42	-1136.82	-1135.38	1.98	-40.43
12	2	1171	9.47e-02	-39.44	-39.38	3.35e-02	-1.55	5.69	-1604.46	-1602.45	3.67	-56.91
12	2	1172	7.47e-02	-36.49	-36.45	3.51e-02	-1.20	6.56	-1860.87	-1858.05	3.73	-72.54
12	2	1173	5.65e-02	-33.53	-33.51	3.44e-02	-0.86	6.55	-1928.29	-1924.57	2.83	-84.82
12	2	1174	6.91e-02	-30.29	-30.28	6.14e-02	-0.48	6.37	-1809.98	-1805.43	1.82	-90.79
12	2	1175	0.14	-26.50	-26.50	0.14	-5.28e-02	6.61	-1408.95	-1403.48	1.14	-87.84
12	2	1176	0.39	-22.05	-22.04	0.38	0.42	4.85	-859.83	-856.04	1.06	-57.11
12	2	1177	1.13	-17.94	-17.89	1.08	0.96	6.79	-254.05	-245.35	-1.91	-46.84
12	2	1178	0.84	-16.75	-16.75	0.84	-0.12	487.48	-10.85	485.19	-8.56	-33.68
12	2	1179	-1.22	-18.06	-17.97	-1.31	-1.25	921.70	-23.98	913.17	-15.46	-89.39
12	2	1180	6.62	2.49	4.55	4.55	-2.06	8.39	-3.73	-2.01	6.67	-4.24
12	2	1181	-0.68	-12.70	-12.64	-0.75	-0.87	860.79	-29.80	838.53	-7.55	-139.02
12	2	1182	2.42	-0.56	-7.14e-03	1.86	-1.16	472.46	-33.35	442.43	-3.33	-119.52
12	2	1183	-77.67	-109.33	-79.57	-107.43	7.53	425.75	-303.76	-294.38	416.37	-82.20
12	2	1184	21.71	5.41	19.96	7.16	5.05	116.06	-30.93	-30.86	115.99	3.23
12	2	1185	1.32	-4.37	-4.32	1.26	0.53	11.45	-16.95	7.60	-13.11	9.72

12	2	1186	-1.51	-38.99	-38.84	-1.66	-2.36	-0.38	-292.02	-291.82	-0.58	-7.60
12	2	1187	-1.08	-41.08	-40.99	-1.17	-1.91	1.08	-859.53	-858.38	-7.96e-02	-31.53
12	2	1188	-0.41	-40.79	-40.73	-0.48	-1.64	5.04	-1392.33	-1390.63	3.34	-48.71
12	2	1189	8.58e-02	-37.97	-37.92	3.81e-02	-1.35	6.29	-1756.61	-1754.21	3.89	-64.98
12	2	1190	6.30e-02	-35.03	-34.99	3.23e-02	-1.04	6.60	-1917.93	-1914.66	3.33	-79.27
12	2	1191	5.82e-02	-31.96	-31.95	4.38e-02	-0.68	6.47	-1892.22	-1888.06	2.32	-88.74
12	2	1192	9.40e-02	-28.48	-28.48	9.13e-02	-0.28	6.29	-1681.05	-1676.17	1.41	-90.63
12	2	1193	0.23	-24.34	-24.34	0.23	0.19	5.00	-1101.01	-1097.06	1.05	-66.00
12	2	1194	0.82	-19.81	-19.77	0.78	0.89	5.74	-576.67	-571.78	0.85	-53.17
12	2	1195	1.35	-17.17	-17.17	1.35	-5.85e-02	126.69	-13.85	117.34	-4.51	-35.01
12	2	1196	-0.56	-17.56	-17.54	-0.58	-0.53	784.66	-15.68	781.52	-12.55	-50.01
12	2	1197	2.32	-0.74	1.98	-0.40	-0.96	404.43	-70.88	-9.79	343.34	-159.08
12	2	1198	-1.75	-17.44	-1.77	-17.42	0.50	746.25	-115.01	-28.96	660.20	-258.28
12	2	1199	-2.23	-17.10	-7.19	-12.14	7.01	1102.79	444.39	1009.98	537.20	229.12
12	2	1200	3.06	-10.33	-2.55	-4.72	6.61	118.53	-80.37	-11.18	49.34	94.73
12	2	1201	2.26	-4.46	-0.24	-1.97	3.25	-42.11	-697.34	-692.25	-47.21	57.56
12	2	1202	5.92	-4.34	1.95	-0.36	5.00	-86.48	-1187.16	-1186.87	-86.77	17.96
12	2	1203	6.49	-2.78	3.65	6.13e-02	4.27	-99.29	-1748.45	-1748.25	-99.48	-17.84
12	2	1204	6.87	-1.86	4.89	0.12	3.66	-101.74	-1940.36	-1939.26	-102.84	-44.87
12	2	1205	7.05	-1.18	5.79	8.47e-02	2.97	-96.55	-1952.21	-1950.08	-98.68	-62.88
12	2	1206	12.18	0.68	11.74	1.12	2.20	-85.14	-1782.09	-1779.02	-88.21	-72.12
12	2	1207	17.59	1.77	17.38	1.99	1.83	-31.14	-1410.45	-1405.69	-35.90	-80.86
12	2	1208	18.55	5.21	18.02	5.75	2.62	113.09	-836.80	-831.14	107.43	-73.10
12	2	1209	25.04	6.91	18.26	13.69	8.78	479.79	-11.12	-10.92	479.59	-9.92
12	2	1210	19.05	-14.99	14.54	-10.48	11.54	1496.07	692.24	1184.16	1004.14	391.71
12	2	1211	2.73	-49.60	-43.11	-3.77	-17.25	607.79	108.86	251.15	465.49	225.27
12	2	1212	17.45	-35.06	-32.40	14.79	-11.51	299.66	205.42	210.00	295.08	-20.27
12	2	1213	13.49	-19.54	-18.95	12.90	-4.38	252.15	-157.48	-128.26	222.93	-105.43
12	2	1214	9.58	-11.80	-11.71	9.49	-1.41	176.55	-520.64	-497.93	153.84	-123.76
12	2	1215	5.61	-8.49	-8.49	5.61	0.14	105.62	-852.54	-837.09	90.17	-120.68
12	2	1216	3.10	-7.36	-7.27	3.01	0.96	48.20	-1140.28	-1131.72	39.64	-100.48
12	2	1217	2.02	-7.31	-7.10	1.80	1.41	7.47	-1398.20	-1393.30	2.58	-82.82
12	2	1218	1.52	-7.75	-7.43	1.20	1.69	-19.40	-1611.47	-1607.64	-23.23	-78.00
12	2	1219	1.12	-8.02	-7.60	0.69	1.93	-37.32	-1763.96	-1760.81	-40.48	-73.72
12	2	1220	0.91	-8.31	-7.68	0.28	2.33	-43.21	-1869.73	-1867.10	-45.84	-69.24
12	2	1221	1.09	-8.44	-7.65	0.30	2.63	-50.97	-1929.38	-1927.21	-53.14	-63.85
12	2	1222	1.32	-8.52	-7.53	0.33	2.96	-55.11	-1943.45	-1941.72	-56.83	-57.07
12	2	1223	1.45	-9.76	-8.67	0.36	3.32	-56.90	-1912.31	-1911.04	-58.17	-48.49
12	2	1224	1.63	-11.07	-9.89	0.45	3.68	-56.66	-1836.01	-1835.20	-57.46	-37.83
12	2	1225	1.81	-11.50	-10.15	0.46	4.01	-54.30	-1714.28	-1713.91	-54.67	-24.89
12	2	1226	2.05	-12.09	-10.45	0.41	4.52	-49.26	-1448.07	-1447.98	-49.35	-11.17
12	2	1227	2.06	-12.56	-10.74	0.24	4.82	-40.55	-1149.26	-1149.23	-40.58	5.88
12	2	1228	1.82	-12.95	-10.95	-0.19	5.06	-26.88	-920.08	-919.33	-27.64	25.99
12	2	1229	1.26	-12.84	-10.55	-1.03	5.20	0.13	-651.72	-647.42	-4.17	52.76
12	2	1230	-0.80	-11.46	-9.91	-2.35	3.75	45.08	-346.65	-328.03	26.46	83.37
12	2	1231	-2.31	-9.74	-8.35	-3.70	2.90	184.89	-67.02	46.41	71.46	125.33
12	2	1232	-3.29	-6.02	-5.84	-3.47	0.67	579.94	64.41	520.09	124.26	165.15
12	2	1233	6.85	-7.20	-3.10	2.76	-6.38	1293.94	55.29	1262.20	87.04	195.73
12	2	1234	6.46	-17.18	-16.71	5.99	-3.30	1790.13	-197.78	1666.13	-73.78	-480.76
12	2	1235	24.81	-14.34	-3.29	13.76	17.62	1635.85	-98.86	1142.32	394.66	-782.66
12	2	1236	9.17	-20.81	-4.56	-7.07	14.94	1088.37	-213.32	293.53	581.52	-634.72
12	2	1237	3.52	-30.83	-11.05	-16.26	-16.98	136.80	12.22	54.05	94.96	58.84
12	2	1238	10.59	-30.29	-20.15	0.45	-17.65	66.69	-16.33	-16.03	66.39	-4.98
12	2	1239	7.89	-28.05	-23.33	3.17	-12.13	65.63	-248.98	-237.74	54.40	-58.38
12	2	1240	4.62	-25.49	-24.05	3.19	-6.41	49.58	-546.24	-535.13	38.47	-80.58
12	2	1241	2.33	-24.56	-24.30	2.07	-2.63	36.61	-850.49	-842.59	28.71	-83.34
12	2	1242	1.43	-24.29	-24.27	1.42	-0.64	23.24	-1131.79	-1126.29	17.74	-79.50
12	2	1243	0.95	-24.00	-23.99	0.94	0.26	10.43	-1388.60	-1384.51	6.34	-75.52
12	2	1244	0.20	-23.53	-23.51	0.18	0.63	-0.51	-1601.19	-1597.81	-3.89	-73.48
12	2	1245	0.14	-22.93	-22.89	0.11	0.86	-8.71	-1753.78	-1750.69	-11.81	-73.40
12	2	1246	0.16	-22.24	-22.19	0.11	1.08	-13.69	-1858.41	-1856.07	-16.03	-65.69
12	2	1247	0.20	-21.49	-21.42	0.12	1.27	-17.65	-1916.91	-1914.49	-20.08	-67.84
12	2	1248	0.25	-20.71	-20.60	0.15	1.50	-20.11	-1929.15	-1926.62	-22.64	-69.46
12	2	1249	0.33	-19.90	-19.74	0.17	1.76	-21.33	-1895.54	-1892.94	-23.93	-69.83
12	2	1250	0.42	-19.06	-18.84	0.20	2.05	-21.92	-1815.54	-1813.45	-24.02	-61.23
12	2	1251	0.52	-18.19	-17.89	0.22	2.35	-20.83	-1689.87	-1687.89	-22.82	-57.49
12	2	1252	0.65	-17.32	-16.90	0.22	2.73	-18.25	-1420.75	-1418.91	-20.08	-50.72
12	2	1253	0.69	-16.37	-15.85	0.17	2.93	-13.98	-1117.97	-1116.50	-15.45	-40.29
12	2	1254	0.73	-15.39	-14.82	0.16	2.97	-7.76	-880.97	-880.21	-8.52	-25.70
12	2	1255	0.40	-14.23	-13.67	-0.16	2.80	0.31	-599.85	-599.80	0.25	-5.71
12	2	1256	-0.31	-12.96	-12.65	-0.62	1.95	6.80	-277.50	-276.72	6.02	14.88
12	2	1257	-0.98	-11.58	-11.55	-1.01	0.56	106.68	-4.56	96.17	5.96	32.54
12	2	1258	-0.11	-11.23	-10.69	-0.65	-2.39	519.32	-20.22	517.53	-18.44	31.01
12	2	1259	0.19	-11.38	-11.21	2.13e-02	-1.38	904.00	-60.17	901.52	-57.70	-48.81
12	2	1260	0.91	-12.93	-12.63	0.61	2.01	1140.78	-121.06	1096.14	-76.43	-233.09
12	2	1261	6.18	-13.59	-8.36	0.94	8.72	1075.17	-107.28	912.35	55.54	-407.45
12	2	1262	7.55	-11.66	-2.54	-1.57	9.59	735.08	-88.65	406.77	239.65	-403.30

12	13	38	47.99	15.46	15.48	47.97	0.68	3657.67	1147.95	3550.13	1255.50	508.27
12	13	69	72.22	-93.20	64.08	-85.07	-35.78	2750.31	120.15	1315.54	1554.93	1309.62
12	13	855	-1.85	-45.41	-1.86	-45.40	-0.63	648.66	-70.76	10.63	567.27	-227.88
12	13	865	12.00	-21.46	-20.78	11.32	4.72	1467.20	20.06	684.15	803.11	-721.12
12	13	866	6.21	-30.42	-6.48	-17.74	17.43	767.95	-48.90	171.49	547.57	-362.56
12	13	1156	34.30	-15.80	11.12	7.38	24.98	817.20	508.44	524.11	801.53	67.76
12	13	1157	21.04	3.63	14.74	9.93	8.37	251.83	-487.83	-483.22	247.22	-58.24
12	13	1158	14.16	0.77	12.07	2.87	4.86	20.09	-1167.95	-1160.67	12.82	-92.70
12	13	1159	11.26	-0.83	9.81	0.62	3.94	-67.89	-1606.99	-1600.63	-74.26	-98.77
12	13	1160	5.14	-2.64	3.14	-0.64	3.40	-100.49	-1854.13	-1850.34	-104.28	-81.36
12	13	1161	0.71	-5.56	-3.20	-1.65	3.04	-102.64	-1931.88	-1930.14	-104.39	-56.51
12	13	1162	0.13	-6.05	-4.27	-1.65	2.80	-101.75	-1826.95	-1826.34	-102.35	-32.41
12	13	1163	-0.51	-6.70	-5.44	-1.77	2.49	-94.77	-1456.93	-1456.93	-94.77	-0.70
12	13	1164	-1.55	-7.91	-6.91	-2.56	2.32	-70.34	-948.73	-947.15	-71.92	37.27
12	13	1165	-3.14	-9.83	-8.79	-4.18	2.43	7.02	-374.64	-358.95	-8.67	75.77
12	13	1166	-4.93	-10.28	-7.06	-8.15	2.62	500.78	127.85	461.29	167.34	114.75
12	13	1167	7.18	1.30	5.63	2.85	2.60	-0.17	-28.69	-7.64	-21.23	-12.54
12	13	1168	7.06e-02	-17.03	-16.85	-0.11	-1.77	-8.10	-99.23	-99.20	-8.12	1.49
12	13	1169	-0.70	-43.14	-43.14	-0.70	-0.38	0.67	-586.88	-585.71	-0.50	-26.24
12	13	1170	0.26	-27.99	-27.99	0.26	-6.44e-02	3.01	-1157.42	-1155.59	1.17	-46.12
12	13	1171	0.96	-22.23	-22.23	0.95	-0.18	5.72	-1583.66	-1581.20	3.26	-62.51
12	13	1172	1.03	-17.33	-17.33	1.03	-0.22	6.49	-1826.91	-1823.60	3.18	-77.75
12	13	1173	1.03	-13.89	-13.88	1.02	-0.25	6.78	-1892.91	-1888.70	2.56	-89.40
12	13	1174	0.99	-11.57	-11.56	0.98	-0.25	6.83	-1770.04	-1764.97	1.76	-94.80
12	13	1175	0.94	-9.99	-9.99	0.94	-0.21	7.27	-1381.62	-1375.53	1.18	-91.73
12	13	1176	0.98	-9.00	-9.00	0.98	-0.11	8.06	-848.47	-841.44	1.03	-77.27
12	13	1177	1.18	-9.67	-9.65	1.17	-0.39	8.80	-236.52	-225.27	-2.45	-51.32
12	13	1178	1.09	-16.58	-16.43	0.94	-1.64	515.22	-12.38	512.37	-9.53	-38.68
12	13	1179	-0.53	-22.44	-22.34	-0.62	-1.46	944.20	-25.23	934.82	-15.85	-94.90
12	13	1180	5.40	2.12	3.77	3.75	-1.64	15.56	-1.07	2.86	11.64	-7.06
12	13	1181	-0.26	-16.13	-16.12	-0.27	-0.42	877.67	-31.25	854.07	-7.65	-144.56
12	13	1182	1.54	-1.79	-1.71	1.46	-0.51	482.59	-32.99	450.98	-1.37	-123.70
12	13	1183	-76.51	-106.02	-79.30	-103.23	8.64	409.28	-305.76	-294.44	397.96	-89.27
12	13	1184	20.98	5.92	18.30	8.60	5.76	113.26	-33.47	-33.46	113.26	-1.03
12	13	1185	2.43	-3.61	-3.32	2.15	1.29	3.06	-17.47	0.67	-15.08	6.58
12	13	1186	-0.86	-33.47	-33.33	-1.01	-2.18	-2.36	-309.92	-309.41	-2.87	-12.50
12	13	1187	-0.50	-37.63	-37.63	-0.50	-0.13	0.53	-880.82	-879.25	-1.03	-37.13
12	13	1188	0.38	-25.16	-25.16	0.38	-7.19e-02	4.70	-1398.26	-1396.15	2.58	-54.40
12	13	1189	1.01	-19.59	-19.59	1.01	-0.20	6.26	-1722.90	-1720.02	3.38	-70.42
12	13	1190	1.04	-15.44	-15.44	1.03	-0.24	6.53	-1883.61	-1879.85	2.78	-84.19
12	13	1191	1.01	-12.61	-12.61	1.01	-0.25	6.81	-1854.86	-1850.21	2.15	-93.00
12	13	1192	0.96	-10.71	-10.71	0.96	-0.24	7.18	-1548.43	-1542.67	1.42	-94.52
12	13	1193	0.94	-9.40	-9.40	0.94	-0.17	7.86	-1091.14	-1084.35	1.07	-86.13
12	13	1194	0.98	-8.97	-8.96	0.97	-0.32	8.41	-562.72	-555.13	0.82	-65.39
12	13	1195	1.49	-11.69	-11.51	1.32	-1.52	152.18	-15.25	142.16	-5.24	-39.71
12	13	1196	3.49e-02	-21.76	-21.62	-0.10	-1.73	810.89	-17.20	807.17	-13.48	-55.35
12	13	1197	1.31	-2.47	1.30	-2.46	-0.16	414.99	-69.47	-6.10	351.63	-163.35
12	13	1198	-2.29	-23.12	-2.46	-22.95	1.86	744.23	-117.55	-28.30	654.99	-262.57
12	13	1199	-1.59	-9.93	-1.68	-9.83	0.90	1122.70	460.72	1045.54	537.88	212.43
12	13	1200	-4.67	-11.10	-9.73	-6.04	2.63	130.01	-60.36	15.29	54.36	93.16
12	13	1201	-2.53	-8.81	-7.79	-3.55	2.31	-39.45	-681.55	-676.53	-44.47	56.55
12	13	1202	-0.92	-7.23	-6.13	-2.02	2.40	-86.44	-1175.59	-1175.31	-86.73	17.67
12	13	1203	-0.21	-6.29	-4.83	-1.67	2.59	-99.48	-1706.09	-1705.90	-99.67	-17.45
12	13	1204	0.38	-5.76	-3.74	-1.65	2.89	-102.09	-1902.32	-1901.17	-103.24	-45.46
12	13	1205	1.70	-5.01	-2.64	-0.67	3.21	-99.05	-1915.53	-1913.17	-101.42	-65.50
12	13	1206	10.09	-1.75	8.87	-0.52	3.60	-87.89	-1747.26	-1741.71	-93.44	-95.80
12	13	1207	12.50	-0.28	10.87	1.35	4.27	-34.62	-1419.39	-1412.40	-41.61	-98.13
12	13	1208	16.69	2.38	13.41	5.66	6.02	109.05	-860.77	-854.03	102.30	-80.59
12	13	1209	28.12	1.70	15.20	14.62	13.20	476.60	-32.21	-31.57	475.96	-17.97
12	13	1210	24.21	-13.62	15.91	-5.32	15.66	1461.57	658.03	1171.87	947.73	385.83
12	13	1211	4.86	-48.66	-44.09	0.29	-14.96	584.09	104.85	245.63	443.31	218.28
12	13	1212	17.53	-35.00	-34.22	16.74	-6.38	296.81	188.56	196.53	288.84	-28.27
12	13	1213	14.25	-19.33	-19.33	14.24	-0.40	251.80	-179.68	-147.55	219.67	-113.28
12	13	1214	9.75	-11.73	-11.46	9.49	2.38	175.32	-544.20	-519.34	150.46	-131.41
12	13	1215	6.28	-8.89	-7.99	5.39	3.58	103.45	-876.00	-858.97	86.42	-128.02
12	13	1216	4.10	-8.06	-6.57	2.62	3.98	47.58	-1165.08	-1153.12	35.62	-119.82
12	13	1217	3.04	-8.12	-6.45	1.37	3.98	7.39	-1408.30	-1399.43	-1.49	-111.74
12	13	1218	2.35	-8.28	-6.66	0.73	3.82	-20.17	-1592.33	-1585.34	-27.15	-104.55
12	13	1219	1.62	-8.22	-6.77	0.17	3.49	-38.45	-1730.42	-1724.74	-44.13	-97.87
12	13	1220	1.40	-8.19	-6.89	9.79e-02	3.29	-50.18	-1835.68	-1831.02	-54.84	-91.11
12	13	1221	0.96	-8.08	-6.86	-0.26	3.09	-51.27	-1895.03	-1891.23	-55.08	-83.69
12	13	1222	0.89	-7.81	-6.68	-0.24	2.93	-54.87	-1908.08	-1905.31	-57.64	-71.49
12	13	1223	0.64	-9.04	-8.15	-0.25	2.80	-57.46	-1874.68	-1873.27	-58.87	-50.64
12	13	1224	0.53	-9.56	-8.76	-0.27	2.73	-56.83	-1796.16	-1795.24	-57.75	-40.06
12	13	1225	0.41	-9.57	-8.88	-0.28	2.53	-54.36	-1672.01	-1671.54	-54.83	-27.49
12	13	1226	0.32	-9.68	-9.01	-0.34	2.49	-49.27	-1420.91	-1420.79	-49.39	-12.61
12	13	1227	8.70e-02	-9.76	-9.13	-0.54	2.41	-40.50	-1137.38	-1137.35	-40.52	4.96

12	13	1228	-0.44	-9.71	-9.12	-1.03	2.26	-22.33	-906.21	-905.46	-23.07	25.69
12	13	1229	-1.37	-9.11	-8.55	-1.93	2.01	1.56	-635.68	-631.39	-2.73	52.12
12	13	1230	-2.85	-8.17	-7.74	-3.28	1.46	47.47	-327.28	-308.17	28.37	82.43
12	13	1231	-4.06	-6.50	-6.07	-4.50	-0.94	190.97	-41.59	72.53	76.85	116.26
12	13	1232	-0.66	-7.67	-4.67	-3.66	-3.47	604.55	72.63	550.87	126.31	160.22
12	13	1233	11.45	-9.98	-3.54	5.01	-9.83	1323.14	53.01	1294.27	81.88	189.30
12	13	1234	14.12	-19.86	-19.24	13.51	-4.53	1820.39	-204.75	1693.34	-77.70	-491.07
12	13	1235	28.60	-16.99	-5.28	16.89	19.92	1664.87	-92.60	1160.11	412.17	-795.19
12	13	1236	10.08	-24.32	-5.33	-8.92	17.10	1106.71	-211.34	299.11	596.27	-642.06
12	13	1237	3.62	-28.18	-10.54	-14.02	-15.80	128.13	11.76	48.08	91.82	53.92
12	13	1238	10.71	-27.53	-18.57	1.75	-16.20	62.51	-29.97	-28.62	61.16	-11.09
12	13	1239	7.03	-23.71	-20.56	3.87	-9.33	63.09	-268.65	-255.48	49.92	-64.78
12	13	1240	3.92	-20.47	-19.94	3.39	-3.54	48.83	-567.99	-555.43	36.27	-87.13
12	13	1241	2.07	-18.91	-18.91	2.07	7.52e-02	36.02	-872.57	-863.59	27.04	-89.88
12	13	1242	1.36	-17.91	-17.73	1.18	1.82	21.39	-1153.03	-1146.72	15.08	-85.89
12	13	1243	1.15	-16.81	-16.47	0.81	2.43	9.47	-1394.94	-1390.18	4.71	-81.65
12	13	1244	0.67	-15.57	-15.19	0.29	2.47	-1.28	-1580.31	-1576.32	-5.26	-79.27
12	13	1245	0.32	-14.33	-13.96	-5.22e-02	2.30	-9.48	-1719.67	-1716.03	-13.12	-78.81
12	13	1246	0.28	-13.18	-12.83	-7.73e-02	2.15	-13.45	-1824.72	-1821.22	-16.95	-79.55
12	13	1247	0.25	-12.17	-11.83	-7.94e-02	2.01	-17.46	-1882.94	-1879.45	-20.96	-80.67
12	13	1248	0.25	-11.30	-10.98	-7.36e-02	1.90	-19.90	-1894.32	-1890.78	-23.45	-81.44
12	13	1249	0.25	-10.59	-10.28	-6.37e-02	1.83	-20.68	-1858.96	-1855.36	-24.27	-81.19
12	13	1250	0.27	-10.04	-9.72	-5.24e-02	1.79	-20.64	-1777.05	-1773.46	-24.24	-79.39
12	13	1251	0.25	-9.58	-9.29	-4.46e-02	1.68	-19.42	-1648.92	-1645.42	-22.92	-75.45
12	13	1252	0.25	-9.29	-8.99	-5.48e-02	1.68	-17.38	-1394.20	-1391.49	-20.10	-61.08
12	13	1253	0.18	-9.07	-8.79	-0.11	1.61	-13.04	-1106.67	-1104.29	-15.41	-50.94
12	13	1254	-0.21	-8.99	-8.78	-0.42	1.36	-7.44	-867.07	-866.05	-8.46	-29.51
12	13	1255	-0.69	-8.80	-8.75	-0.74	0.64	0.68	-583.84	-583.53	0.37	-13.45
12	13	1256	-1.19	-9.03	-8.99	-1.22	-0.50	5.48	-256.87	-256.83	5.45	3.02
12	13	1257	-0.97	-9.79	-9.21	-1.54	-2.18	126.24	-0.42	121.49	4.32	24.04
12	13	1258	1.65	-12.45	-10.29	-0.51	-5.08	547.24	-21.90	546.05	-20.71	26.03
12	13	1259	2.46	-13.26	-12.43	1.62	-3.53	931.27	-63.35	928.22	-60.30	-55.00
12	13	1260	3.23	-14.57	-14.39	3.05	1.77	1165.42	-120.82	1118.72	-74.12	-240.60
12	13	1261	7.81	-15.52	-10.12	2.40	9.84	1095.43	-105.78	928.59	61.05	-415.41
12	13	1262	7.88	-13.86	-3.63	-2.36	10.85	748.98	-87.14	414.86	246.98	-409.55
12	34	38	53.12	29.31	31.01	51.42	6.12	3596.30	1159.94	3474.67	1281.57	530.60
12	34	69	65.57	-104.47	56.18	-95.07	-38.85	2792.40	116.55	1367.01	1541.94	1335.06
12	34	855	-0.56	-45.87	-0.62	-45.82	-1.57	630.73	-62.54	9.57	558.62	-211.64
12	34	865	8.30	-6.97	-5.30	6.63	4.78	1408.82	27.75	632.68	803.89	-685.21
12	34	866	6.14	-25.82	-1.66	-18.02	13.73	720.66	-47.48	160.64	512.54	-341.39
12	34	1156	26.83	-12.99	9.63	4.21	19.72	845.50	533.85	556.44	822.91	80.81
12	34	1157	16.79	6.58	14.21	9.16	4.43	261.42	-442.41	-439.45	258.46	-45.56
12	34	1158	13.57	2.66	13.21	3.02	1.96	28.13	-1105.60	-1099.75	22.28	-81.21
12	34	1159	12.62	0.63	12.30	0.95	1.92	-60.67	-1560.77	-1556.54	-64.91	-79.59
12	34	1160	7.41	-0.19	6.63	0.60	2.31	-87.91	-1817.44	-1814.23	-91.12	-74.43
12	34	1161	6.72	-0.92	5.67	0.13	2.64	-99.86	-1895.04	-1893.11	-101.79	-58.79
12	34	1162	6.02	-1.32	4.58	0.13	2.92	-101.05	-1796.23	-1795.49	-101.79	-35.44
12	34	1163	5.21	-1.97	3.31	-6.31e-02	3.17	-94.26	-1473.55	-1473.55	-94.27	-3.19
12	34	1164	3.11	-2.25	1.81	-0.95	2.30	-72.43	-995.75	-994.42	-73.76	34.96
12	34	1165	1.48	-4.52	0.11	-3.15	2.52	-1.05	-408.22	-394.58	-14.69	73.28
12	34	1166	0.30	-9.46	-1.92	-7.24	4.09	457.11	118.27	414.69	160.69	112.13
12	34	1167	6.76	1.65	5.62	2.79	2.13	2.09	-20.62	-2.04	-16.49	-8.77
12	34	1168	-0.44	-17.70	-17.25	-0.90	-2.76	-3.84	-78.43	-77.58	-4.69	7.93
12	34	1169	-0.82	-41.99	-41.86	-0.94	-2.30	-0.24	-543.96	-543.37	-0.83	-17.82
12	34	1170	-0.28	-43.15	-43.07	-0.35	-1.83	3.11	-1098.25	-1097.00	1.86	-37.06
12	34	1171	3.51e-02	-40.69	-40.63	-3.27e-02	-1.66	5.48	-1539.14	-1537.28	3.62	-53.58
12	34	1172	3.65e-02	-37.61	-37.55	-1.87e-02	-1.44	6.35	-1789.25	-1786.57	3.67	-69.29
12	34	1173	2.63e-02	-34.64	-34.60	-1.65e-02	-1.22	6.48	-1855.66	-1852.08	2.90	-81.55
12	34	1174	2.95e-02	-31.57	-31.54	-2.03e-04	-0.97	6.44	-1740.34	-1735.95	2.05	-87.43
12	34	1175	6.36e-02	-28.20	-28.18	4.69e-02	-0.69	6.57	-1397.79	-1392.69	1.48	-84.45
12	34	1176	0.19	-24.63	-24.62	0.18	-0.41	5.66	-891.63	-887.25	1.29	-62.49
12	34	1177	0.56	-22.55	-22.54	0.56	-0.30	6.40	-267.39	-260.20	-0.78	-43.76
12	34	1178	0.40	-25.72	-25.66	0.34	-1.20	476.40	-9.12	474.49	-7.21	-30.40
12	34	1179	-0.93	-27.95	-27.91	-0.97	-0.96	903.40	-22.18	895.67	-14.45	-84.26
12	34	1180	4.40	1.54	2.95	2.99	-1.43	1.04	-8.68	-8.68	1.04	7.35e-02
12	34	1181	-0.61	-19.85	-19.85	-0.62	0.21	842.46	-29.53	821.77	-8.85	-132.70
12	34	1182	1.08	-3.38	-3.38	1.08	-2.50e-02	459.33	-35.23	431.49	-7.39	-113.99
12	34	1183	-81.78	-112.24	-82.55	-111.47	4.80	406.60	-301.07	-293.74	399.28	-71.61
12	34	1184	21.13	4.35	19.53	5.94	4.92	122.68	-28.80	-28.57	122.46	5.81
12	34	1185	1.09	-3.46	-3.39	1.03	0.55	16.29	-16.05	11.55	-11.31	11.44
12	34	1186	-1.06	-34.74	-34.55	-1.25	-2.55	-3.10	-277.16	-277.07	-3.18	-4.92
12	34	1187	-0.66	-42.72	-42.62	-0.75	-2.00	0.82	-828.93	-827.97	-0.14	-28.25
12	34	1188	-0.22	-42.16	-42.09	-0.29	-1.73	4.68	-1339.68	-1338.15	3.15	-45.35
12	34	1189	3.93e-02	-39.14	-39.08	-2.11e-02	-1.54	6.05	-1687.34	-1685.09	3.80	-61.70
12	34	1190	3.06e-02	-36.12	-36.07	-1.85e-02	-1.33	6.46	-1845.26	-1842.14	3.33	-76.03
12	34	1191	2.59e-02	-33.13	-33.10	-1.04e-02	-1.10	6.47	-1820.57	-1816.57	2.47	-85.44
12	34	1192	4.01e-02	-29.93	-29.91	1.70e-02	-0.83	6.41	-1614.64	-1609.93	1.71	-87.24

12	34	1193	0.11	-26.39	-26.38	9.72e-02	-0.54	5.82	-1140.68	-1136.23	1.36	-71.32
12	34	1194	0.40	-23.17	-23.17	0.40	-0.22	5.91	-599.43	-594.53	1.01	-54.28
12	34	1195	0.73	-23.55	-23.51	0.69	-0.98	115.75	-11.94	107.17	-3.36	-31.97
12	34	1196	-0.51	-28.24	-28.18	-0.57	-1.32	769.81	-13.51	767.10	-10.80	-45.96
12	34	1197	1.19	-3.60	1.18	-3.59	0.11	389.22	-72.78	-16.12	332.56	-151.54
12	34	1198	-0.86	-23.93	-0.92	-23.87	1.18	717.67	-114.68	-34.11	637.11	-246.11
12	34	1199	0.34	-9.68	-0.36	-8.98	2.55	1079.31	448.43	982.76	544.98	227.13
12	34	1200	1.73	-7.48	-0.56	-5.19	3.98	108.80	-84.63	-21.85	46.03	90.56
12	34	1201	2.28	-3.30	0.97	-1.99	2.37	-45.22	-721.51	-717.14	-49.59	54.18
12	34	1202	4.68	-2.46	2.59	-0.36	3.25	-86.07	-1228.72	-1228.51	-86.28	15.32
12	34	1203	5.61	-1.57	3.97	7.40e-02	3.02	-98.88	-1680.72	-1680.46	-99.14	-20.18
12	34	1204	6.38	-1.10	5.14	0.14	2.79	-101.35	-1867.65	-1866.33	-102.66	-48.18
12	34	1205	7.05	-0.76	6.16	0.13	2.48	-96.06	-1878.40	-1875.81	-98.64	-67.80
12	34	1206	9.98	0.21	9.51	0.67	2.08	-80.57	-1711.79	-1708.00	-84.35	-78.45
12	34	1207	13.03	1.33	12.73	1.62	1.83	-27.04	-1357.38	-1352.25	-32.17	-82.46
12	34	1208	14.50	4.75	13.74	5.51	2.62	117.20	-806.07	-800.98	112.10	-68.40
12	34	1209	22.14	4.78	13.96	12.95	8.66	490.80	3.27	3.32	490.75	-5.04
12	34	1210	15.18	-14.98	10.80	-10.61	10.62	1522.80	694.26	1214.86	1002.21	400.39
12	34	1211	2.67	-52.80	-46.01	-4.11	-18.17	604.08	103.29	256.83	450.54	230.91
12	34	1212	17.05	-37.62	-35.24	14.66	-11.17	301.39	216.49	219.51	298.37	-15.73
12	34	1213	13.67	-21.09	-20.50	13.09	-4.47	258.23	-141.69	-114.50	231.03	-100.67
12	34	1214	9.45	-12.85	-12.76	9.36	-1.44	180.67	-497.76	-476.27	159.17	-118.83
12	34	1215	5.42	-9.24	-9.24	5.42	0.13	108.50	-821.33	-806.66	93.83	-115.85
12	34	1216	2.86	-7.99	-7.90	2.78	0.97	51.75	-1102.38	-1093.18	42.55	-102.63
12	34	1217	1.65	-7.82	-7.61	1.43	1.41	11.36	-1346.29	-1340.20	5.27	-90.69
12	34	1218	1.10	-8.05	-7.75	0.80	1.65	-15.78	-1546.15	-1541.40	-20.54	-85.17
12	34	1219	0.80	-8.23	-7.85	0.42	1.81	-33.87	-1694.52	-1690.64	-37.75	-80.19
12	34	1220	0.68	-8.38	-7.90	0.20	2.02	-42.94	-1797.85	-1794.63	-46.15	-75.04
12	34	1221	0.76	-8.43	-7.88	0.21	2.17	-50.47	-1856.44	-1853.79	-53.11	-69.07
12	34	1222	0.86	-8.43	-7.81	0.24	2.33	-54.63	-1870.58	-1868.47	-56.74	-61.82
12	34	1223	0.93	-8.98	-8.30	0.26	2.49	-56.42	-1840.45	-1838.87	-58.00	-52.94
12	34	1224	1.02	-9.55	-8.84	0.31	2.66	-56.16	-1766.09	-1765.05	-57.20	-42.15
12	34	1225	1.08	-9.72	-8.94	0.30	2.80	-53.77	-1647.42	-1646.88	-54.30	-29.24
12	34	1226	1.11	-9.95	-9.06	0.22	3.00	-48.74	-1437.67	-1437.51	-48.89	-14.74
12	34	1227	0.94	-10.12	-9.17	-4.37e-03	3.09	-40.07	-1189.95	-1189.95	-40.07	2.68
12	34	1228	0.49	-10.19	-9.20	-0.50	3.10	-26.20	-952.73	-952.15	-26.77	23.12
12	34	1229	-0.35	-9.71	-8.62	-1.44	2.99	-1.46	-675.20	-671.52	-5.13	49.61
12	34	1230	-2.13	-8.49	-7.80	-2.82	1.99	42.83	-360.11	-343.59	26.31	79.90
12	34	1231	-3.78	-6.41	-6.04	-4.15	0.91	175.22	-66.67	35.87	72.68	119.54
12	34	1232	-1.84	-4.89	-3.25	-3.48	-1.52	569.20	67.22	506.33	130.08	166.15
12	34	1233	10.48	-5.80	-1.01	5.70	-7.42	1271.45	58.77	1237.75	92.46	199.30
12	34	1234	15.00	-14.87	-14.87	15.00	4.23e-02	1759.81	-188.60	1636.99	-65.78	-473.50
12	34	1235	26.80	-16.09	-1.38	12.08	20.36	1610.69	-79.13	1119.16	412.41	-767.46
12	34	1236	10.98	-22.63	-2.07	-9.57	16.38	1060.41	-212.10	282.08	566.23	-620.19
12	34	1237	3.45	-31.50	-11.57	-16.48	-17.30	144.43	13.66	57.75	100.34	61.82
12	34	1238	10.56	-31.35	-21.10	0.30	-18.02	61.22	-8.24	-8.20	61.18	-1.77
12	34	1239	8.19	-28.97	-24.30	3.52	-12.32	59.74	-234.35	-223.80	49.19	-54.69
12	34	1240	4.68	-26.32	-24.90	3.25	-6.49	49.71	-523.78	-513.39	39.32	-76.49
12	34	1241	2.28	-25.30	-25.04	2.01	-2.68	37.45	-819.78	-812.40	30.08	-79.19
12	34	1242	1.18	-24.97	-24.95	1.17	-0.67	23.82	-1093.20	-1088.08	18.70	-75.45
12	34	1243	0.65	-24.64	-24.63	0.65	0.22	10.90	-1335.92	-1332.10	7.08	-71.64
12	34	1244	0.18	-24.15	-24.13	0.17	0.56	8.38e-02	-1535.79	-1532.62	-3.09	-69.79
12	34	1245	0.12	-23.53	-23.51	9.37e-02	0.71	-8.09	-1684.46	-1681.54	-11.01	-69.90
12	34	1246	0.11	-22.84	-22.81	8.47e-02	0.82	-13.52	-1787.10	-1784.56	-16.06	-67.13
12	34	1247	0.14	-22.10	-22.06	9.83e-02	0.91	-17.44	-1844.57	-1841.95	-20.05	-69.07
12	34	1248	0.17	-21.34	-21.29	0.12	1.02	-19.83	-1856.87	-1854.16	-22.55	-70.52
12	34	1249	0.20	-20.56	-20.49	0.14	1.16	-20.97	-1824.27	-1821.49	-23.75	-70.78
12	34	1250	0.24	-19.76	-19.68	0.15	1.31	-21.21	-1746.53	-1744.00	-23.74	-65.96
12	34	1251	0.28	-18.96	-18.85	0.16	1.47	-20.03	-1624.03	-1621.62	-22.45	-62.20
12	34	1252	0.29	-18.16	-18.01	0.15	1.65	-17.43	-1410.54	-1408.33	-19.64	-55.49
12	34	1253	0.23	-17.34	-17.18	6.18e-02	1.70	-13.20	-1157.98	-1156.20	-14.98	-45.17
12	34	1254	6.76e-02	-16.54	-16.40	-7.97e-02	1.56	-7.09	-913.00	-911.96	-8.13	-30.72
12	34	1255	-0.40	-15.64	-15.56	-0.48	1.10	0.67	-623.17	-622.98	0.48	-10.89
12	34	1256	-1.02	-14.86	-14.86	-1.02	2.71e-02	7.77	-292.23	-291.80	7.34	11.45
12	34	1257	-1.18	-14.32	-14.12	-1.37	-1.59	97.99	-4.62	85.87	7.51	33.13
12	34	1258	0.49	-14.88	-13.89	-0.49	-3.76	507.84	-18.77	505.65	-16.58	33.88
12	34	1259	2.08	-15.29	-15.00	1.79	-2.23	887.11	-57.58	884.95	-55.42	-45.08
12	34	1260	3.91	-16.53	-16.13	3.52	2.83	1119.53	-115.33	1076.45	-72.25	-226.60
12	34	1261	8.59	-17.39	-11.10	2.30	11.13	1053.43	-101.72	894.22	57.48	-398.20
12	34	1262	7.87	-14.99	-4.02	-3.09	11.42	716.49	-88.52	395.91	232.06	-394.08
12	45	38	58.11	30.25	31.39	56.96	5.53	3608.51	1156.65	3490.77	1274.39	524.23
12	45	69	67.67	-101.05	58.87	-92.25	-37.51	2779.37	108.28	1362.22	1525.44	1333.05
12	45	855	-0.70	-49.32	-0.70	-49.32	6.62e-02	622.66	-65.20	8.49	548.97	-212.74
12	45	865	11.89	-8.81	-5.83	8.90	7.27	1429.58	33.29	641.45	821.43	-692.32
12	45	866	7.54	-28.44	-1.77	-19.13	15.76	727.27	-46.71	160.77	519.79	-342.84
12	45	1156	28.86	-15.32	8.16	5.38	22.04	841.92	528.62	549.08	821.46	77.39
12	45	1157	17.41	4.57	12.54	9.44	6.23	260.00	-453.20	-449.80	256.60	-49.14

12	45	1158	11.84	1.60	10.64	2.80	3.31	26.03	-1116.20	-1109.93	19.76	-84.38
12	45	1159	9.79	-0.27	8.92	0.61	2.83	-61.75	-1551.52	-1545.86	-67.41	-91.67
12	45	1160	6.32	-1.29	5.23	-0.20	2.66	-94.01	-1800.56	-1796.78	-97.79	-80.20
12	45	1161	3.29	-2.26	1.70	-0.67	2.51	-100.90	-1877.59	-1875.57	-102.92	-59.74
12	45	1162	2.40	-2.50	0.59	-0.68	2.36	-101.19	-1777.32	-1776.59	-101.93	-35.16
12	45	1163	1.45	-2.85	-0.55	-0.84	2.14	-94.29	-1461.10	-1461.09	-94.30	-3.17
12	45	1164	0.20	-3.73	-1.83	-1.70	1.96	-71.04	-989.83	-988.52	-72.35	34.63
12	45	1165	-1.56	-5.62	-3.30	-3.88	2.01	0.56	-399.42	-385.76	-13.09	72.64
12	45	1166	-1.69	-8.15	-2.35	-7.49	1.96	470.25	123.63	429.79	164.09	111.30
12	45	1167	7.10	1.81	5.82	3.09	2.26	1.47	-22.46	-3.72	-17.27	-9.86
12	45	1168	-0.27	-16.28	-15.98	-0.57	-2.16	-7.10	-84.08	-83.60	-7.58	6.03
12	45	1169	-0.61	-41.70	-41.65	-0.66	-1.47	-0.96	-553.34	-552.59	-1.70	-20.26
12	45	1170	2.66e-02	-36.86	-36.83	-3.60e-03	-1.05	2.92	-1107.58	-1106.16	1.50	-39.65
12	45	1171	0.42	-32.76	-32.73	0.39	-1.02	5.49	-1529.39	-1527.34	3.43	-56.13
12	45	1172	0.47	-28.77	-28.74	0.44	-0.99	6.31	-1773.23	-1770.34	3.42	-71.67
12	45	1173	0.47	-25.58	-25.55	0.44	-0.93	6.57	-1838.87	-1835.07	2.77	-83.65
12	45	1174	0.46	-22.94	-22.90	0.43	-0.86	6.64	-1721.53	-1716.91	2.02	-89.27
12	45	1175	0.44	-20.58	-20.55	0.42	-0.76	6.85	-1385.21	-1379.85	1.49	-86.22
12	45	1176	0.49	-18.61	-18.59	0.46	-0.66	7.07	-886.69	-880.90	1.27	-71.74
12	45	1177	0.64	-18.77	-18.72	0.60	-0.92	7.10	-259.26	-251.14	-1.02	-45.79
12	45	1178	0.53	-25.65	-25.51	0.39	-1.89	489.33	-9.81	487.18	-7.66	-32.67
12	45	1179	-0.61	-29.96	-29.92	-0.65	-1.05	913.89	-22.73	905.77	-14.61	-86.79
12	45	1180	3.84	1.37	2.60	2.62	-1.23	3.47	-6.58	-6.42	3.31	-1.23
12	45	1181	-0.39	-21.46	-21.45	-0.40	0.42	850.30	-30.18	829.01	-8.89	-135.25
12	45	1182	0.91	-4.18	-4.17	0.90	0.28	464.01	-35.05	435.46	-6.49	-115.91
12	45	1183	-81.45	-110.57	-82.44	-109.57	5.30	399.03	-301.87	-293.79	390.95	-74.83
12	45	1184	20.70	4.64	18.75	6.59	5.25	121.41	-29.86	-29.76	121.31	3.85
12	45	1185	1.61	-3.11	-2.93	1.43	0.90	12.41	-16.26	8.34	-12.19	10.01
12	45	1186	-0.76	-32.20	-32.00	-0.95	-2.47	-4.04	-285.36	-285.18	-4.22	-7.15
12	45	1187	-0.41	-41.13	-41.09	-0.44	-1.18	0.57	-838.61	-837.48	-0.56	-30.79
12	45	1188	0.13	-34.95	-34.92	0.10	-1.01	4.52	-1342.25	-1340.54	2.81	-47.94
12	45	1189	0.46	-30.67	-30.63	0.42	-1.01	6.03	-1671.56	-1669.10	3.57	-64.18
12	45	1190	0.48	-27.09	-27.06	0.44	-0.96	6.42	-1829.00	-1825.65	3.07	-78.27
12	45	1191	0.47	-24.21	-24.18	0.44	-0.90	6.62	-1802.89	-1798.66	2.39	-87.39
12	45	1192	0.45	-21.73	-21.70	0.42	-0.81	6.81	-1552.08	-1546.98	1.71	-89.02
12	45	1193	0.45	-19.50	-19.48	0.43	-0.70	7.08	-1136.45	-1130.74	1.37	-80.60
12	45	1194	0.52	-18.20	-18.16	0.48	-0.78	7.02	-593.22	-587.19	0.99	-59.86
12	45	1195	0.80	-21.02	-20.89	0.67	-1.65	127.51	-12.54	118.65	-3.68	-34.09
12	45	1196	-0.24	-30.17	-30.05	-0.35	-1.87	782.04	-14.18	779.09	-11.23	-48.40
12	45	1197	0.92	-4.58	0.87	-4.54	0.48	394.03	-72.11	-14.42	336.33	-153.51
12	45	1198	-1.10	-26.54	-1.23	-26.41	1.80	716.71	-115.82	-33.82	634.71	-248.07
12	45	1199	2.15	-7.93	2.15	-7.92	-0.26	1088.22	456.47	999.39	545.30	219.61
12	45	1200	-2.50	-7.19	-3.89	-5.80	2.14	113.72	-75.00	-9.59	48.31	89.81
12	45	1201	-0.70	-4.56	-2.55	-2.71	1.93	-44.04	-714.56	-710.23	-48.37	53.69
12	45	1202	0.90	-3.19	-1.17	-1.13	2.05	-86.06	-1223.73	-1223.52	-86.26	15.16
12	45	1203	1.92	-2.62	2.73e-02	-0.72	2.24	-98.97	-1660.83	-1660.57	-99.22	-20.01
12	45	1204	2.83	-2.36	1.14	-0.67	2.43	-101.50	-1849.64	-1848.29	-102.85	-48.44
12	45	1205	3.89	-1.85	2.26	-0.22	2.59	-97.18	-1861.11	-1858.40	-99.88	-68.99
12	45	1206	9.00	-0.90	8.18	-8.54e-02	2.72	-81.74	-1695.60	-1690.64	-86.71	-89.38
12	45	1207	10.67	0.39	9.73	1.32	2.96	-28.59	-1361.34	-1355.18	-34.75	-90.38
12	45	1208	13.74	3.35	11.63	5.47	4.19	115.40	-816.97	-811.40	109.84	-71.80
12	45	1209	23.69	2.26	12.58	13.37	10.71	489.39	-6.39	-6.24	489.24	-8.68
12	45	1210	17.52	-14.31	11.44	-8.22	12.51	1507.30	678.13	1209.32	976.12	397.85
12	45	1211	3.61	-52.33	-46.48	-2.24	-17.11	593.35	101.34	254.30	440.39	227.73
12	45	1212	17.02	-37.55	-36.09	15.56	-8.80	299.95	208.94	213.27	295.61	-19.39
12	45	1213	13.91	-20.88	-20.68	13.71	-2.63	258.14	-151.92	-123.43	229.66	-104.25
12	45	1214	9.36	-12.65	-12.64	9.36	0.31	180.17	-508.56	-486.11	157.72	-122.31
12	45	1215	5.52	-9.21	-9.01	5.32	1.72	107.55	-832.00	-816.63	92.18	-119.19
12	45	1216	3.11	-8.10	-7.58	2.59	2.36	51.51	-1113.63	-1102.87	40.75	-111.46
12	45	1217	1.96	-8.04	-7.31	1.23	2.60	11.42	-1350.85	-1342.87	3.44	-103.94
12	45	1218	1.37	-8.19	-7.40	0.57	2.63	-16.05	-1537.25	-1531.00	-22.30	-97.36
12	45	1219	0.95	-8.24	-7.48	0.18	2.54	-34.31	-1678.91	-1673.82	-39.40	-91.30
12	45	1220	0.84	-8.27	-7.55	0.12	2.46	-46.10	-1781.87	-1777.69	-50.28	-85.12
12	45	1221	0.65	-8.22	-7.53	-4.57e-02	2.38	-50.56	-1840.22	-1836.80	-53.99	-78.23
12	45	1222	0.64	-8.09	-7.42	-2.47e-02	2.31	-54.49	-1853.82	-1851.21	-57.10	-68.47
12	45	1223	0.57	-8.66	-8.07	-1.96e-02	2.25	-56.67	-1822.63	-1820.98	-58.31	-53.91
12	45	1224	0.53	-8.88	-8.32	-2.63e-02	2.22	-56.23	-1747.30	-1746.20	-57.33	-43.15
12	45	1225	0.46	-8.86	-8.36	-4.25e-02	2.11	-53.79	-1627.59	-1627.00	-54.38	-30.40
12	45	1226	0.36	-8.89	-8.40	-0.13	2.06	-48.74	-1425.16	-1424.99	-48.91	-15.39
12	45	1227	9.20e-02	-8.89	-8.44	-0.36	1.97	-40.04	-1184.83	-1184.82	-40.04	2.25
12	45	1228	-0.48	-8.77	-8.36	-0.89	1.80	-24.12	-946.70	-946.12	-24.69	22.97
12	45	1229	-1.48	-8.08	-7.71	-1.85	1.52	-0.82	-668.13	-664.47	-4.48	49.30
12	45	1230	-3.03	-7.03	-6.80	-3.25	0.93	43.85	-351.31	-334.63	27.18	79.45
12	45	1231	-3.87	-5.64	-4.99	-4.51	-0.85	177.75	-54.67	47.97	75.12	115.41
12	45	1232	0.31	-6.59	-2.72	-3.57	-3.42	580.52	71.22	520.73	131.02	163.95
12	45	1233	12.60	-7.08	-1.22	6.74	-9.00	1284.99	57.86	1252.72	90.14	196.38
12	45	1234	18.49	-16.05	-16.04	18.48	-0.51	1773.86	-191.76	1649.63	-67.53	-478.27

12	45	1235	28.44	-17.23	-2.29	13.51	21.42	1624.09	-76.36	1127.38	420.35	-773.25
12	45	1236	11.41	-24.26	-2.42	-10.43	17.38	1068.78	-211.23	284.64	572.91	-623.57
12	45	1237	3.49	-30.28	-11.34	-15.45	-16.76	140.49	13.49	54.99	98.99	59.57
12	45	1238	10.62	-30.09	-20.37	0.90	-17.35	59.09	-14.32	-14.03	58.80	-4.57
12	45	1239	7.79	-26.97	-23.03	3.84	-11.02	58.57	-243.41	-231.99	47.15	-57.61
12	45	1240	4.33	-23.98	-23.00	3.35	-5.17	49.39	-533.74	-522.70	38.35	-79.48
12	45	1241	2.10	-22.64	-22.56	2.01	-1.43	37.20	-829.83	-821.97	29.34	-82.16
12	45	1242	1.07	-21.95	-21.94	1.06	0.47	22.98	-1102.81	-1097.33	17.50	-78.36
12	45	1243	0.66	-21.24	-21.17	0.59	1.23	10.47	-1338.68	-1334.56	6.35	-74.43
12	45	1244	0.31	-20.40	-20.30	0.22	1.41	-0.27	-1526.02	-1522.57	-3.71	-72.43
12	45	1245	0.12	-19.49	-19.39	1.87e-02	1.38	-8.45	-1668.50	-1665.34	-11.61	-72.37
12	45	1246	9.39e-02	-18.59	-18.50	9.95e-04	1.31	-13.40	-1771.24	-1768.16	-16.48	-73.49
12	45	1247	9.37e-02	-17.74	-17.65	5.81e-03	1.25	-17.35	-1828.48	-1825.38	-20.46	-74.97
12	45	1248	0.10	-16.94	-16.86	1.67e-02	1.21	-19.73	-1840.34	-1837.16	-22.91	-76.04
12	45	1249	0.12	-16.22	-16.13	2.91e-02	1.19	-20.66	-1806.94	-1803.70	-23.90	-76.00
12	45	1250	0.13	-15.57	-15.48	3.94e-02	1.19	-20.60	-1728.40	-1725.15	-23.84	-74.33
12	45	1251	0.13	-14.98	-14.89	4.16e-02	1.16	-19.36	-1604.84	-1601.70	-22.49	-70.45
12	45	1252	0.11	-14.46	-14.37	1.79e-02	1.17	-17.02	-1398.35	-1395.72	-19.65	-60.23
12	45	1253	1.67e-02	-14.00	-13.92	-6.80e-02	1.09	-12.77	-1153.13	-1150.93	-14.97	-50.02
12	45	1254	-0.30	-13.66	-13.61	-0.35	0.81	-6.93	-906.97	-905.80	-8.10	-32.43
12	45	1255	-0.74	-13.29	-13.29	-0.74	0.11	0.87	-616.15	-615.81	0.53	-14.38
12	45	1256	-1.19	-13.28	-13.18	-1.29	-1.11	7.21	-282.95	-282.82	7.08	6.11
12	45	1257	-0.95	-13.72	-13.05	-1.62	-2.86	106.23	-1.86	97.59	6.78	29.31
12	45	1258	1.24	-15.38	-13.71	-0.43	-5.00	520.84	-19.45	518.98	-17.60	31.63
12	45	1259	3.09	-16.12	-15.57	2.53	-3.22	899.81	-59.00	897.41	-56.60	-47.92
12	45	1260	4.98	-17.28	-16.94	4.64	2.72	1130.99	-115.23	1086.97	-71.20	-230.06
12	45	1261	9.35	-18.29	-11.91	2.97	11.65	1062.82	-101.03	901.77	60.02	-401.87
12	45	1262	8.02	-16.00	-4.53	-3.46	12.00	722.90	-87.84	399.66	235.40	-396.96
12	66	38	54.46	30.37	32.24	52.58	6.45	3593.65	1160.19	3471.56	1282.28	531.22
12	66	69	65.43	-104.76	56.03	-95.36	-38.87	2793.49	114.95	1370.10	1538.34	1336.63
12	66	855	-0.49	-46.45	-0.54	-46.41	-1.38	628.07	-62.36	9.31	556.40	-210.59
12	66	865	8.72	-6.28	-4.20	6.64	5.18	1407.78	29.14	630.21	806.70	-683.65
12	66	866	6.40	-25.93	-1.31	-18.22	13.78	718.18	-47.22	159.84	511.11	-340.01
12	66	1156	26.60	-13.14	9.29	4.17	19.70	847.03	534.89	557.67	824.25	81.20
12	66	1157	16.56	6.50	13.92	9.14	4.43	261.89	-440.78	-437.86	258.97	-45.22
12	66	1158	13.26	2.62	12.89	3.00	1.96	28.37	-1102.65	-1096.84	22.55	-80.88
12	66	1159	12.28	0.59	11.95	0.92	1.92	-60.34	-1555.80	-1551.50	-64.64	-80.10
12	66	1160	7.42	-0.20	6.66	0.56	2.28	-87.97	-1811.92	-1808.66	-91.22	-74.84
12	66	1161	6.71	-0.88	5.69	0.13	2.59	-99.83	-1889.42	-1887.47	-101.78	-59.11
12	66	1162	5.98	-1.25	4.60	0.13	2.84	-101.02	-1790.85	-1790.10	-101.77	-35.61
12	66	1163	5.14	-1.86	3.34	-6.25e-02	3.05	-94.23	-1472.78	-1472.77	-94.24	-3.36
12	66	1164	3.11	-2.19	1.87	-0.95	2.24	-72.36	-998.27	-996.96	-73.66	34.75
12	66	1165	1.50	-4.46	0.23	-3.19	2.44	-1.35	-409.25	-395.74	-14.87	73.00
12	66	1166	0.36	-9.18	-1.62	-7.21	3.86	455.97	118.39	413.62	160.74	111.82
12	66	1167	6.79	1.70	5.66	2.83	2.12	2.17	-20.34	-1.90	-16.27	-8.67
12	66	1168	-0.45	-17.53	-17.08	-0.90	-2.74	-4.00	-77.84	-76.95	-4.90	8.09
12	66	1169	-0.79	-41.87	-41.73	-0.92	-2.31	-0.42	-542.27	-541.70	-0.99	-17.60
12	66	1170	-0.27	-43.26	-43.19	-0.34	-1.84	3.09	-1095.32	-1094.09	1.86	-36.83
12	66	1171	3.07e-02	-40.79	-40.72	-3.76e-02	-1.67	5.46	-1534.21	-1532.36	3.61	-53.34
12	66	1172	3.37e-02	-37.69	-37.64	-2.28e-02	-1.46	6.33	-1783.80	-1781.13	3.66	-69.06
12	66	1173	2.41e-02	-34.73	-34.68	-2.05e-02	-1.24	6.47	-1850.12	-1846.55	2.90	-81.31
12	66	1174	2.67e-02	-31.67	-31.64	-5.14e-03	-1.00	6.45	-1735.05	-1730.68	2.07	-87.18
12	66	1175	5.83e-02	-28.33	-28.31	3.92e-02	-0.74	6.57	-1396.96	-1391.89	1.50	-84.20
12	66	1176	0.18	-24.83	-24.83	0.17	-0.48	5.72	-894.02	-889.60	1.31	-62.88
12	66	1177	0.53	-22.91	-22.90	0.52	-0.39	6.39	-268.36	-261.28	-0.69	-43.54
12	66	1178	0.37	-26.40	-26.34	0.31	-1.27	475.59	-9.00	473.70	-7.11	-30.16
12	66	1179	-0.91	-28.70	-28.66	-0.94	-0.93	902.01	-22.05	894.33	-14.37	-83.88
12	66	1180	4.23	1.47	2.83	2.87	-1.38	0.63	-9.20	-9.19	0.61	0.40
12	66	1181	-0.60	-20.40	-20.39	-0.61	0.29	841.06	-29.51	820.49	-8.94	-132.22
12	66	1182	1.02	-3.64	-3.64	1.02	6.08e-02	458.33	-35.37	430.65	-7.69	-113.57
12	66	1183	-82.07	-112.49	-82.78	-111.77	4.59	405.21	-300.87	-293.69	398.04	-70.81
12	66	1184	21.08	4.27	19.50	5.85	4.91	123.18	-28.64	-28.40	122.94	5.99
12	66	1185	1.08	-3.40	-3.33	1.01	0.55	16.64	-15.98	11.83	-11.18	11.56
12	66	1186	-1.03	-34.43	-34.23	-1.22	-2.57	-3.29	-276.06	-275.98	-3.37	-4.73
12	66	1187	-0.63	-42.84	-42.74	-0.72	-2.01	0.81	-826.62	-825.67	-0.14	-28.02
12	66	1188	-0.21	-42.26	-42.19	-0.28	-1.74	4.65	-1335.70	-1334.18	3.13	-45.11
12	66	1189	3.59e-02	-39.22	-39.16	-2.55e-02	-1.55	6.03	-1682.09	-1679.85	3.79	-61.46
12	66	1190	2.82e-02	-36.20	-36.15	-2.25e-02	-1.35	6.45	-1839.73	-1836.61	3.33	-75.79
12	66	1191	2.35e-02	-33.22	-33.19	-1.47e-02	-1.13	6.47	-1815.12	-1811.12	2.48	-85.19
12	66	1192	3.64e-02	-30.05	-30.02	1.10e-02	-0.87	6.43	-1609.62	-1604.93	1.73	-86.99
12	66	1193	0.10	-26.56	-26.54	8.68e-02	-0.59	5.88	-1143.69	-1139.19	1.39	-71.71
12	66	1194	0.37	-23.44	-23.44	0.37	-0.30	5.93	-601.12	-596.22	1.02	-54.36
12	66	1195	0.68	-24.04	-24.00	0.64	-1.05	114.97	-11.80	106.45	-3.27	-31.75
12	66	1196	-0.51	-29.05	-28.98	-0.57	-1.37	768.69	-13.35	766.01	-10.67	-45.66
12	66	1197	1.13	-3.84	1.13	-3.83	0.19	388.06	-72.93	-16.61	331.75	-150.97
12	66	1198	-0.79	-24.41	-0.85	-24.35	1.22	715.52	-114.65	-34.50	635.38	-245.18
12	66	1199	0.66	-9.27	0.13	-8.74	2.23	1077.54	448.69	980.68	545.54	226.99

12	66	1200	1.67	-7.31	-0.42	-5.23	3.79	108.11	-84.93	-22.62	45.79	90.26
12	66	1201	2.30	-3.23	1.06	-1.99	2.30	-45.44	-723.31	-718.99	-49.76	53.93
12	66	1202	4.60	-2.32	2.64	-0.36	3.12	-86.04	-1231.87	-1231.67	-86.24	15.13
12	66	1203	5.55	-1.48	3.99	7.49e-02	2.92	-98.85	-1675.59	-1675.33	-99.11	-20.35
12	66	1204	6.35	-1.05	5.16	0.14	2.72	-101.32	-1862.11	-1860.78	-102.65	-48.42
12	66	1205	7.05	-0.73	6.19	0.13	2.44	-96.02	-1872.78	-1870.16	-98.64	-68.16
12	66	1206	9.82	0.18	9.35	0.64	2.07	-80.24	-1706.48	-1702.64	-84.08	-78.91
12	66	1207	12.70	1.29	12.40	1.59	1.84	-26.75	-1353.38	-1348.22	-31.91	-82.58
12	66	1208	14.22	4.71	13.43	5.49	2.62	117.49	-803.76	-798.70	112.44	-68.06
12	66	1209	21.94	4.61	13.66	12.89	8.66	491.63	4.34	4.38	491.58	-4.70
12	66	1210	14.90	-14.98	10.54	-10.62	10.55	1524.85	694.43	1217.19	1002.08	401.04
12	66	1211	2.66	-53.04	-46.23	-4.14	-18.24	603.84	102.87	257.26	449.44	231.32
12	66	1212	17.02	-37.82	-35.45	14.65	-11.15	301.55	217.30	220.22	298.63	-15.41
12	66	1213	13.69	-21.21	-20.62	13.10	-4.48	258.69	-140.53	-113.48	231.64	-100.33
12	66	1214	9.44	-12.93	-12.84	9.35	-1.44	180.98	-496.05	-474.65	159.57	-118.47
12	66	1215	5.41	-9.29	-9.29	5.41	0.13	108.71	-818.98	-804.36	94.10	-115.51
12	66	1216	2.85	-8.03	-7.94	2.76	0.97	52.00	-1099.50	-1090.25	42.75	-102.78
12	66	1217	1.62	-7.86	-7.64	1.40	1.41	11.64	-1342.37	-1336.19	5.46	-91.26
12	66	1218	1.07	-8.08	-7.77	0.76	1.65	-15.52	-1541.24	-1536.41	-20.35	-85.69
12	66	1219	0.78	-8.25	-7.87	0.40	1.81	-33.61	-1689.27	-1685.33	-37.55	-80.66
12	66	1220	0.66	-8.39	-7.92	0.20	2.00	-42.92	-1792.39	-1789.13	-46.18	-75.46
12	66	1221	0.73	-8.43	-7.90	0.21	2.13	-50.43	-1850.88	-1848.20	-53.11	-69.44
12	66	1222	0.83	-8.43	-7.83	0.23	2.28	-54.59	-1865.02	-1862.88	-56.73	-62.16
12	66	1223	0.90	-8.92	-8.28	0.26	2.43	-56.38	-1834.97	-1833.37	-57.98	-53.27
12	66	1224	0.98	-9.44	-8.76	0.30	2.58	-56.12	-1760.77	-1759.72	-57.18	-42.46
12	66	1225	1.03	-9.59	-8.85	0.28	2.71	-53.73	-1642.36	-1641.81	-54.28	-29.55
12	66	1226	1.04	-9.80	-8.96	0.20	2.89	-48.70	-1436.90	-1436.74	-48.86	-14.99
12	66	1227	0.86	-9.95	-9.06	-2.23e-02	2.96	-40.03	-1193.04	-1193.04	-40.03	2.45
12	66	1228	0.40	-9.99	-9.07	-0.52	2.95	-26.14	-955.19	-954.63	-26.71	22.92
12	66	1229	-0.47	-9.49	-8.49	-1.47	2.83	-1.57	-676.95	-673.31	-5.20	49.39
12	66	1230	-2.22	-8.28	-7.65	-2.86	1.86	42.68	-361.09	-344.71	26.30	79.65
12	66	1231	-3.88	-6.17	-5.87	-4.18	0.77	174.54	-66.66	35.12	72.76	119.12
12	66	1232	-1.58	-4.96	-3.07	-3.48	-1.68	568.40	67.40	505.30	130.50	166.22
12	66	1233	10.75	-5.69	-0.86	5.92	-7.49	1269.73	59.01	1235.89	92.85	199.55
12	66	1234	15.68	-14.73	-14.73	15.68	0.30	1757.49	-187.95	1634.77	-65.22	-472.96
12	66	1235	26.96	-16.24	-1.23	11.95	20.57	1608.75	-77.70	1117.38	413.66	-766.31
12	66	1236	11.13	-22.78	-1.88	-9.76	16.49	1058.29	-212.00	281.20	565.08	-619.08
12	66	1237	3.44	-31.55	-11.61	-16.49	-17.32	144.99	13.77	58.02	100.74	62.03
12	66	1238	10.56	-31.44	-21.17	0.29	-18.05	60.84	-7.66	-7.62	60.80	-1.54
12	66	1239	8.21	-29.04	-24.38	3.54	-12.33	59.31	-233.27	-222.76	48.81	-54.43
12	66	1240	4.68	-26.39	-24.96	3.26	-6.50	49.73	-522.09	-511.75	39.39	-76.20
12	66	1241	2.27	-25.36	-25.10	2.01	-2.68	37.52	-817.46	-810.12	30.18	-78.89
12	66	1242	1.17	-25.02	-25.00	1.15	-0.67	23.86	-1090.27	-1085.18	18.77	-75.16
12	66	1243	0.63	-24.69	-24.68	0.63	0.22	10.94	-1331.94	-1328.14	7.14	-71.36
12	66	1244	0.18	-24.19	-24.18	0.17	0.56	0.13	-1530.86	-1527.70	-3.04	-69.52
12	66	1245	0.11	-23.58	-23.56	9.22e-02	0.70	-8.05	-1679.21	-1676.30	-10.96	-69.64
12	66	1246	0.11	-22.88	-22.86	8.30e-02	0.80	-13.51	-1781.68	-1779.12	-16.07	-67.23
12	66	1247	0.13	-22.15	-22.11	9.63e-02	0.88	-17.42	-1839.06	-1836.43	-20.05	-69.15
12	66	1248	0.16	-21.39	-21.34	0.12	0.99	-19.81	-1851.36	-1848.63	-22.54	-70.59
12	66	1249	0.19	-20.61	-20.55	0.13	1.12	-20.94	-1818.84	-1816.04	-23.73	-70.84
12	66	1250	0.23	-19.82	-19.74	0.15	1.26	-21.16	-1741.28	-1738.72	-23.72	-66.31
12	66	1251	0.26	-19.03	-18.92	0.16	1.41	-19.97	-1619.05	-1616.60	-22.42	-62.54
12	66	1252	0.27	-18.24	-18.10	0.14	1.57	-17.36	-1409.79	-1407.54	-19.60	-55.83
12	66	1253	0.20	-17.43	-17.28	5.37e-02	1.61	-13.14	-1161.02	-1159.21	-14.95	-45.52
12	66	1254	3.05e-02	-16.65	-16.52	-9.71e-02	1.45	-7.03	-915.41	-914.35	-8.10	-31.08
12	66	1255	-0.44	-15.77	-15.71	-0.50	0.98	0.70	-624.90	-624.70	0.50	-11.25
12	66	1256	-1.04	-15.04	-15.04	-1.05	-0.11	7.85	-293.31	-292.89	7.43	11.21
12	66	1257	-1.17	-14.56	-14.32	-1.40	-1.75	97.39	-4.63	85.14	7.62	33.17
12	66	1258	0.54	-15.15	-14.14	-0.48	-3.86	506.99	-18.66	504.77	-16.44	34.08
12	66	1259	2.22	-15.59	-15.29	1.93	-2.29	885.82	-57.39	883.69	-55.26	-44.81
12	66	1260	4.14	-16.80	-16.40	3.73	2.89	1117.91	-114.92	1074.94	-71.95	-226.11
12	66	1261	8.78	-17.68	-11.30	2.40	11.31	1051.77	-101.31	892.83	57.62	-397.49
12	66	1262	7.90	-15.24	-4.14	-3.21	11.56	715.08	-88.51	395.08	231.49	-393.38
12	77	38	58.98	31.27	32.60	57.66	5.91	3604.81	1157.20	3486.29	1275.72	525.39
12	77	69	67.34	-101.63	58.49	-92.78	-37.64	2781.59	107.36	1365.72	1523.24	1334.79
12	77	855	-0.61	-49.62	-0.61	-49.62	0.11	620.68	-64.78	8.33	547.57	-211.59
12	77	865	12.05	-8.02	-4.69	8.72	7.46	1426.79	34.19	638.23	822.74	-690.16
12	77	866	7.67	-28.32	-1.41	-19.24	15.64	724.22	-46.52	159.96	517.74	-341.34
12	77	1156	28.46	-15.28	7.95	5.23	21.83	843.74	530.12	550.93	822.93	78.07
12	77	1157	17.15	4.64	12.39	9.40	6.07	260.60	-450.66	-447.33	257.27	-48.50
12	77	1158	11.68	1.65	10.54	2.80	3.19	26.45	-1112.35	-1106.15	20.25	-83.78
12	77	1159	9.69	-0.23	8.86	0.60	2.75	-61.31	-1547.33	-1541.72	-66.93	-91.16
12	77	1160	6.42	-1.20	5.39	-0.16	2.61	-93.55	-1796.47	-1792.69	-97.33	-80.12
12	77	1161	3.53	-2.08	2.06	-0.60	2.47	-100.78	-1873.44	-1871.41	-102.81	-59.98
12	77	1162	2.63	-2.29	0.95	-0.61	2.33	-101.15	-1773.54	-1772.79	-101.90	-35.35
12	77	1163	1.65	-2.62	-0.19	-0.78	2.12	-94.26	-1461.38	-1461.38	-94.26	-3.35
12	77	1164	0.39	-3.48	-1.46	-1.63	1.93	-71.08	-992.86	-991.57	-72.37	34.44

12	77	1165	-1.34	-5.41	-2.89	-3.85	1.98	0.12	-401.20	-387.67	-13.41	72.42
12	77	1166	-1.40	-8.04	-2.01	-7.44	1.91	467.99	123.30	427.44	163.85	111.06
12	77	1167	7.10	1.85	5.84	3.11	2.24	1.59	-22.01	-3.44	-16.98	-9.67
12	77	1168	-0.30	-16.22	-15.92	-0.61	-2.19	-7.01	-83.00	-82.46	-7.54	6.35
12	77	1169	-0.60	-41.60	-41.54	-0.66	-1.55	-1.07	-550.86	-550.14	-1.79	-19.83
12	77	1170	1.13e-02	-37.50	-37.47	-2.26e-02	-1.13	2.92	-1103.85	-1102.46	1.53	-39.19
12	77	1171	0.39	-33.53	-33.49	0.35	-1.09	5.47	-1525.29	-1523.26	3.44	-55.68
12	77	1172	0.43	-29.61	-29.57	0.40	-1.04	6.30	-1769.13	-1766.27	3.43	-71.23
12	77	1173	0.43	-26.44	-26.40	0.40	-0.98	6.56	-1834.74	-1830.97	2.79	-83.23
12	77	1174	0.42	-23.77	-23.74	0.39	-0.91	6.63	-1717.83	-1713.24	2.04	-88.86
12	77	1175	0.41	-21.36	-21.33	0.38	-0.80	6.83	-1385.45	-1380.14	1.52	-85.82
12	77	1176	0.45	-19.33	-19.30	0.42	-0.70	7.00	-889.51	-883.79	1.29	-71.34
12	77	1177	0.60	-19.45	-19.41	0.56	-0.96	7.01	-260.91	-252.99	-0.91	-45.39
12	77	1178	0.49	-26.34	-26.20	0.35	-1.91	487.42	-9.62	485.32	-7.52	-32.24
12	77	1179	-0.61	-30.54	-30.50	-0.65	-1.02	911.60	-22.55	903.58	-14.53	-86.19
12	77	1180	3.72	1.32	2.51	2.53	-1.20	2.76	-7.19	-7.12	2.69	-0.79
12	77	1181	-0.40	-21.87	-21.86	-0.41	0.48	848.24	-30.09	827.12	-8.98	-134.55
12	77	1182	0.87	-4.38	-4.35	0.85	0.34	462.62	-35.20	434.29	-6.87	-115.33
12	77	1183	-81.78	-110.94	-82.68	-110.04	5.05	398.28	-301.59	-293.73	390.42	-73.75
12	77	1184	20.69	4.54	18.78	6.44	5.21	122.01	-29.61	-29.49	121.90	4.20
12	77	1185	1.55	-3.08	-2.91	1.38	0.87	13.09	-16.17	8.90	-11.98	10.25
12	77	1186	-0.75	-32.11	-31.91	-0.95	-2.49	-4.16	-283.56	-283.39	-4.32	-6.77
12	77	1187	-0.40	-41.38	-41.34	-0.44	-1.26	0.58	-835.47	-834.37	-0.52	-30.34
12	77	1188	0.12	-35.66	-35.63	8.30e-02	-1.08	4.50	-1338.05	-1336.37	2.82	-47.48
12	77	1189	0.42	-31.47	-31.44	0.38	-1.07	6.01	-1667.64	-1665.21	3.58	-63.73
12	77	1190	0.44	-27.94	-27.90	0.40	-1.02	6.41	-1824.83	-1821.51	3.09	-77.85
12	77	1191	0.43	-25.06	-25.02	0.39	-0.95	6.61	-1798.92	-1794.72	2.41	-86.98
12	77	1192	0.41	-22.54	-22.51	0.38	-0.86	6.78	-1552.33	-1547.28	1.73	-88.61
12	77	1193	0.41	-20.25	-20.22	0.39	-0.74	7.03	-1139.82	-1134.18	1.39	-80.20
12	77	1194	0.48	-18.89	-18.85	0.45	-0.82	6.93	-595.44	-589.51	1.01	-59.46
12	77	1195	0.75	-21.72	-21.60	0.62	-1.66	125.73	-12.35	116.95	-3.57	-33.69
12	77	1196	-0.25	-30.82	-30.70	-0.37	-1.88	779.88	-13.96	776.98	-11.06	-47.89
12	77	1197	0.89	-4.75	0.84	-4.70	0.53	392.46	-72.32	-15.05	335.20	-152.77
12	77	1198	-1.01	-26.80	-1.14	-26.68	1.80	714.64	-115.69	-34.24	633.19	-246.98
12	77	1199	2.44	-7.78	2.42	-7.77	-0.34	1085.66	456.08	995.91	545.83	220.11
12	77	1200	-2.22	-7.03	-3.47	-5.78	2.11	112.58	-76.10	-11.39	47.87	89.57
12	77	1201	-0.49	-4.33	-2.16	-2.65	1.90	-44.36	-716.96	-712.68	-48.64	53.48
12	77	1202	1.09	-2.96	-0.80	-1.06	2.02	-86.03	-1227.31	-1227.12	-86.22	14.99
12	77	1203	2.14	-2.40	0.39	-0.66	2.21	-98.93	-1657.38	-1657.11	-99.19	-20.19
12	77	1204	3.06	-2.17	1.50	-0.60	2.40	-101.46	-1845.61	-1844.25	-102.82	-48.66
12	77	1205	4.12	-1.69	2.62	-0.19	2.55	-97.04	-1856.95	-1854.22	-99.77	-69.25
12	77	1206	8.92	-0.84	8.13	-5.35e-02	2.66	-81.31	-1691.66	-1686.74	-86.23	-88.91
12	77	1207	10.54	0.43	9.65	1.32	2.87	-28.17	-1357.00	-1350.90	-34.27	-89.82
12	77	1208	13.53	3.42	11.50	5.45	4.05	115.85	-813.73	-808.24	110.36	-71.18
12	77	1209	23.37	2.30	12.40	13.28	10.52	490.34	-4.50	-4.37	490.21	-8.03
12	77	1210	17.04	-14.36	11.12	-8.44	12.28	1510.68	679.65	1212.12	978.20	398.71
12	77	1211	3.52	-52.61	-46.66	-2.43	-17.27	594.03	101.07	254.95	440.16	228.42
12	77	1212	16.99	-37.74	-36.23	15.47	-8.97	300.22	210.41	214.51	296.11	-18.75
12	77	1213	13.90	-21.01	-20.78	13.67	-2.80	258.61	-149.88	-121.66	230.38	-103.61
12	77	1214	9.35	-12.73	-12.73	9.35	0.16	180.52	-505.93	-483.65	158.24	-121.66
12	77	1215	5.49	-9.25	-9.08	5.31	1.59	107.84	-828.74	-813.49	92.58	-118.56
12	77	1216	3.06	-8.12	-7.65	2.59	2.24	51.79	-1109.79	-1099.12	41.11	-110.86
12	77	1217	1.89	-8.04	-7.37	1.22	2.50	11.70	-1346.55	-1338.63	3.79	-103.37
12	77	1218	1.30	-8.19	-7.45	0.56	2.55	-15.76	-1533.09	-1526.89	-21.96	-96.84
12	77	1219	0.91	-8.25	-7.53	0.18	2.47	-34.02	-1674.98	-1669.94	-39.06	-90.83
12	77	1220	0.80	-8.28	-7.60	0.12	2.40	-45.81	-1777.76	-1773.61	-49.96	-84.69
12	77	1221	0.63	-8.24	-7.58	-3.05e-02	2.33	-50.52	-1836.04	-1832.64	-53.91	-77.83
12	77	1222	0.62	-8.11	-7.48	-9.36e-03	2.26	-54.47	-1849.68	-1847.08	-57.06	-68.25
12	77	1223	0.56	-8.63	-8.07	-3.12e-03	2.21	-56.61	-1818.65	-1816.99	-58.27	-54.15
12	77	1224	0.53	-8.83	-8.29	-8.74e-03	2.18	-56.18	-1743.57	-1742.45	-57.29	-43.37
12	77	1225	0.47	-8.81	-8.32	-2.59e-02	2.08	-53.74	-1624.20	-1623.60	-54.34	-30.61
12	77	1226	0.36	-8.83	-8.36	-0.11	2.03	-48.70	-1425.45	-1425.28	-48.87	-15.59
12	77	1227	9.23e-02	-8.83	-8.39	-0.35	1.94	-40.00	-1188.36	-1188.36	-40.00	2.06
12	77	1228	-0.48	-8.70	-8.31	-0.88	1.77	-24.24	-949.68	-949.12	-24.80	22.78
12	77	1229	-1.49	-8.01	-7.65	-1.84	1.48	-0.99	-670.48	-666.86	-4.61	49.10
12	77	1230	-3.04	-6.95	-6.74	-3.25	0.89	43.61	-353.04	-336.52	27.09	79.24
12	77	1231	-3.85	-5.58	-4.92	-4.51	-0.84	176.84	-55.66	46.19	74.99	115.35
12	77	1232	0.39	-6.52	-2.58	-3.56	-3.42	578.75	71.08	518.48	131.35	164.21
12	77	1233	12.69	-6.86	-1.05	6.87	-8.94	1282.12	58.19	1249.59	90.73	196.88
12	77	1234	18.86	-15.80	-15.80	18.86	-0.20	1770.35	-190.84	1646.34	-66.82	-477.33
12	77	1235	28.45	-17.27	-2.07	13.25	21.54	1621.02	-75.18	1124.91	420.93	-771.60
12	77	1236	11.53	-24.27	-2.20	-10.55	17.40	1065.94	-211.21	283.54	571.19	-622.17
12	77	1237	3.48	-30.44	-11.40	-15.55	-16.83	141.38	13.61	55.49	99.50	59.97
12	77	1238	10.61	-30.28	-20.51	0.84	-17.44	58.86	-13.20	-12.96	58.63	-4.11
12	77	1239	7.84	-27.21	-23.21	3.84	-11.15	58.24	-241.56	-230.26	46.94	-57.10
12	77	1240	4.36	-24.24	-23.23	3.34	-5.29	49.43	-531.21	-520.27	38.49	-78.93
12	77	1241	2.10	-22.92	-22.82	2.01	-1.54	37.29	-826.65	-818.87	29.51	-81.61

12	77	1242	1.05	-22.25	-22.24	1.05	0.37	23.09	-1099.06	-1093.64	17.67	-77.82
12	77	1243	0.63	-21.57	-21.51	0.57	1.14	10.54	-1334.46	-1330.39	6.47	-73.91
12	77	1244	0.30	-20.76	-20.67	0.21	1.34	-0.20	-1521.91	-1518.50	-3.60	-71.94
12	77	1245	0.11	-19.88	-19.79	2.36e-02	1.31	-8.37	-1664.60	-1661.47	-11.50	-71.90
12	77	1246	8.90e-02	-18.99	-18.91	6.37e-03	1.25	-13.40	-1767.15	-1764.11	-16.45	-73.05
12	77	1247	9.01e-02	-18.15	-18.07	1.17e-02	1.19	-17.34	-1824.32	-1821.24	-20.42	-74.56
12	77	1248	9.98e-02	-17.36	-17.29	2.29e-02	1.16	-19.72	-1836.22	-1833.06	-22.88	-75.64
12	77	1249	0.11	-16.64	-16.56	3.55e-02	1.14	-20.66	-1802.97	-1799.75	-23.88	-75.63
12	77	1250	0.13	-15.98	-15.90	4.58e-02	1.15	-20.59	-1724.68	-1721.47	-23.81	-73.97
12	77	1251	0.13	-15.38	-15.30	4.76e-02	1.12	-19.35	-1601.48	-1598.37	-22.46	-70.09
12	77	1252	0.11	-14.85	-14.77	2.29e-02	1.13	-16.99	-1398.62	-1396.00	-19.61	-60.17
12	77	1253	1.16e-02	-14.38	-14.30	-6.51e-02	1.05	-12.75	-1156.58	-1154.40	-14.94	-49.96
12	77	1254	-0.30	-14.02	-13.97	-0.34	0.77	-6.89	-909.90	-908.72	-8.07	-32.64
12	77	1255	-0.74	-13.63	-13.63	-0.75	6.79e-02	0.88	-618.49	-618.15	0.55	-14.44
12	77	1256	-1.19	-13.60	-13.49	-1.30	-1.15	7.34	-284.82	-284.68	7.20	6.32
12	77	1257	-0.94	-14.02	-13.34	-1.63	-2.91	104.86	-2.04	95.86	6.95	29.68
12	77	1258	1.22	-15.61	-13.97	-0.42	-4.99	518.88	-19.29	516.97	-17.37	32.02
12	77	1259	3.14	-16.35	-15.81	2.60	-3.19	897.45	-58.69	895.10	-56.33	-47.41
12	77	1260	5.11	-17.49	-17.14	4.76	2.79	1128.40	-114.82	1084.57	-70.99	-229.28
12	77	1261	9.47	-18.50	-12.04	3.02	11.79	1060.36	-100.68	899.74	59.94	-400.86
12	77	1262	8.03	-16.17	-4.60	-3.54	12.09	720.94	-87.88	398.51	234.55	-396.01

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-112.49	-82.78	-111.77	-38.87		-1968.76	-1967.18	-104.39	-795.19
	72.22		64.08	57.66	24.98	3657.67		3550.13	1590.83	1336.63

Macro	Tipo	Angolo 1-X (gradi)
13	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
13	28	22	396.17	-28.55	378.66	-11.04	-84.44	5694.65	1288.07	5514.83	1467.90	-871.82
13	28	30	65.10	-52.93	-47.47	59.64	-24.80	1682.11	-143.73	740.39	797.99	912.47
13	28	1263	-1.81	-106.12	-14.89	-93.05	34.54	1655.35	585.81	1600.66	640.51	-235.60
13	28	1264	-19.35	-101.18	-22.38	-98.16	15.44	523.04	26.50	488.37	61.17	-126.54
13	28	1265	-1.21	-89.86	-5.37	-85.70	18.74	177.21	-287.34	159.54	-269.67	-88.87
13	28	1266	7.56	-78.12	1.08	-71.63	22.66	58.49	-525.24	47.80	-514.55	-78.24
13	28	1267	12.32	-66.14	2.97	-56.80	25.41	22.43	-642.27	14.31	-634.16	-72.99
13	28	1268	16.48	-53.85	4.06	-41.44	26.82	18.05	-588.87	11.22	-582.04	-64.01
13	28	1269	22.06	-41.28	6.36	-25.59	27.35	61.15	-404.73	56.42	-400.00	-46.70
13	28	1270	32.71	-27.81	14.61	-9.72	27.71	198.69	-67.51	197.73	-66.55	-15.97
13	28	1271	48.77	-35.87	16.29	-3.39	41.16	569.73	442.79	532.86	479.66	57.62
13	28	1272	182.72	-4.56	-4.49	182.65	3.67	356.96	-137.20	-43.31	263.07	193.86
13	28	1273	6.69	1.74	2.50	5.94	1.78	0.33	-22.29	-13.03	-8.92	-11.12
13	28	1274	233.88	-0.48	0.26	233.14	13.15	1051.50	-104.94	2.67	943.89	335.96
13	28	1275	270.10	0.54	1.68	268.97	17.46	403.58	-42.39	9.28	351.92	142.72
13	28	1276	248.46	5.78e-02	1.31	247.22	17.57	3.67	-137.48	2.64	-136.45	12.03
13	28	1277	203.19	-8.12e-02	1.00	202.11	14.78	4.23	-425.35	-0.33	-420.79	-44.01
13	28	1278	155.37	-6.07e-02	0.79	154.52	11.48	4.59	-648.76	-0.78	-643.39	-58.97
13	28	1279	106.73	-3.21e-02	0.61	106.09	8.24	3.10	-611.77	-1.54	-607.12	-53.26
13	28	1280	61.13	-9.42e-02	0.33	60.71	5.08	1.66	-440.86	-1.46	-437.74	-37.02
13	28	1281	18.49	-0.66	-0.33	18.16	2.49	-1.39	-159.34	-2.78	-157.95	-14.76
13	28	1282	-1.31	-5.78	-1.41	-5.68	-0.66	81.39	-5.04	-2.22	78.57	15.36
13	28	1283	18.45	4.36	4.66	18.15	2.04	112.33	-31.11	106.31	-25.09	28.75
13	28	1284	-80.76	-91.17	-90.36	-81.56	2.78	298.80	-180.45	298.72	-180.37	6.09
13	28	1285	41.97	-9.15	24.21	8.61	24.34	1020.72	479.68	657.24	843.16	254.05
13	28	1286	42.18	-24.61	20.64	-3.07	31.22	340.35	171.73	339.79	172.28	9.63
13	28	1287	26.66	-34.70	9.51	-17.55	27.54	110.60	-257.34	107.51	-254.24	-33.59
13	28	1288	19.10	-47.62	5.05	-33.57	27.21	31.60	-514.33	25.66	-508.40	-56.62
13	28	1289	14.29	-59.99	3.47	-49.18	26.20	14.01	-629.79	6.46	-622.24	-69.31
13	28	1290	10.09	-72.09	2.29	-64.30	24.08	34.37	-624.63	25.56	-615.83	-75.68
13	28	1291	4.04	-84.04	-1.21	-78.79	20.86	100.90	-396.78	87.01	-382.89	-81.97
13	28	1292	-9.00	-95.59	-12.32	-92.27	16.63	302.06	-148.27	277.59	-123.80	-102.07
13	28	1293	-27.97	-105.95	-32.18	-101.74	17.62	920.19	254.90	873.74	301.35	-169.55
13	28	1294	-37.72	-109.46	-51.99	-95.19	-28.64	3078.24	1226.84	3031.75	1273.34	-289.69
13	28	1295	177.31	-18.06	174.23	-14.99	24.31	2469.90	1222.75	2114.33	1578.31	563.04
13	28	1296	124.56	11.03	11.16	124.43	-3.74	648.75	-20.48	137.07	491.21	283.92
13	28	1297	205.86	-0.49	0.61	204.76	15.01	1152.42	-146.75	-21.03	1026.70	384.10
13	28	1298	260.31	1.47	2.35	259.43	15.07	744.59	-70.79	8.77	665.03	241.95
13	28	1299	264.30	0.30	1.56	263.03	18.22	119.06	-32.97	5.53	80.56	66.11
13	28	1300	226.58	-4.23e-02	1.15	225.39	16.39	2.46	-303.31	0.71	-301.56	-23.04

13	28	1301	179.38	-7.83e-02	0.89	178.42	13.13	4.68	-557.05	-0.76	-551.61	-55.00
13	28	1302	131.17	-4.19e-02	0.70	130.43	9.86	3.39	-647.87	-1.80	-642.67	-57.91
13	28	1303	82.06	-5.14e-02	0.49	81.52	6.66	2.54	-543.30	-1.37	-539.39	-46.04
13	28	1304	40.58	-0.22	7.94e-02	40.28	3.45	0.35	-309.03	-1.96	-306.73	-26.61
13	28	1305	2.66	-1.29	-0.96	2.32	1.10	0.64	-16.03	0.50	-15.89	-1.52
13	28	1306	0.35	-2.11	0.19	-1.95	0.59	82.24	-11.33	-7.21	78.13	19.18
13	28	1307	18.72	-41.36	18.58	-41.22	-2.92	505.75	52.14	283.64	274.26	226.76
13	28	1308	-0.53	-18.57	-6.60	-12.51	-8.52	184.75	-0.99	76.71	107.05	91.63
13	28	1309	30.49	-32.16	27.62	-29.29	13.10	281.98	174.08	178.56	277.50	21.53
13	28	1310	6.48	-10.92	6.39	-10.84	1.19	136.79	28.11	37.33	127.57	30.28
13	28	1311	32.01	-26.64	19.19	-13.82	24.24	163.40	70.97	139.99	94.38	-40.20
13	28	1312	15.01	-10.62	7.18	-2.79	11.80	42.18	5.34	25.77	21.75	-18.31
13	28	1313	33.88	-26.95	12.88	-5.95	28.92	112.15	-115.76	97.45	-101.07	-55.97
13	28	1314	26.20	-13.10	5.71	7.39	19.63	26.12	-142.66	16.92	-133.46	-38.32
13	28	1315	35.10	-28.28	8.56	-1.74	31.27	68.62	-284.10	58.15	-273.63	-59.88
13	28	1316	36.69	-12.10	4.55	20.04	23.13	18.28	-297.08	11.22	-290.02	-46.66
13	28	1317	36.29	-29.01	6.22	1.06	32.55	38.26	-422.49	29.78	-414.01	-61.94
13	28	1318	47.46	-10.98	3.86	32.62	25.44	10.13	-431.17	4.03	-425.07	-51.53
13	28	1319	37.55	-28.95	5.09	3.52	33.24	17.66	-527.79	9.96	-520.09	-64.34
13	28	1320	58.83	-9.38	3.57	45.87	26.75	3.64	-535.14	-2.26	-529.24	-56.06
13	28	1321	38.77	-28.23	4.55	5.99	33.49	7.25	-599.45	-0.20	-592.00	-66.81
13	28	1322	70.79	-7.84	3.49	59.45	27.62	8.32e-02	-605.57	-5.99	-599.49	-60.37
13	28	1323	39.97	-27.14	4.29	8.54	33.49	7.12	-640.88	-0.19	-633.57	-68.46
13	28	1324	83.20	-6.58	3.50	73.12	28.34	0.13	-644.56	-6.13	-638.30	-63.22
13	28	1325	41.12	-25.94	4.08	11.10	33.35	12.59	-650.27	5.47	-643.16	-68.31
13	28	1326	92.55	-5.93	3.53	83.10	29.02	4.45	-649.73	-1.62	-643.67	-62.69
13	28	1327	41.77	-24.46	3.73	13.58	32.75	28.36	-625.34	21.77	-618.74	-65.33
13	28	1328	101.76	-5.37	3.51	92.89	29.52	15.50	-617.95	10.47	-612.91	-56.24
13	28	1329	42.10	-23.24	2.96	15.90	32.02	56.45	-518.03	50.49	-512.06	-58.22
13	28	1330	113.88	-4.76	3.32	105.80	29.89	33.07	-497.77	29.99	-494.69	-40.32
13	28	1331	41.58	-22.19	1.25	18.13	30.75	106.14	-377.77	101.94	-373.56	-44.91
13	28	1332	124.04	-4.56	2.69	116.79	29.66	62.86	-339.97	62.62	-339.74	-9.72
13	28	1333	40.05	-21.63	-2.29	20.71	28.62	183.92	-254.54	182.82	-253.44	-21.95
13	28	1334	132.59	-4.82	1.12	126.65	27.93	119.95	-204.11	114.12	-198.28	43.07
13	28	1335	38.28	-22.32	-8.84	24.81	25.20	315.27	-99.19	314.60	-98.52	16.64
13	28	1336	140.64	-5.95	-2.08	136.78	23.50	253.19	-75.10	191.51	-13.42	128.23
13	28	1337	39.78	-25.40	-18.69	33.07	19.80	541.51	78.16	522.21	97.46	92.57
13	28	1338	147.29	-8.22	-6.88	145.95	14.38	518.11	-1.34	296.36	220.40	256.93
13	28	1339	49.05	-32.02	-30.57	47.59	10.75	910.99	277.32	841.10	347.21	198.50
13	28	1340	153.15	-11.53	-11.53	153.15	-0.58	898.42	23.37	418.95	502.84	435.50
13	28	1341	78.21	-39.16	-38.60	77.65	-8.12	1459.86	507.62	1295.11	672.38	360.20
13	28	1342	152.24	-8.87	-7.41	150.78	-15.27	1317.49	3.13	514.89	805.73	640.89
13	28	1343	107.07	4.96	39.64	72.39	-48.36	2164.82	683.53	1852.62	995.73	604.15
13	28	1344	141.41	9.20	10.12	140.49	-10.98	1632.49	-102.93	477.26	1052.30	818.69
13	60	22	394.11	-30.72	377.39	-14.01	-82.60	5668.16	1256.11	5489.29	1434.98	-870.18
13	60	30	64.62	-56.04	-50.42	59.00	-25.42	1715.05	-161.98	713.62	839.45	936.40
13	60	1263	-1.57	-108.33	-15.22	-94.68	35.65	1646.40	566.98	1594.11	619.27	-231.76
13	60	1264	-19.06	-102.44	-22.40	-99.11	16.33	517.03	13.14	485.82	44.34	-121.45
13	60	1265	-0.92	-90.65	-5.36	-86.21	19.45	172.65	-304.41	157.56	-289.32	-83.51
13	60	1266	7.86	-78.62	1.09	-71.86	23.22	58.06	-519.83	48.80	-510.58	-72.54
13	60	1267	12.56	-66.39	3.00	-56.83	25.75	22.61	-614.65	15.54	-607.58	-66.76
13	60	1268	16.73	-53.97	4.10	-41.34	27.08	21.09	-564.06	15.42	-558.39	-57.32
13	60	1269	22.37	-41.16	6.66	-25.45	27.41	64.16	-382.86	60.56	-379.27	-39.93
13	60	1270	32.74	-27.43	14.97	-9.65	27.45	205.12	-49.85	204.77	-49.51	-9.42
13	60	1271	48.62	-35.32	16.80	-3.50	40.72	598.94	457.65	553.08	503.51	66.16
13	60	1272	192.77	-4.42	-4.33	192.68	4.14	312.83	-150.79	-48.25	210.28	192.42
13	60	1273	6.60	1.79	2.43	5.95	1.64	1.37	-15.00	-8.78	-4.85	-7.95
13	60	1274	241.83	-0.33	0.42	241.07	13.47	1021.67	-110.31	2.23	909.13	338.71
13	60	1275	275.78	0.82	2.01	274.59	18.07	389.31	-49.18	9.11	331.02	148.87
13	60	1276	251.37	0.20	1.50	250.08	18.00	5.36	-160.77	3.26	-158.66	18.58
13	60	1277	205.54	3.39e-03	1.11	204.43	15.06	3.34	-448.71	0.30	-445.67	-36.95
13	60	1278	157.06	-1.12e-02	0.87	156.19	11.70	4.17	-616.92	-6.55e-02	-612.68	-51.12
13	60	1279	107.88	-9.27e-03	0.65	107.23	8.38	3.43	-585.15	-1.83e-02	-581.70	-44.95
13	60	1280	59.87	-9.84e-02	0.34	59.44	5.11	2.18	-417.10	0.15	-415.07	-29.05
13	60	1281	15.81	-0.58	-0.32	15.55	2.06	-0.81	-140.10	-1.23	-139.68	-7.65
13	60	1282	-1.12	-5.85	-1.36	-5.61	-1.04	95.05	-5.85	-1.73	90.93	19.97
13	60	1283	18.20	3.54	3.76	17.98	1.78	122.54	-28.83	114.30	-20.59	34.34
13	60	1284	-82.41	-93.60	-92.95	-83.05	2.60	295.58	-178.50	294.52	-177.44	22.33
13	60	1285	40.49	-9.33	22.84	8.31	23.83	1047.76	466.23	635.52	878.47	264.17
13	60	1286	41.46	-23.42	21.12	-3.08	30.10	352.65	188.59	350.98	190.26	16.44
13	60	1287	26.77	-34.36	9.85	-17.44	27.35	115.35	-237.70	113.28	-235.64	-26.93
13	60	1288	19.30	-47.66	5.08	-33.44	27.38	34.97	-490.68	30.20	-485.91	-49.84
13	60	1289	14.56	-60.18	3.51	-49.14	26.53	16.89	-604.45	10.48	-598.03	-62.82
13	60	1290	10.40	-72.50	2.31	-64.41	24.59	34.53	-594.20	26.70	-586.37	-69.72
13	60	1291	4.33	-84.67	-1.20	-79.14	21.49	99.47	-415.83	87.86	-404.22	-76.47
13	60	1292	-8.71	-96.58	-12.32	-92.98	17.43	296.90	-163.05	275.52	-141.67	-96.84
13	60	1293	-27.68	-107.59	-32.28	-102.99	18.61	913.03	240.55	869.95	283.64	-164.68

13	60	1294	-40.54	-110.37	-53.62	-97.29	-27.24	3062.64	1199.88	3017.08	1245.43	-287.73
13	60	1295	176.85	-16.96	173.53	-13.64	25.14	2454.11	1196.35	2110.09	1540.38	560.67
13	60	1296	129.58	10.95	11.02	129.51	-2.77	612.00	-34.60	130.32	447.08	281.84
13	60	1297	211.79	-0.47	0.66	210.66	15.47	1111.72	-154.16	-23.63	981.19	384.96
13	60	1298	266.94	1.54	2.48	265.99	15.81	723.16	-75.56	8.96	638.64	245.68
13	60	1299	268.46	0.48	1.79	267.15	18.72	110.18	-44.41	6.01	59.76	72.47
13	60	1300	229.22	6.41e-02	1.29	228.00	16.69	2.16	-326.15	1.35	-325.34	-16.28
13	60	1301	181.39	-1.27e-02	0.98	180.40	13.38	3.99	-552.62	-0.10	-548.52	-47.56
13	60	1302	132.57	-6.50e-03	0.76	131.81	10.04	3.65	-618.79	-0.35	-614.79	-49.76
13	60	1303	83.01	-3.64e-02	0.51	82.46	6.74	2.97	-517.85	0.21	-515.09	-37.79
13	60	1304	37.40	-0.24	8.10e-02	37.08	3.45	0.93	-287.40	-0.34	-286.14	-19.05
13	60	1305	0.59	-1.11	-0.92	0.41	0.53	5.17	-5.61	-0.30	-0.14	5.39
13	60	1306	-0.12	-1.99	-0.16	-1.96	0.27	90.79	-9.78	-4.23	85.24	22.97
13	60	1307	17.78	-42.70	17.62	-42.53	-3.16	517.17	43.35	276.75	283.78	236.88
13	60	1308	-0.13	-19.40	-6.66	-12.87	-9.12	195.77	-2.94	78.78	114.05	97.77
13	60	1309	30.32	-33.02	27.70	-30.40	12.61	301.69	179.38	186.98	294.09	29.51
13	60	1310	6.44	-11.60	6.43	-11.59	0.32	150.98	24.51	35.75	139.74	35.99
13	60	1311	31.28	-26.32	19.47	-14.51	23.26	167.66	92.01	148.49	111.18	-32.91
13	60	1312	13.94	-10.96	7.27	-4.28	11.03	43.80	19.42	25.95	37.27	-10.80
13	60	1313	33.31	-26.63	13.12	-6.44	28.33	115.19	-95.62	103.25	-83.68	-48.73
13	60	1314	24.73	-13.08	5.81	5.83	18.91	26.69	-122.50	19.99	-115.80	-30.89
13	60	1315	34.85	-28.25	8.74	-2.14	31.08	71.21	-262.76	62.76	-254.31	-52.43
13	60	1316	35.20	-12.74	4.59	17.87	23.03	19.04	-275.40	13.80	-270.15	-38.95
13	60	1317	36.23	-29.21	6.32	0.70	32.60	40.08	-399.39	33.26	-392.57	-54.32
13	60	1318	45.84	-11.56	3.89	30.38	25.46	10.85	-407.67	6.27	-403.08	-43.58
13	60	1319	37.57	-29.25	5.15	3.17	33.40	19.69	-503.17	13.48	-496.95	-56.68
13	60	1320	57.03	-9.90	3.61	43.53	26.86	4.32	-510.10	-0.19	-505.59	-47.98
13	60	1321	38.87	-28.60	4.61	5.66	33.73	9.13	-573.82	3.05	-567.74	-59.23
13	60	1322	68.84	-8.31	3.53	57.00	27.80	0.70	-579.44	-4.05	-574.69	-52.32
13	60	1323	40.15	-27.56	4.37	8.22	33.80	7.65	-613.01	1.58	-606.94	-61.07
13	60	1324	81.10	-6.99	3.55	70.56	28.58	0.68	-616.11	-4.33	-611.10	-55.36
13	60	1325	41.34	-26.37	4.17	10.80	33.69	13.07	-620.05	7.10	-614.07	-61.20
13	60	1326	92.15	-6.12	3.58	82.45	29.31	4.94	-618.75	3.20e-02	-613.84	-55.14
13	60	1327	42.15	-25.02	3.83	13.30	33.25	28.29	-593.94	22.73	-588.39	-58.54
13	60	1328	103.14	-5.42	3.56	94.16	29.90	15.28	-585.57	11.25	-581.54	-49.04
13	60	1329	42.55	-23.81	3.08	15.65	32.58	56.11	-512.73	51.37	-507.98	-51.72
13	60	1330	115.29	-4.83	3.38	107.08	30.31	32.88	-492.58	30.74	-490.44	-33.45
13	60	1331	42.11	-22.79	1.39	17.92	31.38	104.40	-398.71	101.42	-395.73	-38.64
13	60	1332	126.18	-4.59	2.77	118.82	30.13	63.37	-362.76	63.35	-362.74	-3.12
13	60	1333	40.65	-22.24	-2.11	20.52	29.34	182.78	-274.51	182.23	-273.96	-15.83
13	60	1334	135.68	-4.82	1.22	129.64	28.52	121.91	-226.85	114.75	-219.68	49.47
13	60	1335	38.87	-22.88	-8.62	24.61	26.03	314.48	-118.49	313.30	-117.30	22.64
13	60	1336	144.09	-5.94	-1.93	140.08	24.18	254.32	-96.09	191.46	-33.23	134.45
13	60	1337	40.12	-25.96	-18.63	32.79	20.75	538.73	61.13	520.30	79.57	92.00
13	60	1338	151.04	-8.32	-6.86	149.57	15.20	515.42	-18.76	295.66	201.00	262.86
13	60	1339	50.29	-32.27	-30.54	48.56	11.83	905.26	260.28	837.60	327.94	197.63
13	60	1340	157.16	-11.51	-11.51	157.16	0.41	890.16	7.87	416.96	481.07	439.98
13	60	1341	80.22	-39.05	-38.67	79.84	-6.67	1452.13	484.80	1288.87	648.06	362.32
13	60	1342	156.57	-8.85	-7.51	155.22	-14.86	1300.63	-12.21	511.54	776.88	642.87
13	60	1343	107.42	6.04	39.20	74.26	-47.56	2148.44	655.58	1841.08	962.94	603.64
13	60	1344	146.20	9.19	9.99	145.39	-10.46	1604.28	-120.66	470.62	1013.00	818.73
13	92	22	393.94	-30.88	377.28	-14.22	-82.46	5666.24	1253.86	5487.41	1432.69	-870.11
13	92	30	64.60	-56.26	-50.64	58.97	-25.47	1717.41	-163.32	711.73	842.36	938.09
13	92	1263	-1.55	-108.49	-15.25	-94.80	35.73	1645.79	565.66	1593.66	617.78	-231.49
13	92	1264	-19.04	-102.53	-22.40	-99.18	16.40	516.63	12.19	485.66	43.17	-121.09
13	92	1265	-0.90	-90.70	-5.36	-86.24	19.51	172.35	-305.61	157.43	-290.68	-83.13
13	92	1266	7.88	-78.66	1.09	-71.87	23.27	58.03	-519.43	48.87	-510.28	-72.13
13	92	1267	12.58	-66.40	3.01	-56.83	25.78	22.62	-612.67	15.62	-605.67	-66.32
13	92	1268	16.75	-53.97	4.10	-41.33	27.10	21.30	-562.29	15.70	-556.70	-56.85
13	92	1269	22.39	-41.15	6.68	-25.44	27.41	64.37	-381.33	60.85	-377.81	-39.46
13	92	1270	32.75	-27.39	15.00	-9.64	27.43	205.58	-48.63	205.27	-48.32	-8.96
13	92	1271	48.61	-35.27	16.84	-3.49	40.69	601.03	458.67	554.52	505.18	66.77
13	92	1272	193.53	-4.41	-4.32	193.44	4.17	309.59	-151.83	-48.62	206.38	192.28
13	92	1273	6.59	1.79	2.43	5.95	1.63	1.44	-14.49	-8.48	-4.57	-7.72
13	92	1274	242.42	-0.32	0.43	241.67	13.49	1019.49	-110.70	2.19	906.60	338.89
13	92	1275	276.19	0.84	2.04	274.99	18.11	388.32	-49.68	9.10	329.55	149.30
13	92	1276	251.58	0.21	1.51	250.28	18.04	5.49	-162.39	3.30	-160.20	19.04
13	92	1277	205.70	9.05e-03	1.12	204.59	15.08	3.30	-450.36	0.35	-447.41	-36.45
13	92	1278	157.18	-8.28e-03	0.87	156.30	11.72	4.15	-614.64	-1.53e-02	-610.47	-50.57
13	92	1279	107.96	-8.35e-03	0.65	107.30	8.39	3.46	-583.26	8.93e-02	-579.88	-44.37
13	92	1280	59.78	-9.93e-02	0.34	59.34	5.11	2.22	-415.43	0.27	-413.48	-28.49
13	92	1281	15.62	-0.58	-0.32	15.36	2.03	-0.75	-138.78	-1.12	-138.41	-7.15
13	92	1282	-1.10	-5.86	-1.36	-5.61	-1.06	96.00	-5.91	-1.70	91.79	20.29
13	92	1283	18.18	3.48	3.70	17.97	1.76	123.27	-28.68	114.87	-20.27	34.73
13	92	1284	-82.52	-93.78	-93.14	-83.16	2.59	295.40	-178.41	294.24	-177.24	23.47
13	92	1285	40.38	-9.34	22.74	8.30	23.79	1049.73	465.21	633.98	880.95	264.89
13	92	1286	41.41	-23.33	21.16	-3.07	30.02	353.54	189.75	351.77	191.52	16.92

13	92	1287	26.78	-34.33	9.87	-17.42	27.34	115.69	-236.34	113.69	-234.34	-26.47
13	92	1288	19.32	-47.66	5.08	-33.42	27.40	35.21	-489.01	30.52	-484.32	-49.36
13	92	1289	14.58	-60.19	3.51	-49.13	26.55	17.09	-602.63	10.75	-596.29	-62.36
13	92	1290	10.42	-72.52	2.32	-64.42	24.63	34.54	-592.02	26.77	-584.26	-69.30
13	92	1291	4.36	-84.71	-1.20	-79.16	21.54	99.37	-417.17	87.92	-405.71	-76.08
13	92	1292	-8.69	-96.65	-12.32	-93.03	17.49	296.56	-164.08	275.38	-142.91	-96.47
13	92	1293	-27.66	-107.71	-32.28	-103.08	18.68	912.55	239.53	869.70	282.39	-164.34
13	92	1294	-40.75	-110.44	-53.74	-97.45	-27.14	3061.53	1197.99	3016.03	1243.49	-287.60
13	92	1295	176.81	-16.88	173.47	-13.54	25.20	2452.91	1194.47	2109.74	1537.64	560.44
13	92	1296	129.95	10.94	11.00	129.89	-2.69	609.29	-35.63	129.82	443.84	281.65
13	92	1297	212.25	-0.47	0.67	211.11	15.50	1108.71	-154.70	-23.83	977.83	384.99
13	92	1298	267.43	1.54	2.49	266.48	15.87	721.62	-75.91	8.96	636.74	245.94
13	92	1299	268.76	0.49	1.81	267.44	18.76	109.65	-45.28	6.05	58.32	72.93
13	92	1300	229.41	7.15e-02	1.30	228.18	16.72	2.15	-327.75	1.40	-326.99	-15.80
13	92	1301	181.53	-8.54e-03	0.99	180.54	13.40	3.95	-552.29	-5.38e-02	-548.29	-47.03
13	92	1302	132.66	-4.64e-03	0.76	131.90	10.05	3.67	-616.71	-0.25	-612.78	-49.19
13	92	1303	83.07	-3.60e-02	0.52	82.52	6.75	3.01	-516.05	0.32	-513.37	-37.22
13	92	1304	37.17	-0.24	8.05e-02	36.85	3.45	0.98	-285.90	-0.23	-284.70	-18.53
13	92	1305	0.45	-1.09	-0.91	0.27	0.49	6.22	-5.62	-0.36	0.96	5.88
13	92	1306	-0.15	-1.99	-0.19	-1.96	0.24	91.40	-9.68	-4.02	85.74	23.24
13	92	1307	17.71	-42.79	17.55	-42.63	-3.18	517.99	42.72	276.26	284.45	237.60
13	92	1308	-0.10	-19.46	-6.66	-12.89	-9.16	196.54	-3.08	78.93	114.54	98.21
13	92	1309	30.31	-33.07	27.71	-30.47	12.57	303.09	179.74	187.58	295.26	30.08
13	92	1310	6.44	-11.65	6.43	-11.65	0.25	151.97	24.25	35.64	140.59	36.39
13	92	1311	31.23	-26.29	19.49	-14.55	23.19	167.96	93.49	149.09	112.36	-32.39
13	92	1312	13.87	-10.99	7.27	-4.39	10.98	44.15	20.17	25.96	38.36	-10.27
13	92	1313	33.28	-26.61	13.14	-6.47	28.29	115.42	-94.22	103.66	-82.47	-48.23
13	92	1314	24.62	-13.08	5.82	5.72	18.85	26.74	-121.10	20.21	-114.58	-30.37
13	92	1315	34.84	-28.25	8.75	-2.16	31.07	71.40	-261.27	63.09	-252.97	-51.91
13	92	1316	35.09	-12.79	4.59	17.72	23.02	19.11	-273.89	13.98	-268.77	-38.42
13	92	1317	36.23	-29.22	6.33	0.68	32.60	40.21	-397.77	33.50	-391.06	-53.79
13	92	1318	45.73	-11.61	3.90	30.22	25.46	10.91	-406.03	6.42	-401.54	-43.02
13	92	1319	37.58	-29.27	5.15	3.15	33.41	19.84	-501.43	13.72	-495.31	-56.15
13	92	1320	56.91	-9.94	3.61	43.37	26.87	4.37	-508.33	-5.07e-02	-503.91	-47.42
13	92	1321	38.88	-28.62	4.62	5.64	33.75	9.26	-571.99	3.27	-566.00	-58.70
13	92	1322	68.70	-8.34	3.54	56.83	27.82	0.75	-577.58	-3.92	-572.91	-51.76
13	92	1323	40.16	-27.59	4.37	8.21	33.82	7.68	-611.01	1.70	-605.03	-60.55
13	92	1324	80.95	-7.02	3.55	70.39	28.60	0.73	-614.08	-4.20	-609.15	-54.81
13	92	1325	41.36	-26.39	4.18	10.79	33.71	13.11	-617.88	7.21	-611.99	-60.70
13	92	1326	92.12	-6.13	3.58	82.41	29.33	4.98	-616.53	0.15	-611.70	-54.61
13	92	1327	42.18	-25.06	3.84	13.29	33.29	28.28	-591.69	22.80	-586.21	-58.06
13	92	1328	103.24	-5.42	3.57	94.25	29.93	15.26	-583.25	11.30	-579.29	-48.53
13	92	1329	42.59	-23.85	3.09	15.64	32.62	56.09	-512.34	51.43	-507.68	-51.25
13	92	1330	115.39	-4.84	3.39	107.17	30.34	32.87	-492.20	30.80	-490.12	-32.96
13	92	1331	42.15	-22.83	1.41	17.91	31.42	104.30	-400.19	101.39	-397.28	-38.19
13	92	1332	126.33	-4.59	2.77	118.96	30.16	63.42	-364.36	63.40	-364.34	-2.65
13	92	1333	40.70	-22.29	-2.10	20.51	29.39	182.71	-275.91	182.19	-275.39	-15.40
13	92	1334	135.91	-4.82	1.23	129.85	28.56	122.06	-228.43	114.79	-221.17	49.93
13	92	1335	38.93	-22.92	-8.60	24.60	26.09	314.44	-119.83	313.21	-118.61	23.06
13	92	1336	144.33	-5.94	-1.92	140.32	24.23	254.41	-97.56	191.45	-34.61	134.89
13	92	1337	40.16	-26.00	-18.63	32.78	20.82	538.55	59.94	520.17	78.31	91.97
13	92	1338	151.31	-8.33	-6.86	149.84	15.26	515.24	-19.99	295.61	199.64	263.28
13	92	1339	50.38	-32.28	-30.53	48.63	11.91	904.87	259.07	837.36	326.57	197.58
13	92	1340	157.46	-11.51	-11.51	157.46	0.49	889.56	6.76	416.81	479.51	440.29
13	92	1341	80.36	-39.04	-38.68	80.00	-6.56	1451.57	483.18	1288.42	646.33	362.45
13	92	1342	156.89	-8.85	-7.52	155.55	-14.82	1299.39	-13.31	511.29	774.79	642.99
13	92	1343	107.44	6.12	39.17	74.40	-47.50	2147.23	653.58	1840.23	960.58	603.57
13	92	1344	146.55	9.18	9.98	145.76	-10.42	1602.19	-121.94	470.13	1010.13	818.70

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	396.17	-110.44	-93.14	-103.08	-84.44	5694.65	-650.27	-48.62	-643.67	-871.82
			378.66	274.99	41.16			5514.83	1578.31	938.09

Macro	Tipo	Angolo 1-X (gradi)
14	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
14	5	22	378.61	-310.37	374.30	-306.05	54.33	6092.53	-623.68	5015.94	452.90	2464.05
14	5	40	132.43	-111.81	120.22	-99.60	-53.24	1.469e+04	728.69	1.119e+04	4232.71	-6054.35
14	5	580	518.76	-53.71	342.59	122.45	-264.23	232.07	-222.70	-126.64	136.00	185.63

14	5	581	166.70	-59.77	88.26	18.67	-107.75	11.43	-231.32	-177.35	-42.54	100.94
14	5	582	78.62	-33.92	45.81	-1.11	-51.15	-4.76	-107.11	-81.26	-30.60	44.46
14	5	583	45.52	-20.36	22.01	3.15	-31.56	-9.45	-20.59	-20.08	-9.96	2.32
14	5	584	35.47	-9.52	17.25	8.70	-22.08	47.85	-34.91	7.63	5.32	-41.36
14	5	585	36.23	2.85	26.52	12.56	-15.16	156.38	-107.79	34.25	14.33	-131.71
14	5	586	60.38	0.33	58.95	1.76	9.17	136.32	-372.76	-186.20	-50.24	-245.29
14	5	1272	258.26	1.35	1.59	258.03	7.72	-41.90	-213.60	-100.36	-155.14	81.37
14	5	1295	172.38	135.28	135.41	172.26	2.13	1577.60	1454.10	1467.06	1564.65	-37.84
14	5	1296	126.12	-27.64	-20.58	119.06	32.18	412.76	57.41	129.78	340.39	143.11
14	5	1345	166.19	-99.41	164.13	-97.35	23.32	709.84	-6108.80	-156.04	-5242.93	-2270.32
14	5	1346	-33.81	-101.38	-46.27	-88.92	-26.20	-51.76	-742.35	-77.40	-716.71	130.57
14	5	1347	-0.47	-40.49	-1.05	-39.91	-4.79	-44.49	-374.21	-50.99	-367.71	-45.83
14	5	1348	0.68	-26.10	0.61	-26.03	-1.40	6.86	-252.99	3.11	-249.24	-30.99
14	5	1349	-0.57	-22.36	-0.62	-22.31	-1.04	14.66	-205.66	9.89	-200.89	-32.06
14	5	1350	-0.83	-17.33	-0.89	-17.27	-0.99	32.22	-189.92	13.52	-171.22	-61.68
14	5	1351	-0.78	-9.49	-0.86	-9.40	-0.87	24.65	-167.53	16.54	-159.42	-38.63
14	5	1352	1.04	-0.73	-0.71	1.03	-0.17	20.80	-156.51	18.91	-154.62	-18.20
14	5	1353	14.03	-0.53	-0.52	14.01	0.39	22.49	-157.49	22.49	-157.49	0.31
14	5	1354	29.75	-0.41	-0.34	29.67	1.47	27.57	-170.09	25.92	-168.44	17.97
14	5	1355	48.66	-0.38	-0.27	48.55	2.26	36.19	-181.86	30.54	-176.22	34.63
14	5	1356	71.59	0.39	0.55	71.43	3.35	44.54	-183.29	33.37	-172.12	49.20
14	5	1357	102.96	0.89	1.00	102.86	3.28	53.12	-159.60	34.99	-141.47	59.40
14	5	1358	143.85	1.39	1.47	143.77	3.41	57.04	-100.44	26.50	-69.90	62.26
14	5	1359	198.98	0.38	0.53	198.82	5.51	101.47	-31.25	9.64	60.58	61.28
14	5	1360	253.44	2.35	2.64	253.15	8.56	166.34	-56.64	-15.87	125.57	86.19
14	5	1361	-167.78	-519.75	-514.73	-172.80	-41.72	686.15	-1933.12	-1876.03	629.06	382.49
14	5	1362	60.35	-128.38	-54.72	-13.31	-92.07	-7.63	-475.57	-382.89	-100.30	186.49
14	5	1363	14.79	-67.41	-21.21	-31.41	-40.78	-30.56	-257.95	-211.33	-77.17	91.80
14	5	1364	7.92	-33.53	-12.45	-13.15	-20.72	-18.08	-104.57	-87.80	-34.85	34.19
14	5	1365	6.16	-16.87	-8.07	-2.65	-11.19	-2.97	-25.87	-19.41	-9.42	-10.30
14	5	1366	4.78	-10.43	-7.69	2.04	-5.85	70.42	-68.19	0.18	2.05	-69.30
14	5	1367	-3.51	-14.04	-13.92	-3.63	-1.11	117.60	-171.16	-23.48	-30.09	-144.34
14	5	1368	-15.78	-104.47	-67.56	-52.69	43.72	-920.57	-2686.84	-2512.06	-1095.35	527.40
14	5	1369	82.31	62.86	82.22	62.95	-1.30	517.13	-1298.12	-105.80	-675.19	861.82
14	5	1370	89.60	2.53	80.34	11.79	26.84	996.74	516.42	521.87	991.29	50.88
14	5	1371	26.82	6.92	6.97	26.77	0.97	346.38	-584.07	217.83	-455.52	-321.07
14	5	1372	33.99	-7.31	-5.92	32.60	7.44	1891.44	-227.14	1468.16	196.15	-847.11
14	5	1373	4.06	-13.18	-7.50	-1.62	-8.10	240.40	-324.43	213.89	-297.92	-119.46
14	5	1374	3.40	-21.20	-8.70	-9.10	12.30	587.16	-481.63	345.17	-239.64	-447.30
14	5	1375	-0.99	-12.21	-2.98	-10.21	-4.29	121.40	-269.96	82.90	-231.46	-116.56
14	5	1376	2.32	-1.32	1.21	-0.20	1.68	268.45	-319.75	75.50	-126.79	-276.16
14	5	1377	0.90	-11.42	-0.69	-9.83	-4.13	45.19	-211.63	3.03	-169.47	-95.13
14	5	1378	4.89	-7.73	2.79	-5.64	-4.69	138.67	-237.94	-16.53	-82.74	-185.37
14	5	1379	4.22	-10.54	-5.95e-02	-6.26	-6.70	24.51	-193.45	-29.25	-139.70	-93.95
14	5	1380	12.92	-7.19	2.80	2.93	-10.06	65.62	-167.67	-39.21	-62.84	-116.04
14	5	1381	7.27	-8.79	-0.42	-1.11	-8.02	-27.61	-143.18	-40.34	-130.45	-36.18
14	5	1382	14.05	-11.79	1.29	0.96	-12.92	-17.01	-103.94	-60.12	-60.83	-43.46
14	5	1383	13.63	-8.25	-0.59	5.98	-10.44	-40.78	-133.69	-44.00	-130.47	16.99
14	5	1384	22.59	-11.52	2.40	8.68	-16.76	-46.09	-76.16	-57.62	-64.63	14.62
14	5	1385	21.38	-7.65	-0.71	14.44	-12.38	-8.16	-174.46	-43.71	-138.91	68.18
14	5	1386	24.94	-15.95	1.82	7.16	-20.27	-8.52	-145.28	-74.55	-79.25	68.34
14	5	1387	32.74	-7.73	-0.82	25.84	-15.22	34.55	-229.78	-40.94	-154.30	119.39
14	5	1388	38.14	-16.69	3.37	18.08	-26.41	36.33	-208.34	-78.16	-93.84	122.08
14	5	1389	46.83	-7.52	-0.57	39.88	-18.15	82.98	-282.66	-30.47	-169.21	169.14
14	5	1390	45.56	-21.80	6.44	17.32	-33.24	78.07	-281.42	-90.21	-113.14	179.38
14	5	1391	66.70	-7.71	-0.11	59.10	-22.53	132.81	-323.08	-16.44	-173.82	213.93
14	5	1392	72.14	-28.22	3.95	39.97	-46.84	132.58	-342.17	-82.76	-126.84	236.35
14	5	1393	91.86	-6.78	1.87	83.21	-27.90	188.40	-331.20	15.41	-158.20	244.87
14	5	1394	87.12	-28.39	16.58	42.15	-56.32	198.63	-395.03	-65.69	-130.71	295.04
14	5	1395	128.87	-9.45	1.61	117.81	-37.52	251.14	-275.31	72.05	-96.22	249.41
14	5	1396	137.85	-35.04	11.70	91.10	-76.79	324.71	-387.17	36.37	-98.83	349.46
14	5	1397	161.36	-18.38	-8.54	151.52	-40.89	321.30	-133.03	165.01	23.26	215.83
14	5	1398	152.10	-83.34	-25.60	94.36	-101.29	514.39	-336.45	197.01	-19.06	411.47
14	5	1399	199.67	-23.21	-21.06	197.52	-21.79	450.95	56.26	243.05	264.17	197.06
14	5	1400	234.52	-96.21	-73.62	211.93	-83.44	1380.92	-169.77	975.84	235.31	681.22
14	7	22	473.09	-210.48	457.99	-195.38	100.46	6720.70	-796.89	5379.89	543.92	2877.83
14	7	40	247.98	-162.67	230.05	-144.75	-83.91	1.723e+04	717.99	1.311e+04	4832.78	-7142.13
14	7	580	477.23	49.69	338.24	188.69	-200.26	370.51	-625.50	-352.01	97.02	444.53
14	7	581	129.02	-11.70	48.35	68.97	-69.60	86.99	-533.07	-367.35	-78.74	274.40
14	7	582	91.04	5.13	37.99	58.18	-41.75	56.81	-307.63	-197.41	-53.41	167.40
14	7	583	67.04	4.73	25.98	45.78	-29.54	17.46	-171.42	-117.79	-36.17	85.17
14	7	584	50.31	2.61	21.77	31.15	-23.39	-30.13	-102.53	-101.64	-31.01	7.96
14	7	585	34.34	3.58	26.40	11.52	-13.46	15.21	-159.74	-105.58	-38.95	-80.88
14	7	586	61.44	-33.62	57.74	-29.92	18.40	136.81	-618.48	-331.04	-150.63	-366.71
14	7	1272	176.08	2.40	4.44	174.03	18.74	234.46	-275.93	-76.11	34.64	249.12
14	7	1295	215.98	152.99	185.89	183.08	31.46	1774.91	1495.96	1642.43	1628.44	139.30
14	7	1296	112.30	-21.64	-0.82	91.48	48.54	672.96	-40.42	146.29	486.25	313.58

14	7	1345	148.71	-85.47	147.82	-84.58	14.47	684.93	-5406.83	-40.84	-4681.06	-1973.44
14	7	1346	-19.93	-95.98	-41.48	-74.43	-34.27	39.93	-476.11	-54.43	-381.75	199.48
14	7	1347	-1.69	-25.57	-6.17	-21.10	-9.32	12.67	-369.26	8.30	-364.89	-40.63
14	7	1348	5.65	-2.56	-1.56	4.65	-2.69	7.72	-365.56	-8.41	-349.43	-75.89
14	7	1349	14.93	0.17	0.18	14.93	0.22	4.30	-342.02	-15.39	-322.33	-80.20
14	7	1350	20.01	0.46	0.52	19.95	1.10	-12.85	-296.79	-14.38	-295.26	-20.78
14	7	1351	25.57	0.43	0.56	25.44	1.78	-9.87	-276.62	-9.92	-276.57	3.60
14	7	1352	33.60	0.25	0.36	33.48	1.93	1.80	-270.33	-3.53	-265.00	37.70
14	7	1353	44.47	-2.30e-02	0.17	44.28	2.95	22.89	-284.32	2.45	-263.88	76.57
14	7	1354	58.52	-0.19	4.94e-02	58.28	3.74	51.60	-316.61	8.98	-273.99	117.80
14	7	1355	75.54	-0.44	-1.92e-02	75.12	5.63	83.91	-353.72	14.59	-284.41	159.78
14	7	1356	94.66	-1.46	-0.83	94.03	7.75	120.72	-381.87	21.06	-282.21	200.39
14	7	1357	110.74	-2.85	-1.62	109.51	11.75	161.34	-381.77	26.11	-246.54	234.86
14	7	1358	126.82	-3.22	-1.55	125.15	14.66	213.51	-331.19	32.66	-150.34	256.52
14	7	1359	154.04	-2.25	-0.35	152.14	17.16	302.50	-235.07	27.38	40.05	268.71
14	7	1360	182.39	6.22	7.13	181.48	12.64	427.54	-180.95	15.32	231.27	284.44
14	7	1361	-87.80	-452.70	-452.53	-87.98	7.89	846.63	-2216.11	-2018.43	648.94	752.58
14	7	1362	65.89	-82.60	-56.92	40.21	-56.15	100.90	-792.06	-560.88	-130.28	391.14
14	7	1363	60.97	-39.72	-20.72	41.97	-39.40	41.29	-476.26	-335.02	-99.94	230.54
14	7	1364	53.30	-25.30	-12.45	40.45	-29.06	22.73	-276.29	-194.11	-59.45	133.49
14	7	1365	41.70	-19.48	-8.95	31.18	-23.09	-16.60	-156.69	-131.11	-42.18	54.12
14	7	1366	22.85	-19.61	-10.05	13.29	-17.73	-36.91	-143.32	-136.34	-43.89	-26.35
14	7	1367	-10.79	-26.48	-22.31	-14.96	-6.94	92.46	-374.86	-192.06	-90.35	-228.06
14	7	1368	-49.44	-136.78	-85.24	-100.98	42.96	-1115.46	-2813.15	-2812.45	-1116.16	34.47
14	7	1369	184.71	125.95	180.91	129.76	-14.45	1212.08	-1107.70	785.28	-680.91	898.85
14	7	1370	100.70	11.96	99.55	13.12	10.06	1035.25	371.90	472.79	934.36	238.22
14	7	1371	39.22	1.71	4.25	36.68	-9.42	417.47	-521.87	355.46	-459.86	-233.23
14	7	1372	79.02	-10.42	-9.91	78.52	6.73	1858.70	-364.54	1449.35	44.80	-861.69
14	7	1373	28.03	-19.00	-13.99	23.02	-14.51	240.53	-424.57	218.98	-403.02	-117.76
14	7	1374	31.41	-12.51	-6.77	25.67	14.80	605.92	-720.08	248.96	-363.12	-588.14
14	7	1375	18.15	-7.50	-5.95	16.60	-6.11	118.11	-420.02	44.81	-346.72	-184.59
14	7	1376	17.76	-3.06	-2.65	17.35	-2.90	233.66	-521.60	-46.39	-241.56	-364.80
14	7	1377	17.70	-2.19	-1.12	16.62	-4.50	23.47	-359.25	-51.21	-284.57	-151.67
14	7	1378	14.43	2.26e-02	3.47	10.98	-6.15	47.87	-338.51	-127.98	-162.66	-192.41
14	7	1379	22.44	-0.44	0.49	21.51	-4.53	-68.72	-255.86	-82.40	-242.17	-48.72
14	7	1380	30.58	-5.41	2.62	22.55	-14.99	-69.64	-212.72	-148.24	-134.12	-71.19
14	7	1381	30.17	-0.93	0.70	28.54	-6.93	-88.93	-225.18	-89.93	-224.18	11.61
14	7	1382	30.70	-1.25	4.47	24.98	-12.25	-119.89	-153.91	-152.48	-121.33	6.84
14	7	1383	39.10	-1.36	0.50	37.25	-8.46	-49.27	-255.96	-88.36	-216.87	80.94
14	7	1384	47.93	-7.41	2.47	38.05	-21.20	-49.90	-217.30	-147.91	-119.29	82.47
14	7	1385	49.59	-2.21	5.83e-02	47.32	-10.60	16.05	-322.05	-85.02	-220.97	154.78
14	7	1386	48.33	-4.26	3.53	40.54	-18.68	16.23	-300.64	-155.98	-128.42	157.83
14	7	1387	61.62	-2.58	-0.14	59.19	-12.25	86.18	-402.19	-80.64	-235.37	231.61
14	7	1388	67.57	-9.15	2.56	55.87	-27.59	83.57	-388.76	-163.75	-141.43	235.90
14	7	1389	75.23	-4.00	-1.37	72.60	-14.19	161.05	-484.17	-70.45	-252.66	309.48
14	7	1390	65.60	-9.62	1.04	54.94	-26.24	147.74	-490.80	-181.63	-161.43	319.11
14	7	1391	91.14	-5.12	-2.88	88.91	-14.49	235.72	-557.40	-59.72	-261.97	383.45
14	7	1392	94.17	-15.47	-0.32	79.02	-37.83	225.60	-588.87	-183.19	-180.07	407.23
14	7	1393	108.02	-6.81	-5.15	106.35	-13.73	322.55	-589.67	-21.19	-245.92	442.05
14	7	1394	86.07	-17.43	-9.03	77.67	-28.27	301.88	-692.09	-196.43	-193.78	496.98
14	7	1395	125.36	-4.79	-3.19	123.77	-14.31	413.93	-546.80	37.86	-170.73	468.91
14	7	1396	138.89	-7.63	6.71	124.55	-43.54	457.22	-706.41	-91.24	-157.96	580.86
14	7	1397	142.58	-5.41	-3.39	140.56	-17.17	529.62	-380.81	155.09	-6.29	448.01
14	7	1398	125.43	-48.53	-28.99	105.89	-54.93	683.60	-671.74	62.44	-50.57	675.31
14	7	1399	178.72	0.99	1.43	178.28	-8.82	725.97	-107.19	272.02	346.76	414.90
14	7	1400	239.63	-40.28	-28.90	228.25	-55.27	1562.44	-400.41	912.82	249.20	923.63
14	37	22	400.63	-286.94	394.38	-280.69	65.25	6247.26	-660.73	5105.50	481.02	2565.86
14	37	40	158.46	-123.13	144.88	-109.55	-60.32	1.525e+04	727.57	1.161e+04	4361.92	-6289.43
14	37	580	508.88	-29.82	341.84	137.23	-249.17	261.13	-332.13	-190.14	119.14	253.13
14	37	581	156.26	-47.13	79.57	29.56	-98.57	32.45	-310.68	-223.71	-54.52	149.26
14	37	582	79.13	-23.09	44.12	11.92	-48.51	11.28	-164.21	-114.48	-38.45	79.09
14	37	583	48.91	-13.36	23.09	12.46	-30.68	-3.00	-63.63	-48.63	-18.00	26.16
14	37	584	38.11	-6.17	18.45	13.50	-22.00	16.15	-37.85	-17.49	-4.21	-26.17
14	37	585	35.44	3.42	26.57	12.29	-14.33	116.62	-113.08	2.01	1.53	-114.85
14	37	586	60.95	-7.13	59.04	-5.21	11.26	129.87	-431.96	-228.90	-73.18	-269.91
14	37	1272	237.67	1.78	2.24	237.22	10.36	27.42	-217.88	-93.26	-97.21	122.63
14	37	1295	176.59	144.78	147.53	173.84	8.94	1589.48	1510.28	1510.58	1589.17	4.88
14	37	1296	120.51	-25.38	-15.86	110.99	36.04	484.11	37.13	135.08	386.16	184.89
14	37	1345	160.23	-94.57	158.43	-92.78	21.29	694.54	-5895.30	-129.71	-5071.05	-2179.98
14	37	1346	-30.05	-98.62	-44.84	-83.83	-28.21	-37.28	-650.08	-73.98	-613.38	145.40
14	37	1347	-1.12	-35.75	-2.09	-34.79	-5.70	-32.98	-367.70	-38.18	-362.50	-41.39
14	37	1348	0.32	-19.00	0.19	-18.87	-1.58	4.87	-276.68	-0.83	-270.98	-39.66
14	37	1349	-0.35	-13.75	-0.38	-13.72	-0.69	11.45	-235.57	4.31	-228.43	-41.38
14	37	1350	-0.49	-8.84	-0.52	-8.82	-0.44	17.87	-210.57	7.32	-200.02	-47.95
14	37	1351	-0.48	-1.68	-0.52	-1.64	-0.19	13.72	-190.07	10.61	-186.95	-24.99
14	37	1352	8.10	-0.45	-0.43	8.08	0.42	13.89	-183.36	13.88	-183.35	-1.28
14	37	1353	20.44	-0.39	-0.34	20.38	1.06	20.40	-190.36	17.98	-187.94	22.45

14	37	1354	35.57	-0.36	-0.24	35.45	2.07	31.43	-208.04	22.11	-198.72	46.31
14	37	1355	53.80	-0.38	-0.20	53.63	3.07	46.13	-226.55	26.94	-207.35	69.75
14	37	1356	75.61	-4.06e-03	0.25	75.36	4.37	62.01	-235.37	30.63	-204.00	91.35
14	37	1357	102.89	0.14	0.41	102.62	5.25	79.57	-218.71	33.14	-172.28	108.13
14	37	1358	137.47	0.52	0.78	137.21	6.02	99.41	-161.63	28.65	-90.87	116.03
14	37	1359	185.71	-6.61e-02	0.29	185.35	8.18	154.86	-80.21	15.08	59.57	115.41
14	37	1360	233.74	3.27	3.66	233.35	9.49	235.35	-82.32	-6.95	159.97	135.14
14	37	1361	-151.05	-502.72	-500.14	-153.63	-30.00	717.62	-2003.37	-1918.11	632.37	474.03
14	37	1362	59.49	-116.10	-55.10	-1.50	-83.60	18.89	-564.08	-433.30	-111.88	243.18
14	37	1363	22.04	-58.14	-20.99	-15.11	-39.98	-12.39	-319.92	-246.76	-85.56	130.95
14	37	1364	16.07	-29.81	-12.38	-1.36	-22.27	-7.59	-153.76	-118.50	-42.86	62.54
14	37	1365	13.24	-16.76	-8.20	4.68	-13.55	-16.81	-54.12	-51.94	-18.99	8.76
14	37	1366	8.53	-12.20	-8.15	4.49	-8.21	35.64	-77.07	-31.49	-9.94	-55.31
14	37	1367	-5.77	-16.14	-15.73	-6.18	-2.02	105.51	-217.60	-67.68	-44.41	-161.13
14	37	1368	-23.65	-111.31	-71.57	-63.39	43.63	-990.03	-2691.43	-2579.58	-1101.88	421.65
14	37	1369	104.89	77.50	104.12	78.28	-4.53	658.50	-1247.21	86.79	-675.50	873.31
14	37	1370	89.91	4.79	83.10	11.60	23.10	997.63	483.68	505.70	975.62	104.06
14	37	1371	29.03	6.24	6.32	28.95	-1.37	354.15	-562.67	245.56	-454.08	-296.25
14	37	1372	44.19	-8.06	-7.01	43.14	7.31	1880.88	-254.63	1462.98	163.27	-847.22
14	37	1373	9.03	-13.85	-8.90	4.09	-9.42	237.01	-343.49	212.64	-319.12	-116.43
14	37	1374	8.78	-18.19	-8.23	-1.17	13.01	582.53	-533.61	315.97	-267.04	-475.89
14	37	1375	0.77	-8.34	-3.59	-3.99	-4.55	116.48	-302.00	71.20	-256.72	-130.00
14	37	1376	3.97	0.20	0.42	3.75	0.88	256.42	-363.86	45.21	-152.64	-293.94
14	37	1377	2.11	-6.58	-0.70	-3.76	-4.07	38.76	-243.75	-9.23	-195.75	-106.09
14	37	1378	5.93	-4.82	3.06	-1.95	-4.76	113.07	-257.79	-43.36	-101.36	-183.15
14	37	1379	6.10	-5.95	0.14	1.43e-02	-6.03	-2.72	-202.18	-41.32	-163.58	-78.80
14	37	1380	16.13	-6.07	2.86	7.21	-10.88	29.36	-173.43	-64.37	-79.70	-101.11
14	37	1381	10.80	-5.43	-0.12	5.49	-7.62	-47.51	-156.68	-51.66	-152.54	-20.87
14	37	1382	16.71	-8.44	2.14	6.14	-12.41	-51.24	-106.68	-81.35	-76.57	-27.62
14	37	1383	18.07	-5.54	-0.30	12.83	-9.81	-42.30	-164.84	-54.17	-152.98	36.23
14	37	1384	27.29	-9.81	2.51	14.97	-17.47	-46.31	-116.01	-81.97	-80.35	34.84
14	37	1385	26.65	-5.60	-0.49	21.54	-11.78	0.22	-215.96	-53.24	-162.51	93.27
14	37	1386	28.76	-12.14	2.35	14.27	-19.56	-0.88	-189.27	-96.52	-93.64	94.19
14	37	1387	38.22	-5.91	-0.61	32.91	-14.35	50.18	-278.12	-50.19	-177.76	151.25
14	37	1388	43.41	-14.05	3.26	26.10	-26.36	49.79	-259.13	-101.24	-108.09	154.42
14	37	1389	52.18	-6.22	-0.71	46.67	-17.07	104.42	-339.49	-41.54	-193.53	208.54
14	37	1390	48.05	-17.54	5.30	25.20	-31.25	96.66	-340.88	-116.35	-127.88	218.70
14	37	1391	70.99	-6.58	-0.67	65.08	-20.58	161.96	-388.34	-26.72	-199.65	261.21
14	37	1392	75.29	-24.14	3.07	48.08	-44.33	158.03	-411.08	-109.83	-143.22	284.06
14	37	1393	93.94	-6.06	0.37	87.52	-24.52	224.76	-403.85	5.22	-184.31	299.68
14	37	1394	83.42	-23.03	10.99	49.40	-49.64	227.66	-476.58	-98.91	-150.01	351.19
14	37	1395	125.99	-7.59	0.60	117.80	-32.05	295.93	-351.09	64.13	-119.29	310.24
14	37	1396	135.75	-27.29	10.66	97.80	-68.90	359.84	-476.24	1.77	-118.17	413.71
14	37	1397	155.03	-15.01	-7.32	147.34	-35.33	375.86	-196.43	163.40	16.03	276.49
14	37	1398	143.75	-74.31	-26.31	95.75	-90.35	553.91	-425.74	160.18	-32.01	480.31
14	37	1399	193.19	-17.38	-15.68	191.50	-18.82	523.51	20.43	251.87	292.07	250.74
14	37	1400	234.52	-82.91	-63.05	214.67	-76.87	1422.12	-223.93	957.74	240.45	740.77
14	39	22	445.67	-239.16	434.36	-227.84	87.29	6547.34	-743.53	5279.35	524.46	2763.50
14	39	40	213.60	-147.39	197.30	-131.09	-74.96	1.646e+04	722.41	1.253e+04	4648.07	-6808.21
14	39	580	489.02	19.59	339.75	168.87	-218.61	328.05	-524.54	-297.63	101.14	376.79
14	39	581	137.46	-23.39	60.51	53.55	-80.35	68.88	-454.93	-314.35	-71.71	232.11
14	39	582	84.33	-3.71	40.39	40.23	-44.02	40.89	-259.91	-169.77	-49.25	137.80
14	39	583	58.89	-1.10	24.98	32.81	-29.73	10.46	-135.99	-95.06	-30.47	65.72
14	39	584	45.09	-0.31	20.60	24.19	-22.63	-21.39	-69.59	-69.44	-21.53	-2.66
14	39	585	34.56	3.75	26.51	11.80	-13.54	48.70	-137.14	-64.54	-23.90	-90.67
14	39	586	61.45	-23.33	58.45	-20.33	15.66	130.10	-548.82	-297.64	-121.07	-327.78
14	39	1272	198.37	2.35	3.60	197.12	15.62	161.99	-250.40	-81.70	-6.71	202.75
14	39	1295	198.53	152.05	171.64	178.93	22.95	1697.30	1516.57	1594.46	1619.41	89.50
14	39	1296	113.84	-22.41	-6.41	97.85	43.86	608.14	-9.57	142.87	455.70	266.32
14	39	1345	151.90	-87.92	150.68	-86.70	17.06	682.60	-5559.87	-74.86	-4802.41	-2038.30
14	39	1346	-23.37	-96.11	-42.55	-76.93	-32.05	5.83	-522.24	-63.01	-453.39	177.81
14	39	1347	-1.94	-28.39	-4.53	-25.80	-7.86	-5.71	-365.44	-9.97	-361.17	-38.95
14	39	1348	0.24	-5.29	-0.84	-4.21	-2.19	5.31	-330.06	-6.09	-318.66	-60.77
14	39	1349	4.08	-2.06e-03	-3.43e-04	4.08	-8.36e-02	6.37	-300.38	-7.69	-286.32	-64.15
14	39	1350	9.00	0.12	0.16	8.96	0.56	-2.77	-262.37	-5.96	-259.19	-28.58
14	39	1351	15.08	8.79e-02	0.16	15.00	1.07	-1.90	-242.95	-2.00	-242.85	-4.91
14	39	1352	23.66	-6.16e-03	7.95e-02	23.58	1.42	5.86	-238.69	3.19	-236.02	25.39
14	39	1353	34.98	-0.16	-6.16e-03	34.83	2.29	21.73	-252.00	8.43	-238.70	58.86
14	39	1354	49.30	-0.25	-5.27e-02	49.10	3.15	44.17	-279.20	14.04	-249.07	94.00
14	39	1355	66.61	-0.41	-8.34e-02	66.28	4.67	70.30	-309.90	19.34	-258.94	129.53
14	39	1356	86.57	-0.89	-0.41	86.09	6.47	99.86	-331.55	24.78	-256.47	163.56
14	39	1357	106.65	-1.64	-0.84	105.85	9.29	132.69	-326.10	28.93	-222.34	191.93
14	39	1358	129.43	-1.66	-0.67	128.43	11.39	174.94	-272.52	31.55	-129.13	208.81
14	39	1359	164.24	-1.27	-0.13	163.09	13.74	251.47	-178.28	23.53	49.66	214.48
14	39	1360	199.81	5.13	5.80	199.14	11.44	360.14	-142.04	7.93	210.16	229.83
14	39	1361	-113.01	-470.53	-470.42	-113.12	-6.30	794.01	-2138.28	-1985.92	641.65	650.81
14	39	1362	61.56	-93.66	-56.15	24.05	-66.45	71.27	-715.36	-518.18	-125.92	340.92

14	39	1363	43.86	-44.68	-20.76	19.93	-39.32	22.28	-424.25	-305.66	-96.31	197.21
14	39	1364	37.92	-26.07	-12.38	24.23	-26.24	12.17	-235.78	-169.07	-54.54	109.96
14	39	1365	30.30	-18.11	-8.62	20.80	-19.22	-16.90	-122.77	-105.07	-34.60	39.50
14	39	1366	17.16	-16.57	-9.28	9.87	-13.88	-16.63	-111.71	-96.47	-31.86	-34.87
14	39	1367	-9.36	-21.96	-19.73	-11.59	-4.81	93.92	-315.00	-147.91	-73.16	-201.01
14	39	1368	-39.83	-126.60	-80.00	-86.42	43.27	-1090.52	-2743.93	-2722.60	-1111.84	186.56
14	39	1369	153.88	107.49	151.20	110.16	-10.81	988.35	-1154.54	512.04	-678.24	890.96
14	39	1370	95.02	9.49	92.27	12.24	15.09	1018.19	412.99	482.79	948.38	193.33
14	39	1371	35.02	3.68	5.02	33.68	-6.33	387.94	-533.02	311.11	-456.19	-254.66
14	39	1372	65.71	-9.56	-8.91	65.06	6.97	1865.25	-320.10	1454.04	91.10	-854.13
14	39	1373	20.63	-16.77	-12.00	15.86	-12.47	237.42	-391.21	215.37	-369.16	-115.65
14	39	1374	22.25	-14.14	-7.32	15.43	14.20	591.74	-647.16	270.51	-325.93	-542.94
14	39	1375	10.69	-6.87	-5.00	8.82	-5.42	114.93	-373.35	53.23	-311.65	-162.24
14	39	1376	12.26	-1.55	-1.42	12.13	-1.31	239.85	-459.98	-12.74	-207.38	-336.11
14	39	1377	10.45	-2.50	-0.91	8.87	-4.24	28.29	-313.97	-35.03	-250.64	-132.90
14	39	1378	10.29	-0.92	3.38	5.98	-5.45	69.80	-305.69	-96.40	-139.49	-186.51
14	39	1379	14.99	-1.31	0.40	13.28	-4.99	-46.78	-232.33	-66.63	-212.48	-57.35
14	39	1380	24.60	-5.26	2.77	16.57	-13.24	-35.19	-194.82	-116.28	-113.72	-79.80
14	39	1381	21.98	-1.92	0.41	19.65	-7.09	-75.25	-197.30	-75.28	-197.27	1.87
14	39	1382	24.60	-3.34	3.65	17.60	-12.10	-104.79	-125.96	-125.30	-105.44	-3.66
14	39	1383	30.37	-2.39	0.22	27.76	-8.87	-45.37	-224.14	-75.30	-194.21	66.74
14	39	1384	39.40	-7.87	2.55	28.99	-19.59	-47.84	-183.54	-124.95	-106.43	67.21
14	39	1385	40.20	-3.09	-0.12	37.24	-10.93	11.92	-286.51	-72.93	-201.66	134.62
14	39	1386	39.85	-6.49	3.16	30.20	-18.82	11.04	-263.40	-135.26	-117.10	136.92
14	39	1387	52.03	-3.49	-0.29	48.83	-12.93	74.92	-360.45	-69.10	-216.43	204.85
14	39	1388	57.42	-10.41	2.88	44.13	-26.92	72.47	-345.24	-141.99	-130.78	208.78
14	39	1389	65.73	-4.54	-1.09	62.28	-15.18	141.83	-435.74	-60.59	-233.33	275.57
14	39	1390	57.40	-11.52	2.73	43.15	-27.91	130.09	-440.86	-159.88	-150.89	285.44
14	39	1391	82.60	-5.30	-1.99	79.29	-16.74	211.20	-500.21	-47.34	-241.66	342.18
14	39	1392	85.65	-17.91	1.03	66.71	-40.03	202.59	-528.86	-157.69	-168.58	365.68
14	39	1393	101.54	-6.00	-2.98	98.53	-17.75	288.95	-527.28	-12.23	-226.09	393.85
14	39	1394	82.10	-16.99	-1.24	66.35	-36.24	277.08	-618.39	-161.27	-180.04	447.64
14	39	1395	124.17	-5.18	-1.69	120.68	-20.97	373.79	-480.69	47.82	-154.72	415.07
14	39	1396	135.80	-13.76	8.28	113.75	-53.02	423.38	-628.68	-59.08	-146.22	524.22
14	39	1397	146.02	-8.68	-4.86	142.20	-24.01	475.58	-314.86	158.69	2.03	387.38
14	39	1398	130.59	-57.27	-27.92	101.25	-68.21	635.05	-585.97	96.02	-46.94	606.31
14	39	1399	183.21	-5.78	-4.94	182.36	-12.62	654.75	-57.84	265.65	331.26	354.78
14	39	1400	236.85	-56.13	-41.69	222.41	-63.42	1509.02	-334.39	927.69	246.94	856.55
14	69	22	402.34	-285.15	395.92	-278.73	66.10	6259.19	-663.64	5112.39	483.15	2573.70
14	69	40	160.47	-124.00	146.79	-110.32	-60.87	1.529e+04	727.48	1.164e+04	4371.83	-6307.47
14	69	580	508.12	-27.98	341.78	138.37	-248.01	263.47	-340.53	-194.98	117.92	258.32
14	69	581	155.47	-46.17	78.90	30.40	-97.86	34.10	-316.79	-227.27	-55.43	152.96
14	69	582	79.20	-22.29	43.98	12.93	-48.31	12.53	-168.58	-117.00	-39.04	81.73
14	69	583	49.19	-12.84	23.17	13.18	-30.61	-2.42	-66.98	-50.79	-18.61	27.98
14	69	584	38.32	-5.92	18.54	13.87	-21.99	13.87	-38.21	-19.40	-4.94	-25.02
14	69	585	35.38	3.46	26.58	12.27	-14.27	113.61	-113.52	-0.46	0.54	-113.56
14	69	586	61.00	-7.71	59.04	-5.75	11.42	129.39	-436.47	-232.13	-74.95	-271.80
14	69	1272	236.09	1.81	2.29	235.62	10.56	33.05	-218.57	-92.72	-92.81	125.81
14	69	1295	177.09	145.33	148.46	173.96	9.47	1591.86	1513.08	1513.94	1591.00	8.18
14	69	1296	120.11	-25.23	-15.49	110.37	36.34	489.56	35.54	135.47	389.63	188.11
14	69	1345	159.77	-94.21	158.00	-92.44	21.14	693.39	-5878.94	-127.69	-5057.86	-2173.07
14	69	1346	-29.75	-98.43	-44.73	-83.45	-28.36	-36.01	-643.16	-73.71	-605.46	146.52
14	69	1347	-1.17	-35.39	-2.17	-34.39	-5.77	-32.09	-367.22	-37.20	-362.11	-41.07
14	69	1348	0.29	-18.45	0.16	-18.31	-1.59	4.75	-278.50	-1.11	-272.64	-40.31
14	69	1349	-0.33	-13.09	-0.36	-13.05	-0.66	11.21	-237.87	3.88	-230.54	-42.08
14	69	1350	-0.47	-8.18	-0.49	-8.16	-0.40	16.89	-212.28	6.85	-202.23	-46.91
14	69	1351	-0.45	-1.08	-0.49	-1.04	-0.14	13.00	-191.91	10.16	-189.07	-23.96
14	69	1352	8.65	-0.43	-0.41	8.63	0.46	13.50	-185.56	13.50	-185.56	1.53e-02
14	69	1353	20.93	-0.38	-0.32	20.88	1.11	20.40	-193.04	17.64	-190.27	24.14
14	69	1354	36.02	-0.35	-0.23	35.90	2.11	31.91	-211.13	21.82	-201.04	48.48
14	69	1355	54.20	-0.38	-0.20	54.02	3.13	47.09	-230.16	26.66	-209.73	72.44
14	69	1356	75.92	-3.54e-02	0.23	75.66	4.45	63.56	-239.56	30.42	-206.42	94.58
14	69	1357	102.90	8.18e-02	0.37	102.62	5.40	81.80	-223.42	33.00	-174.62	111.86
14	69	1358	137.00	0.44	0.73	136.72	6.22	102.76	-166.42	28.81	-92.47	120.15
14	69	1359	184.70	-0.10	0.28	184.32	8.38	159.05	-84.09	15.49	59.47	119.57
14	69	1360	232.23	3.34	3.74	231.83	9.56	240.69	-84.40	-6.26	162.55	138.91
14	69	1361	-149.72	-501.44	-499.01	-152.15	-29.10	720.23	-2008.92	-1921.30	632.62	481.07
14	69	1362	59.46	-115.18	-55.13	-0.59	-82.95	20.99	-570.88	-437.15	-112.74	247.52
14	69	1363	22.67	-57.49	-20.97	-13.85	-39.92	-10.96	-324.67	-249.45	-86.18	133.94
14	69	1364	16.76	-29.58	-12.37	-0.45	-22.39	-6.76	-157.53	-120.83	-43.46	64.70
14	69	1365	13.81	-16.77	-8.21	5.24	-13.74	-16.93	-57.19	-54.41	-19.72	10.21
14	69	1366	8.83	-12.33	-8.19	4.68	-8.40	33.08	-77.85	-33.91	-10.86	-54.25
14	69	1367	-5.94	-16.31	-15.87	-6.38	-2.09	104.64	-221.20	-71.05	-45.51	-162.42
14	69	1368	-24.25	-111.84	-71.88	-64.21	43.63	-994.82	-2692.31	-2584.75	-1102.38	413.53
14	69	1369	106.65	78.62	105.81	79.45	-4.78	669.69	-1243.62	101.60	-675.52	874.19
14	69	1370	89.95	4.95	83.32	11.59	22.81	998.10	480.82	504.50	974.41	108.12
14	69	1371	29.22	6.16	6.27	29.11	-1.55	354.82	-561.11	247.68	-453.98	-294.37

14	69	1372	44.98	-8.12	-7.10	43.96	7.30	1880.07	-256.74	1462.59	160.75	-847.22
14	69	1373	9.44	-13.92	-9.01	4.53	-9.52	236.79	-344.96	212.57	-320.74	-116.20
14	69	1374	9.23	-17.99	-8.20	-0.56	13.07	582.23	-537.60	313.77	-269.14	-478.07
14	69	1375	1.00	-8.14	-3.63	-3.51	-4.57	116.12	-304.46	70.32	-258.66	-131.02
14	69	1376	4.23	0.19	0.36	4.06	0.81	255.51	-367.24	42.90	-154.63	-295.30
14	69	1377	2.26	-6.27	-0.71	-3.30	-4.06	38.27	-246.21	-10.17	-197.76	-106.93
14	69	1378	6.03	-4.61	3.08	-1.66	-4.76	111.12	-259.32	-45.41	-102.79	-182.98
14	69	1379	6.30	-5.65	0.15	0.50	-5.98	-4.72	-202.94	-42.24	-165.42	-77.65
14	69	1380	16.39	-6.00	2.86	7.54	-10.95	26.60	-173.89	-66.30	-81.00	-99.97
14	69	1381	11.13	-5.23	-9.71e-02	6.00	-7.59	-48.84	-157.92	-52.53	-154.24	-19.70
14	69	1382	16.93	-8.20	2.20	6.54	-12.38	-53.84	-106.92	-82.98	-77.78	-26.41
14	69	1383	18.45	-5.37	-0.28	13.36	-9.76	-42.30	-167.35	-54.94	-154.71	37.70
14	69	1384	27.67	-9.70	2.52	15.45	-17.53	-46.29	-119.09	-83.83	-81.55	36.38
14	69	1385	27.08	-5.47	-0.47	22.09	-11.73	0.88	-219.16	-53.97	-164.31	95.19
14	69	1386	29.08	-11.87	2.39	14.82	-19.51	-0.29	-192.64	-98.19	-94.74	96.16
14	69	1387	38.66	-5.79	-0.59	33.46	-14.28	51.39	-281.83	-50.89	-179.55	153.69
14	69	1388	43.84	-13.86	3.25	26.72	-26.36	50.84	-263.02	-103.00	-109.18	156.90
14	69	1389	52.61	-6.13	-0.72	47.19	-16.99	106.08	-343.84	-42.38	-195.39	211.55
14	69	1390	48.27	-17.25	5.22	25.81	-31.10	98.11	-345.44	-118.34	-128.99	221.71
14	69	1391	71.33	-6.50	-0.71	65.54	-20.43	164.21	-393.33	-27.51	-201.61	264.83
14	69	1392	75.56	-23.85	3.00	48.71	-44.14	159.99	-416.36	-111.90	-144.47	287.72
14	69	1393	94.12	-6.02	0.25	87.85	-24.26	227.56	-409.42	4.44	-186.29	303.88
14	69	1394	83.19	-22.67	10.56	49.97	-49.12	229.90	-482.84	-101.46	-151.47	355.49
14	69	1395	125.79	-7.46	0.53	117.81	-31.63	299.38	-356.90	63.52	-121.03	314.90
14	69	1396	135.62	-26.72	10.58	98.32	-68.30	362.57	-483.07	-0.88	-119.62	418.63
14	69	1397	154.56	-14.76	-7.22	147.03	-34.91	380.08	-201.32	163.27	15.48	281.15
14	69	1398	143.13	-73.63	-26.36	95.86	-89.51	557.02	-432.63	157.37	-32.97	485.59
14	69	1399	192.70	-16.93	-15.27	191.04	-18.59	529.07	17.63	252.54	294.16	254.87
14	69	1400	234.53	-81.88	-62.24	214.88	-76.36	1425.36	-228.18	956.36	240.82	745.35
14	71	22	443.60	-241.37	432.55	-230.32	86.29	6534.08	-739.49	5271.65	522.94	2754.75
14	71	40	210.98	-146.23	194.80	-130.05	-74.28	1.640e+04	722.75	1.249e+04	4633.95	-6782.69
14	71	580	489.93	17.29	339.86	167.35	-220.02	324.79	-516.79	-293.44	101.45	371.59
14	71	581	138.21	-24.39	61.44	52.38	-81.17	67.48	-448.94	-310.30	-71.17	228.86
14	71	582	83.92	-4.49	40.57	38.86	-44.20	39.66	-256.24	-167.65	-48.93	135.52
14	71	583	58.31	-1.59	24.91	31.82	-29.75	9.92	-133.27	-93.33	-30.03	64.22
14	71	584	44.71	-0.54	20.51	23.66	-22.57	-20.55	-67.26	-67.00	-20.81	-3.47
14	71	585	34.58	3.76	26.52	11.82	-13.54	51.36	-135.52	-61.41	-22.75	-91.42
14	71	586	61.45	-22.54	58.51	-19.60	15.45	129.60	-543.51	-295.09	-118.82	-324.80
14	71	1272	200.09	2.34	3.54	198.88	15.38	156.43	-248.47	-82.13	-9.92	199.20
14	71	1295	197.25	151.92	170.55	178.63	22.30	1691.55	1517.92	1590.78	1618.69	85.69
14	71	1296	114.00	-22.50	-6.84	98.34	43.50	603.17	-7.23	142.61	453.33	262.70
14	71	1345	152.15	-88.12	150.90	-86.87	17.26	682.45	-5571.68	-77.45	-4811.78	-2043.30
14	71	1346	-23.63	-96.13	-42.63	-77.13	-31.88	3.47	-526.06	-63.67	-458.92	176.20
14	71	1347	-1.93	-28.64	-4.40	-26.16	-7.74	-7.10	-365.16	-11.36	-360.90	-38.83
14	71	1348	0.14	-5.81	-0.79	-4.89	-2.16	5.14	-327.38	-5.93	-316.31	-59.64
14	71	1349	3.25	-1.74e-02	-1.39e-02	3.24	-0.11	6.54	-297.23	-7.11	-283.57	-62.94
14	71	1350	8.16	9.50e-02	0.13	8.12	0.52	-1.97	-259.77	-5.32	-256.43	-29.17
14	71	1351	14.28	6.14e-02	0.13	14.20	1.02	-1.26	-240.40	-1.39	-240.27	-5.56
14	71	1352	22.91	-2.55e-02	5.81e-02	22.82	1.38	6.19	-236.29	3.70	-233.80	24.44
14	71	1353	34.25	-0.17	-1.99e-02	34.11	2.23	21.68	-249.56	8.89	-236.77	57.50
14	71	1354	48.60	-0.26	-6.04e-02	48.40	3.10	43.63	-276.36	14.42	-247.16	92.16
14	71	1355	65.93	-0.41	-8.81e-02	65.61	4.60	69.29	-306.57	19.70	-256.99	127.19
14	71	1356	85.96	-0.85	-0.38	85.49	6.38	98.29	-327.72	25.06	-254.49	160.73
14	71	1357	106.34	-1.55	-0.78	105.57	9.10	130.52	-321.84	29.15	-220.47	188.63
14	71	1358	129.63	-1.55	-0.60	128.68	11.14	171.97	-268.02	31.46	-127.51	205.14
14	71	1359	165.03	-1.21	-0.11	163.93	13.48	247.56	-173.95	23.23	50.38	210.32
14	71	1360	201.16	5.04	5.70	200.50	11.35	355.00	-139.10	7.37	208.53	225.65
14	71	1361	-114.89	-471.95	-471.79	-115.04	-7.39	790.18	-2132.49	-1983.42	641.11	643.01
14	71	1362	61.32	-94.60	-56.10	22.82	-67.24	68.99	-709.47	-514.89	-125.58	337.06
14	71	1363	42.63	-45.14	-20.76	18.25	-39.32	20.82	-420.25	-303.41	-96.03	194.64
14	71	1364	36.77	-26.15	-12.37	22.99	-26.03	11.35	-232.67	-167.15	-54.16	108.14
14	71	1365	29.44	-18.02	-8.59	20.01	-18.93	-16.92	-120.17	-103.08	-34.01	38.37
14	71	1366	16.73	-16.34	-9.22	9.61	-13.59	-14.87	-109.50	-93.44	-30.94	-35.53
14	71	1367	-9.24	-21.63	-19.54	-11.33	-4.64	94.04	-310.44	-144.55	-71.85	-198.95
14	71	1368	-39.07	-125.84	-79.60	-85.31	43.29	-1087.39	-2739.88	-2715.75	-1111.51	198.19
14	71	1369	151.53	106.08	148.94	108.67	-10.53	971.68	-1158.56	491.15	-678.03	890.36
14	71	1370	94.62	9.27	91.72	12.17	15.48	1017.05	415.95	483.54	949.46	189.89
14	71	1371	34.70	3.82	5.08	33.45	-6.09	385.76	-533.94	307.73	-455.91	-256.28
14	71	1372	64.70	-9.50	-8.84	64.03	6.98	1865.75	-316.71	1454.40	94.64	-853.55
14	71	1373	20.07	-16.60	-11.85	15.31	-12.32	237.17	-388.67	215.08	-366.57	-115.49
14	71	1374	21.57	-14.28	-7.36	14.65	14.15	590.67	-641.61	272.14	-323.08	-539.50
14	71	1375	10.14	-6.84	-4.93	8.23	-5.37	114.70	-369.81	53.87	-308.97	-160.54
14	71	1376	11.84	-1.43	-1.33	11.73	-1.19	240.34	-455.29	-10.18	-204.77	-333.93
14	71	1377	9.93	-2.55	-0.90	8.28	-4.22	28.67	-310.52	-33.80	-248.05	-131.48
14	71	1378	10.01	-1.03	3.37	5.60	-5.40	71.48	-303.19	-94.00	-137.72	-186.06
14	71	1379	14.45	-1.41	0.39	12.65	-5.03	-45.05	-230.58	-65.43	-210.20	-58.01
14	71	1380	24.15	-5.26	2.78	16.11	-13.11	-32.54	-193.47	-113.85	-112.16	-80.46

14	71	1381	21.38	-2.02	0.39	18.97	-7.11	-74.16	-195.22	-74.17	-195.21	1.13
14	71	1382	24.15	-3.52	3.59	17.04	-12.09	-103.23	-124.23	-123.24	-104.23	-4.47
14	71	1383	29.72	-2.49	0.20	27.04	-8.90	-45.06	-221.71	-74.30	-192.47	65.65
14	71	1384	38.77	-7.92	2.55	28.30	-19.47	-47.69	-180.95	-123.20	-105.45	66.04
14	71	1385	39.50	-3.17	-0.14	36.47	-10.96	11.60	-283.78	-72.00	-200.17	133.07
14	71	1386	39.23	-6.69	3.13	29.41	-18.83	10.64	-260.54	-133.68	-116.23	135.31
14	71	1387	51.31	-3.57	-0.30	48.04	-12.99	74.06	-357.25	-68.22	-214.97	202.78
14	71	1388	56.67	-10.52	2.90	43.24	-26.87	71.62	-341.90	-140.32	-129.96	206.69
14	71	1389	65.02	-4.59	-1.07	61.50	-15.26	140.35	-432.02	-59.83	-231.84	272.96
14	71	1390	56.82	-11.71	2.86	42.25	-28.04	128.73	-437.02	-158.22	-150.07	282.84
14	71	1391	81.97	-5.33	-1.92	78.56	-16.91	209.31	-495.81	-46.40	-240.10	339.00
14	71	1392	85.04	-18.13	1.14	65.78	-40.20	200.82	-524.25	-155.74	-167.69	362.48
14	71	1393	101.08	-5.96	-2.82	97.94	-18.06	286.37	-522.48	-11.54	-224.57	390.15
14	71	1394	81.93	-17.09	-0.64	65.49	-36.85	275.18	-612.74	-158.58	-178.98	443.84
14	71	1395	124.12	-5.25	-1.58	120.45	-21.48	370.71	-475.62	48.58	-153.49	410.92
14	71	1396	135.63	-14.30	8.40	112.93	-53.74	420.79	-622.72	-56.62	-145.32	519.87
14	71	1397	146.30	-8.95	-4.97	142.33	-24.53	471.44	-309.82	158.96	2.66	382.73
14	71	1398	131.05	-58.00	-27.84	100.90	-69.22	631.36	-579.41	98.59	-46.64	601.02
14	71	1399	183.56	-6.31	-5.43	182.67	-12.92	649.29	-54.07	265.16	330.05	350.18
14	71	1400	236.65	-57.35	-42.67	221.97	-64.04	1504.98	-329.38	928.83	246.77	851.42

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	518.76	-519.75	-514.73	-306.05	-264.23	1.723e+04	-6108.80	-2812.45	-5242.93	-7142.13
			457.99	258.03	100.46			1.311e+04	4832.78	2877.83

Macro	Tipo	Angolo 1-X (gradi)
15	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
15	4	33	179.09	-163.07	178.08	-162.07	18.55	4467.58	-1.602e+04	3690.44	-1.524e+04	-3913.43
15	4	1345	-25.67	-153.53	-115.77	-63.43	58.33	1192.95	-5407.62	653.70	-4868.38	1807.91
15	4	1405	215.82	-200.11	-193.68	209.39	51.29	3382.64	535.60	817.12	3101.11	-849.86
15	4	1406	30.13	0.11	11.87	18.38	-14.65	130.92	-820.96	-87.99	-602.05	400.57
15	4	1407	0.96	-8.37e-02	0.96	-8.21e-02	-4.19e-02	35.84	11.17	11.67	35.34	-3.47
15	4	1408	73.72	-5.83	73.28	-5.39	5.90	502.48	154.51	278.91	378.08	166.77
15	4	1409	65.68	0.21	65.23	0.67	5.46	92.64	-182.35	-126.94	37.22	110.31
15	4	1410	37.92	0.18	37.61	0.49	3.39	89.27	-311.92	-245.16	22.52	149.42
15	4	1411	10.69	0.39	10.67	0.41	0.44	112.02	-375.25	-287.09	23.86	187.58
15	4	1412	0.78	-7.88	-7.87	0.77	-0.31	211.75	-292.39	-208.64	127.99	187.64
15	4	1413	13.42	-26.10	-25.31	12.63	-5.55	1030.45	-91.89	-85.73	1024.28	82.96
15	4	1414	31.97	-2.71	27.51	1.75	-11.61	-143.49	-542.73	-145.70	-540.52	29.62
15	4	1415	4.16	0.28	3.30	1.14	-1.61	9.03	-295.44	-24.20	-262.21	94.95
15	4	1416	1.88	0.52	1.87	0.53	-0.14	64.97	-179.47	-158.36	43.86	68.67
15	4	1417	0.39	-4.92	-4.85	0.32	0.62	69.44	-276.61	-235.36	28.20	112.12
15	4	1418	3.20e-02	-18.50	-18.49	2.85e-02	0.26	78.11	-332.49	-271.42	17.05	146.09
15	4	1419	0.23	-33.27	-33.27	0.23	-0.16	92.21	-353.67	-280.41	18.94	165.23
15	4	1420	0.50	-48.07	-48.06	0.49	-0.62	105.96	-344.10	-248.07	9.94	184.38
15	4	1421	1.75	-62.12	-62.09	1.72	-1.28	172.68	-351.58	-192.72	13.82	240.93
15	4	1422	16.89	-67.56	-66.98	16.31	-6.97	237.81	-399.97	-180.85	18.69	302.88
15	4	1423	-137.82	-182.65	-171.89	-148.58	19.14	-143.04	-1153.10	-773.65	-522.49	489.17
15	4	1424	153.26	14.36	46.41	121.20	-58.52	714.11	-996.22	-216.98	-65.13	851.79
15	4	1425	-38.87	-131.66	-59.73	-110.81	-38.73	-428.34	-1795.89	-867.90	-1356.33	638.68
15	4	1426	146.50	49.91	131.11	65.30	35.35	3983.31	1383.15	1927.40	3439.07	1057.79
15	4	1427	76.60	-1.42	76.33	-1.15	4.58	137.25	-79.12	-1.60	59.73	103.75
15	4	1428	51.92	0.44	51.58	0.78	4.15	74.19	-250.90	-195.69	18.98	122.06
15	4	1429	24.37	0.44	24.31	0.49	1.14	100.16	-335.59	-269.11	33.68	156.68
15	4	1430	35.16	-52.84	5.49	-23.17	-41.60	802.90	-1162.65	60.16	-419.90	953.01
15	4	1431	6.29	-19.66	-14.30	0.93	10.51	297.72	-594.47	-281.96	-14.79	425.62
15	4	1432	5.32	-15.22	-9.26	-0.64	9.32	231.35	-534.78	-224.59	-78.85	376.07
15	4	1433	41.23	2.66	40.86	3.04	3.77	276.47	-408.90	152.15	-284.57	264.11
15	4	1434	5.96	-22.74	-17.99	1.20	10.67	324.79	-612.55	-295.37	7.62	443.51
15	4	1435	6.75	-17.31	-9.71	-0.85	11.18	341.44	-687.44	-230.56	-115.43	511.21
15	4	1436	12.99	-10.68	0.96	1.35	11.83	342.10	-626.14	-299.59	15.55	457.76
15	4	1437	25.85	-4.64	23.39	-2.18	8.31	310.73	-459.92	-24.96	-124.23	382.11
15	4	1438	26.18	-5.36	20.27	0.55	12.31	321.35	-494.26	-149.42	-23.49	402.92
15	4	1439	22.86	-5.70	15.22	1.94	12.64	326.10	-542.78	-228.08	11.39	417.61
15	4	1440	16.38	-8.53	5.97	1.89	12.29	335.10	-592.49	-276.39	19.00	439.65
15	4	1441	5.19	-24.67	-20.32	0.84	10.54	366.57	-582.05	-188.34	-27.14	467.41
15	4	1442	5.27	-26.20	-22.29	1.36	10.39	350.76	-612.04	-273.14	11.87	459.83
15	4	1443	-2.59	-38.34	-29.18	-11.75	15.61	470.31	-710.91	-129.79	-110.80	590.53

15	4	1444	35.57	-15.84	-11.21	30.95	-14.72	-3.22	-1261.02	-17.35	-1246.89	132.55
15	4	1445	1.04	-6.33	-2.45	-2.83	3.68	109.48	-419.96	-140.16	-170.31	264.29
15	4	1446	5.10	-30.52	-12.27	-13.15	17.81	347.98	-1010.93	-113.70	-549.25	643.61
15	4	1447	10.05	-13.47	-4.36	0.93	11.46	347.13	-644.60	-280.55	-16.91	478.02
15	4	1448	2.30	-85.41	2.29	-85.40	-1.01	879.15	-888.66	-45.86	36.36	882.95
15	4	1449	4.75	-18.03	4.73	-18.00	-0.76	482.32	-785.91	31.12	-334.71	607.16
15	5	33	223.56	-214.44	222.04	-212.92	25.79	3284.78	-1.855e+04	2013.89	-1.728e+04	-5112.34
15	5	1345	-15.76	-173.31	-131.75	-57.32	69.43	1260.04	-6154.45	622.95	-5517.35	2077.94
15	5	1405	245.01	-251.43	-247.31	240.88	45.05	3742.10	676.24	1896.08	2522.25	-1500.62
15	5	1406	33.74	-17.20	0.99	15.55	-24.40	-80.59	-984.42	-161.54	-903.48	258.09
15	5	1407	1.01	-0.10	0.49	0.42	-0.55	20.04	-15.58	-10.96	15.42	11.96
15	5	1408	84.57	0.77	82.88	2.46	11.80	356.98	4.54	70.58	290.94	137.52
15	5	1409	50.99	-0.44	50.72	-0.17	3.70	98.44	-324.09	-251.44	25.79	159.44
15	5	1410	27.83	-0.42	27.59	-0.18	2.58	124.22	-456.53	-357.62	25.30	218.31
15	5	1411	4.34	-1.36	3.20	-0.23	2.28	161.20	-515.67	-380.57	26.10	270.55
15	5	1412	0.85	-14.45	-14.34	0.74	1.29	243.53	-427.86	-283.59	99.25	275.77
15	5	1413	9.55	-35.96	-35.91	9.50	-1.47	1126.14	-121.36	-53.23	1058.00	283.47
15	5	1414	30.71	1.75	26.43	6.03	-10.28	-170.37	-923.32	-177.21	-916.47	71.48
15	5	1415	3.25	1.61	2.32	2.54	-0.82	16.29	-363.67	-28.56	-318.81	122.60
15	5	1416	1.24	-0.21	0.39	0.65	-0.71	50.06	-235.71	-198.63	12.98	96.03
15	5	1417	0.18	-9.32	-9.32	0.18	8.51e-02	79.61	-369.82	-302.72	12.52	160.16
15	5	1418	0.13	-27.36	-27.35	0.12	-0.37	110.36	-451.54	-359.50	18.33	207.96
15	5	1419	-1.17e-02	-46.47	-46.44	-4.81e-02	-1.30	128.52	-489.77	-383.64	22.39	233.14
15	5	1420	-0.12	-64.97	-64.90	-0.20	-2.21	143.32	-494.40	-363.90	12.81	257.28
15	5	1421	1.49	-81.98	-81.89	1.40	-2.80	211.00	-522.27	-324.75	13.48	325.30
15	5	1422	18.94	-96.23	-95.47	18.17	-9.33	262.73	-615.81	-328.71	-24.37	412.07
15	5	1423	-129.67	-222.40	-222.33	-129.74	2.56	248.46	-1113.27	-362.44	-502.37	677.26
15	5	1424	179.82	27.52	51.47	155.87	-55.44	136.51	-864.31	-314.41	-413.39	497.95
15	5	1425	-69.18	-178.39	-87.25	-160.32	-40.59	-697.88	-2526.75	-733.63	-2491.00	253.17
15	5	1426	192.67	80.11	178.86	93.92	36.93	3564.49	901.44	1070.86	3395.07	649.97
15	5	1427	62.09	-0.10	61.69	0.29	4.95	107.87	-213.07	-144.76	39.56	131.37
15	5	1428	39.49	-0.58	39.30	-0.39	2.72	99.69	-394.38	-313.84	19.15	182.50
15	5	1429	16.19	-0.81	15.53	-0.15	3.28	141.44	-477.60	-374.40	38.25	230.72
15	5	1430	50.62	-48.92	-2.52	4.22	-49.65	540.36	-1203.24	-8.35	-654.53	809.72
15	5	1431	5.18	-24.04	-19.62	0.75	10.47	340.09	-726.39	-369.98	-16.32	503.07
15	5	1432	4.61	-18.20	-12.64	-0.95	9.79	261.68	-646.43	-290.47	-94.27	443.33
15	5	1433	26.17	7.01	22.08	11.10	7.84	87.33	-506.08	-33.91	-384.84	239.26
15	5	1434	4.63	-28.32	-24.75	1.07	10.23	368.02	-754.01	-397.20	11.22	522.53
15	5	1435	5.42	-19.90	-13.69	-0.79	10.89	414.67	-803.60	-253.09	-135.85	606.31
15	5	1436	9.63	-12.48	-4.04	1.19	10.74	388.28	-770.12	-401.43	19.59	539.59
15	5	1437	21.28	-3.63	15.95	1.70	10.21	280.68	-594.06	-146.20	-167.18	437.25
15	5	1438	20.16	-5.82	13.94	0.39	11.09	331.83	-631.49	-264.48	-35.17	467.81
15	5	1439	16.47	-6.10	9.54	0.82	10.41	356.40	-686.10	-341.26	11.56	490.49
15	5	1440	11.76	-10.61	0.18	0.96	11.18	374.80	-738.11	-385.66	22.36	517.71
15	5	1441	5.21	-32.67	-28.89	1.43	11.36	398.52	-736.78	-301.61	-36.65	551.97
15	5	1442	4.03	-32.69	-29.80	1.14	9.89	391.85	-758.70	-382.10	15.25	539.88
15	5	1443	-1.27	-43.20	-38.40	-6.07	13.35	503.34	-793.42	-128.14	-161.94	648.16
15	5	1444	60.39	-34.85	-31.19	56.74	-18.31	-90.20	-1350.90	-90.87	-1350.23	29.04
15	5	1445	-6.14e-02	-8.25	-4.18	-4.13	4.10	106.18	-516.30	-169.54	-240.58	309.21
15	5	1446	3.34	-33.10	-14.63	-15.13	18.22	423.96	-1107.10	-97.08	-586.06	725.44
15	5	1447	7.62	-15.55	-8.71	0.78	10.57	396.96	-782.61	-369.24	-16.41	562.78
15	5	1448	-2.33	-69.45	-3.00	-68.77	-6.70	833.69	-893.01	16.22	-75.53	862.13
15	5	1449	-0.66	-11.95	-6.35	-6.26	-5.65	352.64	-793.42	1.29	-442.06	528.41
15	36	33	190.79	-176.66	189.64	-175.52	20.51	4148.52	-1.665e+04	3252.49	-1.576e+04	-4223.40
15	36	1345	-23.07	-158.43	-119.80	-61.70	61.13	1209.68	-5598.07	645.56	-5033.96	1876.73
15	36	1405	223.51	-212.93	-207.22	217.80	49.60	3408.73	660.55	1118.07	2951.21	-1023.72
15	36	1406	30.65	-4.65	8.95	17.05	-17.18	68.55	-854.21	-106.95	-678.70	362.14
15	36	1407	0.88	1.75e-02	0.84	5.57e-02	-0.18	30.22	5.69	5.71	30.20	0.58
15	36	1408	76.37	-4.02	75.67	-3.32	7.48	461.58	119.25	224.91	355.92	158.13
15	36	1409	61.61	3.27e-02	61.20	0.44	4.97	94.03	-218.87	-159.13	34.29	122.98
15	36	1410	35.13	1.54e-02	34.85	0.30	3.15	98.13	-349.50	-274.60	23.24	167.08
15	36	1411	8.75	0.14	8.65	0.23	0.91	124.39	-411.79	-311.84	24.44	208.82
15	36	1412	0.75	-9.60	-9.60	0.75	0.10	219.33	-327.15	-228.48	120.66	210.20
15	36	1413	12.31	-28.55	-28.03	11.80	-4.57	1048.92	-93.65	-77.68	1032.95	134.12
15	36	1414	31.67	-1.50	27.24	2.94	-11.29	-150.16	-639.86	-153.57	-636.46	40.68
15	36	1415	3.90	0.68	3.05	1.53	-1.41	10.98	-313.00	-25.33	-276.69	102.20
15	36	1416	1.57	0.48	1.49	0.57	-0.29	60.94	-193.93	-168.97	35.98	75.75
15	36	1417	0.32	-6.02	-5.99	0.29	0.47	71.84	-300.89	-253.24	24.19	124.47
15	36	1418	5.67e-02	-20.74	-20.74	5.64e-02	7.84e-02	86.22	-363.64	-294.79	17.37	161.97
15	36	1419	0.17	-36.60	-36.59	0.17	-0.47	101.41	-389.21	-307.64	19.85	182.66
15	36	1420	0.34	-52.32	-52.30	0.32	-1.04	115.43	-383.09	-278.34	10.68	203.10
15	36	1421	1.69	-67.11	-67.07	1.64	-1.68	182.30	-395.33	-226.84	13.81	262.56
15	36	1422	17.47	-74.78	-74.15	16.83	-7.63	244.06	-455.13	-218.78	7.71	330.75
15	36	1423	-138.59	-189.37	-184.60	-143.36	14.81	-43.53	-1127.92	-655.99	-515.46	537.62
15	36	1424	159.95	18.05	47.80	130.20	-57.76	559.69	-957.04	-241.94	-155.42	757.13
15	36	1425	-46.97	-143.88	-66.97	-123.88	-39.22	-570.24	-1905.48	-831.75	-1643.97	529.90
15	36	1426	158.61	57.98	143.64	72.95	35.82	3846.73	1265.09	1684.91	3426.90	952.67

15	36	1427	72.55	-1.07	72.26	-0.77	4.67	128.44	-112.34	-38.48	54.57	111.04
15	36	1428	48.48	0.16	48.18	0.45	3.76	80.66	-288.07	-226.42	19.02	137.59
15	36	1429	22.03	0.19	21.90	0.31	1.65	110.59	-372.57	-296.85	34.87	175.65
15	36	1430	38.51	-50.93	3.36	-15.78	-43.68	732.46	-1169.70	42.38	-479.62	914.57
15	36	1431	5.96	-20.72	-15.64	0.88	10.48	308.24	-628.76	-305.33	-15.19	445.47
15	36	1432	5.11	-15.95	-10.12	-0.72	9.42	238.84	-563.80	-242.17	-82.79	393.33
15	36	1433	36.61	4.45	35.85	5.20	4.87	226.64	-432.91	103.78	-310.05	256.79
15	36	1434	5.56	-24.10	-19.70	1.17	10.54	335.55	-649.22	-322.23	8.57	463.78
15	36	1435	6.34	-17.92	-10.74	-0.83	11.07	360.10	-717.20	-236.46	-120.64	535.53
15	36	1436	12.01	-11.07	-0.36	1.31	11.51	353.60	-663.45	-326.43	16.58	478.73
15	36	1437	24.40	-4.15	21.37	-1.13	8.79	302.58	-494.02	-56.26	-135.19	396.34
15	36	1438	24.54	-5.46	18.57	0.51	11.97	323.68	-529.34	-179.17	-26.48	419.62
15	36	1439	21.13	-5.78	13.71	1.64	12.02	333.57	-579.61	-257.52	11.49	436.33
15	36	1440	15.08	-9.02	4.42	1.65	11.97	344.97	-630.11	-305.01	19.88	459.68
15	36	1441	5.16	-26.68	-22.51	0.99	10.74	374.45	-621.70	-217.70	-29.55	489.11
15	36	1442	4.90	-27.80	-24.19	1.30	10.24	360.99	-649.89	-301.65	12.76	480.37
15	36	1443	-2.47	-39.28	-31.54	-10.21	15.00	478.76	-731.08	-128.68	-123.64	604.92
15	36	1444	42.05	-20.69	-16.50	37.87	-15.65	-27.96	-1281.60	-36.69	-1272.87	104.23
15	36	1445	0.74	-6.80	-2.89	-3.16	3.77	108.53	-444.72	-147.96	-188.23	275.89
15	36	1446	4.63	-31.17	-12.87	-13.67	17.90	367.38	-1035.62	-109.64	-558.61	664.61
15	36	1447	9.33	-13.95	-5.51	0.89	11.20	359.53	-680.40	-304.08	-16.78	499.73
15	36	1448	1.05	-80.90	0.97	-80.82	-2.48	865.75	-887.44	-29.13	7.45	876.41
15	36	1449	2.04	-15.10	1.80	-14.86	-2.00	448.70	-785.28	25.32	-361.89	585.83
15	37	33	212.13	-201.23	210.74	-199.83	23.97	3585.30	-1.787e+04	2453.44	-1.673e+04	-4795.63
15	37	1345	-18.33	-167.79	-127.38	-58.75	66.38	1242.16	-5954.80	631.31	-5343.95	2005.77
15	37	1405	237.55	-237.23	-232.61	232.93	46.60	3587.85	721.55	1632.93	2676.47	-1334.80
15	37	1406	32.35	-12.92	3.74	15.69	-21.83	-32.60	-932.06	-142.02	-822.64	294.02
15	37	1407	0.91	6.63e-03	0.62	0.30	-0.42	22.96	-7.01	-4.82	20.77	7.79
15	37	1408	81.59	-0.87	80.28	0.44	10.30	392.34	47.48	125.53	314.28	144.31
15	37	1409	54.56	-0.28	54.25	3.07e-02	4.13	96.80	-286.24	-218.28	28.84	146.33
15	37	1410	30.29	-0.27	30.04	-2.21e-02	2.76	114.91	-417.74	-327.39	24.56	199.90
15	37	1411	5.62	-0.63	5.06	-7.25e-02	1.78	148.05	-477.79	-355.24	25.50	248.35
15	37	1412	0.79	-12.77	-12.71	0.74	0.86	234.66	-390.96	-263.24	106.93	252.18
15	37	1413	10.45	-33.25	-33.09	10.29	-2.64	1094.67	-107.45	-61.76	1048.98	229.86
15	37	1414	31.10	0.65	26.73	5.02	-10.67	-163.15	-821.53	-168.69	-816.00	60.12
15	37	1415	3.46	1.34	2.59	2.20	-1.04	14.36	-345.33	-27.32	-303.66	115.12
15	37	1416	1.29	0.14	0.80	0.63	-0.57	53.80	-220.26	-187.69	21.23	88.68
15	37	1417	0.23	-8.07	-8.07	0.22	0.21	76.78	-344.46	-284.39	16.71	147.29
15	37	1418	0.11	-24.89	-24.89	0.10	-0.22	101.75	-419.33	-335.56	17.98	191.40
15	37	1419	6.07e-02	-42.80	-42.77	3.69e-02	-1.01	118.85	-453.08	-355.71	21.47	214.96
15	37	1420	5.29e-02	-60.28	-60.23	-6.44e-04	-1.80	133.31	-454.04	-332.76	12.03	237.75
15	37	1421	1.57	-76.50	-76.42	1.49	-2.40	200.60	-476.38	-289.44	13.66	302.67
15	37	1422	18.46	-88.37	-87.64	17.73	-8.77	255.87	-557.90	-289.22	-12.81	382.69
15	37	1423	-133.68	-209.15	-208.52	-134.31	6.88	144.26	-1110.16	-459.91	-506.00	626.79
15	37	1424	172.67	24.33	50.23	146.77	-56.31	283.88	-892.49	-288.39	-320.22	587.97
15	37	1425	-61.46	-166.22	-80.14	-147.54	-40.10	-687.64	-2265.88	-767.53	-2185.99	345.98
15	37	1426	180.76	72.46	166.54	86.68	36.58	3648.05	1034.14	1276.34	3405.85	757.91
15	37	1427	65.60	-0.44	65.24	-8.64e-02	4.84	114.45	-176.26	-106.76	44.94	124.00
15	37	1428	42.51	-0.33	42.29	-0.11	3.07	92.89	-356.00	-282.22	19.10	166.36
15	37	1429	18.08	-0.39	17.68	3.53e-03	2.67	130.42	-439.36	-345.98	37.04	210.92
15	37	1430	45.97	-49.07	-0.48	-2.63	-47.51	606.93	-1188.88	9.71	-591.66	846.06
15	37	1431	5.43	-22.79	-18.15	0.80	10.46	328.82	-690.80	-346.07	-15.92	482.34
15	37	1432	4.77	-17.35	-11.71	-0.87	9.64	253.65	-616.32	-272.52	-90.15	425.32
15	37	1433	29.17	6.76	26.86	9.07	6.81	136.38	-479.26	15.05	-357.94	244.89
15	37	1434	4.93	-26.73	-22.90	1.10	10.33	356.46	-715.87	-369.68	10.26	501.38
15	37	1435	5.70	-19.15	-12.64	-0.80	10.93	395.16	-772.38	-246.83	-130.39	580.86
15	37	1436	10.40	-11.93	-2.76	1.23	10.99	375.92	-731.35	-373.93	18.49	517.70
15	37	1437	22.20	-3.65	17.81	0.73	9.70	288.13	-557.85	-114.04	-155.68	422.48
15	37	1438	21.65	-5.68	15.54	0.44	11.39	328.68	-594.54	-233.82	-32.04	450.45
15	37	1439	18.06	-5.97	10.99	1.11	10.95	348.14	-647.55	-310.97	11.56	471.00
15	37	1440	12.87	-10.02	1.65	1.20	11.44	364.11	-698.93	-356.29	21.46	496.83
15	37	1441	5.17	-30.47	-26.57	1.27	11.13	389.74	-695.17	-271.35	-34.08	529.32
15	37	1442	4.32	-30.87	-27.75	1.20	10.00	380.76	-719.22	-352.81	14.35	518.44
15	37	1443	-1.81	-41.60	-35.91	-7.49	13.92	494.46	-770.20	-127.70	-148.03	632.25
15	37	1444	54.01	-29.81	-26.06	50.26	-17.34	-69.34	-1324.74	-71.74	-1322.34	54.85
15	37	1445	0.22	-7.70	-3.71	-3.77	3.96	107.01	-490.33	-161.52	-221.80	297.14
15	37	1446	3.78	-32.38	-14.00	-14.61	18.08	403.50	-1081.38	-101.66	-576.22	703.50
15	37	1447	8.17	-14.95	-7.60	0.82	10.77	383.68	-745.40	-345.18	-16.54	540.10
15	37	1448	-1.14	-73.21	-1.52	-72.83	-5.19	843.90	-889.15	0.64	-45.90	866.21
15	37	1449	-1.16	-11.55	-3.49	-9.23	-4.33	386.79	-788.80	11.12	-413.13	548.18
15	68	33	191.69	-177.71	190.54	-176.55	20.66	4124.41	-1.670e+04	3218.99	-1.580e+04	-4247.17
15	68	1345	-22.87	-158.81	-120.11	-61.57	61.34	1210.99	-5612.70	644.97	-5046.68	1882.02
15	68	1405	224.11	-213.90	-208.24	218.45	49.47	3413.21	667.72	1141.10	2939.83	-1037.09
15	68	1406	30.69	-5.01	8.73	16.95	-17.37	63.95	-856.94	-108.41	-684.58	359.18
15	68	1407	0.87	2.29e-02	0.83	6.65e-02	-0.19	29.85	5.24	5.27	29.82	0.88
15	68	1408	76.58	-3.89	75.86	-3.16	7.60	458.53	116.46	220.77	354.22	157.48
15	68	1409	61.29	1.87e-02	60.89	0.42	4.93	94.14	-221.65	-161.57	34.07	123.94

15	68	1410	34.92	2.77e-03	34.63	0.29	3.13	98.82	-352.32	-276.80	23.29	168.43
15	68	1411	8.60	0.11	8.49	0.22	0.95	125.36	-414.52	-313.65	24.48	210.44
15	68	1412	0.75	-9.74	-9.73	0.75	0.13	219.93	-329.77	-229.94	120.10	211.92
15	68	1413	12.23	-28.74	-28.24	11.73	-4.49	1050.51	-93.94	-77.04	1033.61	138.04
15	68	1414	31.65	-1.40	27.22	3.03	-11.27	-150.68	-647.31	-154.18	-643.82	41.49
15	68	1415	3.88	0.71	3.03	1.56	-1.40	11.12	-314.33	-25.41	-277.79	102.74
15	68	1416	1.55	0.48	1.46	0.57	-0.31	60.64	-195.01	-169.75	35.38	76.29
15	68	1417	0.32	-6.10	-6.07	0.28	0.46	72.04	-302.69	-254.54	23.88	125.41
15	68	1418	5.89e-02	-20.91	-20.91	5.87e-02	6.50e-02	86.85	-365.95	-296.50	17.39	163.18
15	68	1419	0.17	-36.85	-36.84	0.16	-0.49	102.12	-391.86	-309.65	19.91	183.99
15	68	1420	0.33	-52.64	-52.62	0.31	-1.08	116.16	-386.02	-280.60	10.73	204.52
15	68	1421	1.68	-67.49	-67.45	1.64	-1.72	183.05	-398.66	-229.42	13.81	264.21
15	68	1422	17.51	-75.33	-74.69	16.87	-7.68	244.54	-459.34	-221.68	6.87	332.87
15	68	1423	-138.50	-190.02	-185.57	-142.95	14.47	-35.66	-1126.28	-647.01	-514.93	541.29
15	68	1424	160.47	18.32	47.90	130.89	-57.70	547.92	-954.00	-243.84	-162.24	749.85
15	68	1425	-47.59	-144.82	-67.53	-124.88	-39.26	-578.76	-1916.26	-828.97	-1666.06	521.58
15	68	1426	159.55	58.60	144.61	73.54	35.85	3837.03	1255.32	1666.39	3425.96	944.61
15	68	1427	72.24	-1.04	71.94	-0.75	4.67	127.80	-114.93	-41.30	54.17	111.58
15	68	1428	48.21	0.13	47.92	0.42	3.73	81.17	-290.88	-228.73	19.02	138.78
15	68	1429	21.85	0.17	21.72	0.30	1.69	111.40	-375.34	-298.90	34.96	177.10
15	68	1430	38.79	-50.80	3.19	-15.21	-43.84	727.09	-1170.28	41.02	-484.21	911.61
15	68	1431	5.94	-20.80	-15.75	0.88	10.47	309.07	-631.32	-307.03	-15.22	446.99
15	68	1432	5.09	-16.00	-10.18	-0.73	9.43	239.44	-565.97	-243.44	-83.09	394.64
15	68	1433	36.26	4.58	35.47	5.37	4.95	222.83	-434.76	100.08	-312.01	256.23
15	68	1434	5.53	-24.20	-19.83	1.16	10.53	336.40	-651.97	-324.21	8.64	465.32
15	68	1435	6.31	-17.97	-10.82	-0.83	11.06	361.54	-719.47	-236.88	-121.04	537.39
15	68	1436	11.94	-11.10	-0.47	1.30	11.48	354.50	-666.26	-328.41	16.65	480.33
15	68	1437	24.29	-4.12	21.22	-1.05	8.83	301.96	-496.64	-58.65	-136.03	397.42
15	68	1438	24.41	-5.46	18.44	0.51	11.95	323.87	-532.01	-181.43	-26.71	420.89
15	68	1439	20.99	-5.78	13.59	1.62	11.98	334.16	-582.40	-259.74	11.50	437.76
15	68	1440	14.98	-9.06	4.30	1.63	11.95	345.75	-632.95	-307.15	19.94	461.21
15	68	1441	5.16	-26.83	-22.67	1.00	10.76	375.07	-624.72	-219.92	-29.74	490.76
15	68	1442	4.88	-27.92	-24.34	1.30	10.23	361.79	-652.75	-303.78	12.83	481.94
15	68	1443	-2.46	-39.36	-31.72	-10.09	14.95	479.41	-732.61	-128.58	-124.62	606.01
15	68	1444	42.56	-21.07	-16.91	38.41	-15.72	-29.80	-1283.24	-38.17	-1274.87	102.06
15	68	1445	0.72	-6.83	-2.93	-3.19	3.78	108.46	-446.59	-148.52	-189.60	276.77
15	68	1446	4.59	-31.22	-12.92	-13.71	17.90	368.86	-1037.51	-109.33	-559.33	666.21
15	68	1447	9.28	-13.99	-5.59	0.88	11.17	360.51	-683.09	-305.80	-16.77	501.39
15	68	1448	0.95	-80.55	0.87	-80.47	-2.59	864.74	-887.34	-27.84	5.23	875.89
15	68	1449	1.84	-14.89	1.58	-14.62	-2.10	446.14	-785.24	24.87	-363.98	584.19
15	69	33	211.25	-200.21	209.86	-198.82	23.83	3608.52	-1.781e+04	2487.06	-1.669e+04	-4771.34
15	69	1345	-18.53	-167.38	-127.05	-58.86	66.15	1240.75	-5939.46	631.92	-5330.63	2000.22
15	69	1405	236.97	-236.16	-231.50	232.31	46.72	3577.69	723.23	1612.73	2688.18	-1322.06
15	69	1406	32.25	-12.59	3.95	15.71	-21.63	-28.72	-928.25	-140.53	-816.44	296.78
15	69	1407	0.90	1.26e-02	0.63	0.29	-0.41	23.21	-6.40	-4.37	21.17	7.48
15	69	1408	81.36	-0.99	80.08	0.29	10.19	395.11	50.71	129.74	316.08	144.82
15	69	1409	54.84	-0.27	54.52	4.65e-02	4.16	96.68	-283.35	-215.75	29.08	145.33
15	69	1410	30.48	-0.26	30.23	-9.43e-03	2.78	114.19	-414.81	-325.13	24.51	198.49
15	69	1411	5.73	-0.59	5.20	-6.04e-02	1.75	147.03	-474.95	-353.38	25.46	246.65
15	69	1412	0.79	-12.64	-12.59	0.74	0.83	233.98	-388.20	-261.75	107.52	250.37
15	69	1413	10.53	-33.05	-32.88	10.36	-2.73	1092.42	-106.57	-62.44	1048.29	225.74
15	69	1414	31.13	0.56	26.75	4.94	-10.70	-162.59	-813.72	-168.03	-808.28	59.29
15	69	1415	3.47	1.32	2.61	2.18	-1.06	14.21	-343.94	-27.23	-302.50	114.57
15	69	1416	1.30	0.16	0.83	0.63	-0.56	54.10	-219.12	-186.89	21.87	88.13
15	69	1417	0.23	-7.98	-7.98	0.22	0.22	76.56	-342.58	-283.05	17.03	146.31
15	69	1418	0.10	-24.70	-24.70	0.10	-0.21	101.08	-416.94	-333.82	17.96	190.13
15	69	1419	6.59e-02	-42.52	-42.50	4.31e-02	-0.99	118.09	-450.34	-353.65	21.40	213.57
15	69	1420	6.60e-02	-59.93	-59.88	1.41e-02	-1.77	132.54	-451.00	-330.43	11.97	236.26
15	69	1421	1.57	-76.08	-76.01	1.50	-2.37	199.80	-472.89	-286.77	13.68	300.94
15	69	1422	18.42	-87.77	-87.05	17.70	-8.72	255.35	-553.48	-286.20	-11.92	380.45
15	69	1423	-133.96	-208.18	-207.47	-134.66	7.21	136.43	-1110.09	-467.39	-506.27	622.96
15	69	1424	172.12	24.08	50.13	146.07	-56.37	295.25	-894.83	-286.40	-313.18	594.89
15	69	1425	-60.87	-165.29	-79.59	-146.56	-40.06	-685.71	-2246.98	-770.14	-2162.55	353.11
15	69	1426	179.84	71.87	165.59	86.13	36.55	3655.12	1043.68	1292.12	3406.68	766.20
15	69	1427	65.87	-0.47	65.51	-0.12	4.84	114.99	-173.48	-103.85	45.36	123.45
15	69	1428	42.75	-0.31	42.52	-8.89e-02	3.10	92.36	-353.09	-279.84	19.10	165.13
15	69	1429	18.23	-0.36	17.85	1.55e-02	2.62	129.57	-436.50	-343.88	36.95	209.41
15	69	1430	45.63	-49.10	-0.32	-3.16	-47.35	612.09	-1187.84	11.09	-586.83	848.86
15	69	1431	5.45	-22.70	-18.04	0.80	10.46	327.93	-688.13	-344.32	-15.89	480.76
15	69	1432	4.78	-17.28	-11.64	-0.87	9.63	253.01	-614.06	-271.22	-89.83	423.94
15	69	1433	29.44	6.71	27.23	8.92	6.73	140.14	-477.21	18.80	-355.87	245.33
15	69	1434	4.96	-26.61	-22.76	1.10	10.33	355.55	-713.01	-367.65	10.19	499.76
15	69	1435	5.73	-19.10	-12.56	-0.81	10.93	393.65	-770.00	-246.38	-129.97	578.91
15	69	1436	10.46	-11.89	-2.66	1.23	11.00	374.95	-728.44	-371.90	18.41	516.03
15	69	1437	22.27	-3.66	17.96	0.66	9.66	288.72	-555.10	-111.58	-154.80	421.35
15	69	1438	21.77	-5.67	15.66	0.44	11.42	328.45	-591.74	-231.48	-31.80	449.13
15	69	1439	18.19	-5.96	11.10	1.13	11.00	347.50	-644.63	-308.69	11.56	469.51

15	69	1440	12.95	-9.97	1.76	1.22	11.46	363.28	-695.98	-354.09	21.40	495.24
15	69	1441	5.17	-30.30	-26.39	1.26	11.11	389.07	-692.01	-269.06	-33.88	527.59
15	69	1442	4.34	-30.73	-27.59	1.20	10.01	379.90	-716.24	-350.63	14.28	516.81
15	69	1443	-1.84	-41.48	-35.73	-7.60	13.97	493.79	-768.44	-127.68	-146.97	631.04
15	69	1444	53.52	-29.43	-25.66	49.75	-17.27	-67.70	-1322.77	-70.28	-1320.19	56.83
15	69	1445	0.24	-7.66	-3.67	-3.74	3.95	107.07	-488.36	-160.94	-220.36	296.23
15	69	1446	3.81	-32.33	-13.95	-14.57	18.07	401.94	-1079.42	-102.02	-575.46	701.83
15	69	1447	8.21	-14.90	-7.51	0.82	10.78	382.64	-742.61	-343.42	-16.55	538.37
15	69	1448	-1.05	-73.50	-1.41	-73.15	-5.07	844.71	-888.91	-0.56	-43.63	866.54
15	69	1449	-1.12	-11.60	-3.27	-9.46	-4.23	389.42	-788.47	11.87	-410.91	549.70

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-251.43	-247.31	-212.92	-58.52		-1.855e+04	-867.90	-1.728e+04	-5112.34
	245.01		222.04	240.88	69.43	4467.58		3690.44	3439.07	2077.94

Macro	Tipo	Angolo 1-X (gradi)
16	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
16	7	48	75.73	-148.49	-148.15	75.38	-8.82	2.984e+04	2565.07	1.122e+04	2.119e+04	-1.269e+04
16	7	50	148.40	-42.16	144.34	-38.10	27.53	1.818e+04	2416.71	1.118e+04	9416.24	7830.57
16	7	1450	-3.45	-67.61	-65.47	-5.59	11.52	416.72	-295.01	323.02	-201.31	-240.64
16	7	1451	-1.43	-33.95	-33.94	-1.44	0.61	11.18	-787.90	-786.62	9.90	-31.95
16	7	1452	-0.87	-28.02	-28.01	-0.88	-0.29	11.08	-1415.75	-1415.48	10.80	-19.81
16	7	1453	-0.85	-21.40	-21.39	-0.86	-0.39	10.57	-1823.89	-1822.40	9.08	-52.29
16	7	1454	-0.83	-18.12	-18.11	-0.85	-0.53	11.87	-2063.43	-2059.09	7.54	-94.76
16	7	1455	-0.84	-14.45	-14.43	-0.85	-0.47	14.36	-2146.18	-2137.36	5.54	-137.76
16	7	1456	-0.34	-10.40	-10.39	-0.35	-0.35	17.23	-2312.08	-2298.44	3.59	-177.73
16	7	1457	-9.31e-02	-4.11	-3.80	-0.40	-1.06	24.24	-2039.44	-2017.29	2.10	-212.62
16	7	1458	2.24	-0.59	2.15	-0.50	-0.49	38.00	-1587.64	-1551.94	2.31	-238.23
16	7	1459	9.24	-2.07	8.91	-1.74	-1.90	58.68	-931.07	-871.04	-1.35	-236.25
16	7	1460	14.59	-13.77	14.35	-13.53	2.59	256.36	-126.27	189.80	-59.72	-145.03
16	7	1461	4.36	4.68e-02	0.11	4.30	-0.51	139.65	0.60	0.83	139.43	5.59
16	7	1462	0.31	-0.35	0.31	-0.35	1.91e-02	22.14	-139.70	-23.72	-93.84	-72.93
16	7	1463	6.97	-3.38	4.50	-0.91	-4.41	104.98	-234.47	-233.49	103.99	18.28
16	7	1464	7.31	-1.93	7.05	-1.67	-1.53	79.70	-771.81	-771.55	79.45	-14.75
16	7	1465	8.06	-0.33	7.99	-0.26	0.77	53.47	-1297.39	-1291.09	47.17	-92.04
16	7	1466	8.93	-0.13	8.64	0.17	1.61	36.50	-1693.02	-1680.04	23.53	-149.23
16	7	1467	9.05	-0.17	8.72	0.15	1.70	29.15	-1937.89	-1918.98	10.24	-191.97
16	7	1468	8.63	-0.30	8.18	0.15	1.94	29.48	-2029.74	-2004.76	4.50	-225.42
16	7	1469	7.53	-0.39	7.00	0.15	1.99	30.29	-2197.65	-2168.66	1.30	-252.50
16	7	1470	6.19	-0.81	5.21	0.17	2.43	38.80	-1944.48	-1905.86	0.18	-274.07
16	7	1471	4.73	-1.39	2.92	0.42	2.79	51.52	-1533.70	-1479.63	-2.55	-287.73
16	7	1472	2.61	-1.51	0.56	0.54	2.06	66.25	-1003.31	-924.52	-12.54	-279.40
16	7	1473	0.91	-1.02	-0.96	0.85	-0.34	85.90	-465.83	-347.81	-32.12	-226.24
16	7	1474	75.79	46.36	46.37	75.78	0.48	605.40	-3196.12	-2150.06	-440.66	1697.76
16	7	1475	13.84	-5.74	-5.39	13.49	2.59	557.31	-168.31	-157.14	546.14	89.34
16	7	1476	5.51	-1.17	2.09	2.25	-3.34	109.62	-60.34	-54.07	103.36	32.03
16	7	1477	7.34	-3.17	6.30	-2.13	-3.14	92.80	-489.99	-489.81	92.62	10.18
16	7	1478	7.55	-0.87	7.52	-0.84	-0.46	65.54	-1047.43	-1044.50	62.62	-57.00
16	7	1479	8.52	-0.11	8.37	3.87e-02	1.12	42.69	-1513.61	-1503.86	32.95	-122.79
16	7	1480	9.07	-0.14	8.76	0.18	1.67	31.63	-1834.56	-1818.56	15.63	-172.04
16	7	1481	8.91	-0.22	8.53	0.15	1.81	28.36	-2002.94	-1981.08	6.49	-209.62
16	7	1482	8.22	-0.41	7.67	0.15	2.12	29.39	-2136.72	-2109.87	2.54	-239.65
16	7	1483	6.89	-0.56	6.18	0.15	2.20	34.23	-2091.82	-2058.51	0.93	-264.00
16	7	1484	5.54	-0.87	4.12	0.56	2.67	44.59	-1757.39	-1712.02	-0.78	-282.30
16	7	1485	3.81	-1.61	1.70	0.50	2.64	59.19	-1279.13	-1213.89	-6.06	-288.21
16	7	1486	0.90	-1.07	-0.35	0.18	0.95	76.02	-728.55	-628.45	-24.09	-265.55
16	7	1487	0.58	-0.84	-0.64	0.37	-0.50	92.77	-271.54	-112.89	-65.88	-180.64
16	7	1488	5.23	2.37	2.44	5.17	-0.42	77.77	-411.10	-300.35	-32.99	-204.64
16	7	1489	-12.37	-52.78	-32.35	-32.80	-20.20	367.51	-3130.51	-2405.15	-357.85	-1418.16
16	7	1490	65.21	19.71	37.48	47.45	22.20	1103.28	-1564.55	1005.44	-1466.72	-501.42
16	7	1491	18.12	-4.51	17.85	-4.24	-2.43	98.24	-489.22	-411.09	20.11	-199.48
16	7	1492	4.77	-0.62	4.72	-0.57	-0.50	49.77	-1290.67	-1244.94	4.04	-243.34
16	7	1493	1.11	-1.25	0.29	-0.44	-1.12	29.83	-1836.50	-1808.44	1.77	-227.11
16	7	1494	-0.24	-8.34	-8.21	-0.37	-1.03	20.21	-2197.78	-2180.32	2.75	-195.96
16	7	1495	-0.84	-12.47	-12.46	-0.86	-0.42	15.63	-2252.84	-2241.75	4.53	-158.25
16	7	1496	-0.83	-16.33	-16.31	-0.85	-0.51	12.94	-2124.15	-2117.78	6.57	-116.49
16	7	1497	-0.83	-19.82	-19.80	-0.85	-0.53	10.68	-1963.63	-1960.92	7.97	-73.08
16	7	1498	-0.87	-24.72	-24.71	-0.87	-0.37	10.93	-1642.47	-1641.78	10.24	-33.75

16	7	1499	-0.97	-30.01	-30.01	-0.97	-3.11e-02	11.04	-1136.13	-1135.92	10.83	-15.69
16	7	1500	-2.60	-42.99	-42.88	-2.71	2.10	20.30	-361.68	-339.81	-1.58	-88.75
16	7	1501	-32.37	-121.55	-115.88	-38.04	21.75	1115.96	-3323.21	1073.70	-3280.95	431.06
16	7	1502	12.60	-3.09	1.60	7.90	-7.18	482.99	119.62	127.37	475.24	-52.49
16	7	1503	20.41	-14.44	19.48	-13.51	-5.62	3191.48	227.86	847.53	2571.81	-1205.18
16	7	1504	7.64	-6.87	5.19	-4.42	-5.44	420.83	-157.49	-156.96	420.30	17.41
16	7	1505	-2.31	-14.31	-6.57	-10.05	5.74	927.43	-58.08	69.73	799.62	-331.09
16	7	1506	1.55	-5.40	1.27	-5.12	-1.37	308.41	-487.17	-486.13	307.37	28.78
16	7	1507	-3.72	-18.70	-16.76	-5.66	5.03	415.14	-436.06	-414.29	393.36	-134.38
16	7	1508	-2.52	-3.41	-2.54	-3.39	0.12	210.90	-804.97	-804.96	210.89	2.52
16	7	1509	-2.31	-18.40	-18.01	-2.70	2.49	224.06	-806.70	-802.42	219.79	-66.26
16	7	1510	-1.64	-4.49	-4.35	-1.78	0.61	141.72	-1091.84	-1090.99	140.87	-32.33
16	7	1511	-1.14	-17.44	-17.36	-1.21	1.09	135.04	-1118.60	-1116.94	133.38	-45.60
16	7	1512	-0.56	-5.07	-4.91	-0.72	0.83	96.69	-1341.68	-1339.09	94.10	-61.02
16	7	1513	-0.61	-16.41	-16.41	-0.62	-8.87e-02	91.31	-1381.32	-1379.55	89.54	-51.03
16	7	1514	-4.46e-02	-5.07	-4.87	-0.24	0.97	72.14	-1554.67	-1549.80	67.27	-88.86
16	7	1515	-0.38	-15.48	-15.48	-0.38	-0.15	64.73	-1600.26	-1597.25	61.73	-70.66
16	7	1516	0.49	-5.13	-4.60	-3.88e-02	1.64	53.97	-1730.64	-1723.07	46.40	-115.97
16	7	1517	-0.29	-14.60	-14.60	-0.29	-4.58e-02	50.03	-1778.72	-1773.45	44.76	-98.05
16	7	1518	0.66	-4.91	-4.28	2.66e-02	1.77	43.45	-1869.30	-1858.65	32.81	-142.30
16	7	1519	-0.25	-13.78	-13.76	-0.27	0.52	42.81	-1918.36	-1909.76	34.21	-129.57
16	7	1520	0.76	-4.69	-3.96	4.05e-02	1.85	38.36	-1970.43	-1956.31	24.24	-167.80
16	7	1521	-0.23	-12.98	-12.95	-0.27	0.71	40.00	-2019.94	-2006.94	27.00	-163.14
16	7	1522	0.88	-4.51	-3.68	4.36e-02	1.92	36.41	-2033.90	-2015.86	18.37	-197.50
16	7	1523	-0.21	-12.19	-12.13	-0.27	0.85	40.81	-2083.84	-2065.32	22.29	-197.50
16	7	1524	1.06	-4.44	-3.42	4.53e-02	2.14	37.15	-2059.64	-2037.13	14.65	-216.07
16	7	1525	-0.20	-11.37	-11.30	-0.27	0.90	43.77	-2110.26	-2085.00	18.50	-231.90
16	7	1526	1.30	-4.46	-3.20	4.27e-02	2.38	38.25	-2166.40	-2140.24	12.09	-238.75
16	7	1527	-0.15	-10.59	-10.47	-0.27	1.11	47.60	-2219.53	-2187.92	15.99	-265.82
16	7	1528	1.66	-3.12	-1.51	4.67e-02	2.26	40.69	-2227.10	-2196.79	10.39	-260.39
16	7	1529	7.09e-02	-9.79	-9.65	-6.70e-02	1.16	53.16	-2282.61	-2243.71	14.26	-298.90
16	7	1530	2.67	-2.48	-2.40e-02	0.21	2.57	46.78	-2120.74	-2083.70	9.74	-280.93
16	7	1531	-4.44e-02	-9.04	-8.85	-0.23	1.28	63.38	-2177.29	-2127.35	13.43	-330.78
16	7	1532	4.67	-1.68	2.73	0.26	2.92	55.43	-1972.95	-1927.50	9.99	-300.19
16	7	1533	0.40	-4.17	-3.56	-0.21	1.55	77.58	-2030.67	-1966.95	13.86	-360.95
16	7	1534	4.86	-2.15	2.47	0.24	3.33	67.73	-1785.04	-1728.82	11.50	-317.83
16	7	1535	2.85	-1.30	1.68	-0.14	1.87	97.70	-1843.45	-1762.30	16.55	-388.51
16	7	1536	5.09	-2.60	2.14	0.35	3.74	85.34	-1559.26	-1488.78	14.86	-333.08
16	7	1537	3.95	-1.32	2.58	5.17e-02	2.31	126.73	-1616.32	-1512.92	23.33	-411.76
16	7	1538	5.32	-2.85	1.58	0.89	4.07	110.53	-1299.53	-1209.86	20.86	-344.09
16	7	1539	5.47	-1.56	3.65	0.26	3.07	169.64	-1349.69	-1218.20	38.15	-427.18
16	7	1540	5.63	-2.75	0.58	2.30	4.10	146.07	-1012.82	-897.75	31.00	-346.57
16	7	1541	7.73	-1.90	4.66	1.17	4.49	235.67	-1032.18	-866.69	70.18	-427.12
16	7	1542	4.99	-2.37	-0.86	3.48	2.97	203.86	-712.33	-552.71	44.24	-347.51
16	7	1543	11.29	-2.54	4.76	3.99	6.91	326.95	-659.12	-462.66	130.49	-393.86
16	7	1544	1.89	-2.50	-2.45	1.84	-0.46	259.21	-406.07	-213.30	66.45	-301.80
16	7	1545	18.32	-3.83	2.07	12.41	9.79	518.67	-194.05	21.88	302.74	-327.52
16	7	1546	-0.20	-6.38	-1.56	-5.02	-2.56	277.53	-99.28	41.94	136.31	-182.40
16	7	1547	18.25	-20.43	-20.05	17.87	-3.81	1267.80	495.50	680.43	1082.86	329.58
16	7	1646	1.12	0.54	0.55	1.12	-5.95e-02	19.14	-9.85	18.90	-9.62	-2.58
16	7	1647	0.43	2.47e-02	0.12	0.34	0.17	5.06	-17.39	2.38	-14.71	-7.28
16	7	1648	6.83	-0.31	6.75	-0.23	-0.77	-14.93	-243.32	-241.67	-16.58	-19.35
16	7	1649	15.31	0.31	15.29	0.33	0.61	-7.95	-748.57	-745.82	-10.71	-45.09
16	7	1650	17.54	0.64	17.47	0.72	1.12	0.69	-1267.04	-1261.75	-4.60	-81.74
16	7	1651	16.95	0.48	16.89	0.55	1.03	5.11	-1665.68	-1658.68	-1.88	-107.88
16	7	1652	16.12	0.38	16.08	0.42	0.71	6.23	-1913.12	-1905.04	-1.85	-124.26
16	7	1653	14.89	0.27	14.83	0.34	0.99	6.72	-2005.64	-1996.79	-2.13	-133.14
16	7	1654	12.72	0.23	12.65	0.30	0.93	7.13	-2175.50	-2166.96	-1.40	-136.22
16	7	1655	9.31	0.24	9.28	0.28	0.59	8.39	-1919.63	-1910.24	-1.00	-134.18
16	7	1656	4.76	-0.14	4.71	-8.46e-02	0.52	10.33	-1503.65	-1493.03	-0.30	-126.39
16	7	1657	-0.31	-5.78	-5.76	-0.33	0.33	12.95	-969.98	-957.83	0.80	-108.59
16	7	1658	7.24e-03	-1.58	-1.58	6.73e-03	2.86e-02	18.64	-431.78	-414.28	1.15	-87.03
16	7	1659	2.05	8.41e-02	2.00	0.13	-0.30	-11.28	-68.47	-67.97	-11.78	-5.32
16	7	1660	11.87	-3.75e-02	11.87	-3.74e-02	-4.01e-02	-12.19	-480.08	-478.05	-14.21	-30.74
16	7	1661	17.14	0.57	17.08	0.64	1.01	-2.79	-1018.15	-1013.95	-6.99	-65.15
16	7	1662	17.33	0.61	17.25	0.68	1.09	4.82	-1484.51	-1478.28	-1.41	-96.12
16	7	1663	16.55	0.44	16.51	0.47	0.79	5.50	-1808.73	-1801.13	-2.10	-117.15
16	7	1664	15.62	0.30	15.55	0.37	1.06	6.34	-1978.75	-1970.26	-2.15	-129.50
16	7	1665	13.94	0.25	13.87	0.32	0.95	7.18	-2113.68	-2105.01	-1.49	-135.34
16	7	1666	11.16	0.26	11.12	0.29	0.62	7.67	-2068.66	-2059.74	-1.25	-135.84
16	7	1667	7.16	-1.84e-02	7.12	2.53e-02	0.56	9.24	-1730.15	-1720.21	-0.71	-131.14
16	7	1668	7.88e-02	-1.13	-0.93	-0.12	0.44	11.80	-1246.54	-1235.13	0.39	-119.28
16	7	1669	-0.48	-4.19	-4.18	-0.50	0.23	16.76	-693.09	-678.04	1.71	-102.24
16	7	1670	0.39	-0.50	-0.47	0.36	0.15	3.81	-189.76	-171.33	-14.62	-56.81
16	30	48	75.53	-31.94	-27.38	70.97	-21.66	2.778e+04	1996.94	9818.35	1.996e+04	-1.185e+04
16	30	50	199.73	-54.70	195.18	-50.15	33.71	1.871e+04	2495.11	1.140e+04	9805.87	8069.12
16	30	1450	6.95	1.33	5.79	2.50	-2.28	207.06	-326.65	113.82	-233.40	-202.66

16	30	1451	4.38	-0.90	3.71	-0.23	-1.75	1.38	-851.03	-849.42	-0.22	-36.94
16	30	1452	1.23	-1.86	0.73	-1.36	-1.14	6.92	-1455.81	-1455.16	6.28	-30.66
16	30	1453	-1.46	-14.28	-14.18	-1.56	-1.11	9.71	-1851.88	-1849.55	7.38	-65.84
16	30	1454	-1.63	-16.60	-16.59	-1.65	-0.49	11.70	-2082.77	-2077.19	6.12	-107.95
16	30	1455	-1.82	-17.67	-17.67	-1.82	-0.15	13.88	-2158.55	-2148.47	3.80	-147.66
16	30	1456	-1.78	-17.43	-17.43	-1.78	0.11	18.52	-2022.37	-2005.71	1.87	-183.61
16	30	1457	-1.28	-4.83	-4.43	-1.68	1.12	25.56	-1802.23	-1776.64	-3.05e-02	-214.77
16	30	1458	16.37	-1.82	16.25	-1.70	1.48	38.01	-1421.85	-1382.16	-1.68	-237.43
16	30	1459	29.02	-1.05	28.71	-0.74	3.03	65.21	-860.87	-796.55	0.88	-235.44
16	30	1460	76.22	-3.04	73.15	2.79e-02	15.29	292.75	-127.08	241.66	-75.98	-137.26
16	30	1461	-1.05	-1.67	-1.41	-1.31	0.31	103.27	-4.26	-2.06	101.07	15.21
16	30	1462	0.23	-3.54	0.12	-3.42	-0.65	25.52	-117.49	-11.20	-80.77	-62.47
16	30	1463	8.20	-1.20	4.35	2.65	-4.62	110.99	-266.19	-265.14	109.94	19.84
16	30	1464	10.88	-1.97	8.95	-4.04e-02	-4.60	85.26	-823.60	-821.86	83.51	-39.80
16	30	1465	12.27	-1.13	11.66	-0.52	-2.79	53.52	-1342.25	-1335.31	46.58	-98.16
16	30	1466	13.48	-0.52	13.32	-0.36	-1.48	35.65	-1728.63	-1714.54	21.56	-157.06
16	30	1467	13.99	-5.98e-02	13.99	-5.95e-02	6.21e-02	28.83	-1965.04	-1944.85	8.64	-199.62
16	30	1468	13.69	-7.19e-02	13.62	1.13e-03	1.00	28.30	-2049.72	-2023.50	2.08	-231.92
16	30	1469	12.86	-0.61	12.19	6.32e-02	2.94	34.09	-1926.49	-1892.10	-0.30	-257.38
16	30	1470	11.21	-1.42	9.73	5.90e-02	4.06	42.10	-1720.31	-1675.59	-2.62	-277.15
16	30	1471	9.05	-2.35	6.34	0.36	4.86	54.13	-1373.37	-1312.27	-6.96	-288.93
16	30	1472	6.22	-1.76	2.25	2.21	3.99	65.72	-906.34	-818.49	-22.13	-278.71
16	30	1473	2.81	1.46e-02	7.20e-02	2.76	-0.40	62.89	-427.34	-308.42	-56.03	-210.13
16	30	1474	55.55	36.60	43.99	48.16	-9.24	912.45	-3317.34	-2033.98	-370.90	1944.56
16	30	1475	-0.17	-6.72	-6.27	-0.63	1.67	496.20	-195.57	-181.71	482.35	96.93
16	30	1476	4.65	-0.19	1.68	2.78	-2.36	106.87	-76.54	-68.08	98.42	38.46
16	30	1477	10.08	-2.09	6.97	1.02	-5.31	98.89	-534.91	-534.90	98.89	-1.11
16	30	1478	11.52	-1.50	10.47	-0.45	-3.55	67.97	-1096.38	-1093.14	64.73	-61.35
16	30	1479	12.95	-0.76	12.61	-0.42	-2.11	43.28	-1553.82	-1543.15	32.62	-130.10
16	30	1480	13.82	-0.25	13.79	-0.21	-0.73	31.19	-1865.79	-1848.57	13.96	-179.94
16	30	1481	13.96	-5.02e-02	13.94	-2.93e-02	0.54	28.39	-2026.33	-2003.20	5.26	-216.78
16	30	1482	13.18	-0.12	13.03	3.19e-02	1.40	31.03	-2005.93	-1975.93	1.03	-245.38
16	30	1483	12.10	-0.98	11.09	2.48e-02	3.49	37.52	-1841.43	-1802.39	-1.51	-268.00
16	30	1484	10.16	-2.10	8.15	-8.87e-02	4.54	47.72	-1563.82	-1511.94	-4.16	-284.46
16	30	1485	7.82	-2.24	4.33	1.24	4.78	60.60	-1151.99	-1079.00	-12.39	-288.41
16	30	1486	4.60	-0.85	0.71	3.04	2.46	67.19	-646.06	-546.93	-31.94	-246.73
16	30	1487	0.93	-0.41	0.29	0.22	-0.67	80.56	-256.02	-103.42	-72.04	-167.55
16	30	1488	-0.65	-12.04	-0.73	-11.96	-0.92	89.68	-388.66	-289.56	-9.42	-193.86
16	30	1489	-50.60	-74.53	-52.98	-72.15	-7.15	-51.04	-3187.78	-2427.81	-811.01	-1343.98
16	30	1490	158.64	56.92	150.29	65.27	27.91	1185.74	-1529.92	1130.33	-1474.50	-383.96
16	30	1491	43.19	0.36	42.43	1.13	5.66	82.04	-469.67	-378.96	-8.67	-204.49
16	30	1492	21.39	-1.89	21.22	-1.72	1.97	48.47	-1158.86	-1108.33	-2.06	-241.78
16	30	1493	12.56	-1.74	12.43	-1.62	1.34	30.82	-1633.58	-1601.84	-0.93	-227.64
16	30	1494	-1.68	-18.53	-18.48	-1.73	0.96	21.59	-1931.30	-1910.62	0.91	-199.91
16	30	1495	-1.81	-17.69	-17.69	-1.81	-1.03e-02	15.90	-2108.46	-2095.38	2.83	-166.15
16	30	1496	-1.66	-17.31	-17.31	-1.66	-0.29	12.51	-2139.81	-2132.14	4.84	-128.24
16	30	1497	-1.59	-15.55	-15.52	-1.61	-0.58	10.77	-1987.04	-1983.25	6.98	-86.97
16	30	1498	-1.24	-6.85	-6.62	-1.48	-1.12	8.08	-1675.81	-1674.56	6.83	-45.97
16	30	1499	2.42	-1.58	1.93	-1.09	-1.31	4.83	-1185.52	-1185.03	4.34	-24.19
16	30	1500	6.51	0.38	5.65	1.25	-2.14	1.29	-428.63	-408.24	-19.11	-91.39
16	30	1501	14.26	-16.72	-6.20	3.74	14.67	429.88	-3440.66	367.41	-3378.18	487.75
16	30	1502	18.30	-2.03	3.09	13.18	-8.83	471.51	84.20	84.97	470.74	-17.16
16	30	1503	33.61	0.66	30.22	4.05	-10.02	3096.99	325.67	884.07	2538.59	-1111.61
16	30	1504	16.23	-4.46	8.39	3.37	-10.04	433.98	-207.94	-207.32	433.36	19.94
16	30	1505	15.04	-4.56	14.91	-4.42	-1.63	889.31	-103.44	-23.77	809.64	-269.72
16	30	1506	13.03	-4.73	9.23	-0.93	-7.28	314.08	-551.63	-551.62	314.07	3.27
16	30	1507	10.39	-2.88	10.08	-2.57	-2.00	408.14	-519.65	-500.76	389.25	-131.03
16	30	1508	11.41	-4.09	8.89	-1.57	-5.71	214.92	-866.55	-865.97	214.34	-25.09
16	30	1509	7.81	-2.24	7.20	-1.62	-2.41	221.30	-870.93	-866.46	216.83	-69.77
16	30	1510	10.11	-3.05	8.42	-1.36	-4.41	143.98	-1143.77	-1142.58	142.80	-39.02
16	30	1511	6.19	-2.42	5.40	-1.62	-2.49	133.27	-1170.55	-1168.38	131.10	-53.11
16	30	1512	9.40	-2.60	8.09	-1.29	-3.74	98.31	-1386.48	-1383.19	95.03	-69.74
16	30	1513	5.05	-2.26	4.21	-1.43	-2.33	86.45	-1424.22	-1421.77	84.00	-60.85
16	30	1514	8.81	-1.92	7.93	-1.03	-2.95	68.91	-1593.58	-1587.64	62.97	-99.17
16	30	1515	4.24	-2.05	3.51	-1.32	-2.01	61.50	-1636.50	-1632.50	57.50	-82.34
16	30	1516	8.39	-1.39	7.88	-0.87	-2.18	51.79	-1764.43	-1755.50	42.86	-127.06
16	30	1517	3.71	-1.77	3.20	-1.26	-1.59	48.05	-1809.67	-1803.04	41.41	-110.82
16	30	1518	8.13	-1.02	7.90	-0.79	-1.44	41.88	-1898.54	-1886.31	29.66	-153.52
16	30	1519	3.40	-1.41	3.22	-1.23	-0.92	41.34	-1944.79	-1934.50	31.06	-142.56
16	30	1520	8.00	-0.77	7.97	-0.75	-0.51	36.79	-1995.55	-1979.74	20.98	-178.58
16	30	1521	3.56	-1.26	3.51	-1.21	-0.46	39.10	-2042.33	-2027.42	24.19	-175.53
16	30	1522	8.09	-0.74	8.08	-0.72	0.37	34.86	-2055.29	-2035.52	15.09	-202.32
16	30	1523	4.06	-1.22	4.04	-1.21	0.27	39.84	-2102.57	-2082.04	19.32	-208.69
16	30	1524	8.32	-0.83	8.21	-0.72	1.02	35.83	-2077.67	-2053.47	11.63	-224.83
16	30	1525	4.90	-1.36	4.80	-1.27	0.78	43.82	-2125.67	-2098.44	16.60	-241.51
16	30	1526	8.64	-1.03	8.37	-0.76	1.59	38.63	-2033.22	-2003.55	8.95	-246.18
16	30	1527	6.02	-1.47	5.81	-1.26	1.23	49.56	-2081.95	-2046.21	13.82	-273.69

16	30	1528	9.20	-2.02	7.94	-0.76	3.55	43.91	-1953.61	-1917.42	7.72	-266.41
16	30	1529	7.67	-1.83	7.08	-1.24	2.31	58.03	-2003.74	-1957.59	11.89	-304.97
16	30	1530	9.43	-2.62	7.62	-0.80	4.31	50.13	-1868.91	-1825.44	6.66	-285.52
16	30	1531	8.75	-2.27	7.72	-1.24	3.21	68.93	-1921.42	-1863.31	10.82	-335.09
16	30	1532	10.35	-3.11	7.99	-0.75	5.11	58.88	-1748.33	-1695.87	6.43	-303.39
16	30	1533	9.89	-2.55	8.62	-1.28	3.77	83.74	-1803.61	-1730.75	10.87	-363.60
16	30	1534	11.22	-3.56	8.31	-0.65	5.88	70.96	-1592.13	-1528.21	7.04	-319.73
16	30	1535	12.10	-2.68	10.64	-1.22	4.41	104.08	-1649.95	-1558.63	12.75	-389.68
16	30	1536	12.07	-3.61	8.41	5.17e-02	6.64	87.65	-1400.69	-1321.64	8.61	-333.77
16	30	1537	14.64	-2.73	12.92	-1.02	5.18	132.76	-1459.12	-1344.37	18.01	-411.70
16	30	1538	12.70	-3.22	7.89	1.59	7.31	110.80	-1174.51	-1074.85	11.14	-343.75
16	30	1539	17.80	-2.44	15.44	-7.90e-02	6.50	174.48	-1226.96	-1082.30	29.81	-426.39
16	30	1540	12.60	-2.65	5.95	3.99	7.56	140.01	-914.78	-785.84	11.07	-345.50
16	30	1541	21.86	-1.71	17.84	2.31	8.87	229.75	-972.69	-794.88	51.93	-426.84
16	30	1542	11.57	-2.45	1.50	7.62	6.30	169.98	-650.64	-491.73	11.07	-324.27
16	30	1543	26.94	-1.75	18.26	6.94	13.18	316.57	-646.04	-436.50	107.03	-397.24
16	30	1544	10.23	-4.08	-3.78	9.93	2.05	187.66	-367.29	-198.55	18.92	-255.28
16	30	1545	32.05	-6.02	7.65	18.38	18.26	461.17	-161.98	54.21	244.97	-296.62
16	30	1546	2.44	-3.81	-2.94	1.57	-2.16	212.69	-123.88	54.55	34.26	-167.97
16	30	1547	25.41	-24.07	-23.98	25.33	2.04	1275.66	466.43	684.22	1057.88	358.90
16	30	1646	-0.37	-1.43	-0.83	-0.97	0.52	11.55	-22.75	11.55	-22.75	-0.27
16	30	1647	-0.27	-1.06	-0.56	-0.77	0.38	10.12	-1.96	4.87	3.30	-5.99
16	30	1648	0.55	0.35	0.36	0.54	-4.49e-02	-12.13	-269.96	-268.23	-13.86	-21.04
16	30	1649	11.21	0.36	11.14	0.43	-0.87	-3.27	-793.74	-789.84	-7.17	-55.40
16	30	1650	18.23	7.57e-02	18.20	9.77e-02	-0.63	1.85	-1310.97	-1305.33	-3.79	-85.90
16	30	1651	22.46	0.37	22.45	0.38	-0.38	4.77	-1701.96	-1694.40	-2.79	-113.35
16	30	1652	24.07	0.51	24.06	0.51	0.26	4.94	-1941.25	-1932.57	-3.73	-129.66
16	30	1653	23.39	0.58	23.38	0.59	0.45	6.38	-2026.58	-2017.18	-3.02	-137.94
16	30	1654	20.59	0.61	20.58	0.62	0.47	7.05	-1901.01	-1890.66	-3.30	-140.20
16	30	1655	17.36	0.55	17.22	0.69	1.54	7.88	-1690.47	-1679.31	-3.28	-137.22
16	30	1656	12.58	-1.07e-02	12.37	0.20	1.63	9.07	-1336.56	-1324.22	-3.27	-128.26
16	30	1657	7.26	8.58e-02	6.91	0.43	1.54	12.01	-865.15	-851.38	-1.77	-109.07
16	30	1658	0.53	-4.72	-4.69	0.50	-0.44	11.99	-370.81	-358.81	-6.01e-03	-66.69
16	30	1659	0.13	-0.94	-0.86	5.34e-02	0.28	-25.39	-82.13	-81.86	-25.67	-3.92
16	30	1660	5.40	0.55	5.28	0.67	-0.75	-6.97	-519.02	-515.71	-10.28	-41.00
16	30	1661	15.04	0.12	15.00	0.17	-0.80	-0.71	-1063.84	-1059.54	-5.01	-67.51
16	30	1662	20.70	0.10	20.69	0.11	-0.47	2.75	-1524.91	-1518.18	-3.98	-101.20
16	30	1663	23.56	0.45	23.56	0.45	0.14	5.60	-1840.85	-1832.67	-2.59	-122.69
16	30	1664	24.00	0.55	24.00	0.56	0.37	6.20	-2003.13	-1994.07	-2.86	-134.65
16	30	1665	22.25	0.60	22.24	0.61	0.48	6.76	-1981.99	-1972.12	-3.11	-139.74
16	30	1666	18.54	0.57	18.42	0.69	1.46	7.43	-1814.12	-1803.40	-3.30	-139.36
16	30	1667	15.77	0.60	15.60	0.77	1.60	8.44	-1530.71	-1519.02	-3.25	-133.64
16	30	1668	9.64	-5.25e-02	9.38	0.21	1.56	9.60	-1111.92	-1098.84	-3.48	-120.42
16	30	1669	1.46	-1.02	-0.12	0.56	1.20	11.76	-610.29	-597.61	-0.91	-87.88
16	30	1670	0.64	-1.92	-1.92	0.64	0.11	4.46	-162.16	-147.96	-9.74	-46.52
16	39	48	73.37	-113.51	-112.59	72.45	-13.07	2.927e+04	2378.88	1.080e+04	2.085e+04	-1.247e+04
16	39	50	141.31	-49.90	137.41	-46.00	27.02	1.868e+04	2504.51	1.150e+04	9688.53	8038.03
16	39	1450	-2.10	-45.39	-43.83	-3.65	8.06	349.30	-307.29	246.74	-204.74	-238.37
16	39	1451	-0.94	-21.38	-21.37	-0.94	0.27	9.94	-830.44	-828.46	7.96	-40.75
16	39	1452	-0.74	-18.38	-18.38	-0.75	-0.29	10.28	-1460.82	-1460.25	9.71	-28.89
16	39	1453	-0.75	-15.62	-15.61	-0.75	-0.34	10.61	-1873.97	-1871.95	8.59	-61.68
16	39	1454	-0.74	-13.96	-13.95	-0.75	-0.38	12.07	-2115.91	-2110.78	6.94	-104.41
16	39	1455	-0.75	-11.56	-11.55	-0.75	-0.32	14.74	-2197.47	-2187.58	4.85	-147.56
16	39	1456	-0.52	-8.44	-8.43	-0.53	-0.22	18.49	-2234.34	-2218.60	2.74	-187.68
16	39	1457	-0.48	-3.74	-3.67	-0.55	-0.48	26.02	-1977.04	-1951.97	0.95	-222.69
16	39	1458	1.34	-0.63	1.33	-0.62	-0.14	40.24	-1545.62	-1505.73	0.35	-248.34
16	39	1459	8.23	-1.35	8.20	-1.32	-0.55	66.76	-908.12	-840.98	-0.38	-246.87
16	39	1460	25.48	-10.18	24.85	-9.55	4.69	306.31	-115.44	250.65	-59.78	-142.75
16	39	1461	2.37	-0.41	-0.41	2.37	-0.15	130.92	-3.05	-1.97	129.84	12.01
16	39	1462	0.43	-0.36	0.40	-0.33	-0.14	21.53	-128.61	-20.21	-86.87	-67.26
16	39	1463	6.76	-2.67	4.07	1.59e-02	-4.26	111.81	-253.96	-252.59	110.44	22.32
16	39	1464	7.35	-1.74	6.81	-1.20	-2.14	84.00	-807.54	-807.02	83.47	-21.63
16	39	1465	7.73	-0.28	7.73	-0.27	-0.11	55.00	-1341.79	-1334.75	47.96	-98.93
16	39	1466	8.32	4.34e-03	8.25	7.38e-02	0.76	37.16	-1742.66	-1728.65	23.16	-157.26
16	39	1467	8.39	-4.76e-02	8.24	0.10	1.12	30.02	-1989.76	-1969.68	9.93	-200.43
16	39	1468	7.96	-0.18	7.65	0.12	1.54	30.15	-2080.44	-2054.18	3.88	-233.98
16	39	1469	7.00	-0.38	6.50	0.13	1.87	32.72	-2124.13	-2092.08	0.67	-260.96
16	39	1470	5.79	-0.84	4.79	0.16	2.37	41.21	-1884.67	-1842.38	-1.08	-282.22
16	39	1471	4.45	-1.44	2.62	0.40	2.73	53.89	-1492.04	-1433.47	-4.68	-295.15
16	39	1472	2.50	-1.41	0.26	0.83	1.93	67.50	-979.33	-894.90	-16.92	-285.05
16	39	1473	1.00	-1.24	-1.05	0.81	-0.62	77.09	-450.99	-333.39	-40.51	-219.71
16	39	1474	67.93	46.74	46.98	67.69	-2.24	768.50	-3213.31	-2106.99	-337.82	1783.60
16	39	1475	9.46	-5.73	-5.41	9.13	2.19	543.64	-186.55	-173.03	530.13	98.41
16	39	1476	4.86	-0.92	1.75	2.18	-2.88	113.16	-70.78	-62.77	105.16	37.53
16	39	1477	7.35	-2.68	5.93	-1.25	-3.50	98.65	-518.42	-518.30	98.52	8.83
16	39	1478	7.46	-0.84	7.31	-0.70	-1.08	68.44	-1088.11	-1084.69	65.03	-62.74
16	39	1479	8.06	-5.25e-02	8.05	-3.89e-02	0.33	44.06	-1560.97	-1550.31	33.40	-130.39

16	39	1480	8.42	-5.19e-03	8.31	0.10	0.96	32.43	-1885.72	-1868.61	15.32	-180.34
16	39	1481	8.23	-0.10	8.02	0.11	1.33	29.29	-2054.67	-2031.58	6.20	-218.16
16	39	1482	7.57	-0.30	7.15	0.12	1.77	30.96	-2123.67	-2094.69	1.98	-248.19
16	39	1483	6.42	-0.57	5.71	0.14	2.12	36.53	-2024.42	-1987.78	-0.11	-272.34
16	39	1484	5.17	-1.04	3.76	0.37	2.61	47.04	-1706.31	-1656.90	-2.38	-290.17
16	39	1485	3.60	-1.59	1.42	0.59	2.56	61.21	-1246.80	-1176.52	-9.06	-294.92
16	39	1486	1.08	-0.97	-0.66	0.78	0.73	73.21	-708.08	-605.45	-29.42	-263.92
16	39	1487	0.52	-1.16	-0.59	-4.96e-02	-0.79	87.35	-264.09	-106.85	-69.89	-174.75
16	39	1488	2.16	0.32	1.58	0.89	-0.85	85.08	-386.82	-285.89	-15.85	-193.50
16	39	1489	-24.98	-60.16	-39.95	-45.20	-17.39	187.89	-3137.61	-2438.67	-511.05	-1354.92
16	39	1490	81.10	31.10	65.99	46.21	22.97	1261.75	-1515.84	1196.88	-1450.96	-419.50
16	39	1491	16.51	-2.84	16.51	-2.84	-0.19	104.29	-473.15	-379.57	10.72	-212.78
16	39	1492	4.03	-0.69	4.03	-0.69	-7.47e-02	52.33	-1258.14	-1207.11	1.30	-253.52
16	39	1493	-0.17	-1.14	-0.74	-0.57	-0.48	31.89	-1783.93	-1752.39	0.35	-237.21
16	39	1494	-0.50	-6.66	-6.62	-0.54	-0.50	21.71	-2126.90	-2106.97	1.78	-205.98
16	39	1495	-0.75	-10.09	-10.08	-0.76	-0.27	16.39	-2237.78	-2225.17	3.78	-168.13
16	39	1496	-0.74	-12.85	-12.84	-0.75	-0.36	13.22	-2176.50	-2169.20	5.92	-126.22
16	39	1497	-0.74	-14.89	-14.88	-0.75	-0.40	11.03	-2015.33	-2011.95	7.65	-82.63
16	39	1498	-0.75	-17.04	-17.03	-0.76	-0.33	10.49	-1690.23	-1689.14	9.41	-42.95
16	39	1499	-0.77	-19.21	-19.21	-0.77	-0.14	9.93	-1178.85	-1178.34	9.42	-24.63
16	39	1500	-1.44	-27.33	-27.25	-1.52	1.40	19.76	-406.27	-381.79	-4.72	-99.15
16	39	1501	-19.60	-89.82	-83.68	-25.75	19.84	868.74	-3343.42	830.32	-3305.01	400.41
16	39	1502	13.82	-2.97	2.17	8.68	-7.74	496.39	104.89	108.28	493.00	-36.27
16	39	1503	25.07	-9.86	23.80	-8.59	-6.55	3168.55	250.16	842.09	2576.62	-1173.50
16	39	1504	9.79	-5.87	6.37	-2.45	-6.48	436.45	-185.16	-184.23	435.51	24.06
16	39	1505	2.65	-10.26	1.10	-8.72	4.19	926.18	-95.42	16.25	814.50	-318.78
16	39	1506	4.65	-4.82	3.81	-3.98	-2.69	317.23	-524.20	-523.56	316.59	23.11
16	39	1507	-2.58	-10.18	-7.98	-4.79	3.45	419.90	-484.63	-462.01	397.29	-141.23
16	39	1508	1.24	-3.15	0.96	-2.86	-1.07	216.29	-845.65	-845.61	216.25	-6.69
16	39	1509	-2.10	-10.04	-9.78	-2.36	1.43	226.95	-849.74	-844.58	221.79	-74.37
16	39	1510	-0.38	-1.79	-0.54	-1.63	-0.45	145.34	-1134.60	-1133.34	144.08	-40.07
16	39	1511	-1.20	-9.91	-9.90	-1.22	0.35	136.65	-1162.14	-1159.87	134.37	-54.31
16	39	1512	-0.76	-1.14	-1.10	-0.80	-0.11	99.26	-1387.00	-1383.74	95.99	-69.56
16	39	1513	-0.72	-9.67	-9.65	-0.73	-0.32	90.84	-1426.86	-1424.48	88.46	-60.08
16	39	1514	-0.36	-1.23	-1.20	-0.39	0.16	72.22	-1602.49	-1596.75	66.48	-97.92
16	39	1515	-0.52	-9.34	-9.33	-0.53	-0.32	64.56	-1648.21	-1644.46	60.82	-80.00
16	39	1516	0.15	-1.47	-1.12	-0.20	0.66	54.34	-1780.53	-1771.93	45.73	-125.36
16	39	1517	-0.44	-8.98	-8.98	-0.44	-0.16	50.21	-1828.82	-1822.64	44.03	-107.61
16	39	1518	0.47	-1.57	-0.98	-0.12	0.93	44.05	-1920.64	-1908.82	32.23	-151.91
16	39	1519	-0.40	-8.58	-8.58	-0.41	0.24	43.15	-1970.01	-1960.32	33.47	-139.30
16	39	1520	0.77	-1.69	-0.83	-9.62e-02	1.17	38.94	-2022.45	-2007.04	23.54	-177.56
16	39	1521	-0.37	-8.15	-8.12	-0.40	0.49	40.59	-2072.35	-2058.10	26.34	-172.98
16	39	1522	1.07	-1.85	-0.70	-8.36e-02	1.43	37.10	-2085.78	-2066.33	17.65	-202.25
16	39	1523	-0.32	-7.67	-7.60	-0.39	0.72	41.43	-2136.15	-2116.21	21.49	-207.42
16	39	1524	1.41	-2.07	-0.58	-7.54e-02	1.72	37.82	-2110.50	-2086.47	13.78	-225.97
16	39	1525	-0.27	-7.14	-7.02	-0.39	0.91	44.63	-2161.56	-2134.71	17.79	-241.87
16	39	1526	1.78	-2.33	-0.48	-7.09e-02	2.04	39.70	-2153.32	-2124.75	11.13	-248.66
16	39	1527	-0.17	-6.58	-6.36	-0.38	1.16	49.42	-2206.12	-2171.87	15.17	-275.84
16	39	1528	2.34	-2.07	0.33	-6.36e-02	2.20	43.15	-2153.56	-2119.78	9.37	-270.28
16	39	1529	3.39e-02	-5.96	-5.64	-0.29	1.35	56.27	-2208.27	-2165.30	13.31	-308.96
16	39	1530	3.12	-2.07	1.03	2.00e-02	2.54	49.50	-2053.67	-2012.68	8.50	-290.76
16	39	1531	0.14	-5.35	-4.86	-0.36	1.57	67.05	-2109.92	-2055.17	12.30	-340.85
16	39	1532	4.33	-1.93	2.34	7.07e-02	2.92	58.42	-1913.85	-1863.88	8.46	-309.92
16	39	1533	0.90	-3.15	-1.92	-0.33	1.86	81.86	-1971.85	-1902.48	12.49	-371.02
16	39	1534	4.64	-2.30	2.21	0.13	3.31	70.93	-1735.12	-1673.68	9.49	-327.40
16	39	1535	2.70	-1.90	1.07	-0.26	2.20	102.57	-1794.48	-1706.68	14.77	-398.55
16	39	1536	4.97	-2.61	1.99	0.38	3.71	88.56	-1519.21	-1442.66	12.00	-342.38
16	39	1537	3.91	-1.87	2.11	-6.84e-02	2.68	132.12	-1577.93	-1466.68	20.87	-421.74
16	39	1538	5.30	-2.75	1.49	1.05	4.02	113.42	-1269.05	-1172.15	16.52	-352.95
16	39	1539	5.60	-1.99	3.31	0.30	3.48	175.39	-1321.25	-1180.32	34.46	-437.10
16	39	1540	5.60	-2.69	0.41	2.50	4.01	147.75	-989.85	-865.75	23.65	-354.65
16	39	1541	8.15	-2.31	4.42	1.42	5.01	240.82	-1015.42	-838.32	63.71	-437.18
16	39	1542	5.33	-2.71	-1.55	4.17	2.82	196.59	-692.29	-527.97	32.27	-345.05
16	39	1543	12.25	-3.24	4.44	4.57	7.75	335.68	-647.32	-434.54	122.90	-404.84
16	39	1544	3.62	-3.71	-3.61	3.52	-0.86	239.13	-388.70	-198.00	48.43	-288.72
16	39	1545	19.98	-6.61	-0.46	13.83	11.22	504.20	-160.49	61.66	282.05	-313.55
16	39	1546	0.27	-6.23	-2.17	-3.79	-3.15	247.87	-91.23	55.80	100.85	-168.05
16	39	1547	17.57	-24.50	-24.34	17.40	-2.62	1284.56	475.13	685.53	1074.16	355.02
16	39	1646	0.42	3.74e-02	7.40e-02	0.39	0.11	14.22	-12.67	14.21	-12.66	-0.39
16	39	1647	0.40	0.14	0.17	0.36	8.53e-02	7.26	-10.94	5.61	-9.29	-5.22
16	39	1648	4.61	-0.12	4.56	-7.35e-02	-0.46	-13.19	-259.93	-258.65	-14.46	-17.71
16	39	1649	12.38	0.27	12.38	0.28	0.29	-4.90	-781.36	-778.18	-8.07	-49.56
16	39	1650	15.39	0.41	15.35	0.44	0.70	2.24	-1310.20	-1304.32	-3.65	-87.71
16	39	1651	15.65	0.32	15.61	0.35	0.71	5.63	-1714.81	-1707.09	-2.09	-115.00
16	39	1652	15.13	0.26	15.10	0.28	0.57	6.68	-1964.71	-1955.87	-2.17	-131.74
16	39	1653	13.91	0.21	13.87	0.25	0.69	7.21	-2056.12	-2046.49	-2.42	-140.66
16	39	1654	11.71	0.19	11.67	0.23	0.64	7.65	-2100.07	-2090.24	-2.18	-143.60

16	39	1655	8.37	0.19	8.34	0.22	0.45	8.69	-1857.22	-1846.47	-2.06	-141.23
16	39	1656	3.95	-3.91e-05	3.91	3.56e-02	0.37	10.23	-1458.67	-1446.59	-1.85	-132.69
16	39	1657	-0.13	-3.08	-3.07	-0.14	0.18	12.15	-942.24	-928.60	-1.49	-113.28
16	39	1658	-9.16e-03	-1.44	-1.43	-1.32e-02	-7.56e-02	15.08	-415.00	-398.97	-0.95	-81.47
16	39	1659	1.02	-4.32e-03	1.02	-1.94e-03	-4.93e-02	-15.07	-76.87	-76.74	-15.20	-2.88
16	39	1660	8.97	9.15e-02	8.97	9.28e-02	-0.11	-9.02	-505.33	-503.24	-11.11	-32.14
16	39	1661	14.47	0.39	14.45	0.42	0.58	-0.66	-1056.75	-1052.09	-5.31	-69.94
16	39	1662	15.66	0.38	15.63	0.42	0.72	5.00	-1531.12	-1524.20	-1.91	-102.81
16	39	1663	15.46	0.29	15.43	0.31	0.60	6.12	-1859.53	-1851.18	-2.22	-124.51
16	39	1664	14.63	0.23	14.59	0.26	0.72	6.89	-2030.23	-2020.97	-2.37	-137.03
16	39	1665	12.94	0.20	12.91	0.23	0.66	7.54	-2099.66	-2089.93	-2.18	-142.81
16	39	1666	10.18	0.20	10.16	0.22	0.48	8.10	-1999.03	-1988.77	-2.15	-143.08
16	39	1667	6.27	6.59e-02	6.24	9.47e-02	0.42	9.38	-1676.12	-1664.76	-1.98	-137.89
16	39	1668	0.37	-0.24	0.13	-3.03e-03	0.30	11.27	-1210.59	-1197.69	-1.63	-124.88
16	39	1669	-0.26	-2.82	-2.82	-0.26	5.35e-02	14.32	-671.12	-655.91	-0.90	-100.99
16	39	1670	0.24	-0.41	-0.41	0.24	5.32e-02	5.59	-180.14	-163.63	-10.92	-52.85
16	62	48	73.09	-58.65	-55.82	70.26	-19.12	2.830e+04	2108.17	1.013e+04	2.027e+04	-1.207e+04
16	62	50	164.90	-55.98	160.78	-51.87	29.86	1.894e+04	2543.61	1.161e+04	9877.49	8154.25
16	62	1450	0.37	-10.49	-10.24	0.12	1.63	250.56	-323.43	146.99	-219.85	-220.73
16	62	1451	-0.16	-3.72	-3.52	-0.36	-0.83	5.35	-861.03	-858.85	3.17	-43.42
16	62	1452	-0.84	-4.90	-4.79	-0.96	-0.68	8.35	-1480.44	-1479.65	7.56	-34.29
16	62	1453	-1.03	-12.04	-12.00	-1.07	-0.67	10.24	-1887.93	-1885.47	7.78	-68.31
16	62	1454	-1.10	-13.02	-13.01	-1.12	-0.36	12.02	-2125.80	-2120.04	6.26	-110.83
16	62	1455	-1.19	-12.87	-12.87	-1.20	-0.17	14.54	-2204.03	-2193.51	4.02	-152.40
16	62	1456	-1.18	-11.59	-11.59	-1.18	-2.69e-04	19.24	-2096.62	-2079.30	1.92	-190.63
16	62	1457	-1.04	-4.02	-3.93	-1.13	0.52	26.81	-1864.34	-1837.45	-7.54e-02	-223.89
16	62	1458	7.91	-1.23	7.85	-1.16	0.77	40.45	-1466.96	-1424.94	-1.57	-248.16
16	62	1459	17.54	-1.01	17.37	-0.85	1.75	70.20	-874.92	-805.41	0.68	-246.72
16	62	1460	54.23	-5.14	52.27	-3.17	10.63	325.52	-116.61	276.28	-67.38	-139.08
16	62	1461	-0.23	-1.19	-1.12	-0.30	0.25	114.08	-5.76	-3.39	111.71	16.69
16	62	1462	0.41	-1.85	0.32	-1.76	-0.46	23.11	-117.94	-14.27	-80.56	-62.25
16	62	1463	7.31	-1.66	3.98	1.68	-4.33	114.78	-269.30	-267.90	113.37	23.17
16	62	1464	9.01	-1.77	7.67	-0.43	-3.55	86.68	-832.53	-831.31	85.47	-33.41
16	62	1465	9.72	-0.70	9.41	-0.40	-1.76	55.06	-1363.61	-1356.24	47.69	-102.00
16	62	1466	10.44	-0.21	10.40	-0.17	-0.67	36.79	-1760.16	-1745.60	22.23	-161.14
16	62	1467	10.66	-5.76e-03	10.65	6.91e-03	0.37	29.90	-2003.29	-1982.57	9.18	-204.20
16	62	1468	10.26	-6.91e-02	10.14	4.98e-02	1.10	29.62	-2090.54	-2063.66	2.74	-237.20
16	62	1469	9.44	-0.48	8.87	9.05e-02	2.30	34.69	-1995.19	-1960.42	-9.08e-02	-263.41
16	62	1470	8.09	-1.11	6.87	0.11	3.13	42.96	-1778.11	-1732.75	-2.41	-283.82
16	62	1471	6.43	-1.87	4.19	0.37	3.68	55.31	-1415.90	-1353.79	-6.80	-295.85
16	62	1472	4.15	-1.53	1.02	1.61	2.82	67.43	-933.43	-844.48	-21.53	-284.81
16	62	1473	1.87	-0.77	-0.59	1.70	-0.66	66.17	-432.71	-314.64	-51.89	-212.04
16	62	1474	58.33	42.19	45.90	54.62	-6.79	915.17	-3269.72	-2051.48	-303.08	1901.08
16	62	1475	2.80	-6.16	-5.81	2.44	1.76	514.89	-199.86	-184.93	499.96	102.21
16	62	1476	4.43	-0.47	1.54	2.42	-2.41	112.03	-78.69	-69.56	102.91	40.70
16	62	1477	8.62	-2.18	6.22	0.22	-4.49	101.61	-540.08	-540.06	101.59	3.58
16	62	1478	9.31	-1.15	8.67	-0.51	-2.51	69.65	-1111.82	-1108.24	66.06	-64.97
16	62	1479	10.12	-0.38	9.99	-0.25	-1.17	44.38	-1580.63	-1569.50	33.25	-134.02
16	62	1480	10.62	-7.98e-02	10.62	-7.76e-02	-0.15	32.26	-1901.17	-1883.45	14.54	-184.24
16	62	1481	10.54	-2.30e-02	10.49	2.91e-02	0.74	29.33	-2066.40	-2042.68	5.61	-221.69
16	62	1482	9.81	-0.14	9.60	7.01e-02	1.44	31.81	-2061.76	-2031.21	1.26	-251.04
16	62	1483	8.80	-0.76	7.96	8.10e-02	2.71	38.27	-1905.38	-1865.84	-1.27	-274.38
16	62	1484	7.28	-1.60	5.61	7.81e-02	3.48	48.71	-1614.34	-1561.63	-4.00	-291.33
16	62	1485	5.44	-1.88	2.63	0.94	3.56	62.07	-1186.49	-1112.32	-12.10	-295.13
16	62	1486	2.79	-0.87	-0.19	2.11	1.42	69.04	-669.02	-566.73	-33.25	-255.02
16	62	1487	0.73	-1.04	-0.17	-0.14	-0.89	81.57	-256.74	-102.29	-72.88	-168.52
16	62	1488	0.26	-7.32	9.42e-02	-7.15	-1.10	90.96	-375.89	-280.51	-4.42	-188.23
16	62	1489	-43.46	-70.08	-49.75	-63.78	-11.31	-13.22	-3163.74	-2450.09	-726.88	-1318.74
16	62	1490	127.67	45.51	118.72	54.46	25.60	1307.17	-1501.86	1259.58	-1454.28	-362.50
16	62	1491	28.33	-0.77	27.88	-0.32	3.60	97.61	-464.46	-363.87	-2.98	-215.45
16	62	1492	11.76	-1.30	11.68	-1.21	1.07	51.97	-1195.73	-1142.13	-1.63	-252.99
16	62	1493	4.93	-1.18	4.86	-1.11	0.66	32.54	-1687.56	-1654.07	-0.94	-237.65
16	62	1494	-1.14	-11.31	-11.29	-1.16	0.42	22.52	-2000.25	-1978.62	0.90	-208.02
16	62	1495	-1.19	-12.36	-12.36	-1.19	-7.97e-02	16.59	-2169.46	-2155.84	2.97	-172.02
16	62	1496	-1.12	-13.09	-13.09	-1.12	-0.25	13.05	-2184.65	-2176.70	5.10	-131.94
16	62	1497	-1.08	-12.65	-12.64	-1.10	-0.41	11.10	-2027.15	-2023.22	7.18	-89.39
16	62	1498	-0.97	-8.45	-8.39	-1.03	-0.68	9.19	-1706.70	-1705.31	7.79	-48.97
16	62	1499	-0.65	-4.22	-4.07	-0.81	-0.73	7.03	-1202.88	-1202.19	6.34	-28.94
16	62	1500	0.41	-4.36	-4.29	0.35	-0.57	10.84	-438.78	-414.93	-13.01	-100.77
16	62	1501	1.89	-40.17	-32.11	-6.17	16.56	540.55	-3397.82	493.85	-3351.13	426.30
16	62	1502	16.43	-2.46	2.87	11.10	-8.51	492.18	87.02	87.94	491.26	-19.34
16	62	1503	31.23	-2.73	28.91	-0.41	-8.57	3123.98	296.31	859.08	2561.21	-1128.99
16	62	1504	13.76	-4.69	7.88	1.18	-8.59	442.98	-209.50	-208.51	441.98	25.44
16	62	1505	11.33	-6.13	11.29	-6.10	0.76	909.12	-118.53	-28.92	819.51	-289.94
16	62	1506	10.01	-4.46	7.56	-2.01	-5.42	320.07	-555.27	-555.13	319.93	11.17
16	62	1507	4.73	-3.34	4.72	-3.33	0.19	416.71	-524.99	-503.72	395.43	-139.94
16	62	1508	7.79	-3.46	6.34	-2.01	-3.77	218.33	-875.40	-875.04	217.97	-19.76

16	62	1509	2.33	-2.02	2.16	-1.85	-0.84	225.73	-880.79	-875.50	220.44	-76.32
16	62	1510	6.45	-2.40	5.48	-1.43	-2.77	146.50	-1159.76	-1158.31	145.05	-43.48
16	62	1511	1.48	-1.99	0.89	-1.40	-1.30	135.88	-1187.36	-1184.80	133.32	-58.14
16	62	1512	5.75	-1.79	5.02	-1.06	-2.22	100.09	-1408.82	-1405.19	96.46	-73.93
16	62	1513	0.99	-1.98	0.12	-1.11	-1.35	88.58	-1447.82	-1445.06	85.83	-65.00
16	62	1514	5.28	-1.21	4.83	-0.75	-1.65	70.74	-1621.56	-1615.26	64.44	-103.02
16	62	1515	0.56	-1.87	-0.35	-0.97	-1.18	63.08	-1666.04	-1661.77	58.81	-85.77
16	62	1516	4.97	-0.80	4.76	-0.59	-1.09	53.35	-1797.21	-1787.91	44.05	-130.82
16	62	1517	0.15	-1.62	-0.57	-0.90	-0.87	49.32	-1844.17	-1837.30	42.44	-113.87
16	62	1518	4.81	-0.56	4.76	-0.50	-0.55	43.35	-1935.17	-1922.56	30.75	-157.41
16	62	1519	-0.29	-1.16	-0.58	-0.86	-0.41	42.50	-1983.23	-1972.71	31.98	-145.64
16	62	1520	4.78	-0.46	4.78	-0.46	8.73e-02	38.25	-2035.04	-2018.79	22.00	-182.84
16	62	1521	-0.40	-0.84	-0.41	-0.84	-4.25e-02	40.21	-2083.67	-2068.47	25.01	-179.02
16	62	1522	4.91	-0.53	4.82	-0.44	0.70	36.42	-2096.59	-2076.28	16.11	-207.12
16	62	1523	0.16	-1.04	-5.14e-02	-0.83	0.45	41.02	-2145.72	-2124.79	20.09	-212.88
16	62	1524	5.14	-0.69	4.88	-0.43	1.21	37.24	-2119.70	-2094.83	12.36	-230.28
16	62	1525	0.90	-1.26	0.48	-0.85	0.85	44.69	-2169.54	-2141.73	16.88	-246.58
16	62	1526	5.42	-0.92	4.94	-0.44	1.67	39.98	-2090.30	-2059.98	9.65	-252.34
16	62	1527	1.77	-1.42	1.20	-0.84	1.23	50.44	-2141.03	-2104.73	14.13	-279.72
16	62	1528	5.95	-1.65	4.74	-0.44	2.79	44.86	-2023.56	-1986.80	8.10	-273.29
16	62	1529	3.03	-1.74	2.11	-0.82	1.88	58.80	-2075.75	-2029.13	12.18	-312.00
16	62	1530	6.26	-2.12	4.58	-0.45	3.35	51.29	-1933.99	-1889.73	7.04	-293.10
16	62	1531	4.06	-2.06	2.82	-0.82	2.46	69.92	-1988.36	-1929.50	11.05	-343.07
16	62	1532	6.89	-2.52	4.77	-0.40	3.93	60.28	-1807.14	-1753.61	6.75	-311.60
16	62	1533	5.12	-2.23	3.71	-0.82	2.89	85.04	-1864.03	-1790.05	11.06	-372.45
16	62	1534	7.51	-2.87	4.91	-0.27	4.50	72.70	-1643.52	-1578.17	7.34	-328.47
16	62	1535	6.74	-2.28	5.21	-0.76	3.38	105.88	-1702.66	-1609.73	12.95	-399.29
16	62	1536	8.13	-2.99	4.90	0.24	5.05	89.91	-1443.99	-1363.07	8.99	-342.88
16	62	1537	8.65	-2.30	6.90	-0.56	4.01	135.29	-1503.42	-1386.45	18.32	-421.91
16	62	1538	8.63	-2.83	4.43	1.38	5.52	113.82	-1209.85	-1107.88	11.85	-352.96
16	62	1539	11.12	-2.20	8.77	0.15	5.08	178.03	-1263.21	-1115.65	30.46	-436.93
16	62	1540	8.72	-2.52	2.90	3.30	5.62	145.20	-943.59	-812.53	14.13	-354.29
16	62	1541	14.49	-2.01	10.54	1.95	7.04	238.41	-987.43	-804.03	55.01	-437.25
16	62	1542	8.28	-2.66	-0.48	6.11	4.37	180.70	-663.09	-498.84	16.46	-334.09
16	62	1543	19.24	-2.61	10.69	5.95	10.67	331.33	-641.28	-421.68	111.72	-406.65
16	62	1544	7.31	-4.28	-4.27	7.30	0.29	205.29	-370.31	-190.75	25.73	-266.67
16	62	1545	26.16	-7.52	2.01	16.62	15.17	477.67	-145.45	77.72	254.50	-298.76
16	62	1546	1.38	-4.95	-2.83	-0.74	-2.99	218.20	-103.95	62.01	52.24	-161.00
16	62	1547	20.85	-26.34	-26.34	20.85	0.12	1289.00	460.70	687.45	1062.25	369.33
16	62	1646	-0.20	-0.98	-0.58	-0.60	0.39	10.65	-18.84	10.63	-18.82	0.75
16	62	1647	3.62e-02	-0.32	-0.14	-0.15	0.18	8.99	-2.89	6.83	-0.73	-4.59
16	62	1648	1.54	0.28	1.53	0.29	-0.11	-11.82	-272.82	-271.51	-13.13	-18.45
16	62	1649	10.34	0.31	10.33	0.32	-0.39	-2.63	-803.19	-799.47	-6.36	-54.46
16	62	1650	15.56	0.14	15.56	0.14	-0.12	2.82	-1331.56	-1325.49	-3.25	-89.82
16	62	1651	18.10	0.26	18.10	0.26	4.50e-02	5.48	-1732.62	-1724.61	-2.53	-117.73
16	62	1652	18.75	0.31	18.74	0.32	0.36	6.09	-1978.68	-1969.54	-3.05	-134.43
16	62	1653	17.78	0.35	17.77	0.36	0.44	7.07	-2066.67	-2056.75	-2.85	-143.06
16	62	1654	15.29	0.36	15.28	0.37	0.42	7.70	-1969.47	-1958.69	-3.08	-145.61
16	62	1655	12.00	0.33	11.94	0.40	0.89	8.53	-1748.20	-1736.51	-3.15	-142.79
16	62	1656	7.49	5.58e-02	7.38	0.16	0.88	9.70	-1379.21	-1366.22	-3.28	-133.68
16	62	1657	2.91	1.16e-02	2.71	0.21	0.73	11.75	-892.47	-877.97	-2.75	-113.58
16	62	1658	0.24	-2.89	-2.87	0.21	-0.30	11.87	-386.06	-372.65	-1.54	-71.83
16	62	1659	7.90e-02	-0.47	-0.34	-4.65e-02	0.23	-21.68	-83.55	-83.48	-21.76	-2.15
16	62	1660	5.85	0.39	5.82	0.42	-0.43	-6.54	-524.11	-521.46	-9.19	-36.93
16	62	1661	13.35	0.18	13.34	0.19	-0.26	0.36	-1078.89	-1074.18	-4.35	-71.19
16	62	1662	17.11	0.14	17.11	0.14	-1.40e-02	4.04	-1550.84	-1543.67	-3.13	-105.36
16	62	1663	18.64	0.29	18.63	0.29	0.30	6.19	-1875.38	-1866.73	-2.46	-127.27
16	62	1664	18.46	0.33	18.45	0.34	0.40	6.84	-2042.43	-2032.88	-2.72	-139.60
16	62	1665	16.73	0.35	16.72	0.37	0.44	7.39	-2037.28	-2026.94	-2.95	-145.02
16	62	1666	13.53	0.35	13.47	0.40	0.87	8.08	-1877.92	-1866.73	-3.12	-144.88
16	62	1667	10.16	0.35	10.08	0.43	0.90	9.08	-1581.25	-1568.97	-3.20	-139.19
16	62	1668	4.95	4.90e-03	4.81	0.14	0.81	10.29	-1146.61	-1132.83	-3.49	-125.52
16	62	1669	0.41	-1.15	-0.97	0.23	0.49	11.90	-631.80	-617.70	-2.20	-94.20
16	62	1670	0.35	-1.08	-1.08	0.35	3.06e-02	5.96	-167.04	-152.52	-8.55	-47.96
16	71	48	73.21	-110.87	-109.89	72.23	-13.40	2.923e+04	2364.55	1.077e+04	2.082e+04	-1.245e+04
16	71	50	140.75	-50.49	136.87	-46.61	26.98	1.872e+04	2511.31	1.152e+04	9709.57	8054.04
16	71	1450	-1.99	-43.70	-42.19	-3.51	7.80	344.21	-308.32	240.89	-204.99	-238.22
16	71	1451	-0.90	-20.41	-20.41	-0.90	0.25	9.85	-833.73	-831.69	7.81	-41.43
16	71	1452	-0.73	-17.65	-17.65	-0.74	-0.29	10.22	-1464.30	-1463.70	9.63	-29.60
16	71	1453	-0.74	-15.18	-15.17	-0.75	-0.33	10.62	-1877.83	-1875.77	8.56	-62.41
16	71	1454	-0.73	-13.64	-13.63	-0.75	-0.37	12.09	-2119.96	-2114.76	6.89	-105.16
16	71	1455	-0.74	-11.33	-11.33	-0.75	-0.31	14.77	-2201.43	-2191.46	4.80	-148.32
16	71	1456	-0.54	-8.29	-8.29	-0.54	-0.21	18.60	-2228.40	-2212.49	2.68	-188.45
16	71	1457	-0.50	-3.72	-3.66	-0.56	-0.44	26.17	-1972.28	-1946.97	0.86	-223.47
16	71	1458	1.28	-0.63	1.27	-0.62	-0.12	40.43	-1542.43	-1502.20	0.20	-249.13
16	71	1459	8.17	-1.31	8.15	-1.29	-0.45	67.40	-906.39	-838.68	-0.31	-247.70
16	71	1460	26.29	-9.91	25.63	-9.25	4.85	310.27	-114.71	255.34	-59.78	-142.58

16	71	1461	2.22	-0.45	-0.45	2.22	-0.12	130.29	-3.36	-2.18	129.11	12.50
16	71	1462	0.44	-0.36	0.41	-0.33	-0.15	21.48	-127.76	-19.94	-86.33	-66.83
16	71	1463	6.74	-2.62	4.03	8.56e-02	-4.25	112.34	-255.46	-254.06	110.94	22.63
16	71	1464	7.35	-1.73	6.79	-1.17	-2.19	84.33	-810.30	-809.75	83.79	-22.15
16	71	1465	7.71	-0.28	7.71	-0.28	-0.17	55.12	-1345.21	-1338.11	48.02	-99.46
16	71	1466	8.28	8.06e-03	8.22	6.67e-02	0.69	37.22	-1746.48	-1732.40	23.13	-157.88
16	71	1467	8.35	-4.06e-02	8.20	0.10	1.08	30.09	-1993.76	-1973.59	9.91	-201.08
16	71	1468	7.91	-0.18	7.62	0.12	1.51	30.20	-2084.35	-2057.99	3.83	-234.64
16	71	1469	6.97	-0.38	6.46	0.13	1.86	32.92	-2118.51	-2086.21	0.62	-261.62
16	71	1470	5.77	-0.84	4.77	0.16	2.37	41.41	-1880.10	-1837.52	-1.17	-282.85
16	71	1471	4.43	-1.44	2.60	0.39	2.72	54.08	-1488.87	-1429.94	-4.85	-295.73
16	71	1472	2.49	-1.41	0.24	0.85	1.92	67.61	-977.52	-892.64	-17.26	-285.49
16	71	1473	1.01	-1.26	-1.06	0.81	-0.64	76.42	-449.86	-332.29	-41.15	-219.21
16	71	1474	67.37	46.74	47.03	67.07	-2.44	781.05	-3214.61	-2103.68	-329.88	1790.18
16	71	1475	9.12	-5.73	-5.41	8.80	2.16	542.62	-187.96	-174.26	528.91	99.11
16	71	1476	4.81	-0.91	1.72	2.18	-2.85	113.44	-71.59	-63.44	105.30	37.95
16	71	1477	7.35	-2.64	5.90	-1.19	-3.53	99.10	-520.61	-520.49	98.97	8.73
16	71	1478	7.46	-0.84	7.30	-0.68	-1.12	68.66	-1091.24	-1087.79	65.21	-63.19
16	71	1479	8.04	-5.39e-02	8.03	-4.48e-02	0.27	44.16	-1564.62	-1553.89	33.43	-130.97
16	71	1480	8.38	5.07e-04	8.28	9.91e-02	0.90	32.50	-1889.67	-1872.47	15.30	-180.98
16	71	1481	8.19	-9.70e-02	7.98	0.11	1.29	29.36	-2058.66	-2035.47	6.17	-218.82
16	71	1482	7.52	-0.29	7.11	0.12	1.75	31.08	-2122.69	-2093.54	1.94	-248.85
16	71	1483	6.39	-0.57	5.68	0.14	2.11	36.72	-2019.28	-1982.37	-0.18	-272.99
16	71	1484	5.15	-1.06	3.73	0.36	2.60	47.24	-2102.42	-1652.68	-2.50	-290.78
16	71	1485	3.59	-1.59	1.40	0.60	2.56	61.38	-1244.34	-1173.67	-9.29	-295.44
16	71	1486	1.11	-0.97	-0.69	0.82	0.71	73.00	-706.53	-603.70	-29.84	-263.80
16	71	1487	0.52	-1.19	-0.59	-8.23e-02	-0.81	86.94	-263.53	-106.38	-70.20	-174.30
16	71	1488	2.05	3.43e-02	1.52	0.56	-0.89	85.66	-384.96	-284.77	-14.53	-192.65
16	71	1489	-25.93	-60.75	-40.53	-46.14	-17.18	174.08	-3138.17	-2441.26	-522.82	-1350.05
16	71	1490	82.63	31.60	68.12	46.12	23.02	1274.32	-1512.41	1211.66	-1449.74	-413.17
16	71	1491	16.40	-2.73	16.40	-2.73	-1.96e-02	104.85	-472.00	-377.15	10.00	-213.82
16	71	1492	3.98	-0.69	3.98	-0.69	-4.30e-02	52.55	-1255.68	-1204.22	1.09	-254.31
16	71	1493	-0.25	-1.14	-0.81	-0.58	-0.43	32.06	-1779.93	-1748.11	0.24	-238.00
16	71	1494	-0.51	-6.54	-6.50	-0.55	-0.46	21.84	-2121.49	-2101.36	1.71	-206.76
16	71	1495	-0.74	-9.90	-9.90	-0.75	-0.26	16.45	-2236.65	-2223.91	3.72	-168.89
16	71	1496	-0.74	-12.58	-12.57	-0.75	-0.35	13.25	-2180.55	-2173.17	5.87	-126.97
16	71	1497	-0.73	-14.51	-14.50	-0.74	-0.39	11.06	-2019.32	-2015.89	7.63	-83.37
16	71	1498	-0.74	-16.45	-16.44	-0.75	-0.33	10.46	-1693.92	-1692.80	9.34	-43.66
16	71	1499	-0.75	-18.39	-18.39	-0.75	-0.14	9.85	-1182.15	-1181.61	9.31	-25.33
16	71	1500	-1.36	-26.14	-26.06	-1.43	1.35	19.73	-409.71	-385.03	-4.95	-99.96
16	71	1501	-18.62	-87.44	-81.24	-24.82	19.70	849.77	-3344.95	811.66	-3306.84	398.02
16	71	1502	13.91	-2.97	2.21	8.74	-7.78	497.51	103.67	106.81	494.37	-35.03
16	71	1503	25.43	-9.52	24.13	-8.22	-6.61	3166.82	251.84	841.66	2577.01	-1171.08
16	71	1504	9.96	-5.80	6.46	-2.30	-6.55	437.66	-187.30	-186.33	436.69	24.57
16	71	1505	3.10	-10.03	1.69	-8.62	4.07	926.18	-98.40	12.13	815.65	-317.85
16	71	1506	4.89	-4.78	4.00	-3.89	-2.79	317.91	-527.05	-526.44	317.30	22.69
16	71	1507	-2.44	-9.59	-7.31	-4.72	3.33	420.27	-488.38	-465.69	397.59	-141.77
16	71	1508	1.53	-3.14	1.22	-2.83	-1.16	216.71	-848.79	-848.74	216.66	-7.40
16	71	1509	-2.08	-9.41	-9.15	-2.34	1.35	227.18	-853.06	-847.82	221.94	-75.00
16	71	1510	-6.89e-02	-1.80	-0.25	-1.62	-0.53	145.62	-1137.89	-1136.60	144.33	-40.68
16	71	1511	-1.21	-9.34	-9.33	-1.22	0.29	136.78	-1165.50	-1163.18	134.45	-54.98
16	71	1512	-0.63	-0.99	-0.81	-0.81	-0.18	99.46	-1390.50	-1387.18	96.14	-70.23
16	71	1513	-0.73	-9.15	-9.14	-0.74	-0.34	90.81	-1430.38	-1427.94	88.37	-60.79
16	71	1514	-0.38	-0.94	-0.93	-0.40	9.71e-02	72.23	-1606.18	-1600.36	66.42	-98.62
16	71	1515	-0.53	-8.88	-8.86	-0.54	-0.33	64.55	-1651.91	-1648.10	60.75	-80.72
16	71	1516	0.14	-1.21	-0.85	-0.21	0.59	54.37	-1784.38	-1775.70	45.68	-126.09
16	71	1517	-0.45	-8.55	-8.55	-0.46	-0.17	50.23	-1832.69	-1826.43	43.97	-108.35
16	71	1518	0.49	-1.35	-0.72	-0.13	0.87	44.10	-1924.60	-1912.69	32.19	-152.66
16	71	1519	-0.42	-8.19	-8.18	-0.42	0.22	43.18	-1973.99	-1964.22	33.41	-140.05
16	71	1520	0.80	-1.50	-0.59	-0.11	1.12	38.99	-2026.47	-2010.96	23.48	-178.31
16	71	1521	-0.38	-7.79	-7.76	-0.41	0.47	40.64	-2076.40	-2062.04	26.29	-173.74
16	71	1522	1.12	-1.68	-0.47	-9.34e-02	1.39	37.16	-2089.78	-2070.22	17.60	-203.02
16	71	1523	-0.33	-7.34	-7.26	-0.40	0.71	41.48	-2140.18	-2120.13	21.43	-208.19
16	71	1524	1.47	-1.92	-0.36	-8.47e-02	1.69	37.87	-2114.43	-2090.27	13.72	-226.73
16	71	1525	-0.27	-6.82	-6.70	-0.40	0.91	44.70	-2165.52	-2138.55	17.73	-242.64
16	71	1526	1.84	-2.19	-0.27	-7.97e-02	2.02	39.82	-2152.34	-2123.58	11.06	-249.42
16	71	1527	-0.16	-6.29	-6.06	-0.39	1.17	49.57	-2205.11	-2170.65	15.10	-276.61
16	71	1528	2.40	-2.01	0.46	-7.21e-02	2.19	43.35	-2147.94	-2113.88	9.29	-271.05
16	71	1529	4.21e-02	-5.69	-5.34	-0.30	1.36	56.53	-2202.59	-2159.30	13.23	-309.73
16	71	1530	3.16	-2.04	1.11	5.91e-03	2.54	49.72	-2048.55	-2007.24	8.41	-291.52
16	71	1531	0.17	-5.10	-4.57	-0.37	1.59	67.35	-2104.78	-2049.65	12.22	-341.63
16	71	1532	4.31	-1.95	2.31	5.66e-02	2.92	58.67	-1909.34	-1859.01	8.34	-310.67
16	71	1533	0.95	-3.09	-1.80	-0.34	1.89	82.21	-1967.36	-1897.54	12.39	-371.79
16	71	1534	4.63	-2.31	2.19	0.13	3.31	71.19	-1731.32	-1669.46	9.33	-328.14
16	71	1535	2.69	-1.94	1.02	-0.27	2.23	102.96	-1790.75	-1702.43	14.64	-399.33
16	71	1536	4.97	-2.61	1.98	0.38	3.70	88.82	-1516.17	-1439.13	11.78	-343.10
16	71	1537	3.91	-1.91	2.08	-7.71e-02	2.70	132.56	-1575.02	-1463.14	20.69	-422.51

16	71	1538	5.30	-2.75	1.49	1.06	4.02	113.66	-1266.75	-1169.27	16.18	-353.64
16	71	1539	5.61	-2.03	3.28	0.30	3.52	175.86	-1319.10	-1177.43	34.18	-437.87
16	71	1540	5.60	-2.69	0.39	2.52	4.00	147.90	-988.13	-863.31	23.08	-355.28
16	71	1541	8.18	-2.34	4.40	1.43	5.05	241.25	-1014.18	-836.15	63.22	-437.96
16	71	1542	5.36	-2.74	-1.60	4.22	2.81	196.05	-690.77	-526.08	31.35	-344.86
16	71	1543	12.32	-3.30	4.41	4.61	7.81	336.40	-646.46	-432.37	122.31	-405.69
16	71	1544	3.75	-3.81	-3.70	3.65	-0.89	237.61	-387.39	-196.83	47.05	-287.73
16	71	1545	20.11	-6.83	-0.66	13.94	11.32	503.16	-157.97	64.73	280.46	-312.47
16	71	1546	0.32	-6.24	-2.22	-3.70	-3.19	245.71	-90.72	56.86	98.12	-166.94
16	71	1547	17.52	-24.82	-24.67	17.37	-2.53	1285.89	473.52	685.92	1073.49	356.98
16	71	1646	0.38	-8.87e-03	3.79e-02	0.33	0.13	13.85	-12.89	13.85	-12.89	-0.23
16	71	1647	0.39	0.15	0.18	0.37	7.90e-02	7.43	-10.45	5.86	-8.87	-5.06
16	71	1648	4.44	-0.10	4.39	-6.17e-02	-0.43	-13.05	-261.21	-259.96	-14.30	-17.58
16	71	1649	12.16	0.27	12.15	0.28	0.27	-4.66	-783.88	-780.68	-7.87	-49.90
16	71	1650	15.22	0.39	15.19	0.42	0.67	2.36	-1313.53	-1307.60	-3.57	-88.17
16	71	1651	15.55	0.30	15.52	0.33	0.68	5.67	-1718.60	-1710.82	-2.11	-115.55
16	71	1652	15.06	0.25	15.04	0.27	0.56	6.71	-1968.69	-1959.79	-2.19	-132.32
16	71	1653	13.84	0.21	13.81	0.24	0.66	7.25	-2060.01	-2050.32	-2.45	-141.24
16	71	1654	11.64	0.19	11.61	0.22	0.62	7.70	-2094.30	-2084.36	-2.24	-144.17
16	71	1655	8.30	0.19	8.28	0.21	0.44	8.72	-1852.45	-1841.59	-2.15	-141.78
16	71	1656	3.89	9.65e-03	3.86	4.39e-02	0.36	10.23	-1455.24	-1443.03	-1.97	-133.17
16	71	1657	-0.12	-2.89	-2.88	-0.13	0.16	12.10	-940.13	-926.37	-1.67	-113.64
16	71	1658	-9.58e-03	-1.43	-1.42	-1.46e-02	-8.38e-02	14.80	-413.72	-397.80	-1.12	-81.04
16	71	1659	0.94	-1.32e-02	0.94	-1.23e-02	-2.99e-02	-15.35	-77.53	-77.41	-15.46	-2.69
16	71	1660	8.75	0.10	8.75	0.10	-0.12	-8.77	-507.28	-505.18	-10.87	-32.24
16	71	1661	14.27	0.38	14.25	0.40	0.55	-0.50	-1059.72	-1055.03	-5.19	-70.31
16	71	1662	15.54	0.37	15.51	0.40	0.69	5.02	-1534.71	-1527.74	-1.95	-103.33
16	71	1663	15.38	0.28	15.36	0.30	0.58	6.17	-1863.44	-1855.04	-2.23	-125.08
16	71	1664	14.56	0.22	14.53	0.25	0.70	6.93	-2034.21	-2024.88	-2.39	-137.61
16	71	1665	12.87	0.20	12.84	0.23	0.64	7.58	-2098.60	-2088.79	-2.23	-143.39
16	71	1666	10.12	0.19	10.09	0.22	0.47	8.14	-1993.70	-1983.34	-2.22	-143.64
16	71	1667	6.21	7.20e-02	6.18	9.97e-02	0.41	9.40	-1671.99	-1660.52	-2.07	-138.41
16	71	1668	0.41	-0.20	0.21	4.79e-03	0.28	11.24	-1207.85	-1194.83	-1.78	-125.32
16	71	1669	-0.24	-2.72	-2.72	-0.24	4.04e-02	14.13	-669.45	-654.22	-1.10	-100.89
16	71	1670	0.23	-0.41	-0.41	0.23	4.58e-02	5.73	-179.41	-163.04	-10.63	-52.55
16	94	48	72.95	-60.65	-57.91	70.21	-18.93	2.833e+04	2116.56	1.016e+04	2.029e+04	-1.209e+04
16	94	50	162.34	-56.07	158.25	-51.99	29.58	1.896e+04	2547.17	1.163e+04	9882.74	8160.56
16	94	1450	0.26	-11.74	-11.43	-5.45e-02	1.92	253.84	-323.17	149.51	-218.83	-222.07
16	94	1451	-0.22	-4.21	-4.06	-0.37	-0.76	5.65	-861.75	-859.53	3.42	-43.89
16	94	1452	-0.83	-5.29	-5.20	-0.93	-0.65	8.46	-1482.29	-1481.49	7.66	-34.55
16	94	1453	-1.00	-11.89	-11.85	-1.04	-0.63	10.28	-1890.64	-1888.17	7.81	-68.49
16	94	1454	-1.07	-12.77	-12.76	-1.08	-0.35	12.05	-2129.04	-2123.27	6.27	-111.04
16	94	1455	-1.15	-12.53	-12.53	-1.15	-0.17	14.59	-2207.46	-2196.91	4.04	-152.76
16	94	1456	-1.13	-11.17	-11.17	-1.13	-7.99e-03	19.29	-2102.26	-2084.90	1.93	-191.15
16	94	1457	-1.01	-3.98	-3.90	-1.09	0.48	26.91	-1869.06	-1842.07	-7.83e-02	-224.57
16	94	1458	7.30	-1.19	7.24	-1.12	0.72	40.64	-1470.39	-1428.20	-1.56	-248.96
16	94	1459	16.70	-1.01	16.54	-0.86	1.66	70.57	-876.00	-806.09	0.66	-247.56
16	94	1460	52.62	-5.29	50.73	-3.41	10.29	327.95	-115.84	278.85	-66.74	-139.22
16	94	1461	-0.16	-1.17	-1.10	-0.22	0.24	114.89	-5.87	-3.48	112.51	16.79
16	94	1462	0.42	-1.73	0.33	-1.63	-0.44	22.93	-117.98	-14.50	-80.55	-62.24
16	94	1463	7.25	-1.69	3.95	1.61	-4.31	115.06	-269.52	-268.09	113.63	23.41
16	94	1464	8.88	-1.76	7.58	-0.46	-3.48	86.79	-833.19	-832.01	85.61	-32.94
16	94	1465	9.54	-0.67	9.25	-0.39	-1.68	55.18	-1365.21	-1357.81	47.77	-102.28
16	94	1466	10.22	-0.19	10.19	-0.16	-0.61	36.88	-1762.54	-1747.93	22.28	-161.44
16	94	1467	10.42	-2.97e-03	10.41	1.16e-02	0.39	29.98	-2006.17	-1985.41	9.22	-204.54
16	94	1468	10.02	-7.03e-02	9.89	5.33e-02	1.11	29.72	-2093.62	-2066.70	2.79	-237.59
16	94	1469	9.19	-0.47	8.64	9.23e-02	2.25	34.73	-2000.42	-1965.61	-7.54e-02	-263.86
16	94	1470	7.87	-1.09	6.66	0.11	3.06	43.02	-1782.51	-1737.10	-2.39	-284.32
16	94	1471	6.24	-1.84	4.03	0.37	3.60	55.40	-1419.14	-1356.95	-6.79	-296.37
16	94	1472	4.01	-1.51	0.93	1.56	2.74	67.55	-935.49	-846.45	-21.48	-285.27
16	94	1473	1.81	-0.82	-0.64	1.62	-0.68	66.43	-433.12	-315.11	-51.58	-212.19
16	94	1474	58.59	42.55	46.04	55.11	-6.61	915.38	-3266.22	-2052.82	-298.02	1897.79
16	94	1475	3.03	-6.13	-5.77	2.67	1.76	516.29	-200.17	-185.16	501.29	102.59
16	94	1476	4.42	-0.49	1.53	2.39	-2.42	112.41	-78.84	-69.67	103.24	40.86
16	94	1477	8.52	-2.19	6.16	0.17	-4.43	101.82	-540.46	-540.43	101.79	3.92
16	94	1478	9.15	-1.12	8.54	-0.51	-2.43	69.77	-1112.97	-1109.36	66.16	-65.23
16	94	1479	9.92	-0.36	9.80	-0.24	-1.10	44.46	-1582.64	-1571.48	33.29	-134.31
16	94	1480	10.39	-6.91e-02	10.39	-6.79e-02	-0.11	32.34	-1903.84	-1886.08	14.58	-184.56
16	94	1481	10.30	-2.22e-02	10.24	3.32e-02	0.75	29.40	-2069.43	-2045.66	5.64	-222.06
16	94	1482	9.57	-0.15	9.36	7.28e-02	1.44	31.87	-2065.99	-2035.41	1.28	-251.46
16	94	1483	8.57	-0.75	7.74	8.48e-02	2.66	38.32	-1910.25	-1870.67	-1.25	-274.85
16	94	1484	7.08	-1.56	5.42	9.01e-02	3.40	48.78	-1618.18	-1565.42	-3.99	-291.84
16	94	1485	5.27	-1.85	2.50	0.91	3.47	62.17	-1189.12	-1114.86	-12.08	-295.64
16	94	1486	2.67	-0.88	-0.26	2.04	1.35	69.19	-670.76	-568.23	-33.35	-255.65
16	94	1487	0.71	-1.09	-0.21	-0.17	-0.90	81.65	-256.80	-102.21	-72.94	-168.59
16	94	1488	0.33	-6.98	0.15	-6.80	-1.12	91.06	-374.94	-279.84	-4.05	-187.81
16	94	1489	-42.86	-69.81	-49.51	-63.16	-11.61	-10.23	-3162.03	-2451.74	-720.52	-1316.88

16	94	1490	125.41	44.65	116.40	53.67	25.43	1316.22	-1499.82	1269.17	-1452.77	-360.93
16	94	1491	27.24	-0.85	26.81	-0.42	3.45	98.79	-464.09	-362.75	-2.55	-216.27
16	94	1492	11.06	-1.25	10.98	-1.17	1.01	52.23	-1198.53	-1144.71	-1.60	-253.83
16	94	1493	4.38	-1.14	4.31	-1.07	0.61	32.67	-1691.67	-1658.05	-0.94	-238.40
16	94	1494	-1.10	-10.79	-10.77	-1.12	0.38	22.59	-2005.49	-1983.79	0.90	-208.63
16	94	1495	-1.15	-11.99	-11.98	-1.15	-8.47e-02	16.64	-2174.08	-2160.42	2.98	-172.46
16	94	1496	-1.08	-12.80	-12.79	-1.09	-0.25	13.09	-2188.02	-2180.05	5.12	-132.21
16	94	1497	-1.05	-12.45	-12.44	-1.06	-0.40	11.13	-2030.16	-2026.23	7.19	-89.57
16	94	1498	-0.94	-8.58	-8.53	-1.00	-0.64	9.27	-1709.02	-1707.61	7.86	-49.19
16	94	1499	-0.67	-4.64	-4.52	-0.79	-0.69	7.20	-1204.18	-1203.47	6.49	-29.28
16	94	1500	0.32	-5.07	-5.03	0.28	-0.45	11.56	-439.50	-415.40	-12.55	-101.45
16	94	1501	1.05	-41.96	-34.02	-6.89	16.69	549.06	-3394.71	503.44	-3349.09	421.70
16	94	1502	16.30	-2.50	2.86	10.95	-8.48	493.73	87.24	88.18	492.79	-19.51
16	94	1503	31.07	-2.99	28.81	-0.73	-8.47	3126.01	294.09	857.21	2562.90	-1130.31
16	94	1504	13.58	-4.71	7.85	1.02	-8.49	443.64	-209.60	-208.58	442.62	25.84
16	94	1505	11.07	-6.27	11.02	-6.22	0.93	910.62	-119.63	-29.26	820.24	-291.44
16	94	1506	9.79	-4.44	7.44	-2.09	-5.29	320.52	-555.52	-555.37	320.36	11.76
16	94	1507	4.34	-3.40	4.32	-3.39	0.35	417.35	-525.36	-503.91	395.89	-140.59
16	94	1508	7.53	-3.42	6.16	-2.04	-3.63	218.58	-876.05	-875.71	218.24	-19.36
16	94	1509	1.92	-2.01	1.78	-1.87	-0.72	226.06	-881.50	-876.15	220.71	-76.79
16	94	1510	6.18	-2.36	5.26	-1.43	-2.65	146.68	-1160.95	-1159.48	145.21	-43.80
16	94	1511	1.14	-1.97	0.56	-1.39	-1.22	136.08	-1188.61	-1186.02	133.49	-58.50
16	94	1512	5.48	-1.73	4.80	-1.04	-2.11	100.22	-1410.50	-1406.84	96.57	-74.23
16	94	1513	0.73	-2.00	-0.18	-1.09	-1.28	88.74	-1449.59	-1446.81	85.97	-65.29
16	94	1514	5.02	-1.16	4.60	-0.73	-1.56	70.87	-1623.66	-1617.34	64.55	-103.30
16	94	1515	0.34	-1.91	-0.63	-0.94	-1.12	63.20	-1668.26	-1663.97	58.91	-86.01
16	94	1516	4.72	-0.76	4.53	-0.57	-1.02	53.46	-1799.67	-1790.35	44.14	-131.09
16	94	1517	-4.31e-02	-1.68	-0.85	-0.87	-0.82	49.41	-1846.77	-1839.88	42.52	-114.09
16	94	1518	4.57	-0.53	4.52	-0.48	-0.48	43.46	-1937.93	-1925.29	30.83	-157.70
16	94	1519	-0.47	-1.23	-0.87	-0.83	-0.38	42.59	-1986.12	-1975.58	32.05	-145.86
16	94	1520	4.55	-0.45	4.55	-0.44	0.13	38.36	-2038.02	-2021.73	22.08	-183.15
16	94	1521	-0.69	-0.81	-0.70	-0.81	-1.31e-02	40.29	-2086.78	-2071.56	25.07	-179.27
16	94	1522	4.69	-0.52	4.58	-0.42	0.72	36.53	-2099.70	-2079.36	16.19	-1702.47
16	94	1523	-5.61e-02	-1.09	-0.35	-0.80	0.47	41.10	-2148.97	-2128.02	20.15	-213.19
16	94	1524	4.91	-0.69	4.63	-0.41	1.22	37.34	-2122.87	-2097.95	12.42	-230.68
16	94	1525	0.66	-1.31	0.17	-0.82	0.86	44.76	-2172.84	-2144.99	16.90	-246.96
16	94	1526	5.19	-0.92	4.69	-0.42	1.68	40.07	-2094.63	-2064.26	9.71	-252.80
16	94	1527	1.51	-1.46	0.86	-0.81	1.22	50.50	-2145.51	-2109.16	14.16	-280.18
16	94	1528	5.72	-1.63	4.50	-0.41	2.73	44.93	-2028.88	-1992.07	8.13	-273.81
16	94	1529	2.73	-1.77	1.75	-0.80	1.85	58.86	-2081.22	-2034.57	12.20	-312.52
16	94	1530	6.03	-2.09	4.36	-0.42	3.28	51.38	-1938.94	-1894.63	7.06	-293.66
16	94	1531	3.74	-2.07	2.46	-0.79	2.41	69.99	-1993.45	-1934.53	11.07	-343.66
16	94	1532	6.64	-2.48	4.53	-0.37	3.85	60.39	-1811.61	-1758.00	6.78	-312.22
16	94	1533	4.79	-2.22	3.36	-0.79	2.83	85.14	-1868.62	-1794.56	11.08	-373.11
16	94	1534	7.25	-2.83	4.66	-0.25	4.40	72.83	-1647.43	-1581.97	7.37	-329.13
16	94	1535	6.36	-2.27	4.81	-0.72	3.31	106.01	-1706.67	-1613.63	12.97	-400.01
16	94	1536	7.85	-2.96	4.64	0.25	4.94	90.08	-1447.28	-1366.23	9.02	-343.57
16	94	1537	8.22	-2.29	6.46	-0.53	3.92	135.48	-1506.79	-1389.65	18.34	-422.67
16	94	1538	8.34	-2.80	4.17	1.37	5.39	114.05	-1212.54	-1110.39	11.91	-353.65
16	94	1539	10.64	-2.20	8.29	0.16	4.97	178.29	-1265.97	-1118.19	30.51	-437.71
16	94	1540	8.44	-2.52	2.67	3.24	5.48	145.59	-945.78	-814.56	14.37	-354.95
16	94	1541	13.97	-2.04	10.00	1.92	6.91	239.06	-988.55	-804.73	55.25	-438.03
16	94	1542	8.05	-2.68	-0.62	6.00	4.23	181.51	-664.04	-499.39	16.86	-334.83
16	94	1543	18.70	-2.69	10.14	5.87	10.48	332.44	-640.94	-420.58	112.08	-407.36
16	94	1544	7.11	-4.31	-4.31	7.11	0.16	206.62	-370.55	-190.18	26.25	-267.53
16	94	1545	25.75	-7.65	1.61	16.49	14.95	478.92	-144.24	79.46	255.22	-298.93
16	94	1546	1.33	-5.06	-2.82	-0.91	-3.05	218.62	-102.46	62.56	53.60	-160.48
16	94	1547	20.53	-26.51	-26.51	20.53	-2.42e-02	1289.99	460.28	687.69	1062.58	370.10
16	94	1646	-0.19	-0.95	-0.56	-0.58	0.38	10.59	-18.56	10.57	-18.53	0.83
16	94	1647	5.97e-02	-0.27	-0.11	-0.10	0.16	8.98	-3.04	6.98	-1.04	-4.48
16	94	1648	1.63	0.26	1.62	0.27	-0.11	-11.79	-273.02	-271.74	-13.07	-18.26
16	94	1649	10.29	0.30	10.27	0.32	-0.36	-2.59	-803.89	-800.18	-6.30	-54.39
16	94	1650	15.38	0.15	15.38	0.15	-8.62e-02	2.89	-1333.11	-1327.00	-3.21	-90.11
16	94	1651	17.80	0.25	17.80	0.25	7.57e-02	5.54	-1734.92	-1726.88	-2.51	-118.05
16	94	1652	18.37	0.30	18.36	0.31	0.36	6.18	-1981.51	-1972.32	-3.00	-134.79
16	94	1653	17.39	0.33	17.38	0.34	0.43	7.12	-2069.69	-2059.74	-2.84	-143.44
16	94	1654	14.92	0.34	14.91	0.35	0.42	7.75	-1974.68	-1963.87	-3.07	-146.01
16	94	1655	11.63	0.32	11.57	0.38	0.84	8.58	-1752.59	-1740.87	-3.15	-143.21
16	94	1656	7.13	6.10e-02	7.03	0.16	0.83	9.75	-1382.46	-1369.42	-3.28	-134.09
16	94	1657	2.60	5.40e-03	2.41	0.19	0.67	11.73	-894.55	-880.00	-2.82	-113.92
16	94	1658	0.22	-2.76	-2.73	0.19	-0.29	11.87	-387.22	-373.69	-1.66	-72.22
16	94	1659	8.00e-02	-0.43	-0.30	-5.33e-02	0.23	-21.40	-83.66	-83.59	-21.46	-2.02
16	94	1660	5.89	0.37	5.86	0.40	-0.41	-6.51	-524.48	-521.87	-9.11	-36.63
16	94	1661	13.24	0.19	13.23	0.19	-0.22	0.44	-1080.01	-1075.27	-4.30	-71.46
16	94	1662	16.86	0.14	16.86	0.14	1.89e-02	4.14	-1552.79	-1545.59	-3.07	-105.67
16	94	1663	18.29	0.28	18.28	0.28	0.31	6.23	-1877.98	-1869.30	-2.45	-127.61
16	94	1664	18.07	0.32	18.06	0.33	0.41	6.88	-2045.39	-2035.80	-2.71	-139.97

16	94	1665	16.34	0.34	16.33	0.35	0.44	7.44	-2041.48	-2031.10	-2.93	-145.42
16	94	1666	13.18	0.33	13.12	0.38	0.83	8.12	-1882.78	-1871.55	-3.11	-145.29
16	94	1667	9.77	0.33	9.69	0.41	0.85	9.13	-1585.10	-1572.78	-3.19	-139.61
16	94	1668	4.61	9.47e-03	4.49	0.14	0.75	10.35	-1149.25	-1135.42	-3.49	-125.90
16	94	1669	0.35	-1.17	-1.03	0.21	0.44	11.91	-633.43	-619.23	-2.29	-94.68
16	94	1670	0.33	-1.02	-1.01	0.33	2.49e-02	6.07	-167.41	-152.87	-8.47	-48.07

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-148.49	-148.15	-72.15	-21.66		-3440.66	-2451.74	-3378.18	-1.269e+04
	199.73		195.18	75.78	33.71	2.984e+04		1.163e+04	2.119e+04	8160.56

Macro	Tipo	Angolo 1-X (gradi)
17	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
17	26	52	33.43	-17.03	11.12	5.28	-25.06	1.384e+04	2815.09	4678.67	1.197e+04	4131.54
17	26	54	138.96	-28.47	138.73	-28.24	-6.21	3.231e+04	2991.88	1.294e+04	2.235e+04	-1.388e+04
17	26	1548	72.85	1.70	66.27	8.29	-20.62	124.95	-338.87	70.67	-284.60	149.09
17	26	1549	13.72	-1.56	12.07	9.84e-02	-4.75	77.32	-1006.57	-952.89	23.64	235.16
17	26	1550	-2.33	-12.23	-11.59	-2.97	-2.43	48.39	-1594.24	-1575.51	29.65	174.42
17	26	1551	-2.93	-26.99	-26.79	-3.14	-2.21	28.55	-1950.14	-1946.94	25.35	79.51
17	26	1552	-3.22	-28.77	-28.59	-3.39	-2.10	19.18	-2133.86	-2133.85	19.17	-5.56
17	26	1553	-3.18	-29.52	-29.38	-3.32	-1.93	15.41	-2160.03	-2158.64	14.02	-55.00
17	26	1554	-3.04	-30.29	-30.16	-3.17	-1.92	10.63	-2029.03	-2025.77	7.38	-81.40
17	26	1555	-3.01	-31.80	-31.79	-3.02	-0.51	6.84	-1680.62	-1676.15	2.37	-86.73
17	26	1556	-2.96	-24.48	-24.48	-2.96	-0.15	3.37	-1192.07	-1189.42	0.71	-56.28
17	26	1557	-1.59	-10.86	-10.54	-1.91	1.69	-15.46	-469.90	-462.99	-22.36	55.59
17	26	1558	28.56	0.71	10.59	18.67	13.33	823.38	-134.88	815.43	-126.93	86.90
17	26	1559	9.41	-2.40	0.15	6.85	4.86	671.72	222.67	353.24	541.15	203.92
17	26	1560	12.74	-1.09	-1.09	12.74	-4.84e-02	187.38	-110.33	-10.99	88.04	140.37
17	26	1561	11.82	-3.66	-0.66	8.82	-6.11	383.37	-553.74	-327.46	157.08	401.06
17	26	1562	11.32	-6.71	0.45	4.16	-8.82	285.92	-1018.49	-917.24	184.67	349.03
17	26	1563	9.65	-7.00	2.74	-8.90e-02	-8.20	203.52	-1454.65	-1416.16	165.03	249.68
17	26	1564	7.15	-6.62	2.70	-2.17	-6.44	155.75	-1785.64	-1760.38	130.50	220.00
17	26	1565	5.33	-5.41	2.02	-2.10	-4.96	108.68	-1959.05	-1951.58	101.21	124.04
17	26	1566	2.25	-2.73	1.38	-1.85	-1.90	88.91	-1995.16	-1993.84	87.60	52.37
17	26	1567	1.88	-2.36	1.03	-1.51	1.70	90.34	-1888.53	-1888.52	90.34	-2.55
17	26	1568	3.84	-3.93	1.18	-1.28	3.69	104.51	-1590.40	-1589.17	103.28	-45.62
17	26	1569	6.30	-5.30	1.52	-0.52	5.71	135.69	-1198.49	-1194.25	131.45	-75.10
17	26	1570	8.73	-6.26	1.48	0.99	7.49	192.09	-655.96	-649.00	185.14	-76.48
17	26	1571	10.23	-6.31	-0.29	4.21	7.96	283.21	-71.98	-70.89	282.12	19.65
17	26	1572	6.00	-8.26	-2.59	0.33	6.98	607.29	-364.90	-296.40	538.78	248.81
17	26	1573	-32.57	-51.87	-35.53	-48.91	-6.95	882.86	-4523.21	-2831.94	-808.42	2506.54
17	26	1574	135.54	69.78	135.42	69.90	2.84	440.58	-4219.65	132.07	-3911.14	1158.68
17	26	1575	30.55	0.76	27.15	4.16	-9.47	75.73	-600.31	-518.85	-5.73	220.08
17	26	1576	5.94	-3.51	4.91	-2.48	-2.95	63.52	-1336.97	-1303.57	30.12	213.69
17	26	1577	-2.88	-26.07	-25.85	-3.11	-2.28	37.04	-1795.77	-1786.80	28.07	127.88
17	26	1578	-2.91	-28.02	-27.77	-3.16	-2.46	22.96	-2062.04	-2061.50	22.43	33.41
17	26	1579	-3.18	-29.23	-29.08	-3.33	-2.00	15.68	-2166.46	-2165.92	15.14	-34.24
17	26	1580	-3.12	-29.64	-29.50	-3.26	-1.91	12.85	-2114.47	-2112.13	10.51	-70.50
17	26	1581	-3.10	-31.05	-31.03	-3.11	-0.64	8.66	-1875.98	-1871.93	4.62	-87.23
17	26	1582	-3.13	-33.08	-33.08	-3.13	-0.29	5.02	-1464.65	-1460.54	0.90	-77.67
17	26	1583	-2.60	-13.96	-13.94	-2.62	0.46	-21.70	-849.06	-848.75	-22.01	-16.01
17	26	1584	4.51	-6.35	-4.17	2.33	4.35	204.84	-168.13	62.96	-26.26	181.07
17	26	1585	22.64	-4.72	15.80	2.12	11.85	1263.73	-1791.28	1239.82	-1767.37	-269.21
17	26	1586	11.21	-4.20	2.98	4.03	7.69	2084.41	42.69	1343.69	783.41	981.67
17	26	1587	9.11	-3.26	-0.97	6.82	4.80	1309.88	371.24	719.50	961.62	453.44
17	26	1588	10.07	-4.09	0.22	5.76	6.51	410.68	175.78	215.91	370.55	88.41
17	26	1589	9.51	-6.51	0.56	2.44	7.96	229.38	-368.60	-364.56	225.34	-48.95
17	26	1590	7.57	-5.86	1.56	0.15	6.68	160.18	-946.67	-940.66	154.17	-81.35
17	26	1591	5.15	-4.48	1.37	-0.70	4.70	117.46	-1412.77	-1410.22	114.90	-62.46
17	26	1592	2.74	-3.11	0.98	-1.36	2.68	95.96	-1756.97	-1756.62	95.61	-25.52
17	26	1593	1.40	-1.89	1.21	-1.70	0.77	87.38	-1959.87	-1959.61	87.11	23.27
17	26	1594	2.86	-3.22	1.65	-2.01	-2.42	96.51	-1994.71	-1991.20	93.00	85.52
17	26	1595	6.15	-5.99	2.38	-2.22	-5.62	129.08	-1889.01	-1874.75	114.83	169.01
17	26	1596	8.11	-7.36	2.87	-2.12	-7.32	179.58	-1639.30	-1607.64	147.91	237.88
17	26	1597	10.99	-6.78	2.42	1.79	-8.88	241.41	-1248.07	-1185.79	179.13	298.14
17	26	1598	11.84	-5.74	-1.13	7.23	-7.73	334.17	-778.18	-619.47	175.46	389.04
17	26	1599	9.44	-2.00	-1.07	8.50	-3.14	455.58	-435.39	-97.86	118.05	432.21
17	26	1600	18.93	-4.15	-4.08	18.85	-1.28	760.22	-148.56	84.32	527.34	396.74

17	26	1601	19.09	-9.82	-7.73	17.00	-7.49	704.12	-407.30	-230.79	527.61	406.23
17	26	1602	14.32	-12.95	-7.27	8.63	-11.07	556.78	-745.38	-625.11	436.51	377.02
17	26	1603	12.30	-9.75	-0.89	3.45	-10.81	421.32	-1043.36	-967.36	345.31	324.89
17	26	1604	11.03	-7.75	3.11	0.16	-9.27	322.27	-1301.21	-1250.12	271.18	283.43
17	26	1605	8.66	-7.31	2.33	-0.98	-7.81	258.85	-1527.77	-1485.23	216.30	272.41
17	26	1606	6.08	-7.75	1.10	-2.77	-6.64	220.77	-1723.55	-1677.57	174.79	295.43
17	26	1607	4.23	-7.50	-0.28	-2.99	-5.71	172.94	-1856.08	-1828.49	145.35	234.97
17	26	1608	2.73	-7.32	-1.66	-2.93	-4.98	137.33	-1955.19	-1940.08	122.22	177.16
17	26	1609	1.54	-7.30	-2.97	-2.79	-4.42	114.47	-2020.70	-2013.33	107.09	125.29
17	26	1610	-0.87	-6.04	-4.16	-2.75	-2.48	100.27	-2051.96	-2048.89	97.19	81.31
17	26	1611	-1.57	-6.26	-5.17	-2.67	-1.98	92.25	-2048.03	-2047.12	91.34	44.01
17	26	1612	-2.53	-5.84	-5.83	-2.53	6.73e-02	90.82	-2008.21	-2008.14	90.76	11.65
17	26	1613	-2.24	-6.39	-6.21	-2.42	0.85	93.77	-1931.98	-1931.85	93.63	-16.56
17	26	1614	-1.66	-6.72	-6.08	-2.30	1.68	100.86	-1794.18	-1793.31	99.99	-40.52
17	26	1615	-0.74	-6.82	-5.42	-2.14	2.56	113.93	-1620.07	-1618.03	111.88	-59.56
17	26	1616	0.38	-7.00	-4.56	-2.06	3.47	134.51	-1432.91	-1429.55	131.14	-72.58
17	26	1617	2.10	-7.00	-3.54	-1.36	4.42	168.17	-1204.06	-1199.68	163.78	-77.47
17	26	1618	3.70	-7.25	-2.46	-1.09	5.43	216.41	-928.21	-923.71	211.91	-71.66
17	26	1619	5.69	-7.39	-1.58	-0.12	6.50	288.64	-593.11	-590.23	285.75	-50.39
17	26	1620	7.57	-7.36	-1.31	1.53	7.33	389.09	-238.39	-238.32	389.02	-6.65
17	26	1621	10.55	-7.01	-3.28	6.82	7.18	550.19	150.63	176.12	524.70	97.64
17	26	1622	14.51	-2.02	-1.14	13.63	3.71	904.50	458.88	648.62	714.75	220.34
17	26	1623	30.95	-29.74	-26.82	28.03	-13.00	3264.07	753.42	1089.89	2927.60	-855.31
17	26	1624	24.27	-20.13	-10.64	14.79	-18.20	1028.00	-119.26	-64.71	973.46	244.14
17	26	1625	21.16	-5.34	10.85	4.97	-12.92	655.77	-684.45	-559.09	530.41	390.25
17	26	1626	14.12	-4.05	8.89	1.18	-8.23	475.96	-1113.06	-980.93	343.82	438.76
17	26	1627	9.10	-4.14	5.49	-0.53	-5.89	358.54	-1408.64	-1297.30	247.20	429.37
17	26	1628	5.17	-5.62	2.32	-2.77	-4.75	273.37	-1633.50	-1550.39	190.27	389.32
17	26	1629	0.65	-7.69	-4.07	-2.97	-4.13	209.42	-1807.82	-1751.33	152.93	332.82
17	26	1630	-1.41	-11.16	-9.46	-3.11	-3.70	163.26	-1940.65	-1905.80	128.41	268.51
17	26	1631	-2.27	-18.20	-17.40	-3.08	-3.49	129.14	-2036.42	-2017.28	110.00	202.65
17	26	1632	-2.50	-18.48	-17.85	-3.13	-3.11	106.22	-2097.18	-2088.09	97.14	141.21
17	26	1633	-2.62	-18.50	-18.15	-2.97	-2.33	91.19	-2123.18	-2119.67	87.68	88.03
17	26	1634	-2.65	-18.61	-18.37	-2.89	-1.97	82.03	-2113.58	-2112.77	81.22	42.10
17	26	1635	-2.84	-18.66	-18.58	-2.92	-1.13	78.10	-2067.61	-2067.60	78.10	1.56
17	26	1636	-2.81	-19.34	-19.31	-2.84	-0.70	76.87	-1984.43	-1983.88	76.32	-33.66
17	26	1637	-2.75	-20.39	-20.39	-2.75	-0.26	80.58	-1837.36	-1835.32	78.54	-62.52
17	26	1638	-2.64	-16.16	-16.15	-2.65	0.42	90.42	-1651.58	-1647.62	86.45	-83.02
17	26	1639	-2.42	-10.94	-10.83	-2.53	0.94	108.49	-1449.31	-1443.87	103.05	-91.88
17	26	1640	-2.07	-9.49	-9.18	-2.38	1.47	137.76	-1197.69	-1192.38	132.45	-84.04
17	26	1641	-1.14	-7.84	-7.03	-1.96	2.19	187.92	-886.81	-884.36	185.47	-51.32
17	26	1642	0.84	-6.20	-4.49	-0.86	3.02	263.69	-499.58	-499.05	263.15	20.16
17	26	1643	2.91	-4.93	-2.36	0.35	3.68	464.68	-111.99	-69.09	421.79	151.31
17	26	1644	-0.20	-14.02	-13.25	-0.96	3.17	907.24	312.36	479.56	740.04	267.41
17	26	1645	13.90	2.56	2.58	13.87	0.49	2565.51	755.10	1580.40	1740.21	901.67
17	26	1683	2.73	0.35	2.56	0.52	-0.62	43.82	-57.75	-13.82	-0.11	50.32
17	26	1684	0.24	1.69e-02	0.10	0.15	0.11	25.92	7.53	23.50	9.95	-6.21
17	26	1685	2.08	0.36	2.06	0.37	-0.17	18.27	-384.33	-379.76	13.69	42.67
17	26	1686	8.84	0.41	8.84	0.41	-0.16	12.24	-835.26	-833.78	10.76	35.37
17	26	1687	16.34	0.41	16.34	0.41	-0.14	11.01	-1266.23	-1265.71	10.50	25.53
17	26	1688	22.55	0.48	22.55	0.48	-7.85e-02	7.60	-1609.81	-1609.66	7.44	15.82
17	26	1689	26.99	0.45	26.91	0.53	1.47	4.05	-1824.73	-1824.71	4.03	-6.47
17	26	1690	29.40	0.53	29.30	0.64	1.75	2.23	-1895.57	-1895.40	2.06	-18.19
17	26	1691	30.02	0.38	29.75	0.66	2.83	3.96	-1818.23	-1818.02	3.75	-19.48
17	26	1692	29.81	0.35	29.48	0.68	3.09	3.28	-1573.74	-1573.64	3.19	-11.99
17	26	1693	29.76	0.36	29.42	0.70	3.13	2.97	-1202.36	-1202.36	2.96	2.66
17	26	1694	13.92	0.22	13.32	0.82	2.82	12.12	-761.84	-761.11	11.40	23.73
17	26	1695	8.08	0.83	7.94	0.96	0.97	22.40	-320.08	-310.96	13.28	55.13
17	26	1696	0.91	-3.83e-02	-3.62e-02	0.91	-4.41e-02	42.62	-138.73	20.87	-116.99	58.91
17	26	1697	5.32	0.14	0.16	5.30	-0.31	75.63	-166.70	17.15	-108.22	103.69
17	26	1710	7.74	-2.39	0.86	4.48	4.73	278.84	70.60	123.06	226.37	90.40
17	26	1711	5.66	-1.13	2.36	2.17	3.39	107.39	-55.85	-3.94	55.49	76.02
17	26	1712	5.23	0.77	5.15	0.85	0.58	38.71	-150.37	-124.54	12.88	64.94
17	26	1713	11.34	0.28	10.72	0.90	2.54	15.45	-532.40	-529.52	12.58	39.60
17	26	1714	22.46	0.29	22.05	0.71	3.02	2.91	-989.66	-989.50	2.75	12.49
17	26	1715	29.97	0.35	29.64	0.68	3.15	3.12	-1391.20	-1391.17	3.10	-5.49
17	26	1716	29.68	0.35	29.38	0.66	2.98	3.49	-1724.55	-1724.39	3.33	-16.71
17	26	1717	29.99	0.41	29.75	0.65	2.66	4.81	-1875.40	-1875.19	4.59	-20.05
17	26	1718	28.45	0.52	28.35	0.61	1.64	2.96	-1878.61	-1878.51	2.86	-13.71
17	26	1719	25.05	0.44	24.98	0.51	1.28	5.42	-1734.67	-1734.67	5.41	3.52
17	26	1720	19.65	0.45	19.65	0.45	-0.15	9.87	-1452.66	-1452.06	9.27	29.61
17	26	1721	12.69	0.42	12.69	0.42	-0.15	11.42	-1057.31	-1056.86	10.97	21.80
17	26	1722	5.12	0.41	5.12	0.41	-0.19	12.61	-608.62	-605.55	9.54	43.54
17	26	1723	0.38	0.32	0.37	0.33	2.55e-02	12.53	-157.64	-151.56	6.45	31.59
17	26	1724	2.84	-7.32e-02	0.99	1.77	-1.40	79.80	-333.59	-156.56	-97.22	204.55
17	26	1725	4.93	-0.62	2.89	1.42	-2.67	63.05	-492.73	-389.93	-39.75	215.79
17	26	1726	6.95	-0.87	4.90	1.19	-3.44	67.57	-702.51	-627.95	-6.99	227.72

17	26	1727	8.82	-0.80	6.98	1.04	-3.78	73.61	-923.21	-868.17	18.57	227.68
17	26	1728	10.60	-0.81	9.06	0.73	-3.90	74.26	-1137.60	-1100.16	36.82	209.68
17	26	1729	12.22	-1.00	11.08	0.14	-3.72	73.74	-1338.90	-1313.54	48.38	187.57
17	26	1730	13.86	-1.00	12.96	-0.10	-3.54	77.29	-1524.23	-1500.64	53.69	192.96
17	26	1731	15.28	-1.07	14.65	-0.43	-3.16	72.32	-1674.14	-1656.07	54.25	176.71
17	26	1732	16.35	-0.70	16.08	-0.43	-2.13	63.89	-1789.01	-1777.04	51.92	148.45
17	26	1733	17.39	-0.68	17.23	-0.51	-1.73	57.09	-1869.91	-1862.10	49.28	122.41
17	26	1734	18.06	-0.45	18.05	-0.44	-0.42	50.93	-1915.51	-1910.49	45.90	99.24
17	26	1735	18.58	-3.34e-02	18.58	-3.33e-02	-3.55e-02	46.37	-1925.08	-1921.91	43.19	79.02
17	26	1736	18.97	-6.77e-02	18.83	6.98e-02	1.61	45.17	-1898.24	-1896.29	43.22	61.54
17	26	1737	19.05	-0.13	18.81	0.11	2.15	43.32	-1834.94	-1833.79	42.17	46.44
17	26	1738	18.93	-0.24	18.55	0.15	2.69	42.12	-1735.51	-1734.88	41.49	33.52
17	26	1739	18.67	-0.24	18.11	0.33	3.21	43.46	-1579.04	-1578.72	43.14	22.72
17	26	1740	18.76	-0.35	18.01	0.40	3.70	42.75	-1390.60	-1390.46	42.60	14.26
17	26	1741	18.92	-0.25	17.98	0.70	4.15	41.60	-1195.28	-1195.21	41.54	8.83
17	26	1742	18.80	-0.19	17.64	0.96	4.54	39.91	-974.87	-974.81	39.85	7.76
17	26	1743	14.50	-0.45	12.76	1.29	4.80	38.16	-737.85	-737.63	37.94	12.96
17	26	1744	10.18	-1.38	7.15	1.66	5.09	38.89	-498.54	-496.85	37.21	30.02
17	26	1745	8.98	-1.48	5.50	1.99	4.93	50.01	-280.34	-270.77	40.44	55.41
17	26	1746	7.59	-1.53	3.87	2.19	4.48	85.95	-145.67	-110.39	50.67	83.23
17	26	1747	6.46	-1.28	0.30	4.87	-3.12	225.68	-439.74	-138.50	-75.55	331.22
17	26	1748	7.69	-2.23	1.71	3.76	-4.85	171.39	-548.78	-366.56	-10.83	313.09
17	26	1749	9.27	-2.38	3.31	3.58	-5.82	155.45	-744.89	-621.06	31.61	310.10
17	26	1750	10.04	-3.01	4.28	2.75	-6.48	147.75	-966.80	-882.81	63.76	294.22
17	26	1751	10.46	-3.70	5.24	1.52	-6.83	137.49	-1184.54	-1132.00	84.95	258.26
17	26	1752	10.60	-3.93	6.22	0.45	-6.67	128.46	-1388.21	-1355.13	95.37	221.54
17	26	1753	10.49	-4.10	7.10	-0.71	-6.16	120.30	-1568.81	-1545.52	97.01	196.98
17	26	1754	10.43	-3.88	7.80	-1.25	-5.54	113.76	-1721.84	-1700.57	92.49	196.42
17	26	1755	10.41	-3.29	8.37	-1.25	-4.88	98.03	-1831.43	-1818.71	85.31	156.12
17	26	1756	10.43	-2.80	8.81	-1.17	-4.34	85.49	-1907.17	-1899.90	78.23	120.11
17	26	1757	9.43	-1.40	9.10	-1.07	-1.85	76.40	-1947.94	-1944.05	72.50	88.74
17	26	1758	9.48	-1.08	9.31	-0.91	-1.33	70.76	-1953.06	-1951.19	68.89	61.50
17	26	1759	9.53	-0.91	9.38	-0.76	1.23	68.56	-1922.11	-1921.40	67.85	37.56
17	26	1760	9.78	-1.04	9.36	-0.62	2.09	69.12	-1854.96	-1854.82	68.98	16.37
17	26	1761	10.04	-1.37	9.20	-0.53	2.98	71.12	-1728.21	-1728.20	71.12	-2.51
17	26	1762	10.35	-1.57	8.93	-0.14	3.87	76.65	-1590.55	-1590.33	76.43	-19.22
17	26	1763	10.68	-1.95	8.54	0.20	4.74	80.69	-1396.24	-1395.48	79.94	-33.49
17	26	1764	11.02	-2.50	8.08	0.44	5.58	85.73	-1192.59	-1191.04	84.18	-44.45
17	26	1765	11.48	-2.91	7.73	0.84	6.32	91.79	-958.95	-956.56	89.39	-50.12
17	26	1766	10.72	-3.65	5.62	1.45	6.87	99.13	-700.84	-698.11	96.39	-46.68
17	26	1767	10.44	-4.00	4.21	2.23	7.15	109.13	-429.20	-428.10	108.03	-24.34
17	26	1768	10.26	-4.75	2.42	3.09	7.50	130.69	-203.26	-202.34	129.77	17.48
17	26	1769	9.32	-3.77	1.63	3.92	6.44	180.17	-45.80	-17.79	152.16	74.46
17	26	1797	7.35	-1.96	0.21	5.19	3.93	427.33	63.94	161.60	329.67	161.09
17	26	1798	4.71	-1.74	-0.36	3.34	2.65	535.63	4.28	94.66	445.24	199.64
17	26	1804	54.34	-2.57	-2.33	54.09	-3.74	2895.73	8.51	9.04	2895.20	39.06
17	26	1805	12.63	-24.66	-24.62	12.58	1.24	3184.23	-477.21	-308.94	3015.96	766.68
17	26	1806	7.82	-2.11	-1.94	7.64	-1.31	1064.15	-30.91	-20.03	1053.27	108.60
17	26	1807	9.68	-2.10	-0.30	7.88	4.23	930.44	155.69	351.14	734.99	336.49
17	26	1809	-2.68	-15.31	-14.12	-3.87	-3.70	3040.05	-146.67	-131.67	3025.06	218.11
17	26	1810	32.30	0.95	1.21	32.04	2.86	3061.41	-56.09	-36.12	3041.44	248.71
17	26	1811	14.01	-1.57	-1.42	13.86	-1.50	1953.01	-56.89	-36.85	1932.98	199.67
17	26	1812	7.41	-2.26	-0.68	5.83	3.57	1119.35	9.71	181.52	947.54	401.41
17	26	1815	11.19	-2.33	0.80	8.06	5.70	1814.69	248.06	667.47	1395.28	693.66
17	26	1816	12.74	-1.78	1.61	9.35	6.14	2083.39	-43.13	270.08	1770.17	753.63
17	26	1818	12.93	1.20	10.20	3.94	4.96	3914.83	192.61	908.95	3198.48	1467.40
17	26	1819	22.22	1.17	8.92	14.47	10.15	3389.62	-296.14	44.10	3049.38	1066.90
17	26	1822	-1.99e-02	-1.63	-0.58	-1.07	-0.76	-1.13	-26.78	-3.98	-23.93	-8.05
17	26	1823	0.92	-0.70	0.41	-0.19	-0.75	55.20	-32.35	37.87	-15.03	34.88
17	26	1826	2.70	-1.50	-1.00	2.20	-1.36	510.70	-14.89	-9.76	505.57	51.65
17	26	1827	0.13	-1.79	-0.79	-0.87	-0.96	179.01	-8.09	-5.02	175.95	23.74
17	26	1828	2.88e-02	-1.65	-0.76	-0.86	-0.84	56.64	-28.16	45.86	-17.39	28.24
17	26	1831	4.29	-0.96	1.06	2.26	2.56	170.64	-16.59	62.58	91.47	92.49
17	26	1832	2.11	-1.05	-3.18e-02	1.10	1.48	208.01	-15.92	47.88	144.20	101.08
17	27	52	-16.09	-89.93	-71.20	-34.82	-32.13	1.465e+04	3665.07	5481.63	1.284e+04	4081.77
17	27	54	88.35	-167.99	-165.12	85.48	-26.97	3.532e+04	3595.73	1.502e+04	2.389e+04	-1.523e+04
17	27	1548	-21.42	-105.70	-100.16	-26.96	20.88	431.65	-197.52	387.28	-153.15	-161.08
17	27	1549	-2.47	-48.19	-48.07	-2.59	2.31	53.67	-1095.65	-1093.17	51.18	53.37
17	27	1550	0.70	-25.91	-25.90	0.69	-0.55	48.97	-1872.44	-1870.69	47.22	58.05
17	27	1551	0.88	-14.02	-13.94	0.80	-1.11	38.83	-2342.83	-2342.72	38.73	15.69
17	27	1552	1.14	-15.55	-15.43	1.01	-1.46	28.58	-2588.31	-2587.57	27.84	-44.02
17	27	1553	1.09	-17.21	-17.04	0.92	-1.77	21.23	-2631.27	-2625.49	15.45	-123.70
17	27	1554	0.95	-17.52	-17.34	0.77	-1.81	21.87	-2475.48	-2459.70	6.09	-197.85
17	27	1555	1.23	-15.91	-15.31	0.63	-3.16	27.37	-2161.93	-2133.29	-1.27	-248.76
17	27	1556	1.16	-21.57	-21.06	0.65	-3.36	39.16	-1553.28	-1510.13	-4.00	-258.57
17	27	1557	0.74	-34.92	-34.14	-3.29e-02	-5.19	91.21	-581.25	-526.28	36.24	-184.24
17	27	1558	-1.05	-73.00	-67.86	-6.20	-18.54	1170.02	-126.85	1025.42	17.76	408.20

17	27	1559	16.72	-16.50	7.14	-6.93	15.05	848.40	264.90	414.64	698.67	254.85
17	27	1560	6.75	1.75	1.75	6.75	-6.36e-02	330.57	-88.36	-4.07	246.28	167.95
17	27	1561	5.03	-4.17	2.46	-1.59	-4.13	508.05	-591.76	-353.65	269.93	452.97
17	27	1562	1.63	-5.41	1.45	-5.24	-1.10	385.24	-1147.14	-1010.53	248.63	436.67
17	27	1563	-2.32	-3.08	-2.47	-2.93	0.30	250.91	-1669.78	-1607.21	188.34	340.98
17	27	1564	-0.45	-3.74	-3.72	-0.47	0.25	155.27	-2045.46	-2032.62	142.43	167.61
17	27	1565	0.16	-3.68	-3.66	0.14	0.32	120.98	-2278.88	-2276.35	118.46	77.83
17	27	1566	0.76	-3.60	-3.25	0.40	-1.19	105.49	-2335.67	-2335.58	105.40	-14.78
17	27	1567	2.32	-4.96	-3.00	0.36	-3.23	107.17	-2214.12	-2209.72	102.77	-100.92
17	27	1568	2.43	-5.51	-3.14	5.06e-02	-3.64	138.54	-1961.12	-1946.88	124.30	-172.32
17	27	1569	1.67	-6.37	-3.01	-1.69	-3.96	210.69	-1482.07	-1453.10	181.72	-219.54
17	27	1570	0.72	-7.63	-0.89	-6.02	-3.29	329.17	-843.93	-802.24	287.48	-217.18
17	27	1571	5.75	-12.75	5.51	-12.51	2.09	475.21	-31.59	-10.81	454.43	-100.50
17	27	1572	37.62	3.92	4.93	36.62	-5.74	807.91	-297.35	-210.18	720.74	297.91
17	27	1573	89.93	41.01	42.71	88.24	8.94	1372.33	-4004.95	-2786.53	153.91	2251.06
17	27	1574	-27.11	-148.60	-147.95	-27.77	8.92	1461.55	-3782.70	1408.75	-3729.90	523.55
17	27	1575	-7.19	-64.27	-63.26	-8.21	7.54	42.54	-481.60	-481.28	42.22	-12.99
17	27	1576	0.19	-41.32	-41.32	0.19	0.19	51.84	-1532.82	-1530.02	49.04	66.61
17	27	1577	0.86	-13.22	-13.17	0.80	-0.88	44.03	-2138.42	-2137.71	43.31	39.38
17	27	1578	0.86	-14.73	-14.67	0.80	-0.99	33.40	-2491.72	-2491.67	33.35	-11.56
17	27	1579	1.09	-16.44	-16.29	0.94	-1.64	25.59	-2634.53	-2631.96	23.01	-82.71
17	27	1580	1.04	-17.82	-17.64	0.86	-1.83	20.90	-2578.48	-2568.24	10.66	-162.84
17	27	1581	1.25	-16.98	-16.44	0.72	-3.07	23.99	-2346.83	-2324.87	2.04	-227.08
17	27	1582	1.50	-14.06	-13.33	0.77	-3.30	32.48	-1890.48	-1854.53	-3.47	-260.48
17	27	1583	0.88	-31.31	-30.82	0.40	-3.91	71.28	-1138.14	-1089.85	22.99	-236.80
17	27	1584	-1.20	-44.46	-42.80	-2.86	-8.32	206.09	18.39	164.65	59.82	-77.85
17	27	1585	-71.53	-129.90	-123.80	-77.63	-17.85	1965.07	-1615.10	1959.92	-1609.94	135.79
17	27	1586	-12.66	-34.05	-20.81	-25.90	10.39	2563.12	377.74	1569.86	1370.99	1088.16
17	27	1587	14.01	-25.19	4.87	-16.05	16.58	1593.25	462.20	823.90	1231.55	527.51
17	27	1588	10.38	-15.63	7.27	-12.52	8.44	581.34	259.41	277.78	562.97	74.67
17	27	1589	2.29	-9.65	2.09	-9.45	-1.53	401.75	-441.84	-401.85	361.76	-179.27
17	27	1590	1.04	-6.85	-2.31	-3.50	-3.90	264.87	-1180.83	-1144.11	228.15	-227.48
17	27	1591	1.99	-6.03	-3.20	-0.85	-3.83	168.83	-1742.92	-1721.78	147.69	-199.91
17	27	1592	2.41	-5.15	-2.97	0.24	-3.42	118.31	-2110.43	-2101.74	109.62	-138.90
17	27	1593	2.20	-4.91	-3.14	0.43	-3.08	103.79	-2297.21	-2295.75	102.32	-59.25
17	27	1594	0.82	-3.92	-3.44	0.34	-1.44	110.54	-2329.52	-2329.11	110.13	31.41
17	27	1595	-5.79e-02	-3.79	-3.78	-6.98e-02	0.21	134.54	-2184.00	-2177.44	127.98	123.18
17	27	1596	-0.78	-3.38	-3.34	-0.81	0.31	192.89	-1873.10	-1842.47	162.25	249.69
17	27	1597	-1.30	-4.36	-1.30	-4.36	-1.05e-02	313.95	-1422.99	-1327.92	218.88	395.08
17	27	1598	4.37	-6.09	3.44	-5.15	-2.98	453.93	-859.33	-673.53	268.12	457.70
17	27	1599	8.19	-1.32	1.69	5.18	-4.43	558.73	-442.01	-111.50	228.21	470.66
17	27	1600	8.76	-6.37	1.65	0.73	-7.55	967.31	-47.18	138.95	781.17	392.67
17	27	1601	7.46	-8.45	6.93	-7.92	-2.85	914.34	-454.67	-246.84	706.51	491.26
17	27	1602	4.33	-7.32	4.06	-7.05	1.74	730.25	-848.14	-663.57	545.68	507.20
17	27	1603	-2.24	-8.01	-4.69	-5.56	2.85	549.12	-1200.80	-1059.83	408.15	476.25
17	27	1604	-2.88	-11.77	-11.16	-3.49	2.25	407.14	-1507.38	-1408.22	307.98	424.28
17	27	1605	-2.36	-12.65	-12.47	-2.53	1.34	295.89	-1759.25	-1702.26	238.90	337.45
17	27	1606	-0.54	-12.91	-12.89	-0.56	0.55	214.60	-1965.02	-1943.92	193.49	213.42
17	27	1607	-4.98e-02	-12.79	-12.79	-4.98e-02	-7.11e-03	174.30	-2149.14	-2136.41	161.58	171.50
17	27	1608	0.20	-12.43	-12.42	0.19	-0.31	147.70	-2287.07	-2280.38	141.01	127.46
17	27	1609	0.32	-11.92	-11.91	0.31	-0.38	127.69	-2378.99	-2376.45	125.15	79.75
17	27	1610	0.74	-11.58	-11.33	0.48	-1.75	114.18	-2425.19	-2424.89	113.88	27.89
17	27	1611	0.82	-11.03	-10.80	0.59	-1.64	107.31	-2426.06	-2425.80	107.05	-25.63
17	27	1612	1.38	-11.26	-10.48	0.60	-3.04	105.76	-2381.68	-2379.24	103.32	-77.88
17	27	1613	1.44	-11.18	-10.34	0.59	-3.15	112.18	-2291.90	-2285.19	105.48	-126.77
17	27	1614	1.42	-11.51	-10.59	0.50	-3.32	128.41	-2180.81	-2168.11	115.71	-170.78
17	27	1615	1.29	-12.26	-11.23	0.27	-3.58	155.79	-2021.73	-2001.60	135.66	-208.41
17	27	1616	1.11	-13.10	-11.91	-8.81e-02	-3.95	198.06	-1789.15	-1760.32	169.23	-237.63
17	27	1617	0.20	-14.10	-12.50	-1.41	-4.52	256.79	-1507.42	-1469.48	218.84	-255.93
17	27	1618	-0.54	-15.07	-12.69	-2.92	-5.38	340.07	-1174.33	-1128.68	294.42	-258.94
17	27	1619	-1.95	-16.06	-11.82	-6.19	-6.47	450.04	-790.03	-741.50	401.51	-240.46
17	27	1620	-3.17	-17.36	-8.68	-11.85	-6.92	594.66	-300.12	-259.15	553.69	-187.02
17	27	1621	-0.86	-22.88	-1.72	-22.02	-4.26	772.77	261.22	273.99	760.00	-79.81
17	27	1622	4.89	-30.64	4.10	-29.86	5.22	1160.99	587.50	770.59	977.91	267.35
17	27	1623	21.67	-7.26	21.61	-7.21	1.23	3563.78	738.36	1120.85	3181.29	-966.64
17	27	1624	4.85	-8.91	-0.16	-3.90	6.62	1114.90	71.47	71.75	1114.61	-17.33
17	27	1625	-3.28	-27.71	-25.20	-5.79	7.41	629.15	-644.74	-615.38	599.79	191.16
17	27	1626	-3.24	-27.91	-27.22	-3.93	4.07	431.32	-1135.85	-1089.31	384.78	266.02
17	27	1627	-2.40	-26.75	-26.62	-2.53	1.76	319.56	-1531.17	-1485.97	274.37	285.65
17	27	1628	-0.24	-25.56	-25.55	-0.24	0.36	248.12	-1842.77	-1806.42	211.78	273.26
17	27	1629	8.56e-02	-20.90	-20.89	7.55e-02	-0.46	199.57	-2088.41	-2062.33	173.49	242.88
17	27	1630	0.39	-17.05	-17.00	0.34	-0.95	163.20	-2277.80	-2260.96	146.36	202.03
17	27	1631	0.53	-10.50	-10.39	0.42	-1.09	136.67	-2415.72	-2406.38	127.33	154.06
17	27	1632	0.71	-11.22	-11.08	0.57	-1.28	115.77	-2504.46	-2500.71	112.03	99.01
17	27	1633	0.76	-12.00	-11.75	0.50	-1.79	100.63	-2545.55	-2545.03	100.11	37.08
17	27	1634	0.76	-12.54	-12.29	0.51	-1.81	91.33	-2540.18	-2539.89	91.04	-27.67
17	27	1635	0.98	-12.99	-12.62	0.61	-2.25	87.74	-2488.62	-2485.42	84.54	-90.76

17	27	1636	0.98	-12.61	-12.23	0.60	-2.25	92.66	-2390.45	-2381.44	83.64	-149.31
17	27	1637	0.98	-11.70	-11.27	0.56	-2.27	105.00	-2269.93	-2252.81	87.88	-200.92
17	27	1638	0.86	-15.85	-15.44	0.46	-2.56	126.11	-2097.89	-2071.04	99.25	-242.92
17	27	1639	0.64	-20.90	-20.53	0.27	-2.78	158.50	-1845.75	-1808.23	120.98	-271.66
17	27	1640	0.37	-22.34	-21.87	-9.66e-02	-3.23	206.20	-1534.74	-1487.91	159.37	-281.68
17	27	1641	-0.24	-24.52	-23.71	-1.05	-4.34	272.59	-1155.97	-1105.19	221.82	-264.50
17	27	1642	-1.73	-27.77	-26.04	-3.46	-6.50	382.55	-698.77	-657.56	341.34	-207.04
17	27	1643	-3.84	-32.24	-27.70	-8.38	-10.41	544.69	-82.68	-70.85	532.86	-85.34
17	27	1644	0.70	-34.43	-12.48	-21.24	-17.01	1084.04	503.32	670.63	916.73	263.00
17	27	1645	-10.31	-45.44	-12.25	-43.50	-8.02	2843.03	958.83	1791.40	2010.46	935.71
17	27	1683	13.32	-0.55	12.89	-0.12	2.41	27.08	-62.36	-34.04	-1.24	41.61
17	27	1684	-2.64e-02	-0.46	-0.23	-0.26	0.22	12.63	-4.29	12.35	-4.01	2.16
17	27	1685	0.23	-0.47	0.11	-0.35	0.26	19.29	-432.33	-424.05	11.01	60.58
17	27	1686	3.36	-0.31	3.22	-0.18	0.69	20.95	-934.95	-930.47	16.47	65.26
17	27	1687	6.93	-0.35	6.61	-2.74e-02	1.50	15.40	-1423.49	-1422.91	14.83	28.78
17	27	1688	9.41	-0.52	8.92	-3.24e-02	2.15	14.10	-1825.35	-1825.08	13.83	-22.31
17	27	1689	10.65	-0.17	10.54	-6.10e-02	1.09	13.98	-2085.22	-2083.84	12.61	-53.70
17	27	1690	12.25	-0.25	12.15	-0.15	1.13	13.18	-2176.82	-2174.04	10.40	-78.00
17	27	1691	14.15	-0.16	14.14	-0.16	0.25	9.34	-2091.96	-2087.93	5.32	-91.88
17	27	1692	15.48	-0.16	15.48	-0.16	8.13e-02	7.95	-1856.45	-1851.78	3.27	-93.25
17	27	1693	14.95	-0.14	14.95	-0.14	3.22e-02	6.00	-1463.62	-1459.23	1.61	-80.23
17	27	1694	27.54	-0.18	27.54	-0.18	0.20	-4.97	-944.78	-941.95	-7.81	-51.53
17	27	1695	23.89	-0.39	23.78	-0.28	1.67	-9.59	-426.73	-426.06	-10.26	-16.71
17	27	1696	0.13	-0.41	-5.29e-02	-0.23	0.26	48.51	-135.09	11.60	-98.17	73.59
17	27	1697	2.05	-0.14	-0.11	2.03	0.24	119.42	-139.37	10.35	-30.31	127.79
17	27	1710	15.91	-10.12	7.72	-1.94	12.09	409.93	87.91	162.61	335.23	135.92
17	27	1711	13.49	-4.81	8.86	-0.18	7.95	164.14	-32.05	34.05	98.04	92.73
17	27	1712	19.32	-0.39	19.17	-0.24	1.72	-10.99	-214.66	-214.53	-11.11	4.99
17	27	1713	26.47	-0.22	26.47	-0.22	0.33	-7.31	-676.99	-675.12	-9.18	-35.30
17	27	1714	21.08	-0.12	21.08	-0.12	9.09e-02	5.00	-1212.01	-1208.21	1.20	-67.89
17	27	1715	15.29	-0.15	15.29	-0.15	3.36e-02	6.96	-1688.67	-1684.02	2.31	-88.66
17	27	1716	15.23	-0.15	15.23	-0.15	0.16	8.81	-1984.15	-1979.68	4.35	-94.24
17	27	1717	13.11	-0.17	13.10	-0.16	0.33	9.52	-2156.47	-2153.02	6.07	-86.38
17	27	1718	11.41	-0.24	11.31	-0.13	1.10	13.67	-2152.88	-2150.81	11.59	-66.99
17	27	1719	9.88	-0.16	9.76	-4.70e-02	1.05	14.28	-1975.24	-1974.49	13.53	-38.63
17	27	1720	8.33	-0.45	7.90	-2.51e-02	1.89	14.21	-1639.35	-1639.33	14.19	-5.51
17	27	1721	5.24	-0.32	5.01	-9.26e-02	1.09	18.58	-1186.34	-1183.42	15.66	59.23
17	27	1722	1.55	-0.38	1.47	-0.29	0.39	23.49	-680.94	-674.74	17.29	65.82
17	27	1723	-9.79e-02	-0.64	-0.41	-0.33	0.27	15.56	-183.33	-173.24	5.47	43.65
17	27	1724	1.16	-0.47	0.30	0.38	-0.81	106.17	-353.85	-175.46	-72.22	224.14
17	27	1725	2.28	-1.24	1.06	-1.49e-02	-1.68	90.26	-543.03	-430.53	-22.24	242.05
17	27	1726	3.17	-1.95	2.02	-0.79	-2.14	96.26	-779.96	-695.34	11.64	258.82
17	27	1727	3.79	-2.19	2.97	-1.37	-2.06	98.11	-1030.30	-965.83	33.64	261.89
17	27	1728	4.24	-1.83	3.83	-1.42	-1.52	97.94	-1280.44	-1230.60	48.10	257.32
17	27	1729	4.69	-1.07	4.54	-0.92	-0.92	92.29	-1513.65	-1477.71	56.35	237.53
17	27	1730	5.12	-0.61	5.12	-0.60	-0.18	78.49	-1715.24	-1697.28	60.53	178.59
17	27	1731	5.64	-0.14	5.62	-0.13	0.33	71.70	-1892.24	-1882.76	62.22	136.13
17	27	1732	6.09	2.89e-02	6.09	3.18e-02	0.13	67.64	-2034.75	-2029.48	62.38	105.12
17	27	1733	6.60	0.24	6.56	0.27	0.46	63.10	-2136.95	-2134.45	60.59	74.16
17	27	1734	7.11	0.32	7.10	0.33	-0.20	59.65	-2196.76	-2195.90	58.79	44.18
17	27	1735	7.69	3.14e-02	7.69	3.14e-02	-5.63e-03	56.58	-2213.00	-2212.89	56.47	15.88
17	27	1736	8.45	-0.13	8.30	2.10e-02	-1.12	52.11	-2185.16	-2185.11	52.06	-10.19
17	27	1737	9.09	-9.78e-02	8.93	5.37e-02	-1.17	50.10	-2113.33	-2112.82	49.58	-33.53
17	27	1738	9.72	-8.45e-02	9.56	7.07e-02	-1.22	48.94	-1998.29	-1996.88	47.53	-53.71
17	27	1739	10.25	-0.23	10.10	-7.79e-02	-1.24	46.24	-1863.37	-1860.79	43.66	-70.17
17	27	1740	10.12	-0.29	9.99	-0.16	-1.15	45.95	-1687.90	-1684.01	42.05	-82.08
17	27	1741	9.54	-0.59	9.46	-0.51	-0.87	45.71	-1454.45	-1449.24	40.51	-88.17
17	27	1742	8.81	-0.89	8.80	-0.88	-0.28	44.97	-1193.42	-1187.31	38.87	-86.75
17	27	1743	12.17	-1.37	12.12	-1.32	0.77	43.43	-915.67	-909.65	37.40	-75.79
17	27	1744	15.76	-2.00	15.49	-1.73	2.16	42.26	-637.03	-632.19	37.42	-57.13
17	27	1745	15.12	-2.92	14.08	-1.88	4.21	43.34	-377.38	-375.72	41.68	-26.41
17	27	1746	14.35	-3.96	11.84	-1.45	6.30	56.49	-136.56	-135.19	55.12	16.16
17	27	1747	3.66	-0.86	0.65	2.16	-2.13	288.39	-448.40	-153.52	-6.50	360.99
17	27	1748	4.22	-2.25	1.34	0.63	-3.22	237.25	-597.44	-402.64	42.44	353.06
17	27	1749	3.72	-4.00	1.73	-2.01	-3.38	220.93	-825.13	-684.69	80.49	356.63
17	27	1750	3.36	-4.30	2.26	-3.20	-2.69	203.66	-1081.17	-980.35	102.84	345.49
17	27	1751	2.85	-3.53	2.40	-3.08	-1.64	184.92	-1340.68	-1267.48	111.72	326.05
17	27	1752	2.39	-2.54	2.25	-2.40	-0.82	161.11	-1579.40	-1529.90	111.61	289.31
17	27	1753	2.11	-1.24	2.08	-1.21	-0.28	136.01	-1786.50	-1757.94	107.45	232.58
17	27	1754	2.04	-0.44	2.03	-0.44	0.11	113.78	-1957.23	-1946.21	102.75	150.70
17	27	1755	2.17	-0.23	2.09	-0.15	0.42	103.94	-2098.01	-2092.38	98.31	111.12
17	27	1756	2.48	-0.19	2.24	5.08e-02	0.76	96.23	-2196.80	-2194.56	93.99	71.60
17	27	1757	2.79	-0.12	2.47	0.20	-0.90	90.48	-2252.29	-2251.84	90.03	32.57
17	27	1758	2.87	8.32e-02	2.71	0.24	-0.64	86.57	-2263.74	-2263.72	86.55	-5.23
17	27	1759	4.43	-1.19	2.99	0.25	-2.45	84.37	-2230.83	-2230.11	83.64	-40.93
17	27	1760	4.73	-1.25	3.26	0.22	-2.58	84.55	-2153.67	-2151.22	82.11	-73.94
17	27	1761	5.06	-1.34	3.54	0.18	-2.72	88.42	-2056.20	-2051.17	83.40	-103.69

17	27	1762	5.29	-1.70	3.85	-0.25	-2.83	94.10	-1891.31	-1882.83	85.62	-129.48
17	27	1763	5.46	-2.04	4.18	-0.77	-2.82	106.43	-1707.39	-1694.86	93.89	-150.25
17	27	1764	5.51	-2.36	4.54	-1.39	-2.59	122.93	-1462.26	-1445.07	105.74	-164.18
17	27	1765	5.29	-2.89	4.80	-2.39	-1.95	142.75	-1184.90	-1163.22	121.08	-168.25
17	27	1766	6.89	-3.82	6.85	-3.78	-0.64	164.59	-884.36	-859.97	140.20	-158.09
17	27	1767	8.34	-5.43	8.16	-5.25	1.55	187.93	-575.94	-552.30	164.29	-132.28
17	27	1768	10.65	-7.18	9.58	-6.11	4.23	212.50	-247.15	-232.33	197.67	-81.20
17	27	1769	13.09	-9.15	9.28	-5.35	8.37	265.19	29.14	29.18	265.15	-2.96
17	27	1797	16.46	-7.98	4.87	3.61	12.20	537.62	80.30	191.30	426.63	196.06
17	27	1798	16.87	-2.97	1.78	12.12	8.46	640.13	13.84	111.72	542.26	227.42
17	27	1804	126.01	-0.29	-0.14	125.86	4.35	3271.54	29.27	33.41	3267.40	115.68
17	27	1805	8.13	-30.25	-30.21	8.09	-1.23	3697.00	-552.71	-439.89	3584.18	683.16
17	27	1806	36.68	1.63	1.72	36.59	1.76	1248.38	-20.04	-3.18	1231.52	145.26
17	27	1807	22.24	-12.23	5.32	4.69	17.23	1101.44	191.74	399.61	893.57	381.95
17	27	1809	27.22	-18.89	-18.17	26.50	5.71	3460.27	-172.43	-146.37	3434.21	306.56
17	27	1810	102.71	8.04e-02	9.97e-02	102.69	1.41	3419.68	-76.58	-48.63	3391.73	311.38
17	27	1811	67.90	1.21	1.30	67.81	2.47	2239.04	-43.60	-14.91	2210.34	254.30
17	27	1812	29.26	-3.41	2.32	23.53	12.43	1299.92	28.77	208.27	1120.41	442.67
17	27	1815	23.00	-15.85	2.73	4.42	19.40	2103.96	313.18	741.04	1676.10	763.64
17	27	1816	41.90	-4.91	0.35	36.64	14.78	2370.31	-11.99	314.44	2043.89	819.20
17	27	1818	3.62	-19.43	-15.74	-7.29e-02	8.46	4359.79	323.79	1090.93	3592.64	1583.57
17	27	1819	45.83	-6.34	-4.38	43.87	9.92	3776.12	-278.05	76.66	3421.41	1145.53
17	27	1822	0.42	1.83e-05	0.15	0.27	0.20	7.07	-0.59	6.82	-0.35	1.36
17	27	1823	6.72	-0.25	6.21	0.26	1.81	107.84	-29.09	70.89	7.86	60.78
17	27	1826	16.53	0.57	0.74	16.37	1.62	615.44	-8.24	0.87	606.33	74.83
17	27	1827	3.89	0.24	0.49	3.64	0.93	228.32	-3.15	3.19	221.99	37.78
17	27	1828	1.93	0.13	1.42	0.64	0.81	87.43	-18.07	64.36	5.00	43.61
17	27	1831	11.08	-4.05	5.50	1.54	7.30	236.92	-11.24	88.83	136.85	121.73
17	27	1832	7.76	-1.18	2.26	4.31	4.35	261.61	-10.78	62.04	188.79	120.55
17	58	52	18.92	-35.28	-10.90	-5.46	-26.96	1.405e+04	3040.57	4891.61	1.220e+04	4118.24
17	58	54	60.24	-0.45	57.89	1.91	-11.72	3.310e+04	3155.10	1.349e+04	2.276e+04	-1.423e+04
17	58	1548	25.45	-4.54	21.98	-1.08	-9.58	164.73	-260.66	153.95	-249.88	66.86
17	58	1549	1.04	-5.61	-3.96	-0.61	-2.87	64.03	-1023.33	-990.20	30.89	186.91
17	58	1550	-1.72	-15.62	-15.35	-1.99	-1.93	46.39	-1665.80	-1653.69	34.29	143.48
17	58	1551	-1.91	-23.45	-23.28	-2.08	-1.91	30.77	-2053.59	-2051.72	28.89	62.46
17	58	1552	-2.05	-25.19	-25.03	-2.21	-1.92	21.58	-2254.08	-2253.97	21.47	-15.93
17	58	1553	-2.04	-26.20	-26.05	-2.19	-1.88	16.74	-2284.59	-2282.25	14.40	-73.31
17	58	1554	-1.98	-26.84	-26.69	-2.12	-1.89	12.89	-2146.54	-2140.69	7.03	-112.31
17	58	1555	-1.99	-27.39	-27.34	-2.04	-1.21	10.70	-1806.31	-1797.01	1.40	-129.70
17	58	1556	-1.95	-23.64	-23.59	-2.00	-1.00	8.86	-1283.67	-1274.26	-0.55	-109.90
17	58	1557	-1.40	-16.94	-16.94	-1.41	-0.14	-6.73	-479.71	-479.58	-6.86	-7.96
17	58	1558	13.03	-11.42	-10.44	12.04	4.81	901.30	-118.55	871.44	-88.68	171.94
17	58	1559	10.18	-5.01	2.00	3.17	7.57	718.42	234.07	369.65	582.85	217.45
17	58	1560	11.08	-0.33	-0.33	11.08	-4.41e-02	223.76	-103.01	-9.17	129.91	147.85
17	58	1561	9.39	-3.18	0.17	6.04	-5.56	416.37	-563.83	-334.48	187.02	414.98
17	58	1562	7.95	-5.59	0.71	1.66	-6.75	312.19	-1052.54	-941.98	201.63	372.36
17	58	1563	6.28	-5.78	1.34	-0.84	-5.93	215.81	-1511.33	-1466.71	171.20	273.99
17	58	1564	4.48	-5.20	0.99	-1.71	-4.65	154.98	-1853.73	-1832.39	133.64	205.91
17	58	1565	3.19	-4.18	0.51	-1.50	-3.54	111.57	-2043.29	-2037.50	105.78	111.57
17	58	1566	1.30	-2.40	0.15	-1.25	-1.71	92.86	-2084.81	-2084.27	92.32	34.41
17	58	1567	8.24e-02	-1.14	-4.35e-02	-1.01	0.37	94.03	-1973.93	-1973.53	93.63	-28.73
17	58	1568	1.33	-2.23	2.26e-02	-0.92	1.72	112.32	-1687.11	-1683.61	108.82	-79.27
17	58	1569	2.90	-3.43	0.30	-0.84	3.12	153.80	-1271.70	-1262.61	144.72	-113.44
17	58	1570	4.66	-4.71	0.84	-0.89	4.61	226.31	-703.74	-689.60	212.17	-113.81
17	58	1571	6.91	-5.93	1.25	-0.27	6.38	328.03	-55.09	-54.70	327.64	-12.23
17	58	1572	11.03	-1.71	-0.59	9.92	3.60	660.32	-347.17	-273.67	586.82	262.01
17	58	1573	-10.70	-16.57	-14.76	-12.51	-2.71	1003.27	-4376.07	-2819.52	-553.29	2439.34
17	58	1574	61.20	42.76	60.04	43.92	4.47	684.35	-4079.11	468.66	-3863.42	990.40
17	58	1575	7.04	-3.10	3.07	0.87	-4.95	51.56	-553.83	-509.18	6.91	158.23
17	58	1576	-1.06	-8.11	-7.41	-1.76	-2.11	56.58	-1385.08	-1363.61	35.11	174.63
17	58	1577	-1.89	-22.55	-22.37	-2.06	-1.90	37.77	-1885.38	-1879.71	32.10	104.31
17	58	1578	-1.91	-24.40	-24.21	-2.10	-2.06	25.53	-2175.59	-2175.38	25.32	21.32
17	58	1579	-2.04	-25.78	-25.62	-2.19	-1.90	18.20	-2290.27	-2289.31	17.24	-47.23
17	58	1580	-2.02	-26.45	-26.30	-2.16	-1.88	14.57	-2236.92	-2232.90	10.55	-95.04
17	58	1581	-2.03	-27.15	-27.09	-2.09	-1.28	11.64	-1999.49	-1991.77	3.93	-124.33
17	58	1582	-2.04	-27.81	-27.76	-2.09	-1.09	9.84	-1574.82	-1564.72	-0.27	-126.14
17	58	1583	-1.79	-18.57	-18.54	-1.81	-0.70	-3.99	-918.72	-912.61	-10.11	-74.52
17	58	1584	1.00	-14.65	-14.59	0.94	0.97	165.26	-78.46	90.30	-3.50	112.47
17	58	1585	-16.31	-24.48	-21.57	-19.22	3.91	1439.42	-1734.06	1431.13	-1725.76	-162.02
17	58	1586	4.68	-12.06	-3.40	-3.98	8.36	2207.72	135.03	1403.81	938.94	1009.94
17	58	1587	8.55	-7.28	0.57	0.70	7.91	1384.31	396.00	747.32	1033.00	473.06
17	58	1588	8.52	-5.57	2.09	0.87	7.02	453.85	200.05	232.52	421.38	84.77
17	58	1589	5.59	-5.38	0.95	-0.74	5.41	272.17	-385.12	-374.33	261.38	-83.53
17	58	1590	3.75	-4.06	0.52	-0.83	3.85	185.93	-1006.66	-994.43	173.70	-120.13
17	58	1591	2.15	-2.75	0.14	-0.74	2.41	129.59	-1498.52	-1492.48	123.55	-98.95
17	58	1592	0.62	-1.63	-7.35e-02	-0.93	1.04	100.89	-1849.42	-1847.83	99.30	-55.66
17	58	1593	0.11	-1.19	5.45e-02	-1.13	-0.27	91.15	-2048.56	-2048.56	91.15	1.27

17	58	1594	1.78	-2.87	0.30	-1.39	-2.17	99.86	-2082.92	-2080.60	97.54	70.99
17	58	1595	3.78	-4.68	0.74	-1.64	-4.06	130.08	-1966.60	-1954.83	118.31	156.64
17	58	1596	5.21	-5.76	1.21	-1.77	-5.28	183.04	-1701.11	-1669.77	151.70	240.98
17	58	1597	7.33	-5.75	1.42	0.16	-6.51	260.39	-1294.14	-1223.42	189.67	323.94
17	58	1598	8.73	-4.72	8.44e-02	3.93	-6.45	366.00	-799.82	-633.86	200.04	407.35
17	58	1599	8.88	-1.64	-0.33	7.58	-3.47	482.59	-436.84	-101.52	147.27	442.56
17	58	1600	14.53	-3.07	-2.56	14.02	-2.95	813.79	-120.51	98.63	594.64	395.88
17	58	1601	12.72	-6.19	-3.83	10.37	-6.24	759.94	-420.08	-235.19	575.06	428.93
17	58	1602	8.91	-8.69	-4.24	4.46	-7.65	602.34	-772.33	-635.45	465.45	411.62
17	58	1603	6.89	-7.74	-1.90	1.05	-7.17	454.14	-1084.09	-991.91	361.96	365.10
17	58	1604	5.45	-6.95	-0.69	-0.81	-6.20	343.85	-1354.93	-1291.99	280.92	320.85
17	58	1605	3.87	-6.88	-1.61	-1.39	-5.37	268.60	-1589.00	-1542.67	222.27	289.68
17	58	1606	2.33	-7.13	-2.63	-2.17	-4.72	217.78	-1786.12	-1748.05	179.72	273.55
17	58	1607	1.34	-7.15	-3.61	-2.20	-4.19	172.45	-1932.78	-1909.97	149.63	217.97
17	58	1608	0.61	-7.24	-4.52	-2.10	-3.73	139.54	-2042.49	-2030.13	127.18	163.77
17	58	1609	8.53e-02	-7.39	-5.34	-1.97	-3.34	117.60	-2115.15	-2109.42	111.86	113.00
17	58	1610	-0.87	-7.08	-6.07	-1.88	-2.29	103.60	-2150.39	-2148.39	101.61	66.96
17	58	1611	-1.15	-7.31	-6.66	-1.80	-1.89	95.79	-2147.63	-2147.34	95.50	25.41
17	58	1612	-1.59	-7.18	-7.07	-1.70	-0.77	94.15	-2106.44	-2106.37	94.08	-12.19
17	58	1613	-1.61	-7.32	-7.31	-1.62	-0.23	97.75	-2026.37	-2025.38	96.76	-45.86
17	58	1614	-1.53	-7.31	-7.29	-1.55	0.34	106.95	-1895.23	-1892.41	104.13	-75.12
17	58	1615	-1.35	-7.13	-6.99	-1.50	0.91	123.47	-1724.66	-1719.34	118.15	-99.07
17	58	1616	-1.13	-6.95	-6.54	-1.53	1.48	149.31	-1525.04	-1516.92	141.19	-116.37
17	58	1617	-0.61	-6.73	-5.96	-1.38	2.02	188.98	-1281.63	-1270.96	178.31	-124.80
17	58	1618	-0.28	-6.53	-5.23	-1.58	2.54	245.72	-989.94	-977.91	233.69	-121.32
17	58	1619	0.25	-6.35	-4.35	-1.75	3.03	326.93	-640.95	-630.34	316.32	-100.78
17	58	1620	0.89	-6.26	-3.32	-2.05	3.52	436.86	-248.10	-243.74	432.51	-54.46
17	58	1621	2.35	-6.12	-2.88	-0.88	4.11	593.40	195.79	202.34	586.85	50.63
17	58	1622	5.32	-3.05	0.25	2.03	4.09	971.20	494.32	681.16	784.36	232.79
17	58	1623	21.05	-16.35	-13.94	18.63	-9.20	3343.39	749.65	1098.13	2994.91	-884.55
17	58	1624	15.55	-13.61	-7.87	9.81	-11.59	1039.50	-57.54	-28.91	1010.88	174.87
17	58	1625	9.19	-5.85	1.23	2.11	-7.51	642.34	-667.83	-574.26	548.77	337.41
17	58	1626	4.51	-5.42	-0.73	-0.18	-4.95	459.71	-1114.80	-1009.74	354.66	392.90
17	58	1627	1.92	-6.05	-3.07	-1.06	-3.86	344.82	-1437.74	-1347.30	254.38	391.19
17	58	1628	0.11	-7.30	-5.10	-2.09	-3.39	264.21	-1686.44	-1618.18	195.95	358.45
17	58	1629	-0.86	-9.82	-8.53	-2.16	-3.15	205.14	-1880.45	-1833.66	158.35	308.85
17	58	1630	-1.32	-12.31	-11.44	-2.19	-2.96	162.23	-2028.89	-1999.81	133.16	250.73
17	58	1631	-1.56	-16.06	-15.48	-2.15	-2.85	130.55	-2136.24	-2120.27	114.59	189.58
17	58	1632	-1.66	-16.49	-16.01	-2.14	-2.62	108.39	-2204.62	-2197.31	101.08	129.83
17	58	1633	-1.72	-16.73	-16.41	-2.04	-2.18	93.35	-2234.65	-2232.27	90.98	74.37
17	58	1634	-1.74	-16.97	-16.72	-1.98	-1.92	84.06	-2226.08	-2225.84	83.82	23.49
17	58	1635	-1.84	-17.10	-16.97	-1.98	-1.43	80.03	-2178.46	-2178.22	79.80	-22.99
17	58	1636	-1.84	-17.47	-17.39	-1.92	-1.12	80.16	-2091.05	-2089.14	78.25	-64.37
17	58	1637	-1.83	-17.96	-17.92	-1.87	-0.80	85.84	-1950.60	-1945.75	81.00	-99.25
17	58	1638	-1.81	-15.98	-15.97	-1.82	-0.37	98.29	-1767.98	-1759.51	89.82	-125.43
17	58	1639	-1.78	-13.47	-13.47	-1.78	-5.33e-02	119.51	-1551.91	-1540.17	107.78	-139.56
17	58	1640	-1.76	-12.63	-12.62	-1.77	0.21	152.62	-1283.59	-1270.51	139.54	-136.44
17	58	1641	-1.70	-11.56	-11.54	-1.72	0.44	205.19	-952.93	-942.80	195.06	-107.83
17	58	1642	-1.53	-10.33	-10.31	-1.56	0.47	285.77	-543.09	-541.15	283.83	-40.05
17	58	1643	-1.98	-9.20	-9.20	-1.98	-9.39e-02	465.82	-84.16	-69.49	451.16	88.60
17	58	1644	-5.71	-13.77	-13.09	-6.38	-2.23	954.09	363.18	530.52	786.75	266.23
17	58	1645	0.33	-3.27	-1.47	-1.46	-1.80	2639.03	809.26	1636.56	1811.73	910.68
17	58	1683	5.34	0.34	5.33	0.35	0.19	39.12	-58.72	-19.19	-0.42	48.01
17	58	1684	0.17	-0.11	1.34e-02	3.83e-02	0.14	21.53	5.19	20.51	6.21	-3.96
17	58	1685	1.53	0.18	1.53	0.18	-4.87e-02	18.48	-397.08	-391.58	12.98	47.49
17	58	1686	7.30	0.25	7.30	0.25	6.83e-02	14.43	-861.60	-859.44	12.27	43.42
17	58	1687	13.69	0.29	13.69	0.30	0.30	12.17	-1307.85	-1307.32	11.65	26.39
17	58	1688	18.88	0.33	18.86	0.34	0.52	9.16	-1666.64	-1666.62	9.15	5.52
17	58	1689	22.58	0.29	22.50	0.37	1.37	6.51	-1893.42	-1893.22	6.32	-19.17
17	58	1690	24.79	0.32	24.68	0.42	1.58	4.88	-1969.67	-1969.08	4.29	-34.20
17	58	1691	25.73	0.26	25.55	0.44	2.14	4.96	-1890.20	-1889.41	4.17	-38.80
17	58	1692	25.90	0.25	25.70	0.45	2.28	3.90	-1647.81	-1647.12	3.21	-33.63
17	58	1693	25.71	0.26	25.50	0.47	2.30	2.89	-1270.48	-1270.18	2.60	-19.40
17	58	1694	17.42	0.29	17.15	0.55	2.12	6.31	-808.98	-808.97	6.29	3.71
17	58	1695	12.31	0.52	12.20	0.63	1.16	10.72	-345.25	-341.56	7.03	36.04
17	58	1696	0.60	-4.53e-02	-4.29e-02	0.60	3.95e-02	43.77	-137.36	18.40	-111.99	62.86
17	58	1697	4.41	7.86e-02	8.43e-02	4.41	-0.16	85.49	-157.70	15.33	-87.54	110.18
17	58	1710	9.43	-3.97	2.69	2.77	6.70	313.57	75.27	133.69	255.15	102.51
17	58	1711	7.61	-1.97	4.10	1.54	4.62	122.47	-49.46	6.27	66.73	80.47
17	58	1712	9.01	0.47	8.91	0.56	0.89	20.71	-162.72	-148.53	6.52	49.01
17	58	1713	15.22	0.34	14.96	0.60	1.95	7.47	-568.80	-568.13	6.80	19.69
17	58	1714	22.01	0.26	21.78	0.49	2.23	2.41	-1047.38	-1047.30	2.33	-8.90
17	58	1715	25.95	0.25	25.74	0.46	2.31	3.41	-1468.98	-1468.46	2.89	-27.63
17	58	1716	25.76	0.24	25.56	0.44	2.22	4.38	-1792.70	-1791.93	3.60	-37.38
17	58	1717	25.44	0.27	25.27	0.43	2.03	5.72	-1949.39	-1948.66	4.99	-37.78
17	58	1718	23.86	0.32	23.76	0.41	1.49	5.59	-1950.91	-1950.51	5.19	-28.00
17	58	1719	20.94	0.29	20.87	0.36	1.22	7.61	-1798.11	-1798.08	7.57	-7.84

17	58	1720	16.47	0.31	16.46	0.32	0.40	10.85	-1501.87	-1501.60	10.58	20.12
17	58	1721	10.59	0.28	10.59	0.28	0.18	13.14	-1091.31	-1090.39	12.22	31.87
17	58	1722	4.12	0.23	4.11	0.23	-2.93e-02	15.44	-627.79	-623.96	11.60	49.54
17	58	1723	0.25	6.39e-02	0.16	0.16	9.23e-02	13.30	-164.47	-157.36	6.18	34.84
17	58	1724	2.37	-0.18	0.80	1.40	-1.24	86.72	-338.90	-161.61	-90.58	209.83
17	58	1725	4.20	-0.78	2.39	1.03	-2.40	70.33	-506.17	-400.74	-35.09	222.85
17	58	1726	5.92	-1.15	4.11	0.66	-3.08	75.25	-723.14	-645.85	-2.04	236.08
17	58	1727	7.45	-1.16	5.89	0.40	-3.32	80.17	-951.66	-894.07	22.57	236.87
17	58	1728	8.85	-1.06	7.63	0.16	-3.26	80.54	-1175.43	-1134.71	39.82	222.45
17	58	1729	10.16	-0.99	9.30	-0.14	-2.97	78.63	-1385.12	-1356.98	50.50	200.97
17	58	1730	11.44	-0.83	10.84	-0.23	-2.64	77.43	-1574.57	-1552.65	55.51	189.05
17	58	1731	12.59	-0.73	12.21	-0.35	-2.22	71.73	-1731.38	-1716.02	56.37	165.74
17	58	1732	13.55	-0.47	13.38	-0.30	-1.53	64.50	-1853.59	-1843.79	54.70	136.75
17	58	1733	14.45	-0.39	14.36	-0.30	-1.15	58.30	-1940.12	-1934.11	52.29	109.41
17	58	1734	15.11	-0.24	15.11	-0.23	-0.37	52.83	-1989.46	-1985.96	49.33	84.46
17	58	1735	15.65	-1.67e-02	15.65	-1.66e-02	-3.23e-02	48.62	-2000.74	-1998.86	46.73	62.12
17	58	1736	16.04	9.05e-03	16.00	5.64e-02	0.87	46.46	-1973.57	-1972.68	45.57	42.38
17	58	1737	16.25	-2.12e-03	16.15	9.54e-02	1.25	44.47	-1907.93	-1907.60	44.15	25.11
17	58	1738	16.29	-3.87e-02	16.13	0.13	1.64	43.16	-1804.26	-1804.20	43.10	10.28
17	58	1739	16.20	-3.72e-02	15.94	0.22	2.01	43.28	-1653.25	-1653.25	43.27	-2.01
17	58	1740	16.20	-0.11	15.84	0.25	2.40	42.54	-1468.02	-1467.93	42.45	-11.37
17	58	1741	16.17	-0.12	15.67	0.37	2.81	41.48	-1262.51	-1262.29	41.26	-16.96
17	58	1742	15.93	-0.21	15.25	0.47	3.24	39.86	-1031.25	-1030.97	39.58	-17.37
17	58	1743	13.64	-0.47	12.59	0.59	3.72	37.92	-783.29	-783.15	37.78	-10.64
17	58	1744	11.17	-1.02	9.39	0.75	4.30	37.33	-532.83	-532.75	37.25	6.85
17	58	1745	10.22	-1.46	7.81	0.96	4.73	44.06	-301.99	-298.68	40.75	33.67
17	58	1746	9.13	-1.90	6.01	1.22	4.96	74.21	-139.33	-116.95	51.83	65.41
17	58	1747	5.67	-1.15	0.39	4.13	-2.85	242.03	-441.77	-142.52	-57.22	339.23
17	58	1748	6.70	-2.19	1.60	2.92	-4.40	188.89	-561.74	-376.17	3.32	323.81
17	58	1749	7.65	-2.69	2.87	2.09	-5.15	172.90	-766.27	-637.96	44.59	322.55
17	58	1750	8.04	-3.16	3.72	1.16	-5.45	162.64	-997.18	-908.67	74.13	307.94
17	58	1751	8.20	-3.44	4.46	0.29	-5.44	150.00	-1225.83	-1167.87	92.05	276.36
17	58	1752	8.21	-3.37	5.15	-0.31	-5.10	137.00	-1438.71	-1401.37	99.67	239.65
17	58	1753	8.10	-3.19	5.75	-0.84	-4.59	124.46	-1626.41	-1601.71	99.76	206.49
17	58	1754	8.04	-2.82	6.25	-1.03	-4.02	113.24	-1783.57	-1765.54	95.20	184.08
17	58	1755	8.02	-2.29	6.68	-0.95	-3.46	99.17	-1901.51	-1891.09	88.76	143.96
17	58	1756	8.04	-1.84	7.04	-0.85	-2.98	87.95	-1983.38	-1977.83	82.41	107.03
17	58	1757	7.63	-1.04	7.32	-0.73	-1.60	79.73	-2028.04	-2025.46	77.15	73.65
17	58	1758	7.70	-0.76	7.54	-0.60	-1.15	74.48	-2034.77	-2033.86	73.58	43.64
17	58	1759	7.67	-0.50	7.67	-0.49	0.23	72.18	-2003.21	-2003.07	72.05	16.61
17	58	1760	7.80	-0.48	7.72	-0.39	0.83	72.50	-1933.27	-1933.24	72.47	-7.69
17	58	1761	7.93	-0.59	7.68	-0.34	1.45	74.84	-1814.00	-1813.54	74.39	-29.43
17	58	1762	8.08	-0.69	7.56	-0.17	2.07	80.20	-1668.97	-1667.62	78.85	-48.53
17	58	1763	8.25	-0.95	7.36	-6.41e-02	2.71	86.28	-1477.17	-1474.51	83.61	-64.52
17	58	1764	8.47	-1.40	7.12	-5.08e-02	3.39	94.16	-1262.42	-1258.12	89.86	-76.26
17	58	1765	8.84	-1.93	6.94	-2.67e-02	4.10	103.71	-1017.13	-1011.17	97.75	-81.49
17	58	1766	8.68	-2.69	5.94	4.91e-02	4.86	114.75	-747.75	-740.96	107.96	-76.27
17	58	1767	8.93	-3.43	5.26	0.23	5.65	127.66	-465.84	-461.07	122.89	-53.00
17	58	1768	9.35	-4.39	4.33	0.63	6.62	147.92	-210.44	-210.23	147.70	-8.73
17	58	1769	9.60	-4.49	3.68	1.44	6.96	196.42	-19.56	-5.15	182.01	53.90
17	58	1797	9.47	-3.25	1.45	4.76	6.14	456.51	68.36	169.54	355.33	170.40
17	58	1798	7.96	-2.06	0.21	5.69	4.20	563.27	6.84	99.21	470.90	207.04
17	58	1804	73.19	-1.78	-1.74	73.16	-1.60	2994.99	14.30	15.48	2993.80	59.42
17	58	1805	11.38	-26.12	-26.11	11.37	0.57	3317.60	-495.30	-343.88	3166.17	744.60
17	58	1806	15.41	-0.98	-0.96	15.39	-0.49	1112.82	-27.97	-15.55	1100.41	118.34
17	58	1807	12.34	-4.12	1.19	7.03	7.69	975.62	165.40	364.06	776.95	348.56
17	58	1809	4.26	-15.27	-15.20	4.19	-1.20	3151.20	-153.32	-135.56	3133.44	241.61
17	58	1810	50.95	0.80	0.92	50.83	2.46	3156.24	-61.48	-39.44	3134.21	265.36
17	58	1811	28.26	-0.71	-0.70	28.25	-0.45	2028.65	-53.29	-31.02	2006.38	214.16
17	58	1812	13.24	-2.56	0.12	10.56	5.93	1167.06	14.84	188.64	993.26	412.37
17	58	1815	13.96	-5.59	1.30	7.07	9.34	1890.94	265.72	687.05	1469.61	712.20
17	58	1816	20.34	-2.46	1.26	16.62	8.43	2159.24	-34.76	281.88	1842.60	771.00
17	58	1818	8.94	-2.80	3.29	2.86	5.87	4032.67	227.47	957.29	3302.85	1498.16
17	58	1819	26.99	0.68	5.38	22.28	10.08	3491.95	-291.31	52.73	3147.90	1087.77
17	58	1822	-1.28e-02	-1.08	-0.38	-0.71	-0.51	0.59	-19.37	-1.09	-17.69	-5.54
17	58	1823	1.97	-7.30e-02	1.97	-7.09e-02	-6.49e-02	69.08	-31.32	46.72	-8.96	41.78
17	58	1826	6.04	-0.58	-0.53	5.99	-0.57	538.34	-13.07	-6.94	532.21	57.83
17	58	1827	0.54	-0.65	-0.45	0.34	-0.45	192.00	-6.71	-2.83	188.13	27.49
17	58	1828	0.11	-0.74	-0.17	-0.46	-0.40	64.57	-25.21	50.81	-11.46	32.34
17	58	1831	5.99	-1.67	2.25	2.06	3.83	188.25	-15.14	69.63	103.48	100.28
17	58	1832	3.62	-1.08	0.58	1.96	2.25	222.22	-14.55	51.67	156.00	106.27
17	59	52	-3.90	-69.37	-49.18	-24.09	-30.23	1.444e+04	3439.70	5268.69	1.261e+04	4095.07
17	59	54	58.56	-87.50	-84.28	55.34	-21.46	3.452e+04	3437.98	1.447e+04	2.349e+04	-1.487e+04
17	59	1548	-15.21	-58.27	-55.88	-17.59	9.85	316.34	-200.20	304.00	-187.87	-78.85
17	59	1549	-1.87	-32.06	-32.05	-1.88	0.43	53.24	-1065.17	-1055.86	43.93	101.62
17	59	1550	-0.24	-22.19	-22.14	-0.29	-1.05	46.89	-1796.81	-1792.51	42.59	88.99
17	59	1551	-0.14	-17.56	-17.44	-0.25	-1.41	35.65	-2238.42	-2237.95	35.18	32.75

17	59	1552	-2.24e-02	-19.13	-18.99	-0.16	-1.63	26.00	-2467.91	-2467.46	25.54	-33.65
17	59	1553	-4.99e-02	-20.53	-20.37	-0.21	-1.82	19.48	-2506.29	-2501.88	15.07	-105.39
17	59	1554	-0.12	-20.97	-20.80	-0.28	-1.85	18.23	-2356.59	-2344.79	6.44	-166.93
17	59	1555	-3.82e-02	-20.07	-19.76	-0.34	-2.46	20.54	-2033.27	-2012.44	-0.29	-205.78
17	59	1556	-2.93e-02	-22.24	-21.95	-0.32	-2.51	26.21	-1454.22	-1425.28	-2.73	-204.94
17	59	1557	-0.13	-28.15	-27.74	-0.54	-3.36	46.91	-535.86	-509.69	20.74	-120.68
17	59	1558	2.46	-48.86	-46.82	0.43	-10.02	1065.57	-116.64	969.41	-20.49	323.15
17	59	1559	14.08	-12.03	5.29	-3.24	12.34	801.41	253.79	398.23	656.97	241.32
17	59	1560	8.41	0.99	0.99	8.41	-6.78e-02	291.12	-92.60	-5.89	204.41	160.47
17	59	1561	6.10	-3.28	1.63	1.19	-4.69	474.70	-581.32	-346.62	239.99	439.05
17	59	1562	2.96	-4.50	1.19	-2.74	-3.17	358.74	-1112.86	-985.79	231.67	413.34
17	59	1563	0.42	-3.67	-1.08	-2.17	-1.97	238.05	-1612.53	-1556.66	182.18	316.67
17	59	1564	0.17	-3.10	-2.01	-0.93	-1.54	154.89	-1976.20	-1960.60	139.28	181.70
17	59	1565	7.70e-02	-2.68	-2.14	-0.46	-1.09	117.43	-2193.96	-2190.43	113.89	90.30
17	59	1566	0.54	-2.76	-2.02	-0.20	-1.37	100.68	-2245.16	-2245.16	100.68	3.17
17	59	1567	1.07	-3.13	-1.92	-0.14	-1.90	101.99	-2127.22	-2124.72	99.48	-74.75
17	59	1568	0.73	-3.01	-1.98	-0.30	-1.67	128.47	-1862.15	-1852.44	118.76	-138.67
17	59	1569	-0.19	-2.97	-1.79	-1.37	-1.37	189.31	-1405.60	-1384.74	168.45	-181.21
17	59	1570	-0.20	-4.18	-0.24	-4.14	-0.40	291.17	-792.37	-761.65	260.45	-179.85
17	59	1571	5.01	-9.07	3.98	-8.04	3.67	419.46	-37.54	-26.99	408.91	-68.62
17	59	1572	27.26	2.70	2.93	27.03	-2.35	754.77	-314.99	-232.92	672.70	284.71
17	59	1573	52.56	21.21	21.93	51.84	4.70	1232.03	-4132.20	-2798.95	-101.22	2318.25
17	59	1574	-1.04	-73.31	-72.57	-1.79	7.30	1168.92	-3874.39	1072.16	-3777.63	691.83
17	59	1575	-4.66	-39.45	-39.10	-4.92	3.02	34.12	-495.50	-490.95	29.58	48.85
17	59	1576	-0.52	-29.02	-29.00	-0.53	-0.65	51.40	-1477.32	-1469.98	44.05	105.68
17	59	1577	-0.15	-16.74	-16.64	-0.24	-1.26	41.18	-2046.70	-2044.80	39.28	62.95
17	59	1578	-0.15	-18.33	-18.23	-0.26	-1.39	30.45	-2377.79	-2377.79	30.45	0.53
17	59	1579	-4.73e-02	-19.90	-19.74	-0.20	-1.74	22.84	-2510.50	-2508.57	20.92	-69.73
17	59	1580	-7.81e-02	-21.00	-20.84	-0.24	-1.85	18.38	-2455.22	-2447.47	10.62	-138.30
17	59	1581	-1.87e-02	-20.68	-20.39	-0.31	-2.43	18.96	-2221.26	-2205.03	2.73	-189.97
17	59	1582	6.29e-02	-18.99	-18.65	-0.27	-2.50	23.05	-1775.69	-1750.35	-2.30	-212.01
17	59	1583	-0.12	-26.51	-26.22	-0.41	-2.75	40.88	-1055.78	-1025.99	11.09	-178.28
17	59	1584	-0.70	-33.16	-32.39	-1.47	-4.94	138.17	36.21	137.32	37.06	-9.25
17	59	1585	-53.32	-89.40	-86.43	-56.29	-9.92	1768.85	-1651.79	1768.61	-1651.55	28.60
17	59	1586	-6.29	-26.02	-14.43	-17.89	9.71	2432.66	292.55	1509.74	1215.47	1059.89
17	59	1587	11.71	-18.31	3.33	-9.93	13.46	1517.66	438.60	796.08	1160.18	507.89
17	59	1588	9.16	-11.38	5.40	-7.63	7.94	534.57	238.75	261.17	512.14	78.30
17	59	1589	1.82	-6.40	1.69	-6.27	1.01	353.79	-420.15	-392.08	325.72	-144.69
17	59	1590	-0.65	-3.13	-1.26	-2.52	-1.07	235.47	-1117.19	-1090.33	208.61	-188.70
17	59	1591	0.26	-3.04	-1.97	-0.81	-1.55	153.94	-1654.41	-1639.52	139.04	-163.42
17	59	1592	0.93	-3.03	-1.91	-0.19	-1.78	111.49	-2016.10	-2010.52	105.92	-108.77
17	59	1593	1.17	-3.29	-1.98	-0.14	-2.03	98.89	-2207.40	-2206.80	98.29	-37.25
17	59	1594	0.73	-3.10	-2.08	-0.29	-1.69	106.49	-2240.61	-2239.71	105.59	45.95
17	59	1595	0.15	-2.93	-2.14	-0.64	-1.35	132.74	-2105.60	-2097.37	124.50	135.55
17	59	1596	0.32	-3.18	-1.68	-1.17	-1.73	189.34	-1811.21	-1780.34	158.47	246.58
17	59	1597	1.16	-4.18	-0.30	-2.72	-2.38	294.40	-1376.35	-1290.29	208.35	369.28
17	59	1598	4.91	-4.55	2.22	-1.86	-4.26	422.10	-837.69	-659.14	243.54	439.38
17	59	1599	8.36	-1.31	0.96	6.10	-4.09	530.77	-439.62	-107.83	198.99	460.30
17	59	1600	9.33	-3.63	0.13	5.57	-5.88	910.84	-72.33	124.64	713.87	393.52
17	59	1601	5.51	-3.76	3.04	-1.29	-4.10	858.48	-441.86	-242.43	659.06	468.56
17	59	1602	1.66	-3.50	1.03	-2.88	-1.68	683.79	-820.28	-653.23	516.74	472.60
17	59	1603	-2.59	-4.26	-3.68	-3.16	-0.79	514.21	-1157.98	-1035.27	391.50	436.04
17	59	1604	-2.39	-7.49	-7.35	-2.52	-0.82	383.76	-1451.86	-1366.34	298.24	386.86
17	59	1605	-1.94	-8.71	-8.52	-2.12	-1.10	286.02	-1697.91	-1644.82	232.93	320.17
17	59	1606	-0.93	-9.39	-9.16	-1.16	-1.37	215.07	-1899.95	-1873.44	188.56	235.31
17	59	1607	-0.57	-9.73	-9.46	-0.84	-1.53	173.24	-2070.88	-2054.93	157.29	188.50
17	59	1608	-0.38	-9.82	-9.56	-0.64	-1.56	144.55	-2198.82	-2190.33	136.05	140.85
17	59	1609	-0.29	-9.76	-9.53	-0.52	-1.46	123.90	-2283.88	-2280.36	120.37	92.04
17	59	1610	2.25e-02	-9.82	-9.42	-0.38	-1.94	110.19	-2326.11	-2325.38	109.46	42.24
17	59	1611	3.95e-02	-9.62	-9.30	-0.28	-1.73	102.91	-2325.60	-2325.58	102.89	-7.03
17	59	1612	0.27	-9.75	-9.24	-0.23	-2.20	101.23	-2282.24	-2281.02	100.00	-54.04
17	59	1613	0.24	-9.69	-9.23	-0.21	-2.08	106.49	-2195.79	-2191.66	102.36	-97.47
17	59	1614	0.17	-9.78	-9.37	-0.24	-1.98	120.04	-2077.49	-2069.02	111.57	-136.19
17	59	1615	1.15e-02	-10.05	-9.67	-0.37	-1.93	143.35	-1914.25	-1900.29	129.39	-168.90
17	59	1616	-0.22	-10.32	-9.92	-0.62	-1.96	179.47	-1693.23	-1672.95	159.18	-193.84
17	59	1617	-0.90	-10.57	-10.08	-1.39	-2.13	231.02	-1424.90	-1398.20	204.31	-208.60
17	59	1618	-1.68	-10.68	-9.93	-2.43	-2.49	304.40	-1106.24	-1074.48	272.63	-209.28
17	59	1619	-3.06	-10.55	-9.05	-4.57	-3.00	403.64	-734.08	-701.38	370.95	-190.07
17	59	1620	-4.26	-10.67	-6.67	-8.27	-3.10	534.78	-278.31	-253.73	510.21	-139.21
17	59	1621	-1.99	-14.43	-2.11	-14.32	-1.19	700.24	245.39	247.77	697.86	-32.79
17	59	1622	3.78	-19.31	2.72	-18.25	4.84	1091.91	554.43	738.04	908.30	254.90
17	59	1623	9.62	1.31	8.73	2.19	-2.56	3484.46	742.14	1112.61	3113.98	-937.40
17	59	1624	1.07	-2.93	-2.93	1.07	8.65e-03	1079.77	33.37	35.95	1077.19	51.93
17	59	1625	-2.62	-15.89	-15.58	-2.93	2.00	629.83	-648.61	-600.21	581.43	244.00
17	59	1626	-2.53	-17.63	-17.59	-2.57	0.79	438.83	-1125.37	-1060.49	373.95	311.88
17	59	1627	-1.99	-18.07	-18.07	-1.99	-0.28	326.68	-1495.46	-1435.97	267.19	323.83
17	59	1628	-0.86	-18.19	-18.13	-0.92	-1.01	252.55	-1785.08	-1738.63	206.09	304.13

17	59	1629	-0.61	-16.56	-16.43	-0.74	-1.44	200.72	-2012.66	-1980.01	168.06	266.85
17	59	1630	-0.39	-15.22	-15.02	-0.58	-1.69	162.36	-2187.70	-2166.96	141.62	219.81
17	59	1631	-0.27	-12.56	-12.31	-0.52	-1.74	134.21	-2314.85	-2303.39	122.75	167.13
17	59	1632	-0.17	-13.17	-12.93	-0.42	-1.78	112.95	-2396.36	-2391.49	108.09	110.39
17	59	1633	-0.14	-13.77	-13.48	-0.42	-1.93	97.84	-2433.45	-2432.44	96.82	50.75
17	59	1634	-0.15	-14.18	-13.93	-0.40	-1.85	88.48	-2426.85	-2426.82	88.44	-9.06
17	59	1635	-6.47e-02	-14.50	-14.23	-0.33	-1.95	84.62	-2376.58	-2374.80	82.84	-66.20
17	59	1636	-8.01e-02	-14.39	-14.15	-0.32	-1.84	87.67	-2282.13	-2276.18	81.72	-118.59
17	59	1637	-0.11	-13.96	-13.74	-0.33	-1.73	97.45	-2154.42	-2142.38	85.42	-164.19
17	59	1638	-0.17	-15.83	-15.63	-0.37	-1.76	115.26	-1978.52	-1959.14	95.88	-200.50
17	59	1639	-0.29	-18.08	-17.90	-0.48	-1.78	143.30	-1738.97	-1711.93	116.26	-223.98
17	59	1640	-0.49	-18.64	-18.43	-0.71	-1.97	185.23	-1442.73	-1409.77	152.27	-229.28
17	59	1641	-0.92	-19.57	-19.20	-1.29	-2.59	245.69	-1080.22	-1046.74	212.22	-207.99
17	59	1642	-1.91	-21.07	-20.22	-2.77	-3.95	343.15	-637.94	-615.45	320.66	-146.82
17	59	1643	-3.51	-23.40	-20.86	-6.04	-6.64	504.39	-71.34	-70.45	503.49	-22.64
17	59	1644	-2.51	-25.96	-12.64	-15.83	-11.61	1037.18	452.52	619.68	870.01	264.18
17	59	1645	-6.67	-29.69	-8.19	-28.17	-5.72	2769.38	904.80	1735.24	1938.94	926.71
17	59	1683	10.36	-0.20	10.11	5.31e-02	1.60	31.24	-60.86	-28.67	-0.94	43.91
17	59	1684	4.33e-02	-0.33	-0.14	-0.15	0.19	15.34	-0.28	15.34	-0.27	-9.49e-02
17	59	1685	0.67	-0.18	0.65	-0.16	0.14	18.93	-419.44	-412.24	11.73	55.75
17	59	1686	4.81	-6.32e-02	4.76	-1.95e-02	0.46	18.50	-908.36	-904.81	14.95	57.21
17	59	1687	9.38	-3.08e-02	9.26	9.05e-02	1.06	14.23	-1381.86	-1381.31	13.68	27.93
17	59	1688	12.80	-8.36e-02	12.61	0.11	1.55	12.21	-1768.20	-1768.11	12.13	-12.01
17	59	1689	15.05	4.19e-03	14.95	9.99e-02	1.20	11.15	-2016.16	-2015.33	10.32	-41.00
17	59	1690	16.86	-3.90e-02	16.76	6.19e-02	1.30	9.99	-2102.19	-2100.36	8.17	-61.99
17	59	1691	18.39	1.18e-02	18.34	6.03e-02	0.94	7.51	-2019.15	-2016.54	4.90	-72.56
17	59	1692	19.31	2.25e-02	19.27	6.36e-02	0.89	6.12	-1781.17	-1778.30	3.25	-71.60
17	59	1693	18.91	4.76e-02	18.87	8.70e-02	0.86	4.39	-1393.83	-1391.40	1.97	-58.17
17	59	1694	23.74	5.31e-02	23.70	8.75e-02	0.90	-1.59	-895.20	-894.09	-2.70	-31.51
17	59	1695	19.63	-5.84e-02	19.52	5.41e-02	1.48	-4.00	-395.48	-395.46	-4.01	2.38
17	59	1696	0.20	-0.17	-4.62e-02	7.88e-02	0.17	46.48	-135.57	14.08	-103.17	69.63
17	59	1697	2.93	-3.99e-02	-3.73e-02	2.92	8.73e-02	105.93	-144.74	12.18	-50.99	121.29
17	59	1710	13.41	-7.74	5.89	-0.22	10.12	375.15	83.30	151.99	306.45	123.81
17	59	1711	11.30	-3.73	7.12	0.45	6.73	149.04	-38.40	23.84	86.80	88.27
17	59	1712	15.53	-7.89e-02	15.40	5.05e-02	1.42	-2.42	-192.88	-190.55	-4.74	20.92
17	59	1713	22.27	4.22e-02	22.23	8.08e-02	0.93	-3.03	-636.89	-636.51	-3.40	-15.39
17	59	1714	21.38	6.98e-02	21.34	0.11	0.87	3.49	-1152.29	-1150.41	1.62	-46.50
17	59	1715	19.22	3.47e-02	19.18	7.41e-02	0.87	5.27	-1609.48	-1606.74	2.52	-66.52
17	59	1716	19.08	2.30e-02	19.04	6.71e-02	0.92	6.90	-1914.97	-1912.14	4.08	-73.57
17	59	1717	17.63	5.17e-03	17.58	5.78e-02	0.96	7.93	-2081.81	-2079.55	5.68	-68.65
17	59	1718	16.00	-2.97e-02	15.90	6.83e-02	1.25	10.59	-2080.15	-2078.82	9.26	-52.70
17	59	1719	13.96	1.30e-02	13.87	0.10	1.12	11.76	-1911.47	-1911.08	11.37	-27.26
17	59	1720	11.26	-5.95e-02	11.09	0.10	1.35	12.89	-1589.80	-1589.79	12.88	3.98
17	59	1721	7.19	-3.68e-02	7.11	4.35e-02	0.76	16.49	-1151.96	-1149.89	14.42	49.16
17	59	1722	2.49	-0.12	2.47	-0.10	0.23	20.52	-661.62	-656.34	15.23	59.81
17	59	1723	2.94e-02	-0.37	-0.19	-0.15	0.20	14.69	-176.40	-167.44	5.73	40.40
17	59	1724	1.61	-0.36	0.49	0.76	-0.98	98.96	-348.25	-170.41	-78.87	218.87
17	59	1725	3.01	-1.08	1.56	0.37	-1.95	82.96	-529.57	-419.71	-26.89	234.99
17	59	1726	4.20	-1.66	2.81	-0.26	-2.49	88.58	-759.33	-677.44	6.69	250.46
17	59	1727	5.15	-1.81	4.07	-0.73	-2.52	91.55	-1001.84	-939.94	29.64	252.70
17	59	1728	5.94	-1.53	5.25	-0.85	-2.16	91.56	-1242.50	-1196.05	45.11	244.55
17	59	1729	6.70	-1.02	6.32	-0.64	-1.67	87.25	-1467.28	-1434.27	54.24	224.13
17	59	1730	7.39	-0.62	7.24	-0.47	-1.08	78.04	-1664.59	-1645.27	58.72	182.50
17	59	1731	8.10	-0.25	8.06	-0.21	-0.60	71.52	-1834.24	-1822.81	60.10	147.10
17	59	1732	8.81	-0.12	8.78	-9.11e-02	-0.47	66.32	-1969.46	-1962.73	59.60	116.82
17	59	1733	9.44	5.90e-02	9.43	6.07e-02	-0.13	61.16	-2066.01	-2062.43	57.58	87.16
17	59	1734	10.06	0.12	10.05	0.12	-0.25	56.95	-2122.02	-2120.42	55.36	58.96
17	59	1735	10.62	1.47e-02	10.62	1.47e-02	-8.79e-03	53.42	-2136.43	-2135.94	52.93	32.79
17	59	1736	11.14	2.12e-02	11.13	3.44e-02	-0.38	49.75	-2108.76	-2108.72	49.71	8.97
17	59	1737	11.60	6.24e-02	11.59	6.89e-02	-0.27	47.68	-2039.08	-2039.01	47.61	-12.21
17	59	1738	11.99	8.85e-02	11.98	9.10e-02	-0.17	46.39	-1928.03	-1927.56	45.92	-30.48
17	59	1739	12.26	3.02e-02	12.26	3.04e-02	-4.39e-02	44.66	-1787.39	-1786.27	43.53	-45.45
17	59	1740	12.17	-1.15e-02	12.17	-9.64e-03	0.15	44.13	-1608.46	-1606.53	42.20	-56.45
17	59	1741	11.79	-0.21	11.77	-0.19	0.47	43.52	-1384.90	-1382.17	40.79	-62.38
17	59	1742	11.28	-0.47	11.19	-0.38	1.01	42.38	-1134.39	-1131.16	39.14	-61.63
17	59	1743	12.56	-0.88	12.30	-0.62	1.85	40.57	-867.14	-864.12	37.56	-52.20
17	59	1744	13.83	-1.42	13.24	-0.82	2.95	39.20	-598.11	-596.30	37.38	-33.97
17	59	1745	13.16	-2.23	11.77	-0.85	4.40	41.42	-347.86	-347.80	41.37	-4.67
17	59	1746	12.34	-3.11	9.70	-0.47	5.81	60.08	-134.76	-128.64	53.96	33.98
17	59	1747	4.40	-0.95	0.56	2.90	-2.41	271.27	-445.60	-149.50	-24.83	352.97
17	59	1748	5.13	-2.21	1.45	1.47	-3.67	219.59	-584.33	-393.03	28.29	342.34
17	59	1749	5.09	-3.44	2.17	-0.52	-4.05	203.47	-803.74	-667.79	67.52	344.17
17	59	1750	4.92	-3.72	2.82	-1.62	-3.71	188.75	-1050.78	-954.50	92.47	331.78
17	59	1751	4.60	-3.28	3.18	-1.85	-3.03	172.18	-1299.17	-1231.61	104.62	307.95
17	59	1752	4.29	-2.60	3.33	-1.64	-2.39	152.27	-1528.62	-1483.66	107.31	271.21
17	59	1753	4.10	-1.75	3.43	-1.08	-1.85	131.83	-1728.89	-1701.75	104.69	223.07
17	59	1754	4.00	-1.08	3.58	-0.66	-1.40	113.37	-1894.57	-1881.24	100.04	163.04

17	59	1755	4.01	-0.67	3.78	-0.45	-1.00	102.03	-2027.17	-2020.00	94.87	123.28
17	59	1756	4.09	-0.36	4.00	-0.28	-0.61	93.05	-2119.87	-2116.63	89.81	84.68
17	59	1757	4.53	-0.42	4.25	-0.14	-1.15	86.38	-2171.43	-2170.42	85.38	47.66
17	59	1758	4.63	-0.21	4.48	-6.74e-02	-0.82	81.93	-2181.12	-2181.05	81.86	12.63
17	59	1759	5.12	-0.43	4.71	-2.14e-02	-1.45	79.63	-2148.62	-2148.44	79.45	-19.98
17	59	1760	5.23	-0.34	4.90	-4.49e-03	-1.32	79.77	-2073.96	-2072.80	78.61	-49.88
17	59	1761	5.33	-0.27	5.06	-7.51e-03	-1.19	83.01	-1968.72	-1965.84	80.13	-76.77
17	59	1762	5.40	-0.41	5.21	-0.22	-1.03	88.49	-1810.83	-1805.53	83.19	-100.16
17	59	1763	5.46	-0.61	5.35	-0.51	-0.79	98.51	-1624.13	-1615.84	90.21	-119.22
17	59	1764	5.52	-0.92	5.50	-0.90	-0.40	111.81	-1389.76	-1377.99	100.05	-132.37
17	59	1765	5.61	-1.54	5.60	-1.53	0.27	127.87	-1123.76	-1108.61	112.72	-136.87
17	59	1766	6.73	-2.59	6.53	-2.38	1.37	145.78	-834.27	-817.12	128.63	-128.50
17	59	1767	7.94	-4.08	7.11	-3.25	3.05	165.12	-535.01	-519.33	149.43	-103.61
17	59	1768	9.64	-5.61	7.67	-3.65	5.11	187.09	-231.79	-224.44	179.74	-55.00
17	59	1769	11.53	-7.16	7.24	-2.87	7.86	236.70	15.13	16.53	235.30	17.60
17	59	1797	13.82	-6.16	3.63	4.03	9.99	508.30	76.02	183.35	400.97	186.75
17	59	1798	13.62	-2.64	1.21	9.77	6.91	612.42	11.36	107.17	516.60	220.02
17	59	1804	106.84	-0.77	-0.73	106.79	2.21	3171.69	24.07	26.96	3168.80	95.31
17	59	1805	9.31	-28.73	-28.72	9.30	-0.55	3559.43	-530.41	-404.95	3433.97	705.24
17	59	1806	28.87	0.71	0.74	28.83	0.95	1199.60	-22.87	-7.66	1184.39	135.52
17	59	1807	18.49	-9.11	3.83	5.55	13.77	1056.02	182.29	386.69	851.61	369.88
17	59	1809	18.73	-17.38	-17.09	18.44	3.21	3348.77	-165.43	-142.48	3325.82	283.05
17	59	1810	83.93	0.35	0.39	83.90	1.80	3324.74	-71.08	-45.31	3298.96	294.73
17	59	1811	53.46	0.54	0.58	53.42	1.42	2163.27	-47.08	-20.75	2136.94	239.80
17	59	1812	23.44	-3.10	1.52	18.81	10.07	1252.04	23.81	201.16	1074.69	431.71
17	59	1815	19.67	-12.03	2.23	5.41	15.77	2027.01	296.23	721.46	1601.77	745.09
17	59	1816	34.05	-3.98	0.69	29.37	12.49	2294.27	-20.17	302.64	1971.45	801.83
17	59	1818	5.10	-12.92	-8.83	1.01	7.55	4241.94	288.94	1042.60	3488.28	1552.81
17	59	1819	38.59	-3.38	-0.85	36.06	9.99	3673.68	-282.77	68.03	3322.89	1124.66
17	59	1822	-6.96e-03	-0.13	-4.67e-02	-9.00e-02	-5.75e-02	4.07	-6.71	3.94	-6.59	-1.15
17	59	1823	4.91	-0.12	4.65	0.14	1.13	93.65	-29.82	62.04	1.79	53.89
17	59	1826	12.63	0.22	0.27	12.57	0.83	587.69	-9.95	-1.96	579.70	68.64
17	59	1827	2.51	7.16e-02	0.15	2.43	0.43	215.22	-4.40	1.00	209.81	34.03
17	59	1828	1.01	6.29e-02	0.83	0.24	0.37	78.96	-20.48	59.41	-0.93	39.52
17	59	1831	9.19	-3.15	4.31	1.73	6.03	219.27	-12.65	81.78	124.84	113.95
17	59	1832	6.24	-1.14	1.65	3.45	3.58	247.37	-12.12	58.25	177.00	115.36
17	90	52	17.89	-36.66	-12.52	-6.25	-27.10	1.407e+04	3057.35	4907.54	1.222e+04	4117.48
17	90	54	54.79	1.25	51.89	4.16	-12.14	3.316e+04	3166.77	1.353e+04	2.279e+04	-1.426e+04
17	90	1548	21.93	-5.01	18.70	-1.78	-8.76	169.20	-256.04	160.35	-247.19	60.70
17	90	1549	0.63	-6.44	-5.14	-0.66	-2.73	63.28	-1024.78	-992.97	31.47	183.31
17	90	1550	-1.66	-15.89	-15.63	-1.92	-1.89	46.33	-1671.24	-1659.55	34.65	141.18
17	90	1551	-1.84	-23.20	-23.03	-2.01	-1.89	30.96	-2061.39	-2059.59	29.16	61.20
17	90	1552	-1.97	-24.93	-24.77	-2.13	-1.91	21.77	-2263.12	-2263.00	21.65	-16.68
17	90	1553	-1.96	-25.96	-25.81	-2.10	-1.88	16.84	-2293.96	-2291.55	14.43	-74.66
17	90	1554	-1.90	-26.59	-26.44	-2.04	-1.89	13.09	-2155.41	-2149.33	7.01	-114.62
17	90	1555	-1.91	-27.08	-27.02	-1.97	-1.26	11.05	-1815.90	-1806.18	1.33	-132.91
17	90	1556	-1.88	-23.57	-23.52	-1.93	-1.06	9.42	-1290.73	-1280.67	-0.64	-113.91
17	90	1557	-1.36	-17.41	-17.40	-1.37	-0.28	-5.34	-481.19	-480.85	-5.68	-12.72
17	90	1558	12.27	-12.70	-11.98	11.55	4.18	907.63	-117.77	875.61	-85.75	178.35
17	90	1559	10.30	-5.26	2.14	2.90	7.77	721.96	234.91	370.87	586.01	218.48
17	90	1560	10.97	-0.28	-0.28	10.97	-4.49e-02	226.56	-102.50	-9.03	133.10	148.39
17	90	1561	9.22	-3.16	0.23	5.84	-5.52	418.83	-564.57	-335.00	189.27	416.00
17	90	1562	7.71	-5.51	0.73	1.47	-6.60	314.16	-1055.11	-943.86	202.91	374.10
17	90	1563	6.03	-5.69	1.24	-0.90	-5.76	216.75	-1515.62	-1470.54	171.67	275.80
17	90	1564	4.28	-5.10	0.86	-1.68	-4.52	154.96	-1858.91	-1837.84	133.89	204.88
17	90	1565	3.03	-4.09	0.40	-1.46	-3.44	111.81	-2049.68	-2044.00	106.13	110.66
17	90	1566	1.24	-2.39	5.61e-02	-1.21	-1.70	93.18	-2091.61	-2091.11	92.67	33.09
17	90	1567	-4.19e-02	-1.06	-0.12	-0.97	0.27	94.34	-1980.42	-1979.96	93.89	-30.67
17	90	1568	1.15	-2.11	-6.23e-02	-0.90	1.58	112.96	-1694.56	-1690.85	109.25	-81.78
17	90	1569	2.65	-3.30	0.22	-0.86	2.93	155.24	-1277.36	-1267.85	145.73	-116.29
17	90	1570	4.37	-4.60	0.79	-1.02	4.39	228.98	-707.42	-692.67	214.23	-116.59
17	90	1571	6.72	-5.96	1.36	-0.59	6.26	331.67	-54.08	-53.53	331.11	-14.62
17	90	1572	11.57	-1.38	-0.44	10.64	3.35	664.37	-345.80	-271.94	590.52	262.97
17	90	1573	-8.56	-14.45	-13.21	-9.80	-2.40	1012.62	-4365.32	-2818.74	-533.96	2434.23
17	90	1574	55.95	40.48	54.44	41.99	4.59	703.72	-4069.15	494.29	-3859.72	977.61
17	90	1575	5.58	-3.67	1.29	0.63	-4.61	50.16	-550.64	-508.39	7.91	153.62
17	90	1576	-1.12	-8.90	-8.32	-1.71	-2.05	56.21	-1388.80	-1368.10	35.50	171.72
17	90	1577	-1.81	-22.30	-22.12	-1.99	-1.87	37.88	-1892.15	-1886.69	32.41	102.56
17	90	1578	-1.83	-24.15	-23.96	-2.02	-2.03	25.73	-2184.13	-2183.94	25.54	20.43
17	90	1579	-1.95	-25.53	-25.37	-2.11	-1.89	18.40	-2299.59	-2298.59	17.40	-48.18
17	90	1580	-1.93	-26.22	-26.07	-2.08	-1.88	14.71	-2246.15	-2241.99	10.55	-96.87
17	90	1581	-1.94	-26.87	-26.80	-2.02	-1.33	11.90	-2008.86	-2000.83	3.88	-127.10
17	90	1582	-1.96	-27.43	-27.37	-2.01	-1.15	10.29	-1583.25	-1572.62	-0.35	-129.76
17	90	1583	-1.72	-18.91	-18.87	-1.76	-0.79	-2.40	-924.22	-917.41	-9.20	-78.90
17	90	1584	0.87	-15.37	-15.34	0.84	0.72	162.46	-71.92	92.31	-1.77	107.33
17	90	1585	-18.78	-26.32	-24.32	-20.79	3.33	1452.84	-1730.01	1445.38	-1722.56	-153.84
17	90	1586	4.21	-12.65	-3.86	-4.57	8.42	2217.26	141.97	1408.37	950.86	1012.11

17	90	1587	8.62	-7.68	0.69	0.25	8.15	1390.00	397.83	749.41	1038.43	474.57
17	90	1588	8.48	-5.74	2.23	0.51	7.06	457.21	201.79	233.73	425.26	84.49
17	90	1589	5.32	-5.32	0.98	-0.98	5.23	275.52	-386.48	-375.08	264.12	-86.11
17	90	1590	3.47	-3.93	0.44	-0.90	3.64	187.95	-1011.30	-998.54	175.20	-123.02
17	90	1591	1.93	-2.63	5.20e-02	-0.74	2.25	130.56	-1505.14	-1498.79	124.22	-101.67
17	90	1592	0.47	-1.52	-0.15	-0.90	0.92	101.31	-1856.50	-1854.79	99.60	-57.90
17	90	1593	7.35e-02	-1.19	-3.14e-02	-1.09	-0.35	91.45	-2055.29	-2055.29	91.45	-0.36
17	90	1594	1.71	-2.85	0.20	-1.34	-2.15	100.12	-2089.60	-2087.37	97.89	69.93
17	90	1595	3.60	-4.59	0.62	-1.60	-3.94	130.17	-1972.49	-1960.89	118.58	155.74
17	90	1596	5.00	-5.65	1.09	-1.74	-5.13	183.32	-1705.79	-1674.47	152.00	241.22
17	90	1597	7.06	-5.68	1.34	3.38e-02	-6.33	261.82	-1297.63	-1226.28	190.47	325.86
17	90	1598	8.52	-4.66	0.17	3.69	-6.35	368.37	-801.44	-634.95	201.89	408.71
17	90	1599	8.85	-1.62	-0.28	7.51	-3.50	484.62	-436.94	-101.79	149.46	443.32
17	90	1600	14.23	-3.01	-2.45	13.66	-3.08	817.87	-118.38	99.75	599.75	395.78
17	90	1601	12.27	-5.94	-3.54	9.87	-6.15	764.12	-421.00	-235.51	578.63	430.61
17	90	1602	8.52	-8.39	-4.02	4.15	-7.40	605.77	-774.35	-636.22	467.64	414.19
17	90	1603	6.49	-7.59	-1.97	0.87	-6.90	456.65	-1087.19	-993.77	363.23	368.09
17	90	1604	5.05	-6.90	-0.98	-0.88	-5.97	345.51	-1359.00	-1295.16	281.67	323.64
17	90	1605	3.53	-6.86	-1.90	-1.42	-5.19	269.35	-1593.62	-1547.01	222.74	290.97
17	90	1606	2.08	-7.11	-2.90	-2.13	-4.58	217.63	-1790.89	-1753.37	180.11	271.93
17	90	1607	1.16	-7.16	-3.86	-2.14	-4.07	172.46	-1938.61	-1916.12	149.97	216.72
17	90	1608	0.50	-7.27	-4.74	-2.04	-3.64	139.74	-2049.10	-2036.92	127.57	162.80
17	90	1609	1.31e-02	-7.44	-5.52	-1.90	-3.26	117.86	-2122.29	-2116.67	112.23	112.10
17	90	1610	-0.85	-7.18	-6.21	-1.82	-2.28	103.87	-2157.83	-2155.90	101.95	65.92
17	90	1611	-1.11	-7.40	-6.77	-1.74	-1.88	96.08	-2155.17	-2154.91	95.82	24.04
17	90	1612	-1.51	-7.29	-7.16	-1.64	-0.83	94.43	-2113.87	-2113.78	94.34	-13.96
17	90	1613	-1.54	-7.41	-7.40	-1.56	-0.31	98.09	-2033.53	-2032.44	97.00	-48.04
17	90	1614	-1.49	-7.39	-7.38	-1.50	0.24	107.46	-1902.95	-1899.94	104.45	-77.69
17	90	1615	-1.34	-7.21	-7.10	-1.45	0.79	124.26	-1732.70	-1727.08	118.63	-102.01
17	90	1616	-1.17	-7.01	-6.69	-1.49	1.34	150.51	-1532.14	-1523.59	141.96	-119.64
17	90	1617	-0.75	-6.77	-6.13	-1.38	1.85	190.65	-1287.63	-1276.40	179.43	-128.34
17	90	1618	-0.51	-6.53	-5.43	-1.62	2.32	248.07	-994.75	-982.04	235.36	-125.03
17	90	1619	-0.12	-6.29	-4.55	-1.87	2.78	330.00	-644.72	-633.37	318.66	-104.54
17	90	1620	0.40	-6.18	-3.46	-2.31	3.24	440.76	-249.08	-244.17	435.84	-58.04
17	90	1621	1.80	-6.10	-2.85	-1.45	3.89	597.25	198.62	204.26	591.61	47.09
17	90	1622	4.90	-3.38	0.35	1.17	4.12	976.30	496.95	683.58	789.66	233.73
17	90	1623	20.32	-15.37	-12.98	17.93	-8.92	3349.41	749.28	1098.69	3000.00	-886.80
17	90	1624	14.90	-13.13	-7.66	9.44	-11.10	1040.70	-53.15	-26.17	1013.71	169.66
17	90	1625	8.35	-5.93	0.52	1.90	-7.11	641.56	-666.74	-575.36	550.18	333.47
17	90	1626	3.89	-5.61	-1.45	-0.28	-4.71	458.65	-1115.06	-1011.90	355.50	389.49
17	90	1627	1.53	-6.33	-3.70	-1.10	-3.70	343.92	-1440.03	-1351.06	254.94	388.35
17	90	1628	-9.48e-02	-7.60	-5.65	-2.04	-3.29	263.62	-1690.51	-1623.28	196.39	356.16
17	90	1629	-0.91	-10.05	-8.86	-2.10	-3.08	204.89	-1885.97	-1839.85	158.78	307.08
17	90	1630	-1.30	-12.41	-11.59	-2.12	-2.91	162.20	-2035.57	-2006.88	133.52	249.42
17	90	1631	-1.51	-15.91	-15.35	-2.08	-2.80	130.69	-2143.78	-2128.03	114.94	188.63
17	90	1632	-1.60	-16.34	-15.88	-2.07	-2.58	108.57	-2212.73	-2205.54	101.38	129.00
17	90	1633	-1.65	-16.61	-16.29	-1.98	-2.17	93.53	-2243.06	-2240.75	91.23	73.36
17	90	1634	-1.67	-16.85	-16.60	-1.92	-1.92	84.23	-2234.57	-2234.36	84.02	22.11
17	90	1635	-1.77	-16.99	-16.85	-1.91	-1.45	80.20	-2186.83	-2186.55	79.93	-24.82
17	90	1636	-1.77	-17.34	-17.25	-1.85	-1.15	80.44	-2099.11	-2097.07	78.40	-66.66
17	90	1637	-1.76	-17.79	-17.74	-1.81	-0.84	86.29	-1959.21	-1954.12	81.19	-101.99
17	90	1638	-1.75	-15.96	-15.95	-1.76	-0.43	98.94	-1776.89	-1768.03	90.08	-128.60
17	90	1639	-1.72	-13.66	-13.66	-1.73	-0.13	120.42	-1559.78	-1547.50	108.14	-143.12
17	90	1640	-1.72	-12.87	-12.87	-1.72	0.12	153.86	-1290.22	-1276.45	140.09	-140.36
17	90	1641	-1.69	-11.87	-11.87	-1.70	0.31	206.68	-958.11	-947.22	195.80	-112.05
17	90	1642	-1.60	-10.74	-10.73	-1.61	0.28	287.78	-546.69	-544.30	285.40	-44.56
17	90	1643	-2.14	-9.72	-9.70	-2.15	-0.37	466.53	-82.67	-69.53	453.39	83.91
17	90	1644	-5.83	-14.03	-13.08	-6.78	-2.62	957.64	366.97	534.29	790.32	266.15
17	90	1645	-0.17	-4.18	-1.76	-2.59	-1.96	2644.56	813.34	1640.75	1817.16	911.35
17	90	1683	5.55	0.33	5.53	0.34	0.25	38.77	-58.79	-19.59	-0.44	47.83
17	90	1684	0.16	-0.12	7.01e-03	3.03e-02	0.14	21.23	5.00	20.29	5.94	-3.79
17	90	1685	1.49	0.16	1.49	0.16	-4.07e-02	18.50	-398.03	-392.46	12.92	47.85
17	90	1686	7.19	0.24	7.19	0.24	8.50e-02	14.60	-863.60	-861.39	12.39	44.00
17	90	1687	13.51	0.28	13.50	0.29	0.33	12.26	-1311.02	-1310.49	11.73	26.45
17	90	1688	18.61	0.31	18.60	0.33	0.56	9.29	-1670.98	-1670.96	9.27	4.77
17	90	1689	22.26	0.28	22.18	0.36	1.36	6.70	-1898.65	-1898.44	6.49	-20.10
17	90	1690	24.45	0.31	24.35	0.41	1.57	5.08	-1975.32	-1974.69	4.45	-35.38
17	90	1691	25.42	0.25	25.25	0.42	2.09	5.05	-1895.70	-1894.84	4.20	-40.22
17	90	1692	25.62	0.24	25.42	0.44	2.22	3.96	-1653.51	-1652.76	3.21	-35.24
17	90	1693	25.42	0.26	25.22	0.46	2.24	2.92	-1275.74	-1275.40	2.57	-21.04
17	90	1694	17.68	0.29	17.43	0.53	2.07	5.92	-812.61	-812.61	5.91	2.22
17	90	1695	12.62	0.49	12.51	0.61	1.18	9.95	-347.23	-343.85	6.56	34.61
17	90	1696	0.58	-4.64e-02	-4.31e-02	0.58	4.52e-02	43.86	-137.27	18.21	-111.62	63.15
17	90	1697	4.35	7.41e-02	7.91e-02	4.34	-0.15	86.28	-157.08	15.19	-85.99	110.66
17	90	1710	9.58	-4.11	2.83	2.64	6.84	316.19	75.62	134.47	257.34	103.42
17	90	1711	7.76	-2.04	4.23	1.50	4.71	123.59	-48.99	7.01	67.59	80.80
17	90	1712	9.28	0.44	9.19	0.54	0.91	19.50	-163.77	-150.30	6.04	47.81

17	90	1713	15.51	0.34	15.27	0.58	1.90	6.94	-571.61	-571.04	6.37	18.20
17	90	1714	21.98	0.25	21.76	0.47	2.18	2.41	-1051.83	-1051.73	2.31	-10.49
17	90	1715	25.67	0.24	25.47	0.44	2.25	3.46	-1474.99	-1474.41	2.88	-29.28
17	90	1716	25.48	0.24	25.29	0.42	2.17	4.46	-1797.91	-1797.07	3.62	-38.91
17	90	1717	25.10	0.26	24.94	0.42	1.99	5.79	-1955.03	-1954.25	5.02	-39.08
17	90	1718	23.52	0.30	23.43	0.40	1.48	5.79	-1956.42	-1955.99	5.36	-29.05
17	90	1719	20.65	0.28	20.57	0.35	1.21	7.78	-1802.95	-1802.91	7.73	-8.67
17	90	1720	16.25	0.30	16.23	0.31	0.44	10.93	-1505.62	-1505.37	10.68	19.43
17	90	1721	10.45	0.27	10.44	0.27	0.21	13.27	-1093.90	-1092.94	12.31	32.61
17	90	1722	4.04	0.21	4.04	0.21	-1.81e-02	15.65	-629.24	-625.34	11.76	49.98
17	90	1723	0.24	4.54e-02	0.14	0.14	9.68e-02	13.35	-164.98	-157.79	6.16	35.07
17	90	1724	2.34	-0.18	0.79	1.37	-1.23	87.23	-339.30	-161.98	-90.08	210.21
17	90	1725	4.15	-0.80	2.35	1.01	-2.38	70.86	-507.17	-401.56	-34.75	223.37
17	90	1726	5.84	-1.17	4.05	0.62	-3.06	75.81	-724.69	-647.21	-1.67	236.69
17	90	1727	7.35	-1.19	5.81	0.35	-3.28	80.65	-953.81	-896.04	22.87	237.55
17	90	1728	8.73	-1.08	7.53	0.11	-3.21	81.01	-1178.29	-1137.33	40.04	223.39
17	90	1729	10.01	-0.99	9.17	-0.16	-2.91	79.00	-1388.63	-1360.29	50.66	201.96
17	90	1730	11.26	-0.82	10.69	-0.24	-2.58	77.45	-1578.41	-1556.61	55.64	188.77
17	90	1731	12.40	-0.71	12.03	-0.34	-2.16	71.71	-1735.76	-1720.58	56.53	164.95
17	90	1732	13.35	-0.46	13.19	-0.29	-1.49	64.56	-1858.52	-1848.87	54.91	135.90
17	90	1733	14.23	-0.37	14.15	-0.29	-1.10	58.40	-1945.48	-1939.59	52.51	108.47
17	90	1734	14.90	-0.23	14.89	-0.22	-0.36	52.99	-1995.10	-1991.70	49.59	83.38
17	90	1735	15.44	-1.53e-02	15.44	-1.53e-02	-3.14e-02	48.80	-2006.51	-2004.71	46.99	60.88
17	90	1736	15.83	1.32e-02	15.79	5.55e-02	0.82	46.58	-1979.31	-1978.49	45.75	40.97
17	90	1737	16.05	5.47e-03	15.96	9.43e-02	1.19	44.58	-1913.50	-1913.21	44.29	23.53
17	90	1738	16.10	-2.69e-02	15.95	0.13	1.56	43.26	-1809.51	-1809.47	43.22	8.56
17	90	1739	16.02	-2.60e-02	15.79	0.21	1.93	43.30	-1658.97	-1658.96	43.29	-3.84
17	90	1740	16.02	-9.88e-02	15.68	0.24	2.31	42.56	-1474.01	-1473.90	42.44	-13.27
17	90	1741	15.97	-0.12	15.50	0.35	2.71	41.51	-1267.71	-1267.44	41.24	-18.88
17	90	1742	15.72	-0.21	15.08	0.43	3.15	39.91	-1035.61	-1035.27	39.56	-19.24
17	90	1743	13.59	-0.47	12.57	0.54	3.64	37.96	-786.80	-786.62	37.78	-12.39
17	90	1744	11.26	-1.02	9.56	0.68	4.24	37.30	-535.50	-535.45	37.26	5.13
17	90	1745	10.33	-1.48	7.98	0.88	4.72	43.76	-303.74	-300.76	40.78	32.04
17	90	1746	9.25	-1.94	6.17	1.14	5.00	73.43	-138.95	-117.44	51.93	64.07
17	90	1747	5.61	-1.14	0.40	4.08	-2.83	243.26	-441.92	-142.82	-55.85	339.82
17	90	1748	6.64	-2.19	1.59	2.86	-4.37	190.18	-562.70	-376.89	4.37	324.60
17	90	1749	7.53	-2.72	2.84	1.98	-5.11	174.19	-767.87	-639.24	45.56	323.47
17	90	1750	7.90	-3.17	3.69	1.05	-5.38	163.75	-999.47	-910.63	74.91	308.95
17	90	1751	8.04	-3.43	4.41	0.20	-5.33	150.94	-1228.95	-1170.60	92.59	277.70
17	90	1752	8.03	-3.33	5.07	-0.37	-4.99	137.65	-1442.54	-1404.89	100.00	240.99
17	90	1753	7.93	-3.13	5.65	-0.85	-4.47	124.78	-1630.78	-1605.98	99.98	207.20
17	90	1754	7.86	-2.74	6.14	-1.02	-3.91	113.23	-1788.28	-1770.47	95.41	183.19
17	90	1755	7.85	-2.22	6.56	-0.93	-3.36	99.27	-1906.84	-1896.58	89.02	143.08
17	90	1756	7.87	-1.77	6.92	-0.82	-2.87	88.15	-1989.18	-1983.74	82.72	106.08
17	90	1757	7.50	-1.01	7.19	-0.71	-1.58	79.99	-2034.12	-2031.63	77.50	72.55
17	90	1758	7.57	-0.74	7.41	-0.58	-1.14	74.78	-2040.98	-2040.13	73.93	42.33
17	90	1759	7.55	-0.47	7.54	-0.47	0.16	72.48	-2009.38	-2009.27	72.37	15.06
17	90	1760	7.67	-0.44	7.60	-0.38	0.74	72.78	-1939.24	-1939.19	72.74	-9.48
17	90	1761	7.79	-0.55	7.57	-0.33	1.33	75.16	-1820.59	-1820.06	74.64	-31.43
17	90	1762	7.93	-0.64	7.46	-0.17	1.94	80.51	-1675.00	-1673.53	79.04	-50.71
17	90	1763	8.08	-0.89	7.28	-8.29e-02	2.56	86.75	-1483.43	-1480.58	83.90	-66.83
17	90	1764	8.30	-1.33	7.05	-8.67e-02	3.23	94.85	-1267.82	-1263.27	90.30	-78.63
17	90	1765	8.66	-1.87	6.88	-9.03e-02	3.94	104.67	-1021.62	-1015.35	98.39	-83.83
17	90	1766	8.55	-2.63	5.97	-5.38e-02	4.71	116.00	-751.37	-744.21	108.84	-78.47
17	90	1767	8.84	-3.42	5.34	8.42e-02	5.54	129.15	-468.68	-463.55	124.02	-55.14
17	90	1768	9.32	-4.39	4.47	0.45	6.55	149.39	-211.15	-210.83	149.07	-10.69
17	90	1769	9.65	-4.57	3.83	1.26	6.99	197.85	-17.79	-4.23	184.29	52.35
17	90	1797	9.64	-3.36	1.55	4.73	6.30	458.72	68.69	170.13	357.28	171.11
17	90	1798	8.20	-2.09	0.25	5.86	4.31	565.38	7.03	99.55	472.86	207.60
17	90	1804	74.61	-1.73	-1.70	74.58	-1.44	3002.61	14.73	15.97	3001.36	60.94
17	90	1805	11.29	-26.23	-26.22	11.28	0.52	3327.95	-496.69	-346.47	3177.73	742.95
17	90	1806	15.97	-0.90	-0.89	15.96	-0.43	1116.57	-27.74	-15.21	1104.04	119.09
17	90	1807	12.57	-4.31	1.30	6.96	7.95	979.07	166.11	365.03	780.14	349.49
17	90	1809	4.84	-15.33	-15.28	4.79	-1.02	3159.72	-153.84	-135.86	3141.75	243.38
17	90	1810	52.34	0.78	0.90	52.23	2.43	3163.53	-61.89	-39.69	3141.34	266.63
17	90	1811	29.32	-0.65	-0.65	29.32	-0.37	2034.48	-53.01	-30.57	2012.04	215.29
17	90	1812	13.67	-2.59	0.18	10.91	6.10	1170.73	15.22	189.18	996.77	413.22
17	90	1815	14.19	-5.85	1.34	7.00	9.61	1896.81	267.02	688.54	1475.29	713.66
17	90	1816	20.92	-2.52	1.24	17.15	8.60	2165.10	-34.15	282.77	1848.18	772.37
17	90	1818	8.72	-3.16	2.78	2.78	5.94	4041.75	230.03	960.92	3310.85	1500.59
17	90	1819	27.42	0.57	5.12	22.87	10.07	3499.81	-290.95	53.40	3155.47	1089.38
17	90	1822	-1.25e-02	-1.04	-0.37	-0.68	-0.49	0.72	-18.81	-0.88	-17.21	-5.35
17	90	1823	2.08	-6.20e-02	2.08	-6.19e-02	-1.44e-02	70.12	-31.25	47.37	-8.50	42.29
17	90	1826	6.31	-0.54	-0.50	6.27	-0.51	540.47	-12.93	-6.72	534.25	58.30
17	90	1827	0.59	-0.59	-0.42	0.42	-0.42	193.00	-6.61	-2.67	189.06	27.77
17	90	1828	0.11	-0.67	-0.13	-0.43	-0.36	65.17	-25.00	51.18	-11.01	32.64
17	90	1831	6.12	-1.73	2.34	2.05	3.92	189.57	-15.04	70.14	104.39	100.86

17	90	1832	3.73	-1.08	0.63	2.02	2.30	223.29	-14.44	51.95	156.90	106.66
17	91	52	-2.98	-67.88	-47.56	-23.30	-30.09	1.442e+04	3422.93	5252.77	1.259e+04	4095.83
17	91	54	56.37	-81.57	-78.28	53.08	-21.04	3.446e+04	3426.58	1.443e+04	2.345e+04	-1.484e+04
17	91	1548	-14.74	-54.75	-52.60	-16.89	9.03	308.19	-201.15	297.60	-190.56	-72.69
17	91	1549	-1.82	-30.87	-30.86	-1.83	0.29	53.36	-1063.09	-1053.09	43.35	105.22
17	91	1550	-0.31	-21.91	-21.86	-0.36	-1.09	46.77	-1791.18	-1786.64	42.22	91.29
17	91	1551	-0.21	-17.81	-17.69	-0.33	-1.43	35.42	-2230.58	-2230.07	34.91	34.00
17	91	1552	-0.11	-19.39	-19.25	-0.25	-1.65	25.80	-2458.86	-2458.42	25.37	-32.89
17	91	1553	-0.13	-20.77	-20.61	-0.30	-1.82	19.35	-2496.89	-2492.59	15.04	-104.04
17	91	1554	-0.20	-21.21	-21.05	-0.36	-1.85	17.98	-2347.66	-2336.15	6.46	-164.63
17	91	1555	-0.13	-20.37	-20.08	-0.42	-2.40	20.06	-2023.55	-2003.26	-0.22	-202.58
17	91	1556	-0.11	-22.29	-22.02	-0.39	-2.45	25.31	-1446.83	-1418.87	-2.65	-200.94
17	91	1557	-0.19	-27.66	-27.28	-0.57	-3.22	43.90	-532.75	-508.42	19.57	-115.93
17	91	1558	2.76	-47.12	-45.28	0.92	-9.39	1058.02	-116.19	965.25	-23.42	316.75
17	91	1559	13.89	-11.71	5.15	-2.97	12.14	797.86	252.96	397.01	653.81	240.30
17	91	1560	8.53	0.94	0.94	8.53	-6.70e-02	288.17	-92.97	-6.03	201.23	159.93
17	91	1561	6.20	-3.24	1.57	1.39	-4.72	472.21	-580.57	-346.10	237.75	438.03
17	91	1562	3.12	-4.50	1.17	-2.55	-3.32	356.76	-1110.28	-983.91	230.39	411.60
17	91	1563	0.67	-3.76	-0.97	-2.12	-2.14	237.08	-1608.21	-1552.83	181.70	314.86
17	91	1564	0.32	-3.16	-1.88	-0.96	-1.67	154.86	-1970.97	-1955.15	139.04	182.73
17	91	1565	0.15	-2.69	-2.03	-0.50	-1.19	117.16	-2187.54	-2183.93	113.54	91.21
17	91	1566	0.54	-2.71	-1.93	-0.24	-1.39	100.33	-2238.33	-2238.32	100.32	4.50
17	91	1567	0.98	-3.00	-1.85	-0.18	-1.80	101.61	-2120.67	-2118.28	99.22	-72.80
17	91	1568	0.60	-2.83	-1.90	-0.33	-1.53	127.73	-1854.59	-1845.20	118.33	-136.16
17	91	1569	-0.33	-2.72	-1.70	-1.35	-1.18	187.73	-1399.80	-1379.50	167.43	-178.35
17	91	1570	-0.19	-4.01	-0.20	-4.00	-0.19	288.33	-788.52	-758.57	258.39	-177.06
17	91	1571	4.99	-8.83	3.86	-7.71	3.78	415.33	-38.06	-28.17	405.44	-66.24
17	91	1572	26.49	2.59	2.78	26.31	-2.10	750.71	-316.35	-234.64	669.00	283.75
17	91	1573	49.78	19.73	20.39	49.12	4.38	1221.75	-4142.02	-2799.72	-120.55	2323.36
17	91	1574	0.90	-67.73	-66.97	0.14	7.18	1147.27	-3882.06	1046.53	-3781.33	704.62
17	91	1575	-4.46	-37.62	-37.40	-4.68	2.68	34.02	-497.17	-491.74	28.58	53.46
17	91	1576	-0.57	-28.11	-28.09	-0.58	-0.71	51.43	-1473.26	-1465.49	43.66	108.59
17	91	1577	-0.22	-16.99	-16.89	-0.32	-1.29	40.99	-2039.83	-2037.82	38.97	64.70
17	91	1578	-0.23	-18.59	-18.48	-0.34	-1.42	30.23	-2369.23	-2369.23	30.23	1.41
17	91	1579	-0.13	-20.15	-19.99	-0.28	-1.75	22.64	-2501.17	-2499.29	20.76	-68.77
17	91	1580	-0.16	-21.23	-21.07	-0.32	-1.85	18.20	-2445.96	-2438.38	10.62	-136.47
17	91	1581	-0.11	-20.95	-20.67	-0.38	-2.38	18.60	-2211.80	-2195.97	2.78	-187.20
17	91	1582	-3.46e-02	-19.35	-19.04	-0.35	-2.44	22.39	-1767.06	-1742.45	-2.22	-208.39
17	91	1583	-0.19	-26.17	-25.89	-0.47	-2.66	38.72	-1049.72	-1021.19	10.18	-173.90
17	91	1584	-0.66	-32.34	-31.63	-1.37	-4.69	135.48	35.15	135.31	35.32	-4.11
17	91	1585	-51.98	-86.43	-83.69	-54.73	-9.33	1754.48	-1654.88	1754.35	-1654.76	20.42
17	91	1586	-5.83	-25.43	-13.96	-17.30	9.66	2422.78	285.95	1505.18	1203.54	1057.72
17	91	1587	11.54	-17.81	3.21	-9.48	13.23	1511.92	436.82	793.99	1154.74	506.38
17	91	1588	9.08	-11.09	5.26	-7.27	7.90	531.04	237.18	259.96	508.26	78.58
17	91	1589	1.84	-6.22	1.66	-6.04	1.19	350.21	-418.56	-391.33	322.97	-142.11
17	91	1590	-0.75	-2.89	-1.19	-2.45	-0.86	233.29	-1112.39	-1086.23	207.12	-185.81
17	91	1591	0.14	-2.82	-1.88	-0.80	-1.38	152.84	-1647.67	-1633.21	138.38	-160.70
17	91	1592	0.82	-2.88	-1.84	-0.22	-1.66	110.99	-2008.93	-2003.57	105.63	-106.52
17	91	1593	1.10	-3.18	-1.90	-0.18	-1.96	98.53	-2200.62	-2200.07	97.98	-35.62
17	91	1594	0.74	-3.06	-1.98	-0.34	-1.71	106.19	-2233.89	-2232.95	105.25	47.01
17	91	1595	0.26	-2.96	-2.01	-0.69	-1.46	132.60	-2099.68	-2091.31	124.23	136.45
17	91	1596	0.51	-3.27	-1.56	-1.20	-1.88	189.06	-1806.53	-1775.64	158.17	246.35
17	91	1597	1.41	-4.23	-0.22	-2.60	-2.56	292.94	-1372.83	-1287.44	207.55	367.36
17	91	1598	5.00	-4.48	2.13	-1.61	-4.36	419.72	-836.07	-658.05	241.70	438.03
17	91	1599	8.38	-1.31	0.91	6.16	-4.07	528.70	-439.47	-107.56	196.80	459.54
17	91	1600	9.44	-3.50	1.18e-02	5.93	-5.76	906.62	-74.33	123.52	708.76	393.62
17	91	1601	5.53	-3.57	2.75	-0.79	-4.19	854.30	-440.93	-242.12	655.49	466.88
17	91	1602	1.69	-3.45	0.81	-2.57	-1.93	680.31	-818.22	-652.46	514.55	470.03
17	91	1603	-2.19	-4.40	-3.61	-2.98	-1.06	511.61	-1154.78	-1033.41	390.23	433.04
17	91	1604	-2.22	-7.30	-7.07	-2.45	-1.05	382.01	-1447.70	-1363.18	297.49	384.07
17	91	1605	-1.83	-8.49	-8.23	-2.09	-1.28	285.27	-1693.28	-1640.48	232.46	318.88
17	91	1606	-0.91	-9.17	-8.89	-1.20	-1.51	215.12	-1895.06	-1868.12	188.17	236.93
17	91	1607	-0.58	-9.53	-9.22	-0.89	-1.64	173.16	-2064.98	-2048.78	156.96	189.75
17	91	1608	-0.40	-9.65	-9.35	-0.71	-1.65	144.31	-2192.17	-2183.53	135.66	141.82
17	91	1609	-0.32	-9.62	-9.36	-0.58	-1.54	123.61	-2276.71	-2273.11	120.00	92.94
17	91	1610	-2.67e-02	-9.70	-9.28	-0.44	-1.96	109.89	-2318.64	-2317.87	109.12	43.29
17	91	1611	-1.62e-02	-9.52	-9.19	-0.34	-1.74	102.58	-2318.03	-2318.01	102.57	-5.65
17	91	1612	0.19	-9.64	-9.15	-0.30	-2.14	100.89	-2274.75	-2273.60	99.74	-52.27
17	91	1613	0.16	-9.58	-9.15	-0.27	-2.00	106.07	-2188.56	-2184.59	102.11	-95.29
17	91	1614	7.87e-02	-9.66	-9.29	-0.30	-1.88	119.43	-2069.67	-2061.48	111.24	-133.61
17	91	1615	-7.55e-02	-9.90	-9.55	-0.42	-1.81	142.44	-1906.08	-1892.55	128.91	-165.96
17	91	1616	-0.31	-10.13	-9.78	-0.65	-1.82	178.10	-1685.96	-1666.27	158.41	-190.57
17	91	1617	-0.97	-10.33	-9.90	-1.39	-1.95	229.12	-1418.68	-1392.75	203.20	-205.06
17	91	1618	-1.74	-10.38	-9.73	-2.39	-2.27	301.76	-1101.15	-1070.35	270.96	-205.57
17	91	1619	-3.13	-10.17	-8.85	-4.45	-2.74	400.20	-729.95	-698.36	368.61	-186.30
17	91	1620	-4.35	-10.19	-6.53	-8.01	-2.82	530.35	-276.78	-253.30	506.87	-135.64
17	91	1621	-2.06	-13.83	-2.14	-13.75	-0.97	695.01	243.94	245.84	693.10	-29.26

17	91	1622	3.71	-18.49	2.61	-17.39	4.81	1086.70	551.92	735.63	903.00	253.96
17	91	1623	9.08	1.58	7.78	2.88	-2.84	3478.44	742.50	1112.05	3108.90	-935.15
17	91	1624	1.49	-3.19	-3.14	1.44	-0.48	1077.48	30.09	33.21	1074.35	57.14
17	91	1625	-2.51	-15.08	-14.87	-2.72	1.60	630.03	-649.12	-599.11	580.02	247.94
17	91	1626	-2.45	-16.90	-16.88	-2.47	0.55	439.48	-1124.71	-1058.34	373.11	315.30
17	91	1627	-1.94	-17.44	-17.43	-1.95	-0.43	327.28	-1492.86	-1432.21	266.63	326.67
17	91	1628	-0.90	-17.65	-17.58	-0.97	-1.11	252.92	-1780.80	-1733.53	205.65	306.43
17	91	1629	-0.65	-16.25	-16.10	-0.80	-1.52	200.82	-2007.00	-1973.81	167.64	268.62
17	91	1630	-0.44	-15.08	-14.87	-0.65	-1.75	162.30	-2180.93	-2159.88	141.25	221.12
17	91	1631	-0.32	-12.70	-12.44	-0.58	-1.78	134.03	-2307.27	-2295.64	122.40	168.08
17	91	1632	-0.24	-13.31	-13.06	-0.49	-1.81	112.74	-2388.23	-2383.27	107.78	111.22
17	91	1633	-0.21	-13.89	-13.61	-0.49	-1.95	97.63	-2425.02	-2423.96	96.57	51.75
17	91	1634	-0.22	-14.30	-14.05	-0.47	-1.86	88.26	-2418.32	-2418.30	88.24	-7.69
17	91	1635	-0.14	-14.61	-14.35	-0.40	-1.93	84.40	-2368.16	-2366.47	82.71	-64.38
17	91	1636	-0.16	-14.51	-14.28	-0.39	-1.81	87.31	-2273.99	-2268.25	81.57	-116.30
17	91	1637	-0.18	-14.13	-13.92	-0.39	-1.69	96.91	-2145.70	-2134.01	85.23	-161.45
17	91	1638	-0.24	-15.83	-15.64	-0.43	-1.70	114.48	-1969.48	-1950.62	95.62	-197.33
17	91	1639	-0.36	-17.88	-17.71	-0.53	-1.71	142.20	-1730.91	-1704.60	115.89	-220.42
17	91	1640	-0.55	-18.38	-18.18	-0.75	-1.88	183.72	-1435.83	-1403.84	151.72	-225.36
17	91	1641	-0.97	-19.21	-18.87	-1.31	-2.47	243.77	-1074.61	-1042.32	211.48	-203.77
17	91	1642	-1.92	-20.59	-19.80	-2.72	-3.77	340.35	-633.57	-612.30	319.09	-142.32
17	91	1643	-3.48	-22.76	-20.36	-5.87	-6.36	501.82	-70.97	-70.41	501.26	-17.95
17	91	1644	-2.74	-25.34	-12.66	-15.43	-11.22	1033.62	448.73	615.91	866.44	264.26
17	91	1645	-6.41	-28.53	-7.91	-27.04	-5.56	2763.84	900.73	1731.05	1933.52	926.03
17	91	1683	10.15	-0.17	9.91	6.57e-02	1.54	31.57	-60.76	-28.27	-0.92	44.09
17	91	1684	4.84e-02	-0.32	-0.13	-0.14	0.19	15.57	-4.51e-03	15.56	-1.59e-04	-0.26
17	91	1685	0.71	-0.16	0.69	-0.14	0.13	18.91	-418.48	-411.35	11.78	55.40
17	91	1686	4.91	-4.77e-02	4.87	-7.93e-03	0.44	18.32	-906.35	-902.87	14.84	56.62
17	91	1687	9.56	-1.28e-02	9.45	9.92e-02	1.03	14.15	-1378.70	-1378.14	13.59	27.86
17	91	1688	13.05	-5.97e-02	12.88	0.12	1.51	12.07	-1763.85	-1763.78	12.00	-11.27
17	91	1689	15.37	1.65e-02	15.27	0.11	1.20	10.95	-2010.91	-2010.11	10.15	-40.07
17	91	1690	17.20	-2.36e-02	17.10	7.72e-02	1.31	9.76	-2096.51	-2094.75	8.00	-60.81
17	91	1691	18.70	2.33e-02	18.65	7.63e-02	0.99	7.38	-2013.62	-2011.11	4.87	-71.13
17	91	1692	19.59	3.40e-02	19.54	8.01e-02	0.95	6.00	-1775.42	-1772.67	3.25	-70.00
17	91	1693	19.20	5.88e-02	19.16	0.10	0.92	4.29	-1388.49	-1386.19	1.99	-56.54
17	91	1694	23.46	6.84e-02	23.42	0.11	0.95	-1.31	-891.47	-890.45	-2.32	-30.02
17	91	1695	19.32	-3.37e-02	19.21	7.86e-02	1.47	-3.51	-393.22	-393.18	-3.54	3.81
17	91	1696	0.21	-0.16	-4.60e-02	0.10	0.17	46.34	-135.63	14.26	-103.55	69.34
17	91	1697	2.99	-3.40e-02	-3.21e-02	2.99	7.68e-02	104.98	-145.20	12.31	-52.54	120.82
17	91	1710	13.23	-7.57	5.76	-9.49e-02	9.98	372.52	82.95	151.21	304.26	122.91
17	91	1711	11.14	-3.65	6.99	0.50	6.64	147.91	-38.88	23.09	85.94	87.95
17	91	1712	15.25	-5.58e-02	15.13	7.20e-02	1.39	-1.65	-191.39	-188.77	-4.27	22.12
17	91	1713	21.96	5.99e-02	21.92	0.10	0.97	-2.66	-633.91	-633.60	-2.97	-13.90
17	91	1714	21.40	8.12e-02	21.36	0.12	0.93	3.40	-1147.74	-1145.99	1.64	-44.92
17	91	1715	19.50	4.60e-02	19.46	9.04e-02	0.93	5.16	-1603.40	-1600.78	2.54	-64.88
17	91	1716	19.37	3.39e-02	19.32	8.29e-02	0.97	6.77	-1909.71	-1907.00	4.05	-72.04
17	91	1717	17.96	1.70e-02	17.90	7.38e-02	1.01	7.82	-2076.13	-2073.96	5.65	-67.35
17	91	1718	16.33	-1.48e-02	16.23	8.29e-02	1.26	10.37	-2074.62	-2073.33	9.09	-51.65
17	91	1719	14.26	2.50e-02	14.17	0.11	1.13	11.57	-1906.62	-1906.25	11.21	-26.44
17	91	1720	11.47	-3.79e-02	11.32	0.11	1.30	12.79	-1586.03	-1586.02	12.78	4.67
17	91	1721	7.33	-2.03e-02	7.26	5.36e-02	0.73	16.34	-1149.35	-1147.34	14.33	48.42
17	91	1722	2.56	-0.11	2.54	-8.95e-02	0.22	20.30	-660.17	-654.95	15.08	59.38
17	91	1723	3.87e-02	-0.35	-0.18	-0.14	0.19	14.63	-175.88	-167.01	5.75	40.16
17	91	1724	1.64	-0.35	0.51	0.79	-0.99	98.44	-347.84	-170.04	-79.36	218.49
17	91	1725	3.06	-1.06	1.59	0.40	-1.97	82.42	-528.56	-418.90	-27.24	234.47
17	91	1726	4.27	-1.64	2.86	-0.22	-2.52	88.02	-757.78	-676.08	6.32	249.85
17	91	1727	5.25	-1.78	4.14	-0.68	-2.56	91.06	-999.69	-937.97	29.34	252.02
17	91	1728	6.07	-1.51	5.36	-0.80	-2.21	91.08	-1239.63	-1193.43	44.88	243.60
17	91	1729	6.84	-1.01	6.44	-0.62	-1.72	86.88	-1463.77	-1430.96	54.07	223.14
17	91	1730	7.56	-0.62	7.39	-0.46	-1.15	78.01	-1660.74	-1641.31	58.58	182.78
17	91	1731	8.28	-0.27	8.23	-0.21	-0.67	71.52	-1829.83	-1818.26	59.94	147.89
17	91	1732	9.01	-0.13	8.98	-0.10	-0.52	66.23	-1964.50	-1957.66	59.39	117.67
17	91	1733	9.65	4.23e-02	9.64	4.52e-02	-0.17	61.03	-2060.62	-2056.96	57.36	88.10
17	91	1734	10.27	0.10	10.26	0.11	-0.26	56.76	-2116.35	-2114.69	55.10	60.04
17	91	1735	10.83	1.34e-02	10.83	1.34e-02	-9.65e-03	53.20	-2130.62	-2130.09	52.67	34.03
17	91	1736	11.35	2.57e-02	11.34	3.53e-02	-0.33	49.59	-2102.97	-2102.92	49.54	10.38
17	91	1737	11.79	6.63e-02	11.79	7.00e-02	-0.21	47.52	-2033.45	-2033.39	47.46	-10.63
17	91	1738	12.16	9.17e-02	12.16	9.25e-02	-9.42e-02	46.21	-1922.71	-1922.29	45.79	-28.75
17	91	1739	12.42	3.81e-02	12.42	3.83e-02	4.33e-02	44.56	-1781.60	-1780.56	43.51	-43.61
17	91	1740	12.33	-3.58e-03	12.32	1.30e-03	0.25	44.02	-1602.38	-1600.57	42.21	-54.55
17	91	1741	11.97	-0.19	11.94	-0.16	0.57	43.38	-1379.59	-1377.02	40.81	-60.46
17	91	1742	11.47	-0.45	11.37	-0.35	1.10	42.21	-1129.91	-1126.86	39.16	-59.76
17	91	1743	12.59	-0.85	12.31	-0.57	1.93	40.39	-863.49	-860.66	37.57	-50.45
17	91	1744	13.70	-1.38	13.08	-0.76	3.00	39.02	-595.23	-593.59	37.37	-32.24
17	91	1745	13.02	-2.18	11.60	-0.77	4.42	41.36	-345.74	-345.72	41.34	-3.04
17	91	1746	12.19	-3.05	9.54	-0.40	5.78	60.48	-134.76	-128.15	53.87	35.32
17	91	1747	4.46	-0.96	0.55	2.95	-2.43	270.01	-445.41	-149.20	-26.21	352.38

17	91	1748	5.19	-2.21	1.45	1.53	-3.70	218.29	-583.36	-392.30	27.24	341.55
17	91	1749	5.19	-3.40	2.20	-0.41	-4.09	202.18	-802.14	-666.51	66.55	343.25
17	91	1750	5.05	-3.69	2.86	-1.50	-3.78	187.65	-1048.49	-952.53	91.69	330.76
17	91	1751	4.74	-3.27	3.23	-1.76	-3.13	171.23	-1296.03	-1228.89	104.09	306.61
17	91	1752	4.44	-2.62	3.40	-1.58	-2.50	151.61	-1524.78	-1480.15	106.98	269.86
17	91	1753	4.26	-1.80	3.53	-1.07	-1.97	131.51	-1724.52	-1697.49	104.48	222.36
17	91	1754	4.17	-1.15	3.70	-0.67	-1.51	113.34	-1889.82	-1876.31	99.83	163.94
17	91	1755	4.17	-0.73	3.90	-0.47	-1.11	101.89	-2021.80	-2014.51	94.61	124.16
17	91	1756	4.24	-0.41	4.13	-0.30	-0.71	92.82	-2114.05	-2110.72	89.49	85.63
17	91	1757	4.66	-0.45	4.38	-0.17	-1.17	86.08	-2165.31	-2164.25	85.03	48.76
17	91	1758	4.76	-0.23	4.61	-9.01e-02	-0.83	81.60	-2174.87	-2174.78	81.51	13.94
17	91	1759	5.20	-0.40	4.83	-4.12e-02	-1.38	79.28	-2142.40	-2142.25	79.13	-18.43
17	91	1760	5.30	-0.30	5.02	-2.09e-02	-1.22	79.43	-2067.93	-2066.85	78.35	-48.10
17	91	1761	5.39	-0.24	5.18	-2.16e-02	-1.08	82.62	-1962.05	-1959.31	79.88	-74.77
17	91	1762	5.46	-0.36	5.31	-0.22	-0.90	88.09	-1804.71	-1799.62	83.00	-97.98
17	91	1763	5.51	-0.56	5.44	-0.49	-0.64	97.93	-1617.77	-1609.76	89.93	-116.91
17	91	1764	5.58	-0.87	5.57	-0.86	-0.24	111.00	-1384.24	-1372.85	99.61	-130.00
17	91	1765	5.68	-1.49	5.65	-1.46	0.43	126.78	-1119.13	-1104.43	112.08	-134.54
17	91	1766	6.76	-2.53	6.50	-2.28	1.52	144.40	-830.51	-813.87	127.75	-126.29
17	91	1767	7.94	-4.01	7.03	-3.10	3.16	163.44	-531.99	-516.85	148.30	-101.48
17	91	1768	9.59	-5.52	7.53	-3.46	5.18	185.25	-230.71	-223.84	178.37	-53.04
17	91	1769	11.43	-7.02	7.09	-2.69	7.82	234.69	13.94	15.61	233.02	19.14
17	91	1797	13.63	-6.03	3.54	4.06	9.83	506.08	75.70	182.76	399.02	186.05
17	91	1798	13.38	-2.62	1.16	9.60	6.79	610.30	11.17	106.83	514.64	219.46
17	91	1804	105.41	-0.81	-0.77	105.37	2.05	3164.04	23.67	26.47	3161.24	93.79
17	91	1805	9.40	-28.61	-28.61	9.39	-0.51	3548.88	-528.82	-402.36	3422.42	706.88
17	91	1806	28.29	0.64	0.67	28.27	0.88	1195.84	-23.09	-8.00	1180.75	134.77
17	91	1807	18.21	-8.88	3.72	5.61	13.52	1052.55	181.58	385.72	848.42	368.95
17	91	1809	18.10	-17.27	-17.01	17.84	3.02	3340.24	-164.90	-142.18	3317.52	281.28
17	91	1810	82.54	0.37	0.41	82.50	1.83	3317.44	-70.67	-45.05	3291.83	293.46
17	91	1811	52.39	0.49	0.53	52.35	1.34	2157.43	-47.34	-21.19	2131.28	238.68
17	91	1812	23.00	-3.08	1.46	18.46	9.89	1248.36	23.43	200.61	1071.18	430.86
17	91	1815	19.42	-11.75	2.19	5.48	15.50	2021.10	294.96	719.97	1596.09	743.64
17	91	1816	33.47	-3.92	0.72	28.83	12.32	2288.40	-20.77	301.75	1965.88	800.46
17	91	1818	5.22	-12.45	-8.32	1.09	7.48	4232.85	286.38	1038.96	3480.27	1550.38
17	91	1819	38.06	-3.17	-0.59	35.47	10.00	3665.82	-283.13	67.36	3315.32	1123.05
17	91	1822	-7.28e-03	-0.17	-6.09e-02	-0.12	-7.65e-02	3.89	-7.23	3.73	-7.07	-1.34
17	91	1823	4.78	-0.12	4.53	0.13	1.08	92.60	-29.88	61.39	1.34	53.37
17	91	1826	12.34	0.19	0.24	12.29	0.77	585.56	-10.08	-2.17	577.65	68.18
17	91	1827	2.41	5.72e-02	0.12	2.34	0.39	214.22	-4.50	0.84	208.88	33.75
17	91	1828	0.94	5.58e-02	0.79	0.21	0.34	78.33	-20.67	59.04	-1.38	39.21
17	91	1831	9.05	-3.08	4.22	1.75	5.94	217.95	-12.76	81.27	123.93	113.36
17	91	1832	6.13	-1.14	1.60	3.39	3.52	246.29	-12.22	57.97	176.10	114.97

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-167.99	-165.12	-77.63	-32.13		-4523.21	-2831.94	-3911.14	-1.523e+04
	138.96		138.73	125.86	20.88	3.532e+04		1.502e+04	2.389e+04	4131.54

Macro	Tipo	Angolo 1-X (gradi)
18	Guscio	0.0

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
18	3	58	6.34	-39.27	-18.44	-14.48	22.72	1581.08	731.65	802.07	1510.66	-234.22
18	3	60	47.84	-17.57	39.90	-9.63	21.36	911.26	119.38	818.76	211.88	254.35
18	3	1770	7.49	-36.37	-22.10	-6.78	20.55	702.81	322.07	458.87	566.01	-182.68
18	3	1771	2.08	-41.33	-24.80	-14.45	21.08	72.29	10.52	72.19	10.63	-2.51
18	3	1772	-5.75	-43.09	-24.86	-23.98	18.66	-33.91	-420.09	-121.04	-332.96	161.42
18	3	1773	-7.84	-43.55	-22.46	-28.93	17.56	-52.01	-707.24	-225.99	-533.25	289.36
18	3	1774	-8.52	-43.00	-18.70	-32.82	15.72	-52.87	-867.61	-274.63	-645.85	362.62
18	3	1775	-7.94	-42.01	-14.12	-35.83	13.12	-40.72	-902.06	-275.89	-666.89	383.74
18	3	1776	-6.01	-39.69	-9.06	-36.64	9.66	-6.67	-805.31	-229.70	-582.28	358.30
18	3	1777	-3.80	-36.60	-4.68	-35.73	5.28	66.66	-603.47	-122.87	-413.94	301.81
18	3	1778	6.18	-32.00	5.82	-31.64	3.69	304.88	-285.66	113.92	-94.70	276.23
18	3	1780	18.33	-33.41	-33.36	18.28	1.63	-15.82	-404.71	-153.18	-267.35	185.87
18	3	1781	20.28	-31.92	-29.97	18.33	9.91	-65.98	-501.41	-279.68	-287.71	217.67
18	3	1782	31.21	-25.95	-12.33	17.59	24.35	-4.02	-456.54	-263.33	-197.23	223.83
18	3	1783	25.14	-36.51	-17.20	5.84	28.59	105.47	-327.51	-207.84	-14.21	193.64
18	3	1784	16.29	-44.33	-20.33	-7.70	29.64	322.74	-125.60	-88.26	285.40	123.89
18	3	1785	-1.39	-50.78	-28.50	-23.66	24.58	770.31	169.84	172.03	768.12	36.22
18	3	1786	2.97	-46.71	-13.37	-30.37	23.34	501.12	-48.94	-20.76	472.93	-121.29

18	3	1787	26.14	4.38	15.39	15.13	-10.88	-11.71	-311.73	-123.75	-199.69	145.13
18	3	1788	1.91	-32.53	-14.98	-15.64	17.22	740.27	-48.01	65.10	627.16	-276.35
18	3	1789	4.39	-13.54	-6.87	-2.28	8.67	608.92	-40.69	68.62	499.61	-243.02
18	3	1790	18.47	-2.38	-2.28	18.37	-1.45	172.88	-2.64	19.79	150.45	-58.60
18	3	1791	37.25	0.85	4.63	33.46	-11.11	11.16	-290.51	-98.10	-181.25	144.99
18	3	1792	53.51	3.36	11.78	45.09	-18.75	16.16	-626.66	-189.66	-420.84	299.91
18	3	1793	63.14	4.52	16.54	51.12	-23.66	11.86	-827.28	-236.32	-579.11	382.96
18	3	1794	65.79	5.13	19.43	51.48	-25.75	6.40	-892.57	-245.23	-640.93	403.60
18	3	1795	60.69	4.62	19.82	45.49	-24.93	2.90	-817.98	-223.05	-592.02	366.64
18	3	1796	45.77	2.61	16.86	31.52	-20.29	3.52	-609.32	-172.38	-433.42	277.23
18	3	1799	-101.47	-339.87	-235.90	-205.43	118.22	99.01	-183.25	-86.03	1.79	134.12
18	3	1800	-3.40	-208.09	-58.75	-152.74	90.91	102.51	-325.67	-81.22	-141.94	211.93
18	3	1801	5.52e-02	-152.59	-34.06	-118.47	63.59	69.80	-331.15	-124.88	-136.47	200.39
18	3	1802	2.91	-116.78	-24.05	-89.83	50.00	107.07	-194.12	-105.05	18.00	137.45
18	3	1803	0.78	-74.86	-19.46	-54.62	33.49	283.35	-71.30	-69.37	281.42	26.09
18	3	1834	16.40	8.48	14.27	10.62	-3.51	-10.92	-61.26	-54.66	-17.52	17.00
18	3	1835	40.85	15.93	36.71	20.07	9.28	276.74	-114.91	34.55	127.28	190.26
18	3	1836	20.79	-5.14	20.77	-5.12	0.69	78.84	-80.68	-47.09	45.25	65.04
18	3	1837	-37.00	-106.65	-97.79	-45.86	23.21	4.16	-223.84	-118.56	-101.12	113.67
18	3	1838	-29.58	-82.06	-69.40	-42.24	22.45	-1.80	-257.66	-86.70	-172.76	120.47
18	3	1839	6.60	-34.60	-17.59	-10.40	20.28	940.29	-83.94	22.70	833.65	-312.82
18	3	1840	13.14	-8.74	7.97	-3.57	-9.30	49.17	-594.30	-165.00	-380.12	303.22
18	3	1841	7.14	-2.97	-1.96	6.13	-3.02	-11.95	-842.39	-246.04	-608.30	373.63
18	3	1842	10.13	-5.20	4.93	9.12e-04	-7.26	6.21	-807.00	-228.73	-572.06	368.59
18	3	1843	7.22	-17.71	-14.01	3.53	8.86	135.85	26.31	105.61	56.54	-48.97
18	3	1844	7.15	-6.16	-6.15	7.15	0.25	-2.64	-660.50	-187.70	-475.44	295.80
18	3	1845	8.18	-2.56	1.78	3.84	-5.27	-11.31	-893.01	-257.51	-646.82	395.54
18	3	1846	7.50	-11.44	-10.33	6.39	4.45	14.67	-348.17	-69.77	-263.73	153.32
18	3	1847	8.47	-21.43	-13.21	0.25	13.35	685.36	64.66	261.92	488.10	-289.01
18	3	1848	9.92e-02	-55.07	-24.63	-30.34	27.44	714.04	-61.83	-60.95	713.15	-26.25
18	3	1849	6.12	-66.60	-23.85	-36.63	35.80	361.26	-148.69	-113.55	326.12	129.16
18	3	1850	7.15	-79.83	-23.78	-48.90	41.64	165.38	-299.47	-166.76	32.66	209.95
18	3	1851	7.14	-92.75	-26.40	-59.21	47.17	79.40	-411.12	-195.39	-136.34	243.47
18	3	1852	17.33	-4.81	15.91	-3.39	-5.43	131.97	-238.88	-67.38	-39.52	184.90
18	3	1853	-12.86	-92.77	-47.29	-58.34	39.57	19.10	-396.27	-188.86	-188.31	207.68
18	7	58	7.94	-37.83	-18.17	-11.72	22.65	1580.61	730.54	800.86	1510.29	-234.15
18	7	60	47.74	-17.57	39.80	-9.63	21.34	909.92	119.04	817.25	211.71	254.37
18	7	1770	7.90	-36.05	-22.04	-6.11	20.48	703.17	322.22	459.11	566.29	-182.78
18	7	1771	2.35	-41.12	-24.69	-14.08	21.08	67.39	10.84	67.27	10.96	-2.62
18	7	1772	-5.69	-42.95	-24.76	-23.87	18.62	-33.94	-419.85	-121.27	-332.52	161.47
18	7	1773	-7.79	-43.41	-22.39	-28.82	17.52	-51.93	-707.53	-226.26	-533.20	289.65
18	7	1774	-8.49	-42.87	-18.65	-32.71	15.68	-52.90	-868.21	-274.93	-646.19	362.94
18	7	1775	-7.92	-41.88	-14.09	-35.72	13.09	-40.75	-902.62	-276.20	-667.16	384.05
18	7	1776	-5.99	-39.58	-9.03	-36.54	9.63	-6.71	-805.77	-230.04	-582.44	358.57
18	7	1777	-3.82	-36.52	-4.68	-35.66	5.24	66.53	-603.79	-123.31	-413.95	302.02
18	7	1778	6.17	-31.96	5.81	-31.60	3.67	304.51	-286.02	113.16	-94.66	276.38
18	7	1780	18.69	-33.27	-33.22	18.64	1.57	-25.76	-409.91	-168.80	-266.87	185.71
18	7	1781	20.48	-31.85	-29.90	18.53	9.92	-66.27	-501.19	-280.32	-287.15	217.43
18	7	1782	32.49	-25.46	-12.30	19.33	24.28	-0.57	-460.04	-264.13	-196.47	227.23
18	7	1783	25.50	-36.23	-17.25	6.52	28.48	109.26	-331.20	-208.63	-13.31	197.39
18	7	1784	17.17	-43.51	-20.26	-6.08	29.50	331.22	-127.67	-89.10	292.66	127.32
18	7	1785	6.89e-03	-49.44	-28.32	-21.11	24.46	776.65	168.78	170.99	774.43	36.63
18	7	1786	3.02	-46.71	-13.32	-30.37	23.36	501.38	-49.39	-21.37	473.36	-121.03
18	7	1787	26.11	4.37	15.36	15.12	-10.87	-11.83	-312.02	-124.09	-199.76	145.25
18	7	1788	1.91	-32.48	-15.00	-15.57	17.19	735.66	-43.65	64.51	627.50	-269.42
18	7	1789	5.01	-13.15	-6.88	-1.25	8.63	609.15	-41.25	68.05	499.85	-243.19
18	7	1790	18.66	-2.52	-2.24	18.38	-2.41	171.79	-13.14	7.90	150.75	-58.73
18	7	1791	37.36	0.57	4.61	33.33	-11.49	8.41	-292.04	-102.77	-180.86	145.06
18	7	1792	53.35	3.36	11.75	44.96	-18.69	16.24	-627.01	-189.99	-420.79	300.21
18	7	1793	62.99	4.50	16.49	51.00	-23.61	13.76	-823.28	-236.67	-572.85	383.28
18	7	1794	65.66	5.11	19.38	51.39	-25.70	6.33	-893.18	-245.60	-641.25	403.91
18	7	1795	60.59	4.61	19.78	45.42	-24.88	2.84	-818.48	-223.40	-592.24	366.93
18	7	1796	45.71	2.61	16.83	31.49	-20.26	3.46	-609.69	-172.70	-433.53	277.46
18	7	1799	-101.36	-339.65	-235.76	-205.26	118.17	98.92	-185.53	-89.26	2.65	134.59
18	7	1800	-3.38	-208.05	-58.76	-152.67	90.92	102.94	-335.57	-91.88	-140.75	217.89
18	7	1801	-6.14	-138.66	-34.05	-110.76	54.03	78.80	-339.81	-125.26	-135.75	209.24
18	7	1802	1.63	-106.85	-24.09	-81.13	46.13	111.16	-198.15	-105.70	18.71	141.59
18	7	1803	0.74	-74.94	-19.45	-54.74	33.47	283.96	-71.95	-69.99	281.99	26.38
18	7	1834	16.37	8.48	14.24	10.61	-3.51	-10.95	-61.54	-54.90	-17.59	17.09
18	7	1835	40.77	15.90	36.64	20.04	9.26	276.48	-115.44	33.80	127.24	190.31
18	7	1836	20.75	-5.13	20.73	-5.12	0.68	78.80	-80.96	-47.41	45.26	65.07
18	7	1837	-36.80	-106.40	-97.67	-45.53	23.05	-4.20	-235.09	-138.37	-100.92	113.91
18	7	1838	-29.34	-81.68	-69.21	-41.82	22.30	-1.58	-257.84	-87.37	-172.05	120.93
18	7	1839	5.71	-33.37	-17.45	-10.22	19.20	940.45	-84.61	21.76	834.09	-312.59
18	7	1840	13.28	-8.81	8.01	-3.54	-9.42	49.12	-594.64	-165.37	-380.16	303.43
18	7	1841	7.59	-2.93	-1.96	6.63	-3.04	-12.00	-843.03	-246.37	-608.67	373.95
18	7	1842	10.25	-5.23	4.99	3.47e-02	-7.34	6.17	-807.48	-229.07	-572.24	368.87

18	7	1843	7.43	-17.60	-13.95	3.78	8.84	134.20	25.77	103.04	56.93	-49.07
18	7	1844	7.26	-5.98	-5.98	7.25	0.23	-2.57	-660.82	-188.00	-475.39	296.09
18	7	1845	8.52	-2.65	1.77	4.10	-5.46	-11.36	-893.60	-257.85	-647.11	395.85
18	7	1846	7.52	-11.23	-10.28	6.56	4.12	11.30	-348.95	-74.39	-263.26	153.39
18	7	1847	8.43	-20.81	-13.15	0.77	12.86	680.06	64.10	255.73	488.43	-285.16
18	7	1848	-0.57	-53.23	-24.51	-29.28	26.22	718.00	-62.58	-61.71	717.13	-26.01
18	7	1849	4.82	-65.26	-23.80	-36.64	34.45	368.72	-149.82	-114.28	333.18	131.02
18	7	1850	7.66	-78.65	-23.80	-47.18	41.54	169.41	-303.37	-167.48	33.52	213.96
18	7	1851	7.74	-91.43	-26.37	-57.31	47.11	82.57	-415.86	-197.82	-135.47	247.26
18	7	1852	17.34	-4.86	15.87	-3.38	-5.53	131.87	-239.20	-67.82	-39.51	184.99
18	7	1853	-12.28	-92.17	-46.42	-58.03	39.52	17.90	-397.87	-192.50	-187.47	207.87
18	35	58	2.53	-20.15	-10.44	-7.18	11.22	1534.60	787.03	865.08	1456.54	-228.60
18	35	60	24.89	-9.00	20.80	-4.91	11.05	954.77	194.02	907.53	241.26	183.59
18	35	1770	3.22	-18.31	-11.23	-3.86	10.11	649.71	315.61	452.69	512.63	-164.34
18	35	1771	0.80	-20.35	-11.96	-7.59	10.35	75.96	-19.19	75.73	-18.95	4.73
18	35	1772	-2.83	-21.27	-12.00	-12.10	9.22	-30.90	-428.45	-110.97	-348.37	159.44
18	35	1773	-3.79	-21.50	-10.83	-14.47	8.66	-54.25	-700.36	-212.67	-541.94	277.96
18	35	1774	-4.09	-21.23	-9.01	-16.31	7.75	-53.62	-840.62	-257.50	-636.74	344.80
18	35	1775	-3.79	-20.72	-6.80	-17.70	6.48	-38.29	-855.51	-254.84	-638.96	360.66
18	35	1776	-2.89	-19.55	-4.40	-18.05	4.77	-2.14	-748.14	-203.84	-546.43	331.34
18	35	1777	-1.94	-17.91	-2.39	-17.46	2.64	78.49	-534.20	-87.10	-368.62	272.09
18	35	1778	2.73	-15.51	2.56	-15.34	1.78	322.19	-192.21	167.30	-37.33	235.98
18	35	1780	10.77	-14.90	-14.79	10.66	-1.69	-30.91	-405.46	-140.07	-296.30	170.21
18	35	1781	12.26	-15.28	-14.66	11.63	4.10	-78.13	-487.15	-240.28	-325.01	200.07
18	35	1782	17.27	-12.69	-6.75	11.33	11.95	-33.59	-441.36	-228.76	-246.18	203.70
18	35	1783	14.00	-18.02	-9.09	5.07	14.36	59.88	-299.96	-174.76	-65.33	171.40
18	35	1784	9.25	-22.13	-10.75	-2.12	15.08	270.19	-83.98	-51.24	237.46	102.58
18	35	1785	-0.68	-25.66	-15.35	-10.98	12.30	725.98	220.49	220.96	725.51	15.37
18	35	1786	1.53	-22.03	-6.37	-14.14	11.12	476.78	-31.38	8.41	436.99	-136.51
18	35	1787	13.07	2.19	7.60	7.66	-5.44	-12.49	-265.14	-98.21	-179.42	119.62
18	35	1788	1.00	-14.07	-6.73	-6.33	7.53	720.37	-37.89	91.88	590.60	-285.58
18	35	1789	2.62	-4.36	-2.56	0.83	3.05	588.05	-25.87	97.15	465.03	-245.74
18	35	1790	10.94	-0.69	-0.40	10.64	-1.84	149.93	1.29	28.17	123.05	-57.21
18	35	1791	20.10	0.51	2.87	17.74	-6.38	9.67	-297.77	-89.33	-198.78	143.65
18	35	1792	27.75	1.63	6.22	23.16	-9.94	12.55	-617.88	-175.79	-429.54	288.55
18	35	1793	32.19	2.18	8.46	25.91	-12.21	10.46	-799.39	-218.99	-569.94	364.93
18	35	1794	33.28	2.46	9.79	25.95	-13.13	7.60	-846.20	-224.87	-613.74	380.05
18	35	1795	30.65	2.21	9.93	22.94	-12.65	5.28	-760.98	-200.11	-555.58	339.40
18	35	1796	23.21	1.25	8.46	16.00	-10.31	3.38	-552.08	-150.28	-398.42	248.47
18	35	1799	-52.50	-185.42	-126.32	-111.60	66.05	4.06	-267.15	-176.63	-86.47	127.89
18	35	1800	-0.35	-106.68	-27.28	-79.75	46.24	75.62	-349.94	-63.02	-211.30	199.45
18	35	1801	-3.85e-02	-78.25	-16.99	-61.30	32.23	42.96	-330.69	-97.62	-190.11	181.01
18	35	1802	1.30	-59.10	-12.03	-45.76	25.05	66.53	-169.83	-76.58	-26.71	115.52
18	35	1803	0.36	-37.14	-9.55	-27.23	16.54	243.50	-42.15	-42.02	243.38	5.98
18	35	1834	7.76	3.93	6.72	4.98	-1.70	6.52	-29.67	-29.51	6.36	2.40
18	35	1835	21.27	8.75	19.34	10.67	4.52	249.03	-70.50	83.51	95.03	159.66
18	35	1836	10.42	-2.46	10.40	-2.43	0.57	72.70	-43.00	-14.51	44.22	49.84
18	35	1837	-17.65	-54.36	-50.88	-21.13	10.75	-18.14	-229.70	-92.82	-155.02	101.11
18	35	1838	-14.50	-38.32	-33.84	-18.97	9.30	-5.86	-286.57	-70.42	-222.01	118.13
18	35	1839	3.47	-16.79	-9.10	-4.23	9.83	909.85	-51.64	70.22	788.00	-319.87
18	35	1840	6.84	-4.42	4.06	-1.64	-4.86	54.23	-530.08	-136.46	-339.39	273.97
18	35	1841	3.98	-1.34	-0.65	3.29	-1.79	-12.96	-815.01	-228.92	-599.06	355.77
18	35	1842	5.37	-2.56	2.60	0.21	-3.78	9.68	-749.53	-204.92	-534.93	341.87
18	35	1843	3.62	-7.93	-6.48	2.17	3.83	128.38	9.11	111.33	26.16	-41.76
18	35	1844	3.83	-2.64	-2.63	3.82	-0.25	-5.20	-653.01	-174.13	-484.08	284.42
18	35	1845	4.51	-1.26	1.12	2.13	-2.84	-9.54	-846.62	-237.04	-619.11	372.40
18	35	1846	3.85	-4.98	-4.63	3.49	1.73	15.85	-357.81	-61.76	-280.20	151.57
18	35	1847	4.18	-9.91	-6.44	0.71	6.07	661.67	64.85	280.14	446.37	-286.60
18	35	1848	0.66	-27.28	-12.88	-13.75	13.96	672.52	-27.56	-25.16	670.12	-40.93
18	35	1849	3.74	-33.44	-12.65	-17.04	18.46	314.12	-112.72	-82.48	283.88	109.52
18	35	1850	4.23	-40.16	-12.64	-23.29	21.55	121.06	-274.03	-136.38	-16.59	188.25
18	35	1851	3.96	-46.87	-14.23	-28.68	24.37	46.57	-401.52	-165.55	-189.40	223.73
18	35	1852	9.11	-2.71	8.20	-1.81	-3.14	131.02	-188.06	-33.18	-23.87	159.47
18	35	1853	-6.46	-47.53	-26.10	-27.89	20.51	-0.78	-402.59	-162.49	-240.88	197.05
18	39	58	3.30	-19.51	-10.31	-5.90	11.19	1534.37	786.52	864.51	1456.37	-228.58
18	39	60	24.84	-9.00	20.75	-4.90	11.03	954.10	193.89	906.81	241.18	183.61
18	39	1770	3.41	-18.16	-11.20	-3.55	10.08	649.88	315.68	452.79	512.76	-164.39
18	39	1771	0.93	-20.25	-11.90	-7.42	10.35	73.70	-19.03	73.47	-18.80	4.68
18	39	1772	-2.80	-21.21	-11.95	-12.05	9.20	-30.93	-428.33	-111.09	-348.17	159.47
18	39	1773	-3.77	-21.43	-10.79	-14.41	8.64	-54.22	-700.49	-212.80	-541.91	278.10
18	39	1774	-4.07	-21.16	-8.98	-16.25	7.73	-53.64	-840.90	-257.64	-636.90	344.95
18	39	1775	-3.78	-20.65	-6.78	-17.64	6.46	-38.31	-855.77	-255.00	-639.08	360.80
18	39	1776	-2.89	-19.49	-4.38	-17.99	4.76	-2.16	-748.35	-204.01	-546.50	331.47
18	39	1777	-1.95	-17.86	-2.39	-17.42	2.62	78.42	-534.36	-87.31	-368.63	272.20
18	39	1778	2.72	-15.49	2.55	-15.31	1.76	322.01	-192.39	166.94	-37.32	236.05
18	39	1780	10.94	-14.85	-14.73	10.82	-1.71	-36.02	-407.36	-147.32	-296.07	170.12
18	39	1781	12.35	-15.25	-14.63	11.72	4.10	-78.33	-486.99	-240.59	-324.73	199.95

18	39	1782	17.89	-12.50	-6.73	12.13	11.92	-32.05	-442.92	-229.15	-245.82	205.27
18	39	1783	14.17	-17.90	-9.11	5.38	14.31	61.69	-301.72	-175.14	-64.89	173.14
18	39	1784	9.68	-21.78	-10.72	-1.37	15.02	274.14	-84.96	-51.65	240.83	104.17
18	39	1785	9.43e-03	-25.09	-15.27	-9.81	12.25	728.90	219.99	220.47	728.42	15.56
18	39	1786	1.55	-22.03	-6.34	-14.14	11.13	476.87	-31.57	8.11	437.19	-136.39
18	39	1787	13.05	2.18	7.59	7.65	-5.44	-12.55	-265.28	-98.37	-179.46	119.68
18	39	1788	1.00	-14.04	-6.74	-6.30	7.52	718.06	-35.71	91.59	590.76	-282.40
18	39	1789	2.97	-4.23	-2.57	1.30	3.04	588.15	-26.12	96.88	465.14	-245.82
18	39	1790	11.10	-0.83	-0.38	10.64	-2.28	149.13	-3.22	22.72	123.19	-57.27
18	39	1791	20.15	0.37	2.86	17.67	-6.55	8.30	-298.37	-91.47	-198.60	143.68
18	39	1792	27.67	1.63	6.21	23.09	-9.91	12.58	-618.04	-175.94	-429.52	288.70
18	39	1793	32.11	2.16	8.43	25.84	-12.18	11.29	-797.52	-219.16	-567.07	365.08
18	39	1794	33.21	2.45	9.76	25.89	-13.10	7.57	-846.49	-225.04	-613.88	380.20
18	39	1795	30.60	2.21	9.90	22.90	-12.62	5.24	-761.21	-200.29	-555.68	339.54
18	39	1796	23.17	1.25	8.44	15.98	-10.29	3.35	-552.26	-150.44	-398.47	248.58
18	39	1799	-52.49	-185.33	-126.28	-111.54	66.01	4.05	-268.22	-178.13	-86.04	128.11
18	39	1800	-0.34	-106.65	-27.29	-79.71	46.24	75.11	-353.76	-67.93	-210.72	202.20
18	39	1801	-2.87	-71.84	-16.98	-57.73	27.82	46.93	-334.51	-97.81	-189.77	185.10
18	39	1802	0.70	-54.51	-12.05	-41.75	23.27	68.49	-171.76	-76.90	-26.37	117.44
18	39	1803	0.35	-37.18	-9.54	-27.28	16.53	243.79	-42.45	-42.32	243.65	6.12
18	39	1834	7.75	3.93	6.70	4.97	-1.70	6.49	-29.80	-29.63	6.33	2.45
18	39	1835	21.22	8.73	19.30	10.65	4.51	248.87	-70.71	83.14	95.02	159.68
18	39	1836	10.40	-2.45	10.37	-2.43	0.57	72.68	-43.13	-14.67	44.22	49.86
18	39	1837	-17.55	-54.25	-50.83	-20.98	10.67	-23.80	-233.05	-101.94	-154.92	101.21
18	39	1838	-14.38	-38.15	-33.76	-18.77	9.22	-5.85	-286.55	-70.75	-221.66	118.34
18	39	1839	3.06	-16.24	-9.03	-4.14	9.33	909.91	-51.93	69.77	788.20	-319.76
18	39	1840	6.90	-4.46	4.07	-1.63	-4.91	54.20	-530.25	-136.64	-339.41	274.07
18	39	1841	4.19	-1.32	-0.65	3.52	-1.80	-12.99	-815.31	-229.08	-599.23	355.92
18	39	1842	5.43	-2.57	2.63	0.22	-3.82	9.66	-749.76	-205.08	-535.02	342.00
18	39	1843	3.72	-7.88	-6.45	2.29	3.81	127.43	9.06	110.14	26.34	-41.80
18	39	1844	3.88	-2.56	-2.55	3.87	-0.26	-5.18	-653.15	-174.27	-484.06	284.56
18	39	1845	4.66	-1.30	1.12	2.25	-2.93	-9.56	-846.89	-237.21	-619.25	372.55
18	39	1846	3.87	-4.90	-4.60	3.57	1.58	14.24	-358.11	-63.88	-279.99	151.61
18	39	1847	4.17	-9.64	-6.41	0.94	5.84	659.06	64.78	277.30	446.53	-284.84
18	39	1848	0.37	-26.45	-12.82	-13.26	13.40	674.34	-27.90	-25.52	671.96	-40.81
18	39	1849	3.14	-32.82	-12.63	-17.04	17.84	317.58	-113.26	-82.83	287.15	110.38
18	39	1850	4.49	-39.64	-12.65	-22.50	21.50	122.98	-275.89	-136.73	-16.17	190.11
18	39	1851	4.26	-46.28	-14.22	-27.81	24.34	47.91	-403.59	-166.69	-188.98	225.48
18	39	1852	9.11	-2.73	8.18	-1.80	-3.19	130.96	-188.22	-33.40	-23.86	159.52
18	39	1853	-6.21	-47.24	-25.70	-27.74	20.49	-1.55	-403.11	-164.19	-240.47	197.13
18	67	58	2.24	-18.69	-9.83	-6.62	10.34	1531.14	791.14	869.87	1452.41	-228.17
18	67	60	23.13	-8.34	19.33	-4.54	10.25	958.66	199.12	914.26	243.51	178.18
18	67	1770	2.88	-16.93	-10.40	-3.64	9.31	645.77	315.04	452.24	508.57	-162.95
18	67	1771	0.70	-18.74	-10.97	-7.07	9.52	76.28	-21.49	75.99	-21.21	5.28
18	67	1772	-2.61	-19.60	-11.01	-11.20	8.50	-30.65	-429.10	-110.22	-349.54	159.29
18	67	1773	-3.48	-19.81	-9.93	-13.36	7.98	-54.39	-699.86	-211.66	-542.58	277.09
18	67	1774	-3.74	-19.55	-8.26	-15.04	7.14	-53.66	-838.59	-256.19	-636.06	343.44
18	67	1775	-3.47	-19.08	-6.24	-16.31	5.96	-38.11	-851.98	-253.24	-636.86	358.90
18	67	1776	-2.65	-18.00	-4.04	-16.62	4.40	-1.79	-743.79	-201.87	-543.71	329.28
18	67	1777	-1.80	-16.47	-2.22	-16.05	2.43	79.39	-528.93	-84.37	-265.17	269.82
18	67	1778	2.47	-14.25	2.31	-14.09	1.63	323.53	-185.10	171.37	-32.94	232.90
18	67	1780	10.23	-13.53	-13.38	10.07	-1.94	-31.92	-405.62	-139.06	-298.48	169.00
18	67	1781	11.65	-14.02	-13.49	11.12	3.65	-78.74	-486.36	-237.27	-327.83	198.72
18	67	1782	16.22	-11.69	-6.32	10.85	11.00	-35.52	-440.51	-226.12	-249.91	202.15
18	67	1783	13.15	-16.62	-8.47	5.01	13.27	56.61	-298.06	-172.22	-69.23	169.69
18	67	1784	8.73	-20.44	-10.02	-1.69	13.98	266.17	-80.81	-48.42	233.78	100.95
18	67	1785	-0.61	-23.75	-14.35	-10.01	11.37	722.61	224.30	224.69	722.23	13.78
18	67	1786	1.41	-20.14	-5.83	-12.89	10.18	475.07	-30.18	10.63	434.26	-137.67
18	67	1787	12.07	2.02	7.00	7.08	-5.03	-12.52	-261.61	-96.26	-177.87	117.67
18	67	1788	0.94	-12.65	-6.10	-5.62	6.79	718.94	-37.20	93.92	587.82	-286.27
18	67	1789	2.51	-3.68	-2.23	1.06	2.62	586.55	-24.83	99.31	462.40	-245.94
18	67	1790	10.37	-0.58	-0.25	10.05	-1.87	148.27	1.52	28.82	120.97	-57.11
18	67	1791	18.79	0.48	2.73	16.53	-6.02	9.59	-298.36	-88.66	-200.11	143.54
18	67	1792	25.77	1.50	5.80	21.47	-9.27	12.31	-617.23	-174.73	-430.19	287.69
18	67	1793	29.81	1.99	7.84	23.97	-11.33	10.37	-797.29	-217.67	-569.25	363.55
18	67	1794	30.78	2.25	9.05	23.98	-12.16	7.69	-842.69	-223.31	-611.69	378.26
18	67	1795	28.34	2.03	9.17	21.20	-11.70	5.46	-756.64	-198.36	-552.82	337.33
18	67	1796	21.47	1.14	7.81	14.81	-9.54	3.37	-547.71	-148.59	-395.75	246.28
18	67	1799	-48.80	-173.61	-117.97	-104.45	62.04	-3.15	-273.49	-183.45	-93.19	127.41
18	67	1800	-0.11	-98.92	-24.87	-74.16	42.82	73.96	-352.18	-61.64	-216.59	198.49
18	67	1801	-2.98e-02	-72.57	-15.68	-56.92	29.84	41.30	-331.04	-95.54	-194.20	179.52
18	67	1802	1.19	-54.69	-11.11	-42.40	23.15	63.71	-168.23	-74.41	-30.12	113.84
18	67	1803	0.33	-34.25	-8.79	-25.13	15.24	240.55	-40.00	-39.93	240.48	4.44
18	67	1834	7.10	3.58	6.14	4.54	-1.56	8.23	-27.64	-27.59	8.19	1.29
18	67	1835	19.76	8.20	18.01	9.95	4.15	247.24	-67.46	87.22	92.56	157.33
18	67	1836	9.63	-2.25	9.60	-2.23	0.56	72.26	-40.14	-12.02	44.14	48.68
18	67	1837	-16.16	-50.38	-47.30	-19.24	9.79	-19.19	-230.78	-90.85	-159.12	100.14

18	67	1838	-13.34	-35.00	-31.13	-17.20	8.29	-5.91	-289.04	-69.19	-225.76	117.95
18	67	1839	3.23	-15.44	-8.45	-3.76	9.03	907.65	-49.27	73.83	784.54	-320.38
18	67	1840	6.35	-4.09	3.75	-1.50	-4.51	54.61	-525.18	-134.28	-336.29	271.73
18	67	1841	3.74	-1.22	-0.55	3.07	-1.70	-13.03	-812.95	-227.61	-598.37	354.41
18	67	1842	5.01	-2.36	2.43	0.22	-3.51	9.95	-745.16	-203.10	-532.12	339.83
18	67	1843	3.34	-7.18	-5.90	2.06	3.44	128.06	7.54	111.76	23.85	-41.22
18	67	1844	3.58	-2.38	-2.36	3.56	-0.29	-5.37	-652.46	-173.10	-484.73	283.55
18	67	1845	4.23	-1.16	1.07	2.00	-2.65	-9.41	-843.10	-235.48	-617.03	370.63
18	67	1846	3.57	-4.49	-4.19	3.27	1.52	15.96	-358.56	-61.15	-281.45	151.44
18	67	1847	3.85	-9.03	-5.92	0.74	5.52	659.97	64.76	281.53	443.20	-286.41
18	67	1848	0.71	-25.16	-11.98	-12.48	12.93	669.40	-24.98	-22.43	666.84	-42.04
18	67	1849	3.57	-30.91	-11.80	-15.54	17.14	310.51	-109.98	-80.11	280.64	108.01
18	67	1850	4.02	-37.14	-11.79	-21.34	20.02	117.85	-272.26	-134.06	-20.34	186.58
18	67	1851	3.73	-43.38	-13.29	-26.36	22.63	44.37	-401.07	-163.26	-193.44	222.21
18	67	1852	8.47	-2.55	7.61	-1.68	-2.97	130.96	-184.20	-30.57	-22.67	157.53
18	67	1853	-5.96	-44.09	-24.48	-25.57	19.05	-1.96	-403.39	-160.47	-244.88	196.23
18	71	58	2.95	-18.11	-9.71	-5.45	10.31	1530.93	790.67	869.34	1452.26	-228.14
18	71	60	23.08	-8.34	19.28	-4.54	10.24	958.04	199.00	913.61	243.44	178.20
18	71	1770	3.06	-16.79	-10.37	-3.36	9.29	645.92	315.11	452.34	508.69	-162.99
18	71	1771	0.82	-18.65	-10.92	-6.91	9.53	74.21	-21.35	73.93	-21.07	5.23
18	71	1772	-2.58	-19.54	-10.97	-11.15	8.48	-30.68	-429.00	-110.32	-349.35	159.31
18	71	1773	-3.46	-19.74	-9.90	-13.31	7.96	-54.36	-699.98	-211.78	-542.56	277.22
18	71	1774	-3.73	-19.49	-8.24	-14.99	7.12	-53.68	-838.85	-256.33	-636.20	343.58
18	71	1775	-3.46	-19.02	-6.22	-16.26	5.95	-38.13	-852.22	-253.38	-636.97	359.03
18	71	1776	-2.65	-17.95	-4.03	-16.57	4.38	-1.81	-743.99	-202.02	-543.78	329.41
18	71	1777	-1.81	-16.43	-2.22	-16.02	2.42	79.33	-529.07	-84.57	-365.17	269.91
18	71	1778	2.46	-14.22	2.30	-14.06	1.62	323.36	-185.26	171.03	-32.93	232.96
18	71	1780	10.38	-13.48	-13.32	10.22	-1.97	-36.64	-407.33	-145.70	-298.27	168.92
18	71	1781	11.73	-13.99	-13.46	11.20	3.66	-78.92	-486.21	-237.55	-327.58	198.61
18	71	1782	16.79	-11.52	-6.31	11.58	10.97	-34.11	-441.93	-226.47	-249.57	203.58
18	71	1783	13.32	-16.51	-8.49	5.29	13.23	58.27	-299.67	-172.57	-68.83	171.29
18	71	1784	9.12	-20.13	-10.00	-1.01	13.92	269.79	-81.71	-48.79	236.87	102.41
18	71	1785	2.06e-02	-23.23	-14.28	-8.94	11.32	725.29	223.85	224.24	724.90	13.96
18	71	1786	1.43	-20.13	-5.81	-12.89	10.19	475.15	-30.35	10.36	434.44	-137.55
18	71	1787	12.05	2.01	6.99	7.08	-5.02	-12.58	-261.74	-96.41	-177.91	117.73
18	71	1788	0.93	-12.62	-6.10	-5.59	6.77	716.82	-35.19	93.66	587.97	-283.36
18	71	1789	2.84	-3.57	-2.23	1.50	2.61	586.64	-25.06	99.07	462.51	-246.01
18	71	1790	10.53	-0.71	-0.23	10.05	-2.27	147.51	-2.59	23.83	121.09	-57.16
18	71	1791	18.83	0.36	2.72	16.47	-6.17	8.34	-298.90	-90.62	-199.95	143.57
18	71	1792	25.69	1.50	5.79	21.41	-9.24	12.34	-617.38	-174.87	-430.17	287.82
18	71	1793	29.73	1.98	7.81	23.91	-11.30	11.12	-795.57	-217.82	-566.63	363.69
18	71	1794	30.71	2.24	9.02	23.93	-12.13	7.66	-842.95	-223.47	-611.82	378.39
18	71	1795	28.29	2.02	9.15	21.17	-11.68	5.43	-756.86	-198.52	-552.91	337.45
18	71	1796	21.44	1.14	7.79	14.79	-9.53	3.34	-547.88	-148.74	-395.80	246.38
18	71	1799	-48.79	-173.53	-117.93	-104.40	62.00	-3.16	-274.46	-184.82	-92.80	127.61
18	71	1800	-0.10	-98.90	-24.88	-74.12	42.82	73.44	-355.62	-66.13	-216.06	201.01
18	71	1801	-2.62	-66.70	-15.67	-53.65	25.80	44.92	-334.51	-95.71	-193.88	183.26
18	71	1802	0.64	-50.49	-11.12	-38.73	21.52	65.50	-170.00	-74.69	-29.81	115.59
18	71	1803	0.32	-34.28	-8.79	-25.17	15.24	240.81	-40.28	-40.20	240.73	4.57
18	71	1834	7.08	3.58	6.12	4.54	-1.56	8.20	-27.75	-27.70	8.15	1.33
18	71	1835	19.72	8.18	17.97	9.93	4.14	247.10	-67.66	86.89	92.55	157.35
18	71	1836	9.60	-2.25	9.58	-2.22	0.56	72.24	-40.26	-12.17	44.14	48.70
18	71	1837	-16.08	-50.29	-47.26	-19.10	9.72	-24.50	-233.72	-99.19	-159.03	100.24
18	71	1838	-13.23	-34.85	-31.06	-17.02	8.22	-5.91	-289.02	-69.49	-225.44	118.14
18	71	1839	2.86	-14.93	-8.39	-3.68	8.58	907.69	-49.54	73.42	784.73	-320.29
18	71	1840	6.41	-4.12	3.77	-1.48	-4.56	54.59	-525.34	-134.44	-336.31	271.83
18	71	1841	3.92	-1.20	-0.55	3.28	-1.70	-13.06	-813.22	-227.76	-598.52	354.54
18	71	1842	5.06	-2.37	2.45	0.24	-3.54	9.93	-745.37	-203.25	-532.19	339.95
18	71	1843	3.43	-7.13	-5.87	2.17	3.43	127.18	7.50	110.67	24.01	-41.26
18	71	1844	3.62	-2.30	-2.29	3.60	-0.30	-5.35	-652.59	-173.23	-484.71	283.68
18	71	1845	4.37	-1.20	1.07	2.10	-2.73	-9.43	-843.36	-235.63	-617.15	370.77
18	71	1846	3.59	-4.41	-4.17	3.34	1.38	14.48	-358.83	-63.09	-281.25	151.46
18	71	1847	3.85	-8.79	-5.90	0.96	5.31	657.56	64.71	278.93	443.35	-284.80
18	71	1848	0.44	-24.40	-11.93	-12.03	12.42	671.07	-25.30	-22.76	668.53	-41.94
18	71	1849	3.02	-30.34	-11.78	-15.53	16.57	313.68	-110.47	-80.43	283.64	108.81
18	71	1850	4.25	-36.66	-11.79	-20.62	19.98	119.61	-273.95	-134.38	-19.96	188.29
18	71	1851	4.00	-42.84	-13.28	-25.56	22.60	45.58	-402.95	-164.31	-193.06	223.81
18	71	1852	8.48	-2.57	7.59	-1.68	-3.01	130.91	-184.34	-30.77	-22.67	157.57
18	71	1853	-5.73	-43.82	-24.12	-25.44	19.03	-2.68	-403.85	-162.03	-244.51	196.30
M_G			N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			65.79	-339.87	-235.90	-205.43	-25.75	-902.62	-280.32	-667.16	-320.38	
					39.90	51.48	118.22	1581.08	914.26	1510.66	403.91	

Macro	Tipo	Angolo 1-X (gradi)
19	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
19	25	44	-1.96	-16.98	-12.37	-6.58	6.93	2532.16	561.19	2507.01	586.35	-221.25
19	25	52	8.16	-24.27	0.72	-16.83	13.64	4700.91	-2309.88	39.44	2351.58	-3309.27
19	25	56	-6.68	-25.62	-21.35	-10.95	-7.91	1040.42	553.65	908.43	685.64	216.40
19	25	1804	126.86	-2.54e-02	1.74	125.09	-14.88	2980.21	-83.10	-78.04	2975.15	124.35
19	25	1805	-34.43	-78.03	-40.73	-71.73	-15.33	4996.93	-230.89	-225.45	4991.49	168.59
19	25	1809	35.53	-20.44	-15.25	30.33	-16.24	3430.20	-414.97	-383.43	3398.65	346.86
19	25	1854	1.55	-19.97	-11.13	-7.29	10.59	1450.21	228.97	1449.80	229.38	22.37
19	25	1855	-4.68	-10.46	-7.57	-7.57	-2.89	825.08	-109.19	824.65	-108.76	-19.94
19	25	1856	7.92	-17.02	-7.26	-1.84	-12.17	428.89	-164.36	409.34	-144.81	-105.90
19	25	1857	6.35	-17.28	-10.16	-0.77	-10.84	114.70	-222.53	4.28	-112.11	-158.25
19	25	1858	4.52	-19.56	-13.90	-1.14	-10.21	38.32	-387.65	-274.76	-74.58	-188.00
19	25	1859	10.58	-19.10	-16.99	8.47	-7.63	102.94	-244.82	-152.53	10.65	-153.55
19	25	1860	0.57	-21.09	-20.03	-0.50	-4.68	354.19	90.48	227.79	216.89	-131.74
19	25	1861	0.44	-8.31	-0.37	-7.50	2.53	1491.39	194.62	1489.24	196.77	-52.83
19	25	1862	-8.49	-21.27	-16.09	-13.67	-6.27	1008.46	43.74	987.15	65.05	141.80
19	25	1863	4.72	-22.36	-6.98	-10.65	-13.41	652.03	18.65	548.64	122.03	234.08
19	25	1864	6.74	-28.63	2.14	-24.02	-11.91	527.30	-40.10	198.38	288.81	280.07
19	25	1865	7.96	-27.35	3.56	-22.96	-11.66	672.56	-138.84	-31.45	565.16	274.96
19	25	1866	7.63	-30.83	4.53	-27.74	-10.46	946.89	-358.61	-300.31	888.59	269.66
19	25	1867	-17.23	-30.76	-17.31	-30.69	1.03	680.72	-1049.28	-970.73	602.16	360.17
19	25	1868	1.40	-13.85	-11.18	-1.26	-5.79	59.71	-134.44	-37.92	-36.81	-97.08
19	25	1869	12.36	-29.12	12.33	-29.08	1.16	1961.31	-231.22	-201.76	1931.85	-252.44
19	25	1870	-1.32	-27.76	-24.89	-4.19	-8.23	702.39	-83.67	652.44	-33.72	-191.75
19	25	1871	3.88	-18.75	-14.57	-0.30	-8.78	103.70	-373.90	-227.34	-42.85	-220.26
19	25	1872	-21.74	-60.90	-40.20	-42.44	-19.55	1939.17	-457.59	1770.61	-289.03	612.85
19	25	1873	9.99	-9.51	-8.05	8.52	-5.14	170.98	-242.99	-47.69	-24.32	-206.65
19	25	1874	4.09	-22.00	-17.14	-0.78	-10.16	411.34	-129.91	327.22	-45.79	-196.10
19	25	1875	3.09	-21.23	-17.13	-1.01	-9.11	202.65	-220.92	24.95	-43.22	-209.03
19	25	1876	5.24	-12.86	-4.14	-3.48	-9.04	64.12	-195.37	-144.76	13.51	-102.82
19	25	1877	6.57	-23.96	1.45	-18.83	-11.41	692.23	-253.36	52.39	386.48	442.30
19	25	1878	-7.29	-29.68	-12.85	-24.12	9.67	1910.79	464.63	1910.13	465.29	-30.93
19	25	1879	76.04	-0.85	-0.30	75.49	-6.46	2032.80	-32.96	-9.16	2009.00	220.43
19	25	1880	45.00	-1.03	-1.10e-02	43.98	-6.78	1168.65	-37.45	27.30	1103.90	271.84
19	25	1881	20.44	-1.97	-0.37	18.84	-5.77	856.32	-90.31	-10.99	777.00	262.28
19	25	1882	8.55	-2.97	-2.93e-02	5.61	-5.03	649.65	-110.39	-16.66	555.93	249.90
19	25	1883	0.13	-9.89	-0.97	-8.79	-3.12	513.36	-149.97	-18.22	381.61	264.65
19	25	1884	-3.31	-25.72	-4.03	-25.00	-3.95	436.32	-230.21	-34.27	240.39	303.66
19	25	1885	-4.25	-55.95	-9.53	-50.67	-15.65	385.46	-487.21	-197.73	95.98	410.88
19	25	1886	-8.45	-68.08	-57.56	-18.98	-22.73	1053.21	8.39	1010.86	50.74	-206.04
19	25	1887	-1.87	-41.54	-38.71	-4.70	-10.21	654.14	-19.92	610.56	23.66	-165.77
19	25	1888	-0.40	-32.60	-30.30	-2.70	-8.30	393.91	-39.72	352.92	1.28	-126.87
19	25	1889	1.36	-26.30	-24.10	-0.83	-7.47	132.05	-88.60	31.30	12.15	-109.91
19	25	1890	2.75	-21.96	-19.97	0.76	-6.73	50.50	-259.72	-221.17	11.95	-102.34
19	25	1891	5.16	-18.53	-16.92	3.55	-5.97	50.95	-246.66	-213.40	17.70	-93.76
19	25	1892	5.66	-32.81	-26.05	-1.10	-14.65	70.86	-257.97	-244.86	57.75	-64.34
19	25	1893	-1.06	-21.86	-19.88	-3.04	-6.11	485.04	369.78	478.96	375.86	-25.76
19	25	1894	2.94	-20.74	-18.22	0.42	-7.30	201.19	-101.22	8.50	91.47	-145.41
19	25	1895	6.05	-20.41	-15.61	1.25	-10.20	38.08	-323.06	-243.97	-41.02	-149.36
19	25	1896	5.54	-18.28	-11.86	-0.87	-10.57	19.40	-363.15	-248.30	-95.45	-175.34
19	25	1897	7.19	-16.70	-8.79	-0.72	-11.24	316.31	-170.87	275.06	-129.62	-135.62
19	25	1898	-0.39	-11.38	-6.96	-4.82	-5.39	608.51	-150.93	602.86	-145.28	-65.25
19	25	1899	-2.52	-14.70	-8.69	-8.54	6.09	1092.81	9.27	1092.55	9.53	16.99
19	25	1900	-13.76	-35.26	-21.31	-27.71	-10.26	1269.09	-133.34	1249.28	-113.53	165.49
19	25	1901	-5.30	-18.28	-6.86	-16.72	4.21	1463.39	68.70	1439.46	92.63	181.11
19	25	1902	-7.15	-16.95	-8.19	-15.91	-3.01	1138.30	-17.23	1130.14	-9.08	96.73
19	25	1903	7.09	-17.78	-13.78	3.09	-9.14	109.76	-381.81	-233.91	-38.14	-225.45
19	25	1904	15.01	-16.13	-14.62	13.50	-6.68	146.83	-315.58	-152.29	-16.45	-221.00
19	25	1905	4.62	-18.74	-13.72	-0.40	-9.60	78.71	-385.43	-252.74	-53.99	-209.72
19	25	1906	4.89	-19.04	-13.65	-0.49	-9.99	68.93	-358.73	-227.07	-62.73	-197.42
19	25	1907	4.55	-19.03	-13.25	-1.24	-10.15	160.46	-212.21	20.27	-72.01	-180.53
19	25	1908	3.33	-17.22	-15.63	1.75	-5.48	210.70	-189.86	0.61	20.23	-200.03
19	25	1909	4.67	-19.58	-13.57	-1.34	-10.47	367.19	-137.62	314.08	-84.51	-154.90
19	25	1910	3.50	-21.09	-15.30	-2.29	-10.44	523.34	-111.72	503.71	-92.09	-109.92
19	25	1911	1.79	-17.34	-16.33	0.78	-4.28	131.08	-381.96	-233.61	-17.26	-232.60
19	25	1912	0.39	-15.11	-11.49	-3.23	-6.56	702.08	-93.06	694.66	-85.65	-76.42
19	25	1913	1.31	-19.06	-17.84	8.37e-02	-4.84	140.94	-377.27	-221.94	-14.38	-237.41
19	25	1914	0.54	-21.07	-20.30	-0.23	-4.01	257.84	-234.75	33.05	-9.97	-245.35
19	25	1915	-6.50	-15.84	-11.57	-10.76	-4.65	910.71	-63.95	910.27	-63.51	20.80

19	25	1916	0.23	-22.93	-22.07	-0.63	-4.37	492.76	-130.91	371.90	-10.06	-246.51
19	25	1917	-2.92	-16.90	-16.76	-3.07	-1.43	1112.42	-92.78	1104.86	-85.22	-95.16
19	25	1918	3.51	-19.43	-18.42	2.50	-4.72	250.15	-47.22	180.63	22.30	-125.86
19	25	1919	13.68	-12.72	3.21	-2.26	-12.92	1424.91	-224.92	-75.91	1275.90	472.90
19	25	1920	4.14	-24.83	0.44	-21.12	-9.68	703.93	-295.04	170.88	238.01	498.36
19	25	1921	-13.83	-28.88	-19.94	-22.78	-7.39	1135.57	-180.30	1022.56	-67.28	368.70
19	25	1922	7.15	-17.73	1.58	-12.16	-10.37	784.25	-253.03	-37.12	568.34	421.12
19	25	1923	1.67	-16.47	-1.05	-13.74	-6.48	906.34	-390.08	464.02	52.25	614.65
19	25	1924	9.92	-14.31	1.72	-6.10	-11.47	994.39	-292.07	-121.03	823.35	436.78
19	25	1925	5.11	-30.07	-21.13	-3.83	-15.31	534.68	-95.50	486.23	-47.06	-167.88
19	25	1926	-4.68	-26.57	-26.08	-5.17	-3.23	292.29	20.81	180.03	133.07	-133.69
19	25	1927	30.81	-8.19	4.89	17.73	-18.42	1858.26	22.30	23.26	1857.30	41.96
19	25	1928	14.07	-14.36	-12.32	12.03	-7.34	60.76	-395.28	-256.27	-78.25	-209.93
19	25	1929	-3.83	-16.70	-11.03	-9.50	6.39	1380.47	95.75	1362.85	113.37	149.43
19	25	1930	4.80	-17.03	-13.04	0.81	-8.44	109.19	-385.34	-230.08	-46.07	-229.51
19	25	1931	19.65	-14.63	-12.25	17.28	-8.71	133.25	-345.10	-169.66	-42.20	-230.53
19	57	44	-3.83	-7.10	-7.05	-3.87	0.37	2481.97	544.67	2458.24	568.41	-213.11
19	57	52	14.42	-20.70	1.78	-8.05	16.86	4683.14	-2174.38	109.97	2398.79	-3232.14
19	57	56	3.50	-4.08	-0.19	-0.39	-3.79	1062.68	535.82	954.17	644.32	213.05
19	57	1804	118.34	8.53e-02	1.24	117.19	-11.61	2883.74	-72.82	-69.37	2880.30	100.87
19	57	1805	-35.86	-68.38	-39.52	-64.72	-10.28	4839.18	-201.52	-195.15	4832.80	179.18
19	57	1809	31.12	-18.19	-15.07	28.00	-12.00	3326.56	-395.74	-368.72	3299.55	315.93
19	57	1854	-1.23	-10.54	-8.00	-3.76	4.15	1416.82	218.11	1416.14	218.78	28.46
19	57	1855	-4.36	-6.16	-6.14	-4.38	-0.17	774.02	-123.44	773.72	-123.14	-16.29
19	57	1856	-0.19	-6.95	-5.11	-2.04	-3.01	357.39	-178.00	337.23	-157.85	-101.90
19	57	1857	-1.14	-5.43	-4.77	-1.80	-1.55	94.47	-227.96	-13.19	-120.30	-152.06
19	57	1858	-1.76	-4.78	-4.48	-2.05	-0.90	45.62	-337.49	-213.47	-78.41	-179.26
19	57	1859	3.48	-3.55	-3.53	3.46	0.38	121.89	-231.39	-119.99	10.50	-164.15
19	57	1860	4.11	-3.49	-2.45	3.07	2.61	358.20	81.55	234.82	204.93	-137.51
19	57	1861	9.08	-6.75	8.28	-5.95	-3.47	1462.00	181.59	1459.61	183.98	-55.24
19	57	1862	0.71	-15.41	-2.52	-12.18	-6.45	987.01	36.82	969.87	53.96	126.46
19	57	1863	2.23	-14.98	-1.64	-11.11	-7.18	627.32	7.31	538.07	96.56	217.65
19	57	1864	3.38	-20.15	1.28	-18.06	-6.70	488.87	-40.57	194.81	253.48	263.09
19	57	1865	4.39	-20.61	2.26	-18.49	-6.98	622.74	-129.32	-27.17	520.59	257.66
19	57	1866	5.29	-23.06	3.93	-21.70	-6.06	889.91	-346.75	-293.14	836.29	251.86
19	57	1867	-14.54	-25.66	-16.73	-23.47	4.43	719.58	-1014.59	-946.58	651.58	336.61
19	57	1868	0.94	-2.37	-2.35	0.92	-0.26	31.08	-135.12	-38.04	-66.00	-81.91
19	57	1869	12.72	-22.93	12.40	-22.61	3.35	1892.61	-246.05	-212.54	1859.10	-265.62
19	57	1870	-0.83	-2.98	-1.93	-1.88	-1.07	643.67	-95.31	587.46	-39.10	-195.91
19	57	1871	-0.92	-3.14	-2.87	-1.19	0.73	114.70	-328.02	-166.32	-47.00	-213.17
19	57	1872	3.58	-5.90	3.18	-5.50	-1.91	1895.46	-480.82	1737.43	-322.79	592.08
19	57	1873	5.38	-0.85	-0.19	4.73	1.91	135.39	-229.51	-40.69	-53.43	-182.34
19	57	1874	-0.31	-2.90	-2.35	-0.87	-1.06	333.18	-146.52	237.62	-50.96	-191.60
19	57	1875	-1.21	-3.30	-3.30	-1.21	-3.64e-02	185.00	-226.39	5.85	-47.24	-203.97
19	57	1876	1.43	-3.50	1.43	-3.50	3.68e-02	5.12	-175.06	-135.51	-34.42	-74.57
19	57	1877	5.89	-9.41	0.77	-4.29	-7.22	650.96	-251.42	51.44	348.09	426.11
19	57	1878	-7.28	-17.62	-7.45	-17.45	1.31	1869.50	451.04	1869.11	451.43	-23.71
19	57	1879	69.51	-0.97	-0.50	69.04	-5.72	1959.04	-32.20	-13.05	1939.88	194.37
19	57	1880	46.40	-0.46	3.52e-03	45.94	-4.64	1110.07	-30.57	27.80	1051.71	251.34
19	57	1881	29.54	-0.68	-0.21	29.06	-3.76	804.60	-80.80	-6.80	730.60	245.04
19	57	1882	20.43	-0.50	-2.30e-02	19.95	-3.12	600.52	-103.61	-14.11	511.02	234.54
19	57	1883	11.36	-0.85	-0.46	10.97	-2.16	471.39	-143.81	-16.31	343.90	249.36
19	57	1884	2.37	-3.57	-2.10	0.90	-2.56	399.65	-226.25	-36.44	209.85	287.70
19	57	1885	-0.99	-20.19	-7.40	-13.78	-9.05	343.13	-481.48	-200.19	61.84	390.93
19	57	1886	2.50	-20.57	-6.96	-11.11	-11.35	1002.85	-4.32	954.06	44.48	-216.25
19	57	1887	3.04	-6.86	-1.50	-2.32	-4.93	588.85	-25.98	543.44	19.43	-160.79
19	57	1888	3.03	-4.95	-0.72	-1.20	-3.98	311.73	-47.09	263.13	1.50	-122.78
19	57	1889	2.68	-4.43	-1.43	-0.33	-3.51	116.87	-96.28	10.02	10.57	-106.57
19	57	1890	2.00	-5.47	-3.90	0.43	-3.04	54.41	-210.15	-165.62	9.88	-98.98
19	57	1891	2.27	-8.83	-8.31	1.75	-2.35	42.32	-216.89	-181.08	6.51	-89.44
19	57	1892	1.73	-22.85	-20.95	-0.18	-6.58	66.90	-235.04	-225.91	57.77	-51.69
19	57	1893	7.68	0.53	0.53	7.68	7.23e-02	511.82	334.57	507.01	339.38	-28.81
19	57	1894	1.37	-2.87	-2.77	1.27	0.66	212.70	-101.46	22.78	88.45	-153.61
19	57	1895	-0.45	-4.31	-4.12	-0.64	-0.84	62.33	-300.05	-195.40	-42.32	-164.23
19	57	1896	-1.48	-5.04	-4.58	-1.94	-1.19	32.66	-312.15	-177.69	-101.81	-168.18
19	57	1897	-0.66	-6.03	-5.04	-1.65	-2.08	228.95	-185.78	182.65	-139.48	-130.61
19	57	1898	-3.12	-5.58	-5.50	-3.20	-0.43	544.90	-166.19	539.48	-160.77	-61.82
19	57	1899	-2.54	-9.04	-6.72	-4.86	3.11	1054.47	-0.18	1054.02	0.27	21.84
19	57	1900	0.84	-14.66	-3.78	-10.04	-7.09	1231.47	-152.06	1214.45	-135.03	152.51
19	57	1901	4.94	-10.00	4.76	-9.83	-1.61	1432.73	58.33	1410.84	80.22	172.05
19	57	1902	0.59	-7.45	0.45	-7.31	-1.06	1099.14	-29.08	1091.24	-21.18	94.05
19	57	1903	0.38	-2.91	-2.79	0.25	0.63	113.03	-341.81	-188.32	-40.46	-215.07
19	57	1904	6.23	-2.95	-2.61	5.89	1.73	147.25	-288.95	-124.16	-17.54	-211.49
19	57	1905	-1.53	-3.43	-3.39	-1.57	0.28	86.84	-338.57	-193.70	-58.03	-201.60
19	57	1906	-1.48	-3.69	-3.68	-1.48	-0.12	82.48	-309.06	-158.48	-68.10	-190.48
19	57	1907	-1.57	-3.81	-3.70	-1.68	-0.48	141.60	-217.73	2.60	-78.72	-175.00
19	57	1908	3.00	-3.54	-2.78	2.24	2.10	203.82	-181.21	9.97	12.65	-192.51

19	57	1909	-1.10	-4.45	-4.04	-1.51	-1.10	283.27	-152.53	222.98	-92.24	-150.47
19	57	1910	-0.89	-5.44	-4.76	-1.57	-1.62	456.41	-122.83	434.54	-100.97	-110.39
19	57	1911	0.60	-6.48	-5.41	-0.48	2.54	129.35	-349.09	-196.47	-23.26	-222.99
19	57	1912	-1.33	-2.13	-2.08	-1.39	-0.20	643.01	-102.87	635.00	-94.86	-76.90
19	57	1913	4.99e-02	-4.24	-3.75	-0.43	1.36	152.92	-334.68	-164.54	-17.22	-232.41
19	57	1914	1.63e-02	-2.79	-2.38	-0.39	0.98	241.96	-241.01	13.24	-12.29	-241.15
19	57	1915	-2.12	-4.61	-2.22	-4.51	-0.49	861.07	-76.43	860.88	-76.25	13.12
19	57	1916	-0.25	-1.21	-0.96	-0.50	0.42	419.82	-148.09	284.05	-12.33	-242.22
19	57	1917	5.22	-0.93	3.10	1.19	2.92	1067.50	-104.72	1056.89	-94.11	-111.00
19	57	1918	5.64	-5.06	-4.88	5.46	1.36	250.23	-64.15	180.02	6.05	-130.93
19	57	1919	12.10	-6.89	3.41	1.79	-9.46	1382.52	-206.82	-67.06	1242.76	450.10
19	57	1920	4.41	-9.37	0.34	-5.30	-6.29	668.72	-295.43	168.62	204.67	481.74
19	57	1921	2.32	-15.37	0.28	-13.33	-5.65	1108.05	-191.59	1003.60	-87.15	353.31
19	57	1922	7.15	-6.73	1.09	-0.67	-6.88	736.60	-246.63	-33.83	523.79	404.91
19	57	1923	3.40	-3.29	1.80	-1.69	-2.85	877.05	-395.02	457.98	24.05	597.88
19	57	1924	9.92	-6.35	1.68	1.89	-8.14	936.95	-281.43	-114.57	770.08	418.88
19	57	1925	0.92	-6.98	-3.99	-2.07	-3.83	464.97	-109.56	413.42	-58.01	-164.19
19	57	1926	2.56	-10.43	-10.28	2.40	1.42	292.50	4.99	194.18	103.30	-136.38
19	57	1927	29.19	-5.77	4.79	18.64	-16.05	1772.00	29.15	29.62	1771.52	28.69
19	57	1928	5.74	-4.45	-3.93	5.22	2.24	33.91	-359.82	-233.17	-92.74	-183.92
19	57	1929	-0.26	-7.09	-2.30	-5.05	3.13	1347.99	85.91	1331.25	102.65	144.38
19	57	1930	-0.21	-3.01	-2.34	-0.89	1.20	111.99	-348.09	-186.50	-49.59	-219.62
19	57	1931	7.44	-2.31	-2.22	7.35	0.93	116.14	-316.76	-146.38	-54.23	-211.49
19	89	44	-3.68	-6.71	-6.71	-3.68	-9.73e-02	2478.38	543.47	2454.75	567.10	-212.51
19	89	52	14.94	-20.49	1.85	-7.41	17.10	4681.84	-2164.06	115.33	2402.45	-3226.28
19	89	56	4.40	-2.68	1.36	0.37	-3.50	1064.52	534.28	957.48	641.31	212.83
19	89	1804	117.72	8.97e-02	1.20	116.61	-11.37	2876.45	-72.00	-68.66	2873.11	99.10
19	89	1805	-35.95	-67.68	-39.43	-64.20	-9.91	4827.03	-199.31	-192.86	4820.58	179.97
19	89	1809	30.81	-18.04	-15.06	27.83	-11.68	3318.74	-394.23	-367.56	3292.06	313.60
19	89	1854	-1.39	-9.93	-7.81	-3.51	3.69	1414.38	217.29	1413.68	217.99	28.90
19	89	1855	-4.14	-6.07	-6.07	-4.14	4.08e-02	770.29	-124.50	770.00	-124.22	-16.03
19	89	1856	-0.76	-6.26	-4.97	-2.05	-2.33	352.22	-179.00	332.01	-158.79	-101.62
19	89	1857	-1.60	-4.66	-4.39	-1.87	-0.86	93.01	-228.37	-14.49	-120.87	-151.63
19	89	1858	-2.09	-3.82	-3.79	-2.12	-0.21	46.29	-334.07	-209.12	-78.65	-178.64
19	89	1859	3.24	-2.71	-2.55	3.08	0.97	123.32	-230.54	-117.74	10.51	-164.90
19	89	1860	4.92	-2.77	-1.16	3.31	3.13	358.46	80.89	235.28	204.07	-137.91
19	89	1861	9.87	-6.80	8.90	-5.83	-3.90	1459.90	180.64	1457.50	183.04	-55.42
19	89	1862	1.54	-15.14	-1.53	-12.07	-6.46	985.48	36.31	968.63	53.15	125.32
19	89	1863	2.16	-14.54	-1.24	-11.14	-6.73	625.54	6.42	537.31	94.64	216.43
19	89	1864	3.15	-19.54	1.22	-17.62	-6.32	486.00	-40.66	194.56	250.78	261.83
19	89	1865	4.14	-20.13	2.16	-18.15	-6.63	618.91	-128.63	-26.84	517.12	256.38
19	89	1866	5.13	-22.51	3.88	-21.26	-5.74	885.46	-345.85	-292.56	832.17	250.54
19	89	1867	-14.19	-25.44	-16.69	-22.94	4.67	722.65	-1011.88	-944.62	655.39	334.86
19	89	1868	1.05	-1.72	-1.72	1.05	0.14	29.01	-135.30	-38.12	-68.17	-80.77
19	89	1869	12.76	-22.48	12.41	-22.13	3.51	1887.16	-247.17	-213.32	1853.31	-266.63
19	89	1870	-9.65e-02	-1.89	-0.28	-1.70	-0.54	639.45	-96.21	582.73	-39.49	-196.24
19	89	1871	-0.17	-3.14	-2.05	-1.26	1.43	115.63	-324.92	-162.00	-47.29	-212.67
19	89	1872	6.39	-2.83	6.35	-2.79	-0.61	1892.24	-482.52	1734.98	-325.25	590.54
19	89	1873	5.55	-0.78	0.36	4.42	2.43	132.76	-228.64	-40.30	-55.58	-180.54
19	89	1874	-0.64	-1.53	-1.30	-0.87	-0.39	327.68	-147.88	231.13	-51.33	-191.29
19	89	1875	-0.93	-2.62	-2.33	-1.22	0.64	183.73	-226.83	4.42	-47.52	-203.63
19	89	1876	1.88	-3.64	1.79	-3.54	0.71	0.73	-173.68	-134.97	-37.98	-72.47
19	89	1877	5.94	-8.44	0.72	-3.22	-6.91	647.84	-251.32	51.38	345.13	424.91
19	89	1878	-7.05	-17.02	-7.10	-16.97	0.70	1866.53	450.03	1866.15	450.41	-23.18
19	89	1879	69.02	-0.98	-0.52	68.56	-5.66	1953.40	-32.18	-13.36	1934.57	192.41
19	89	1880	46.52	-0.43	4.22e-03	46.08	-4.48	1105.62	-30.06	27.84	1047.72	249.80
19	89	1881	30.24	-0.63	-0.20	29.81	-3.61	800.64	-80.09	-6.48	727.02	243.75
19	89	1882	21.42	-0.44	-2.28e-02	21.01	-2.98	596.75	-103.11	-13.91	507.54	233.40
19	89	1883	12.75	-0.75	-0.42	12.42	-2.08	468.21	-143.37	-16.17	341.00	248.22
19	89	1884	3.84	-3.01	-1.96	2.80	-2.46	396.91	-225.97	-36.60	207.54	286.52
19	89	1885	-0.38	-17.94	-7.25	-11.08	-8.57	340.02	-481.05	-200.37	59.34	389.46
19	89	1886	4.21	-18.02	-3.28	-10.53	-10.51	999.19	-5.29	949.88	44.02	-217.02
19	89	1887	4.36	-5.32	1.19	-2.15	-4.54	584.13	-26.45	538.57	19.12	-160.46
19	89	1888	4.03	-3.72	1.40	-1.09	-3.66	305.93	-47.79	256.62	1.52	-122.51
19	89	1889	3.17	-3.29	0.17	-0.29	-3.22	115.80	-96.92	8.42	10.45	-106.35
19	89	1890	2.00	-4.39	-2.80	0.41	-2.77	54.77	-206.77	-161.72	9.73	-98.75
19	89	1891	2.05	-8.21	-7.77	1.61	-2.08	41.69	-214.95	-178.94	5.68	-89.13
19	89	1892	1.49	-22.28	-20.67	-0.12	-5.97	66.64	-233.62	-224.78	57.80	-50.76
19	89	1893	8.49	1.98	2.02	8.45	0.51	513.78	331.97	509.02	336.72	-29.00
19	89	1894	1.77	-2.09	-1.64	1.32	1.24	213.51	-101.53	23.74	88.25	-154.18
19	89	1895	-0.77	-3.29	-3.28	-0.78	-0.15	64.27	-298.62	-191.98	-42.38	-165.31
19	89	1896	-1.90	-4.17	-4.05	-2.02	-0.49	33.89	-308.77	-172.65	-102.24	-167.67
19	89	1897	-1.17	-5.33	-4.79	-1.72	-1.40	222.72	-186.94	175.96	-140.18	-130.26
19	89	1898	-3.07	-5.42	-5.42	-3.08	-5.68e-02	540.27	-167.31	534.87	-161.91	-61.58
19	89	1899	-2.52	-8.68	-6.61	-4.59	2.91	1051.66	-0.89	1051.19	-0.42	22.20
19	89	1900	1.89	-13.15	-2.52	-8.75	-6.85	1228.71	-153.45	1211.89	-136.62	151.55
19	89	1901	5.86	-9.60	5.59	-9.33	-2.03	1430.50	57.57	1408.76	79.31	171.38

19	89	1902	1.16	-6.79	1.05	-6.68	-0.91	1096.26	-29.96	1088.39	-22.08	93.85
19	89	1903	0.72	-2.68	-2.00	4.24e-02	1.36	113.32	-339.05	-185.13	-40.60	-214.33
19	89	1904	6.04	-2.46	-1.75	5.32	2.35	147.27	-287.11	-122.23	-17.60	-210.79
19	89	1905	-1.03	-3.28	-2.65	-1.66	1.01	87.56	-335.38	-189.53	-58.30	-201.03
19	89	1906	-1.33	-3.21	-2.98	-1.56	0.61	83.68	-305.74	-153.59	-68.47	-190.00
19	89	1907	-1.67	-3.06	-3.02	-1.71	0.24	140.24	-218.15	1.29	-79.19	-174.62
19	89	1908	3.56	-3.15	-1.85	2.26	2.65	203.26	-180.61	10.55	12.10	-191.94
19	89	1909	-1.44	-3.45	-3.37	-1.52	-0.40	277.31	-153.72	216.38	-92.79	-150.16
19	89	1910	-1.19	-4.34	-4.01	-1.51	-0.96	451.58	-123.66	429.52	-101.61	-110.44
19	89	1911	1.05	-6.29	-4.67	-0.57	3.05	129.22	-346.86	-193.95	-23.70	-222.30
19	89	1912	-1.04	-1.63	-1.42	-1.25	0.28	638.71	-103.60	630.65	-95.54	-76.95
19	89	1913	0.53	-3.78	-2.78	-0.47	1.82	153.88	-331.80	-160.49	-17.43	-232.07
19	89	1914	0.65	-2.16	-1.12	-0.40	1.36	240.82	-241.52	11.76	-12.46	-240.87
19	89	1915	-1.55	-4.06	-1.56	-4.05	-0.18	857.44	-77.36	857.27	-77.20	12.54
19	89	1916	0.96	-0.91	0.55	-0.49	0.78	414.70	-149.51	277.68	-12.49	-241.93
19	89	1917	6.60	-0.57	4.53	1.50	3.25	1064.23	-105.62	1053.37	-94.77	-112.18
19	89	1918	5.99	-4.22	-3.90	5.66	1.80	250.16	-65.38	179.92	4.86	-131.26
19	89	1919	11.99	-6.47	3.43	2.09	-9.21	1379.29	-205.42	-66.34	1240.21	448.40
19	89	1920	4.54	-8.34	0.33	-4.14	-6.04	666.11	-295.49	168.46	202.16	480.51
19	89	1921	3.63	-14.52	1.76	-12.64	-5.52	1106.04	-192.41	1002.23	-88.59	352.17
19	89	1922	7.26	-6.02	1.06	0.18	-6.63	732.95	-246.19	-33.57	520.33	403.70
19	89	1923	3.55	-2.34	2.02	-0.81	-2.58	874.91	-395.39	457.55	21.97	596.64
19	89	1924	9.98	-5.83	1.67	2.48	-7.89	932.51	-280.64	-114.05	765.92	417.54
19	89	1925	0.65	-5.36	-2.76	-1.94	-2.98	459.96	-110.62	408.15	-58.81	-163.94
19	89	1926	3.19	-9.37	-9.12	2.94	1.75	292.57	3.73	195.18	101.12	-136.55
19	89	1927	29.08	-5.59	4.78	18.71	-15.88	1765.32	29.71	30.15	1764.88	27.70
19	89	1928	5.68	-4.35	-3.38	4.71	2.96	31.88	-357.35	-231.67	-93.80	-182.00
19	89	1929	6.82e-02	-6.48	-1.69	-4.73	2.90	1345.60	85.18	1328.93	101.85	144.00
19	89	1930	0.63	-3.24	-1.59	-1.02	1.91	112.23	-345.55	-183.48	-49.84	-218.91
19	89	1931	6.93	-1.84	-1.52	6.60	1.65	114.85	-314.81	-144.84	-55.12	-210.09
<b>M_G</b>			<b>N max</b>	<b>N min</b>	<b>N 1</b>	<b>N 2</b>	<b>N 1-2</b>	<b>M max</b>	<b>M min</b>	<b>M 1</b>	<b>M 2</b>	<b>M 1-2</b>
				-78.03	-57.56	-71.73	-22.73		-2309.88	-970.73	-325.25	-3309.27
			126.86		12.41	125.09	17.10	4996.93		2507.01	4991.49	614.65

Macro	Tipo	Angolo 1-X (gradi)
20	Guscio	0.0

<b>M_G</b>	<b>Cmb</b>	<b>Nodo</b>	<b>N max</b>	<b>N min</b>	<b>N 1</b>	<b>N 2</b>	<b>N 1-2</b>	<b>M max</b>	<b>M min</b>	<b>M 1</b>	<b>M 2</b>	<b>M 1-2</b>
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
20	4	56	6.69	-39.55	-9.96	-22.89	-22.20	618.11	93.15	557.54	153.72	167.72
20	4	1779	6.42	-14.61	-1.35	-6.85	-10.15	174.24	-279.00	35.17	-139.94	209.02
20	4	1780	3.03	-48.10	-30.09	-14.98	-24.43	-65.95	-509.56	-266.94	-308.57	220.82
20	4	1868	-12.85	-54.73	-32.13	-35.45	-20.88	125.28	-174.42	117.38	-166.52	-48.00
20	4	1926	5.97	-41.71	-10.13	-25.61	-22.55	272.91	110.70	270.47	113.14	-19.75
20	21	56	0.24	-39.26	-12.37	-26.64	-18.42	763.71	222.48	729.68	256.51	131.37
20	21	1779	-0.35	-39.90	-15.51	-24.74	-19.23	255.68	-146.67	192.14	-83.13	146.72
20	21	1780	2.32	-41.75	-18.42	-21.01	-22.00	-64.44	-397.81	-166.60	-295.66	153.69
20	21	1868	-6.59	-27.70	-14.27	-20.02	-10.15	255.39	-162.91	220.92	-128.44	-115.01
20	21	1926	3.85	-30.05	-9.21	-16.99	-16.50	442.01	164.63	417.62	189.02	-78.55
20	36	56	7.17	-13.64	1.08	-7.55	-9.47	639.68	133.69	598.15	175.22	138.89
20	36	1779	5.97	-6.83	1.61	-2.47	-6.07	176.24	-234.92	72.99	-131.68	178.30
20	36	1780	5.09	-28.04	-15.84	-7.11	-15.98	-76.23	-474.54	-239.41	-311.37	195.87
20	36	1868	-7.16	-22.67	-14.18	-15.64	-7.72	163.96	-169.47	147.44	-152.95	-72.36
20	36	1926	8.25	-13.81	0.65	-6.22	-10.48	320.23	120.91	307.65	133.49	-48.47
20	53	56	4.35	-12.91	0.30	-8.85	-7.32	708.51	192.81	678.30	223.01	121.09
20	53	1779	2.82	-18.20	-4.82	-10.56	-10.11	215.03	-174.21	146.18	-105.36	148.52
20	53	1780	4.75	-24.42	-9.98	-9.69	-14.59	-75.17	-422.40	-192.12	-305.45	164.10
20	53	1868	-3.95	-9.25	-5.32	-7.88	-2.32	226.25	-165.13	196.31	-135.19	-104.03
20	53	1926	7.34	-7.56	1.41	-1.64	-7.29	401.62	143.72	376.47	168.88	-76.52
20	68	56	7.23	-11.66	1.93	-6.37	-8.49	641.36	136.60	601.15	176.81	136.66
20	68	1779	5.94	-6.21	1.85	-2.11	-5.74	176.46	-231.74	75.80	-131.08	175.94
20	68	1780	5.25	-26.49	-14.74	-6.50	-15.33	-76.96	-471.93	-237.32	-311.57	193.97
20	68	1868	-6.72	-20.19	-12.80	-14.11	-6.70	167.00	-169.21	149.72	-151.93	-74.22
20	68	1926	8.42	-11.65	1.49	-4.72	-9.55	324.01	121.42	310.42	135.01	-50.68
20	85	56	4.69	-11.01	1.23	-7.55	-6.51	704.46	190.62	674.53	220.56	120.35
20	85	1779	3.05	-16.61	-4.03	-9.52	-9.44	212.07	-176.26	142.80	-106.99	148.67
20	85	1780	4.94	-23.16	-9.36	-8.86	-14.04	-75.94	-424.24	-194.02	-306.15	164.88
20	85	1868	-3.73	-7.94	-4.68	-7.00	-1.75	224.09	-165.29	194.47	-135.68	-103.22
20	85	1926	7.59	-5.92	2.19	-0.51	-6.62	398.65	142.19	373.43	167.41	-76.36

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	8.42	-54.73	-32.13	-35.45	-24.43	763.71	-509.56	-266.94	-311.57	-115.01
			2.19	-0.51	-1.75			729.68	256.51	220.82

Macro	Tipo	Angolo 1-X (gradi)
21	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
21	6	1799	192.91	7.33	187.73	12.51	-30.56	237.57	-110.02	130.82	-3.27	-160.34
21	6	1892	222.48	8.05	215.34	15.19	-38.47	318.44	-153.75	68.99	95.71	-235.72
21	6	1928	252.04	10.60	248.45	14.19	-29.24	535.25	-227.94	251.18	56.13	-368.92
21	7	1799	-10.45	-296.44	-288.47	-18.42	47.06	-78.76	-679.28	-568.40	-189.63	233.00
21	7	1892	-9.64	-266.96	-260.86	-15.74	39.15	-47.98	-672.91	-630.24	-90.65	157.62
21	7	1928	-6.17	-238.31	-227.75	-16.74	48.38	-128.36	-449.91	-448.05	-130.23	24.42
21	34	1799	65.00	3.94	63.14	5.80	-10.49	5.04	-110.37	-53.53	-51.80	-57.70
21	34	1892	94.68	4.55	90.75	8.48	-18.40	121.84	-190.02	-115.37	47.18	-133.08
21	34	1928	124.58	6.77	123.86	7.49	-9.16	305.14	-230.70	66.83	7.61	-266.28
21	39	1799	-5.80	-168.22	-163.67	-10.35	26.81	-84.90	-441.16	-385.04	-141.03	129.79
21	39	1892	-4.95	-138.78	-136.06	-7.67	18.90	-34.86	-454.06	-446.87	-42.05	54.41
21	39	1928	-0.91	-110.71	-102.95	-8.67	28.13	-52.38	-293.92	-264.68	-81.62	-78.79
21	66	1799	55.19	3.48	53.60	5.07	-8.92	-11.35	-111.62	-67.42	-55.55	-49.78
21	66	1892	84.88	4.07	81.21	7.74	-16.83	109.15	-194.97	-129.25	43.43	-125.16
21	66	1928	114.86	6.22	114.32	6.75	-7.59	287.93	-231.13	52.94	3.86	-258.37
21	71	1799	-5.44	-158.44	-154.15	-9.73	25.25	-85.27	-423.08	-371.06	-137.28	121.93
21	71	1892	-4.59	-129.01	-126.54	-7.05	17.34	-32.89	-438.32	-432.90	-38.30	46.55
21	71	1928	-0.45	-101.03	-93.43	-8.05	26.57	-41.91	-286.67	-250.71	-77.88	-86.66

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	252.04	-296.44	-288.47	-18.42	-38.47	535.25	-679.28	-630.24	-189.63	-368.92
			248.45	15.19	48.38			251.18	95.71	233.00

Macro	Tipo	Angolo 1-X (gradi)
22	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
22	6	1799	107.01	42.55	94.05	55.52	-25.84	-24.52	-60.62	-38.87	-46.27	17.67
22	6	1837	91.07	64.40	74.16	81.31	-12.85	-63.93	-199.06	-71.33	-191.66	30.73
22	6	1838	109.83	55.05	67.08	97.80	-22.67	4.83	-343.27	2.07	-340.51	30.85
22	6	1876	120.85	60.50	107.04	74.31	-25.35	24.29	-208.48	-90.59	-93.61	-116.38
22	6	1928	181.38	42.02	155.47	67.93	-54.22	235.62	-179.62	178.47	-122.48	-143.05
22	14	1799	23.49	2.95	23.40	3.04	-1.36	-30.94	-112.39	-65.91	-77.42	40.32
22	14	1837	27.49	13.40	26.85	14.04	-2.93	-37.93	-237.18	-47.82	-227.29	43.28
22	14	1838	34.49	19.30	27.62	26.16	-7.56	32.49	-354.15	26.25	-347.91	48.74
22	14	1876	47.29	14.94	46.79	15.44	-3.99	-13.03	-204.36	-100.55	-116.84	-95.32
22	14	1928	71.53	23.71	69.35	25.89	-9.98	143.26	-162.62	101.56	-120.91	-104.97
22	38	1799	33.44	13.31	29.88	16.87	-7.68	-30.84	-118.92	-100.03	-49.73	36.15
22	38	1837	39.69	27.02	31.16	35.55	-5.95	-69.39	-208.55	-86.40	-191.54	45.58
22	38	1838	55.90	24.77	30.82	49.85	-12.31	-6.45	-327.12	-13.96	-319.61	48.49
22	38	1876	56.23	28.51	52.17	32.56	-9.79	-11.79	-213.86	-136.70	-88.94	-98.17
22	38	1928	85.74	25.36	76.89	34.20	-21.35	129.00	-167.46	70.28	-108.74	-118.15
22	46	1799	-1.47	-10.59	-3.86	-8.19	4.01	-35.89	-141.52	-112.85	-64.57	46.97
22	46	1837	8.83	3.16	8.56	3.42	-1.21	-57.34	-226.06	-74.95	-208.45	51.59
22	46	1838	19.22	8.39	11.97	15.65	-5.09	7.69	-333.06	-2.14	-323.23	57.05
22	46	1876	23.40	4.44	23.40	4.45	0.41	-30.19	-211.17	-141.31	-100.04	-88.11
22	46	1928	35.76	14.13	35.75	14.13	-0.21	85.22	-159.87	33.56	-108.21	-99.96
22	70	1799	27.83	11.07	24.99	13.91	-6.29	-30.87	-123.80	-104.66	-50.02	37.58
22	70	1837	35.75	24.15	27.88	32.03	-5.42	-69.59	-209.45	-87.49	-191.55	46.73
22	70	1838	51.76	22.46	28.05	46.16	-11.52	-7.12	-326.04	-15.11	-318.04	49.85
22	70	1876	51.35	25.99	47.99	29.35	-8.60	-14.25	-214.53	-140.17	-88.61	-96.77
22	70	1928	78.46	24.07	70.90	31.64	-18.82	121.09	-166.77	62.05	-107.73	-116.23
22	78	1799	-2.79	-12.18	-5.92	-9.05	4.43	-35.67	-144.34	-116.39	-63.61	47.49
22	78	1837	7.41	2.36	7.17	2.60	-1.07	-58.62	-225.42	-77.00	-207.04	52.23
22	78	1838	18.11	7.51	10.79	14.83	-4.90	5.88	-331.53	-4.28	-321.36	57.69
22	78	1876	21.66	3.57	21.63	3.61	0.75	-31.12	-212.05	-144.39	-98.78	-87.55

22	78	1928	33.23	13.24	33.22	13.25	0.54	81.06	-159.90	28.42	-107.26	-99.56
<b>M_G</b>			<b>N max</b>	<b>N min</b>	<b>N 1</b>	<b>N 2</b>	<b>N 1-2</b>	<b>M max</b>	<b>M min</b>	<b>M 1</b>	<b>M 2</b>	<b>M 1-2</b>
			181.38	-12.18	-5.92	-9.05	-54.22	-354.15	-144.39	-347.91	-143.05	57.69
					155.47	97.80	4.43	235.62	178.47	-46.27		

Macro	Tipo	Angolo 1-X (gradi)
23	Guscio	0.0

<b>M_G</b>	<b>Cmb</b>	<b>Nodo</b>	<b>N max</b>	<b>N min</b>	<b>N 1</b>	<b>N 2</b>	<b>N 1-2</b>	<b>M max</b>	<b>M min</b>	<b>M 1</b>	<b>M 2</b>	<b>M 1-2</b>
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
23	4	1780	-22.84	-49.66	-22.84	-49.66	-0.16	-49.49	-396.07	-71.87	-373.68	85.19
23	4	1838	-35.80	-50.21	-41.20	-44.81	-6.98	-74.69	-372.43	-129.30	-317.82	115.23
23	4	1868	-35.04	-44.66	-35.14	-44.56	-0.98	-131.43	-197.25	-158.33	-170.35	-32.36
23	4	1876	-27.65	-48.40	-48.14	-27.91	-2.28	-109.69	-176.19	-121.36	-164.52	-25.29
23	6	1780	77.65	30.86	31.68	76.82	-6.17	55.13	-281.40	44.32	-270.60	59.33
23	6	1838	53.39	45.23	46.04	52.58	2.44	5.56	-249.89	-15.18	-229.16	69.76
23	6	1868	60.91	44.01	52.09	52.83	8.44	17.11	-143.00	-44.21	-81.68	-77.83
23	6	1876	83.60	28.60	71.80	40.39	22.57	49.24	-148.82	-9.30	-90.28	-90.37
23	36	1780	-10.04	-20.14	-10.51	-19.67	-2.12	-23.24	-360.78	-41.46	-342.56	76.28
23	36	1838	-16.41	-27.67	-21.50	-22.58	-5.61	-58.18	-334.21	-102.12	-290.28	100.98
23	36	1868	-15.42	-22.35	-15.44	-22.33	0.39	-90.00	-183.95	-131.15	-142.81	-46.61
23	36	1876	-12.73	-21.78	-21.08	-13.44	2.43	-69.17	-168.79	-97.40	-140.57	-44.89
23	38	1780	41.60	14.54	15.50	40.65	-4.99	26.64	-306.48	13.84	-293.68	64.05
23	38	1838	24.16	19.80	20.11	23.85	-1.12	-20.17	-275.91	-47.76	-248.33	79.33
23	38	1868	30.12	20.15	26.17	24.10	4.88	-19.51	-158.13	-76.79	-100.86	-68.26
23	38	1876	44.24	11.01	36.14	19.10	14.26	7.18	-156.71	-43.98	-105.55	-75.94
23	68	1780	-8.95	-17.98	-9.56	-17.36	-2.27	-21.22	-358.13	-39.14	-340.21	75.61
23	68	1838	-14.91	-25.94	-19.98	-20.87	-5.50	-56.89	-331.35	-100.03	-288.21	99.90
23	68	1868	-13.89	-20.66	-13.92	-20.62	0.50	-86.85	-182.95	-129.06	-140.74	-47.69
23	68	1876	-11.31	-20.00	-18.99	-12.32	2.79	-65.98	-168.34	-95.54	-138.78	-46.39
23	70	1780	38.86	13.29	14.26	37.89	-4.89	24.48	-308.42	11.51	-295.45	64.42
23	70	1838	22.14	17.65	18.14	21.66	-1.39	-22.07	-277.96	-50.23	-249.80	80.08
23	70	1868	27.80	18.30	24.19	21.91	4.61	-22.31	-159.28	-79.26	-102.32	-67.51
23	70	1876	41.25	9.66	33.42	17.48	13.63	3.97	-157.29	-46.60	-106.71	-74.82
<b>M_G</b>			<b>N max</b>	<b>N min</b>	<b>N 1</b>	<b>N 2</b>	<b>N 1-2</b>	<b>M max</b>	<b>M min</b>	<b>M 1</b>	<b>M 2</b>	<b>M 1-2</b>
			83.60	-50.21	-48.14	-49.66	-6.98	-396.07	-158.33	-373.68	-90.37	115.23
					71.80	76.82	22.57	55.13	44.32	-81.68		

Macro	Tipo	Angolo 1-X (gradi)
24	Guscio	0.0

<b>M_G</b>	<b>Cmb</b>	<b>Nodo</b>	<b>N max</b>	<b>N min</b>	<b>N 1</b>	<b>N 2</b>	<b>N 1-2</b>	<b>M max</b>	<b>M min</b>	<b>M 1</b>	<b>M 2</b>	<b>M 1-2</b>
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
24	27	42	-17.37	-262.93	-53.17	-227.13	86.66	5930.04	-2041.97	4216.53	-328.46	-3274.75
24	27	50	58.21	-49.32	-5.86	14.75	52.77	1.065e+04	63.64	6616.13	4101.34	5143.64
24	27	67	8.39	-20.67	-1.18	-11.11	-13.65	763.60	-3244.29	161.45	-2642.13	1432.05
24	27	1671	-73.22	-85.96	-73.23	-85.95	0.21	779.63	-996.50	-924.79	707.92	-349.61
24	27	1672	20.79	-25.93	19.97	-25.11	-6.16	489.74	-94.54	-80.19	475.39	90.44
24	27	1673	6.80	-16.34	6.63	-16.17	-1.98	597.01	-292.61	-31.07	335.47	405.30
24	27	1674	0.63	-16.86	-8.43	-7.81	-8.74	806.86	-522.74	-79.74	363.87	626.71
24	27	1675	47.25	-16.46	20.65	10.14	-31.42	766.84	-1708.38	-1505.06	563.52	679.65
24	27	1676	-43.23	-95.27	-89.34	-49.16	-16.54	673.01	-756.60	-267.56	183.98	678.22
24	27	1677	34.64	5.05	13.75	25.94	-13.48	711.11	-607.11	-120.02	224.01	636.27
24	27	1678	27.22	6.85	8.17	25.90	-5.03	570.94	-480.00	-52.13	143.07	516.32
24	27	1679	39.99	11.10	16.85	34.24	-11.54	459.59	-446.56	-126.90	139.93	432.99
24	27	1680	45.52	-15.74	-6.92	36.70	21.50	258.71	-1112.42	-768.45	-85.26	594.40
24	27	1681	-1.78	-102.97	-98.54	-6.21	20.71	3476.47	116.91	3089.62	503.76	-1072.38
24	27	1700	-55.24	-70.84	-68.11	-57.96	5.92	4027.22	1623.87	4018.17	1632.93	-147.26
24	27	1701	6.24	-61.12	-49.97	-4.91	25.04	2665.17	1039.26	2511.62	1192.81	475.48
24	27	1702	36.70	-23.70	-22.39	35.39	8.78	1773.29	-582.10	1422.19	-231.01	838.87
24	27	1703	-8.92	-88.89	-53.52	-44.29	39.72	1742.07	328.99	1714.18	356.89	-196.58
24	27	1704	19.03	-67.33	-60.79	12.49	22.85	2071.85	-119.69	1700.13	252.03	822.47
24	27	1705	29.20	-63.62	-63.54	29.12	2.77	1894.48	-1034.15	713.46	146.87	1436.65
24	27	1706	2.07	-63.44	-17.34	-44.04	29.91	833.15	113.10	777.30	168.95	192.60

24	27	1707	2.07	-37.06	-24.83	-10.15	18.13	1372.93	-475.50	886.34	11.09	814.04
24	27	1708	5.40	-20.78	-20.73	5.35	1.13	1464.28	-913.19	403.13	147.97	1181.87
24	27	1709	7.69	-33.54	1.67	-27.51	14.56	735.39	-161.79	464.65	108.96	411.83
24	27	1808	8.75	-31.91	-1.39	-21.77	17.59	1102.91	-571.14	513.12	18.65	799.68
24	27	1813	10.16	-15.02	-0.21	-4.65	12.39	1123.20	-767.93	254.10	101.17	942.47
24	27	1814	22.00	-26.82	7.39	-12.20	22.36	946.77	-264.88	530.17	151.71	575.51
24	27	1817	21.18	-36.03	6.51	-21.36	24.98	1101.24	-532.22	460.04	108.97	797.65
24	27	1820	12.58	-35.98	1.77	-25.17	20.20	952.02	-597.82	235.66	118.54	772.70
24	27	1821	10.00	-22.68	-3.95	-8.74	16.16	1708.44	-74.46	1051.48	582.49	860.05
24	27	1824	22.33	-30.01	3.43	-11.10	25.14	1245.70	-513.17	548.68	183.86	860.31
24	27	1825	2.58	-37.20	-8.90	-25.72	18.02	966.21	-231.18	501.42	233.61	583.53
24	27	1829	-5.27	-31.73	-30.40	-6.60	-5.78	604.85	-550.23	496.14	-441.53	-337.26
24	27	1830	-19.74	-62.34	-61.21	-20.86	6.83	875.60	-158.12	716.19	1.29	373.32
24	27	1833	-46.00	-119.34	-112.00	-53.34	-22.01	541.61	-662.30	8.73	-129.43	597.98
24	59	42	3.51	-232.12	-25.33	-203.28	77.23	5627.94	-2078.80	3916.53	-367.39	-3203.19
24	59	50	94.13	-35.44	39.52	19.17	63.98	1.024e+04	306.84	6223.00	4323.16	4874.54
24	59	67	31.35	20.43	31.19	20.60	-1.32	960.77	-3100.59	329.32	-2469.15	1471.67
24	59	1671	-66.52	-108.74	-66.53	-108.73	-0.58	736.88	-952.19	-888.89	673.58	-320.80
24	59	1672	18.39	-41.12	17.97	-40.70	-4.97	459.08	-88.86	-84.22	454.43	50.25
24	59	1673	3.50	-26.62	3.46	-26.58	-1.09	558.43	-229.89	-29.30	357.84	343.35
24	59	1674	-6.65	-21.23	-11.13	-16.75	-6.73	772.93	-440.92	-69.14	401.16	559.52
24	59	1675	43.52	-5.65	29.76	8.12	-22.07	826.43	-1572.77	-1445.89	699.55	536.96
24	59	1676	-22.38	-74.28	-72.25	-24.41	-10.06	597.65	-764.95	-267.77	100.47	655.95
24	59	1677	42.48	10.07	12.93	39.62	-9.19	635.28	-534.05	-107.20	208.43	562.97
24	59	1678	28.47	4.97	5.20	28.24	-2.31	506.81	-400.83	-59.50	165.48	439.66
24	59	1679	17.04	6.35	9.23	14.15	-4.75	403.21	-364.00	-123.31	162.52	355.99
24	59	1680	-2.83	-37.65	-24.80	-15.69	16.81	196.64	-986.30	-766.26	-23.41	460.31
24	59	1681	3.58	-61.93	-6.88	-51.48	23.99	3943.80	140.23	3460.29	623.74	-1267.00
24	59	1700	-34.92	-54.61	-39.74	-49.79	8.47	3817.51	1568.69	3813.22	1572.97	-98.09
24	59	1701	22.24	-43.26	-22.59	1.57	30.44	2598.15	1041.83	2477.35	1162.63	416.43
24	59	1702	57.38	1.29	6.38	52.29	16.11	1838.85	-534.71	1530.09	-225.94	798.46
24	59	1703	-1.84	-78.61	-43.95	-36.49	38.20	1691.27	284.81	1653.13	322.95	-228.44
24	59	1704	29.04	-55.30	-46.20	19.94	26.17	1980.17	-85.22	1669.66	225.29	738.18
24	59	1705	44.24	-47.77	-47.30	43.78	6.53	1808.44	-997.56	722.42	88.46	1366.73
24	59	1706	6.67	-59.06	-15.95	-36.43	31.23	781.52	131.05	751.86	160.71	135.70
24	59	1707	14.73	-37.24	-23.37	0.85	22.99	1288.11	-407.12	873.00	8.00	728.97
24	59	1708	18.53	-20.62	-19.91	17.82	5.23	1376.95	-840.04	396.10	140.80	1101.12
24	59	1709	8.99	-29.33	-1.38	-18.95	17.03	670.78	-86.42	450.37	134.00	343.97
24	59	1808	16.03	-28.93	-5.48	-7.42	22.46	1024.50	-483.89	501.44	39.17	717.91
24	59	1813	18.70	-15.74	-3.32	6.28	16.53	1046.57	-678.18	247.75	120.64	860.03
24	59	1814	22.36	-19.84	5.44	-2.92	20.68	872.79	-183.15	502.10	187.55	504.00
24	59	1817	22.79	-26.72	1.32	-5.25	24.53	1030.37	-458.02	445.44	126.91	726.95
24	59	1820	17.54	-29.00	-2.04	-9.42	22.98	879.33	-499.08	238.32	141.93	687.52
24	59	1821	23.46	-11.49	10.00	1.97	17.01	1668.58	-70.94	989.74	607.91	848.55
24	59	1824	25.72	-16.29	10.95	-1.52	20.06	1194.52	-453.44	539.42	201.66	806.49
24	59	1825	7.52	-23.17	-10.24	-5.42	15.15	915.65	-160.03	520.74	234.89	518.50
24	59	1829	17.39	6.49	15.08	8.81	-4.46	399.59	-517.08	330.11	-447.60	-242.61
24	59	1830	-5.69	-11.60	-6.54	-10.75	2.07	921.06	-139.95	763.52	17.59	377.27
24	59	1833	-1.41	-38.19	-23.04	-16.56	-18.10	616.93	-519.29	197.38	-99.74	548.34
24	91	42	5.09	-229.85	-23.25	-201.51	76.52	5605.42	-2081.53	3894.14	-370.25	-3197.82
24	91	50	97.04	-34.68	42.88	19.48	64.81	1.021e+04	324.49	6193.48	4339.78	4854.45
24	91	67	33.61	22.90	33.59	22.92	-0.41	975.46	-3089.95	341.82	-2456.30	1474.63
24	91	1671	-66.03	-110.43	-66.03	-110.42	-0.64	733.68	-948.88	-886.21	671.01	-318.63
24	91	1672	18.22	-42.26	17.82	-41.86	-4.88	457.00	-88.64	-84.52	452.87	47.27
24	91	1673	3.26	-27.38	3.22	-27.35	-1.03	555.71	-225.35	-29.17	359.52	338.74
24	91	1674	-7.12	-21.62	-11.33	-17.42	-6.58	770.52	-434.92	-68.35	403.95	554.53
24	91	1675	43.35	-4.96	30.43	7.96	-21.39	831.55	-1563.28	-1441.42	709.69	526.30
24	91	1676	-20.77	-72.82	-70.99	-22.60	-9.59	592.12	-765.64	-267.79	94.27	654.30
24	91	1677	43.22	10.27	12.86	40.62	-8.88	629.65	-528.63	-106.25	207.27	557.52
24	91	1678	28.60	4.79	4.98	28.41	-2.11	502.14	-395.04	-60.05	167.15	433.97
24	91	1679	15.35	5.97	8.67	12.65	-4.25	399.16	-357.98	-123.03	164.21	350.27
24	91	1680	-6.08	-39.63	-26.12	-19.59	16.46	192.67	-977.55	-766.10	-18.78	450.26
24	91	1681	9.12	-64.02	-5.52e-02	-54.84	24.23	3979.33	141.90	3488.43	632.80	-1281.72
24	91	1700	-32.99	-53.80	-37.62	-49.17	8.66	3801.92	1564.48	3797.92	1568.47	-94.44
24	91	1701	23.59	-42.09	-20.55	2.05	30.84	2593.26	1041.89	2474.77	1160.37	412.04
24	91	1702	59.02	3.03	8.52	53.54	16.65	1843.88	-531.32	1538.11	-225.56	795.46
24	91	1703	-1.31	-77.84	-43.24	-35.91	38.09	1687.53	281.45	1648.57	320.42	-230.81
24	91	1704	29.81	-54.43	-45.12	20.50	26.41	1973.46	-82.78	1667.37	223.30	731.91
24	91	1705	45.36	-46.61	-46.10	44.86	6.80	1802.11	-994.91	723.08	84.12	1361.53
24	91	1706	7.03	-58.74	-15.85	-35.86	31.33	777.93	132.12	749.95	160.10	131.47
24	91	1707	15.67	-37.26	-23.26	1.67	23.35	1281.86	-402.10	871.99	7.78	722.65
24	91	1708	19.52	-20.62	-19.85	18.74	5.53	1370.46	-834.61	395.57	140.28	1095.12
24	91	1709	9.17	-29.09	-1.61	-18.31	17.21	665.98	-80.82	449.30	135.87	338.92
24	91	1808	16.75	-28.89	-5.78	-6.35	22.82	1018.67	-477.41	500.56	40.70	711.83
24	91	1813	19.43	-15.89	-3.55	7.09	16.84	1040.88	-671.51	247.27	122.09	853.91
24	91	1814	22.43	-19.37	5.29	-2.24	20.56	867.30	-177.07	499.99	190.24	498.69
24	91	1817	23.06	-26.18	0.94	-4.06	24.50	1025.10	-452.51	444.34	128.24	721.70

24	91	1820	18.09	-28.66	-2.33	-8.25	23.18	873.93	-491.73	238.52	143.68	681.18
24	91	1821	24.46	-10.67	11.04	2.76	17.07	1665.69	-70.75	985.11	609.82	847.70
24	91	1824	25.97	-15.27	11.50	-0.81	19.68	1190.76	-449.00	538.76	203.00	802.50
24	91	1825	8.16	-22.40	-10.34	-3.91	14.94	911.96	-154.78	522.21	234.97	513.67
24	91	1829	20.29	8.11	18.45	9.94	-4.36	384.26	-514.71	317.60	-448.06	-235.54
24	91	1830	-2.11	-10.37	-2.48	-10.00	1.72	924.49	-138.60	767.07	18.81	377.58
24	91	1833	2.74	-32.98	-16.42	-13.82	-17.81	623.24	-509.07	211.67	-97.51	544.64

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	97.04	-262.93	-112.00	-227.13	-31.42	1.065e+04	-3244.29	-1505.06	-2642.13	-3274.75
			42.88	53.54	86.66			6616.13	4339.78	5143.64

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	20	72	16.53	293.84	56.08	210.26	139.67	-113.52	416.46	-147.78	337.06	-68.38	196.20
		36	25.39	111.26	-174.71	108.47	-171.92	28.11	1017.16	146.52	224.36	939.32	-248.43
		70	6.50	41.26	-77.19	6.24	-42.17	-54.05	62.45	-49.43	50.48	-37.46	-34.58
		71	6.96	25.00	-56.17	-27.61	-3.56	-38.76	263.52	-101.06	-69.66	232.12	102.28
1	56	72	14.12	199.48	43.50	112.19	130.80	-77.43	291.04	-229.37	198.11	-136.44	199.32
		36	23.11	36.72	-200.12	17.31	-180.71	64.97	828.28	30.94	72.09	787.13	-176.40
		70	5.64	-4.02	-51.47	-5.53	-49.96	-8.33	101.22	-162.20	100.17	-161.14	16.63
		71	4.62	-10.22	-45.69	-44.50	-11.42	6.40	213.60	-27.30	-2.49	188.79	73.22
1	88	72	13.98	193.74	41.90	105.49	130.15	-74.91	281.88	-235.63	187.85	-141.60	199.55
		36	22.96	32.41	-202.69	11.06	-181.35	67.54	814.19	21.87	60.74	775.32	-171.14
		70	5.81	-5.80	-51.13	-6.39	-50.54	-5.15	104.98	-172.39	103.51	-170.92	20.11
		71	4.68	-9.48	-48.20	-45.69	-12.00	9.53	209.68	-22.03	2.23	185.41	70.95
2	1	71	9.77	64.98	-132.13	-46.63	-20.52	97.69	171.96	-27.42	160.16	-15.63	47.04
		70	9.86	46.22	-160.91	-28.05	-86.64	99.34	134.69	6.56	132.88	8.36	-15.08
		73	8.97	62.30	-125.49	-11.25	-51.94	91.66	14.45	-61.11	-4.51	-42.15	-32.76
		74	9.53	65.34	-123.82	-22.63	-35.85	94.35	32.32	-59.37	-13.92	-13.12	45.85
2	33	71	6.64	38.38	-83.27	-31.66	-13.23	60.13	117.28	-25.27	92.55	-0.54	53.98
		70	6.58	20.89	-117.01	-16.73	-79.38	61.42	63.39	19.26	63.08	19.57	3.69
		73	5.32	29.36	-82.56	-8.44	-44.76	52.93	9.55	-38.49	0.85	-29.80	-18.50
		74	5.93	34.16	-78.58	-15.79	-28.64	56.01	36.92	-37.17	-4.33	4.08	36.80
2	65	71	6.40	36.35	-79.56	-30.53	-12.68	57.26	113.69	-25.64	87.46	0.59	54.46
		70	6.37	19.10	-113.82	-15.88	-78.83	58.53	58.49	19.69	57.81	20.37	5.09
		73	5.04	26.90	-79.34	-8.22	-44.22	49.98	9.20	-36.88	1.22	-28.90	-17.44
		74	5.65	31.79	-75.15	-15.27	-28.09	53.08	37.27	-35.50	-3.63	5.40	36.10
3	1	74	8.67	64.13	-114.05	-19.43	-30.49	88.92	53.08	-34.67	-17.86	36.27	34.53
		73	8.05	56.74	-116.74	-8.83	-51.17	84.12	-2.02	-43.68	-36.37	-9.32	15.84
		75	7.23	58.12	-105.29	-10.26	-36.91	80.61	-10.07	-49.56	-49.51	-10.13	1.49
		76	7.55	60.58	-107.07	-17.06	-29.44	83.60	28.92	-34.65	-33.63	27.91	7.97
3	33	74	5.48	33.91	-74.12	-13.79	-26.42	53.65	44.02	-24.30	-7.15	26.86	29.63
		73	5.00	26.63	-79.22	-5.47	-47.11	48.66	-3.01	-30.39	-25.78	-7.63	10.25
		75	4.33	27.93	-66.53	-5.76	-32.84	45.25	-8.18	-39.68	-39.46	-8.40	-2.61
		76	4.41	31.13	-66.84	-10.36	-25.35	48.41	19.61	-23.98	-23.50	19.13	4.54
3	65	74	5.24	31.62	-71.08	-13.36	-26.10	50.96	43.37	-23.55	-6.35	26.17	29.24
		73	4.77	24.43	-76.45	-5.22	-46.80	45.96	-3.10	-29.39	-24.99	-7.50	9.81
		75	4.12	25.69	-63.62	-5.42	-32.52	42.55	-7.99	-38.97	-38.70	-8.27	-2.93
		76	4.17	28.91	-63.80	-9.85	-25.04	45.73	18.92	-23.17	-22.73	18.48	4.27
4	1	76	8.44	62.31	-113.39	-15.79	-35.29	87.31	32.18	-39.22	-28.78	21.74	-25.23
		75	8.34	58.77	-112.01	-9.75	-43.49	83.71	15.75	-61.02	-47.54	2.27	-29.21
		77	8.19	61.41	-104.28	-7.75	-35.12	81.70	19.38	-62.33	-44.41	1.45	-33.81
		78	8.58	62.12	-106.82	-12.23	-32.48	83.86	40.85	-56.51	-29.47	13.81	-43.61
4	33	76	4.93	31.59	-70.75	-9.89	-29.27	50.24	20.17	-24.23	-20.92	16.86	-11.65
		75	4.88	27.84	-70.64	-5.32	-37.48	46.54	3.21	-45.62	-39.71	-2.70	-15.92
		77	4.70	29.65	-62.79	-4.03	-29.11	44.49	7.15	-48.55	-38.84	-2.56	-21.14
		78	5.06	30.76	-64.61	-7.40	-26.46	46.72	27.59	-42.05	-23.95	9.48	-30.55
4	65	76	4.67	29.27	-67.52	-9.45	-28.80	47.41	19.35	-23.17	-20.32	16.50	-10.63
		75	4.63	25.55	-67.54	-4.98	-37.01	43.70	2.31	-44.49	-39.12	-3.07	-14.92
		77	4.44	27.27	-59.67	-3.75	-28.65	41.65	6.26	-47.53	-38.41	-2.86	-20.19
		78	4.79	28.39	-61.41	-7.03	-26.00	43.89	26.60	-40.96	-23.52	9.16	-29.56
5	1	78	8.77	60.21	-112.89	-11.49	-41.19	85.27	40.67	-55.70	-30.40	15.37	-42.41
		77	8.42	59.73	-110.37	-6.66	-43.97	82.98	21.34	-62.07	-45.70	4.97	-33.12
		79	8.27	60.54	-105.17	-6.20	-38.42	81.27	27.84	-56.31	-35.11	6.64	-36.53
		80	8.77	59.35	-107.87	-9.66	-38.86	82.32	46.99	-66.81	-27.86	8.04	-54.00
5	33	78	5.18	29.46	-68.38	-7.10	-31.82	47.33	27.79	-41.60	-24.40	10.60	-29.96
		77	4.84	28.49	-66.67	-3.57	-34.61	44.98	8.13	-48.29	-39.43	-0.73	-20.52
		79	4.65	29.10	-61.25	-3.09	-29.06	43.27	14.04	-41.97	-29.08	1.15	-23.57
		80	5.15	28.26	-63.57	-5.81	-29.50	44.36	33.74	-52.51	-22.18	3.40	-41.18
5	65	78	4.91	27.14	-65.01	-6.76	-31.10	44.44	26.83	-40.53	-23.94	10.24	-29.02
		77	4.57	26.15	-63.38	-3.33	-33.89	42.08	7.15	-47.26	-38.95	-1.16	-19.57
		79	4.38	26.74	-57.93	-2.85	-28.34	40.37	13.00	-40.89	-28.62	0.73	-22.60
		80	4.88	25.91	-60.21	-5.52	-28.78	41.46	32.75	-51.43	-21.74	3.05	-40.22
6	1	80	8.96	55.18	-114.61	-9.13	-50.30	82.36	51.31	-65.67	-30.37	16.00	-53.70

		79	8.26	56.10	-112.17	-6.15	-49.91	81.24	14.26	-55.43	-32.79	-8.37	-32.64
		81	7.88	56.48	-108.22	-5.46	-46.27	79.78	12.96	-39.32	-17.05	-9.32	-25.85
		82	8.42	53.58	-110.83	-8.33	-48.92	79.66	44.95	-46.92	-5.04	3.08	-45.75
6	33	80	5.28	25.94	-67.71	-5.63	-36.14	44.27	35.93	-51.85	-23.59	7.67	-41.01
		79	4.68	26.66	-65.56	-3.15	-35.76	43.13	7.47	-40.98	-27.81	-5.70	-21.55
		81	4.37	26.84	-61.57	-2.61	-32.12	41.67	9.95	-26.83	-12.31	-4.57	-17.98
		82	4.85	24.32	-64.01	-4.92	-34.76	41.57	31.58	-42.81	-9.18	-2.05	-37.03
6	65	80	5.00	23.75	-64.15	-5.36	-35.05	41.37	34.78	-50.81	-23.07	7.04	-40.06
		79	4.41	24.45	-62.04	-2.92	-34.67	40.23	6.98	-39.90	-27.43	-5.50	-20.72
		81	4.10	24.61	-58.03	-2.39	-31.03	38.76	9.74	-25.91	-11.96	-4.21	-17.40
		82	4.58	22.13	-60.46	-4.66	-33.68	38.66	30.58	-42.53	-9.49	-2.45	-36.39
7	5	82	8.46	46.15	-120.03	-8.06	-65.82	77.91	22.48	-70.74	-22.69	-25.57	-46.58
		81	8.36	48.40	-117.89	-6.37	-63.13	78.15	66.96	-3.59	8.46	54.90	-26.55
		83	7.71	53.46	-112.85	2.05	-61.45	76.85	68.09	-2.56	9.20	56.33	26.31
		84	7.95	49.52	-115.10	-0.10	-65.48	75.54	-7.57	-50.67	-25.65	-32.59	21.27
7	37	82	4.91	20.60	-69.46	-4.90	-43.96	40.57	21.16	-54.08	-17.82	-15.09	-37.60
		81	4.67	22.86	-67.25	-3.11	-41.27	40.82	35.91	-9.14	0.19	26.59	-18.25
		83	4.00	25.00	-63.65	0.94	-39.60	39.42	31.14	3.56	6.77	27.93	8.85
		84	4.10	21.36	-65.97	-0.98	-43.62	38.11	-17.74	-22.98	-18.25	-22.47	1.55
7	69	82	4.64	18.68	-65.63	-4.66	-42.29	37.72	21.08	-52.84	-17.46	-14.31	-36.93
		81	4.39	20.94	-63.41	-2.87	-39.60	37.97	33.56	-9.59	-0.45	24.42	-17.63
		83	3.73	22.86	-59.92	0.86	-37.92	36.57	28.34	3.99	6.58	25.75	7.50
		84	3.81	19.26	-62.25	-1.05	-41.95	35.25	-17.70	-21.71	-17.70	-21.71	0.04
8	5	84	9.45	33.99	-118.89	1.25	-86.15	62.72	-49.16	-209.73	-58.70	-200.19	37.96
		83	10.17	36.54	-119.22	-2.22	-80.46	67.34	-32.77	-248.53	-46.95	-234.35	53.46
		35	9.83	16.15	-120.85	-19.76	-84.93	60.25	-47.07	-281.71	-52.88	-275.90	36.47
		85	9.23	23.05	-120.95	-15.22	-82.67	63.62	-41.00	-220.24	-46.27	-214.96	30.29
8	37	84	5.01	13.33	-69.11	-0.67	-55.11	30.95	-34.40	-104.82	-36.06	-103.16	10.67
		83	5.36	18.32	-68.13	-0.39	-49.43	35.60	-12.46	-110.27	-17.85	-104.88	22.30
		35	5.39	2.99	-68.24	-11.35	-53.90	28.56	-23.72	-149.72	-26.74	-146.70	19.27
		85	5.09	7.41	-68.87	-9.82	-51.64	31.90	-24.04	-120.85	-26.67	-118.23	15.72
8	69	84	4.68	11.80	-65.34	-0.81	-52.73	28.53	-33.16	-96.92	-34.33	-95.74	8.57
		83	4.99	16.95	-64.25	-0.25	-47.05	33.18	-10.91	-99.70	-15.63	-94.98	19.92
		35	5.05	2.05	-64.28	-10.70	-51.52	26.14	-21.93	-139.62	-24.74	-136.81	17.95
		85	4.78	6.25	-64.92	-9.41	-49.26	29.48	-22.75	-113.25	-25.17	-110.83	14.61
9	4	87	11.19	170.78	-21.28	131.80	17.69	-77.24	114.05	-115.77	-115.28	113.55	10.63
		72	11.60	156.08	-27.82	119.57	8.69	-73.36	246.45	-73.93	-70.34	242.86	33.73
		71	8.89	80.71	-48.38	15.49	16.84	-64.54	204.74	-53.51	45.25	105.98	125.50
		86	7.75	99.91	-48.89	44.54	6.49	-71.93	165.92	19.94	25.63	160.23	28.24
9	33	87	4.71	16.04	-49.98	-37.08	3.14	26.18	125.00	-41.38	47.56	36.06	82.99
		72	3.81	12.99	-57.75	-39.02	-5.74	31.21	149.51	89.12	92.56	146.07	13.99
		71	7.01	34.45	-79.35	-48.49	3.59	50.59	71.83	-102.65	-0.86	-29.96	86.02
		86	6.16	25.93	-61.18	-28.37	-6.88	42.21	112.48	-69.47	-0.45	43.45	88.29
9	65	87	4.39	15.02	-44.00	-32.51	3.53	23.37	121.72	-40.42	43.16	38.14	81.03
		72	3.59	11.92	-51.99	-34.73	-5.35	28.38	151.97	84.85	88.15	148.67	14.52
		71	6.76	32.42	-75.23	-46.76	3.95	47.47	75.13	-101.05	0.38	-26.30	87.08
		86	5.84	23.90	-56.82	-26.40	-6.51	39.12	113.14	-66.28	0.26	46.61	86.66
10	1	86	10.02	47.98	-121.26	-52.03	-21.24	83.21	118.34	-81.62	-16.89	53.61	93.56
		71	11.43	53.56	-155.63	-69.74	-32.33	102.91	88.68	-85.02	23.54	-19.87	84.09
		74	10.50	72.94	-137.65	-22.61	-42.11	104.84	17.56	-74.57	-17.15	-39.86	44.65
		88	9.92	70.88	-126.25	-25.98	-29.39	98.55	69.06	-45.58	-16.88	40.36	49.66
10	33	86	5.97	24.53	-60.40	-26.67	-9.20	41.55	113.01	-63.74	-10.77	60.04	80.97
		71	7.25	29.77	-95.09	-45.02	-20.30	61.20	89.97	-49.23	30.83	9.91	68.81
		74	6.41	39.40	-84.52	-14.89	-30.23	61.48	25.48	-45.65	-10.44	-9.73	35.57
		88	5.99	37.43	-72.99	-18.05	-17.51	55.21	70.78	-34.00	-11.20	47.98	43.24
10	65	86	5.66	22.74	-55.77	-24.75	-8.28	38.38	112.59	-62.40	-10.33	60.52	80.00
		71	6.94	27.96	-90.48	-43.14	-19.38	58.02	90.08	-46.56	31.37	12.15	67.64
		74	6.10	36.85	-80.48	-14.31	-29.32	58.18	26.19	-43.60	-9.95	-7.45	34.87
		88	5.69	34.89	-68.94	-17.44	-16.61	51.91	70.91	-33.16	-10.79	48.54	42.74
11	1	88	8.01	61.28	-115.16	-22.41	-31.47	88.11	44.55	-15.84	-13.64	42.35	11.31
		74	8.57	62.27	-129.36	-23.82	-43.27	95.32	26.46	-2.37	-2.34	26.43	-0.94
		76	8.46	64.36	-121.78	-14.36	-43.06	91.96	29.78	-28.26	-24.77	26.29	13.80
		89	8.38	63.33	-116.66	-17.79	-35.54	89.56	43.76	-32.14	-26.21	37.83	20.36
11	33	88	5.03	32.39	-67.10	-14.94	-19.77	49.69	57.88	-20.93	-11.68	48.63	25.37
		74	5.38	33.39	-81.40	-16.44	-31.57	56.89	28.44	-6.30	-0.20	22.34	13.21
		76	4.94	34.11	-74.82	-9.33	-31.37	53.34	20.75	-21.69	-20.35	19.40	7.42
		89	4.81	33.21	-69.38	-12.33	-23.85	50.97	42.91	-23.85	-21.46	40.52	12.40
11	65	88	4.80	30.19	-63.44	-14.38	-18.88	46.76	58.98	-21.44	-11.55	49.09	26.42
		74	5.15	31.19	-77.75	-15.88	-30.68	53.96	29.04	-7.05	-0.06	22.05	14.26
		76	4.67	31.82	-71.25	-8.95	-30.48	50.40	20.10	-21.23	-20.03	18.90	6.93
		89	4.54	30.91	-65.78	-11.91	-22.96	48.03	42.88	-23.29	-21.12	40.71	11.78
12	1	89	8.45	62.41	-111.86	-15.50	-33.95	86.64	59.21	-27.05	-19.46	51.62	-24.44
		76	8.70	63.72	-117.00	-11.90	-41.38	89.15	33.16	-31.84	-17.55	18.87	-26.92
		78	8.83	62.18	-111.74	-10.64	-38.91	85.80	43.13	-52.25	-21.00	11.88	-44.77
		90	8.85	60.05	-110.18	-14.78	-35.36	84.49	63.49	-49.07	-20.29	34.71	-49.10
12	33	89	4.85	32.22	-67.61	-11.06	-24.32	49.47	47.88	-19.47	-18.38	46.78	-8.53
		76	5.11	33.18	-73.27	-8.33	-31.76	51.92	19.67	-20.25	-16.41	15.83	-11.77

		78	5.23	31.81	-67.94	-6.84	-29.29	48.59	27.57	-39.01	-20.63	9.19	-29.77
		90	5.23	29.99	-65.93	-10.22	-25.73	47.33	46.81	-36.71	-20.07	30.17	-33.36
12	65	89	4.58	29.93	-64.23	-10.72	-23.58	46.64	47.25	-19.13	-18.31	46.43	-7.33
		76	4.84	30.87	-69.95	-8.06	-31.02	49.08	18.83	-19.55	-16.34	15.62	-10.63
		78	4.96	29.51	-64.61	-6.55	-28.55	45.76	26.43	-38.04	-20.61	8.99	-28.64
		90	4.96	27.71	-62.56	-9.87	-24.99	44.50	45.62	-35.83	-20.06	29.85	-32.18
13	1	90	8.85	56.61	-112.37	-13.00	-42.76	83.17	64.57	-49.29	-21.53	36.80	-48.89
		78	8.77	57.22	-115.03	-11.34	-46.48	84.31	42.30	-51.49	-22.16	12.97	-43.48
		80	8.69	55.99	-110.30	-10.09	-44.22	81.37	44.68	-63.56	-23.41	4.53	-52.29
		91	8.82	53.20	-109.80	-13.26	-43.33	80.10	60.46	-68.09	-23.05	15.43	-61.33
13	33	90	5.26	27.90	-67.70	-9.37	-30.43	46.62	47.41	-36.81	-20.82	31.43	-33.02
		78	5.23	28.99	-70.33	-7.19	-34.14	47.80	27.27	-38.55	-21.20	9.92	-29.00
		80	5.14	27.64	-65.67	-6.14	-31.89	44.85	30.77	-49.21	-20.49	2.05	-38.37
		91	5.24	24.91	-64.98	-9.08	-30.99	43.59	43.56	-53.69	-20.69	10.55	-46.05
13	65	90	4.99	25.73	-64.29	-9.09	-29.48	43.84	46.17	-35.91	-20.78	31.04	-31.83
		78	4.96	26.87	-66.93	-6.87	-33.19	45.01	26.17	-37.61	-21.13	9.69	-27.92
		80	4.88	25.50	-62.29	-5.84	-30.94	42.06	29.74	-48.13	-20.26	1.87	-37.33
		91	4.96	22.77	-61.58	-8.77	-30.04	40.81	42.30	-52.61	-20.50	10.20	-44.90
14	1	91	8.68	48.52	-112.13	-11.78	-51.82	77.79	45.75	-79.45	-25.63	-8.07	-61.98
		80	8.62	51.10	-112.96	-8.99	-52.87	79.04	45.53	-62.25	-23.47	6.75	-51.73
		82	8.41	48.85	-109.40	-9.09	-51.45	76.24	38.82	-73.99	-31.24	-3.93	-54.73
		92	8.44	45.40	-109.33	-11.69	-52.24	74.66	32.44	-99.20	-35.18	-31.58	-65.79
14	33	91	5.18	22.30	-66.92	-8.42	-36.21	42.39	36.45	-58.69	-22.29	0.05	-46.24
		80	5.14	24.95	-67.86	-5.66	-37.25	43.64	31.38	-48.45	-20.68	3.60	-38.02
		82	4.88	22.97	-64.21	-5.40	-35.84	40.84	26.63	-53.77	-21.65	-5.49	-39.38
		92	4.88	19.48	-64.11	-8.02	-36.62	39.27	24.40	-72.01	-24.97	-22.65	-48.19
14	65	91	4.92	20.32	-63.48	-8.16	-35.00	39.69	35.77	-57.15	-22.03	0.65	-45.06
		80	4.88	22.98	-64.44	-5.41	-36.05	40.94	30.31	-47.42	-20.46	3.36	-37.00
		82	4.61	21.03	-60.78	-5.12	-34.63	38.15	25.72	-52.24	-20.90	-5.61	-38.22
		92	4.61	17.53	-60.68	-7.74	-35.42	36.58	23.79	-69.95	-24.18	-21.99	-46.86
15	1	92	7.15	39.05	-110.82	-10.08	-61.69	70.35	-57.69	-77.26	-57.70	-77.25	-0.38
		82	8.14	41.94	-111.60	-8.66	-61.00	72.17	21.39	-90.80	-37.01	-32.39	-56.05
		84	7.32	37.08	-109.24	-11.65	-60.50	68.96	-27.34	-79.98	-64.68	-42.65	-23.90
		93	7.70	34.80	-109.32	-12.74	-61.78	67.76	-58.93	-118.24	-75.36	-101.81	26.55
15	33	92	3.96	16.12	-65.74	-7.33	-42.28	37.01	-22.73	-57.44	-36.09	-44.08	-16.89
		82	4.78	19.49	-66.30	-5.20	-41.60	38.84	18.62	-61.63	-24.66	-18.36	-40.00
		84	3.87	15.68	-63.51	-6.73	-41.10	35.67	-26.33	-37.51	-35.72	-28.11	4.10
		93	4.10	12.95	-63.83	-8.50	-42.38	34.45	-42.03	-67.02	-42.26	-66.80	2.37
15	65	92	3.77	14.41	-62.32	-7.12	-40.79	34.47	-19.50	-56.51	-34.44	-41.57	-18.16
		82	4.53	17.82	-62.87	-4.94	-40.11	36.31	18.41	-59.42	-23.71	-17.30	-38.78
		84	3.61	14.09	-60.05	-6.35	-39.61	33.14	-26.12	-34.40	-33.51	-27.01	2.57
		93	3.84	11.33	-60.40	-8.18	-40.89	31.92	-39.72	-64.15	-39.73	-64.14	0.52
16	1	93	7.89	29.50	-108.56	-11.29	-67.78	62.99	-83.28	-170.41	-87.15	-166.54	17.95
		84	8.89	33.50	-110.05	-10.20	-66.35	66.05	-82.89	-222.01	-96.68	-208.21	41.58
		85	8.47	26.41	-106.76	-14.74	-65.61	61.53	-38.35	-217.86	-43.04	-213.18	28.62
		94	7.91	28.75	-110.10	-13.92	-67.43	64.06	-33.07	-169.39	-33.62	-168.84	8.63
16	33	93	4.32	9.72	-64.07	-7.97	-46.38	31.50	-48.07	-97.91	-48.11	-97.87	-1.26
		84	4.80	14.10	-65.20	-6.13	-44.96	34.57	-48.15	-110.21	-51.26	-107.10	13.54
		85	4.68	7.85	-61.57	-9.51	-44.22	30.06	-21.52	-119.03	-23.54	-117.01	13.89
		94	4.58	9.62	-65.11	-9.44	-46.04	32.58	-20.68	-105.23	-20.78	-105.13	2.91
16	65	93	4.05	8.27	-60.72	-7.71	-44.74	29.10	-44.96	-92.80	-45.12	-92.65	-2.74
		84	4.49	12.67	-61.81	-5.82	-43.32	32.18	-45.39	-101.78	-47.79	-99.37	11.39
		85	4.40	6.49	-58.17	-9.10	-42.57	27.67	-20.23	-111.48	-22.05	-109.66	12.76
		94	4.34	8.21	-61.71	-9.10	-44.40	30.18	-19.72	-100.36	-19.80	-100.28	2.47
17	1	96	8.01	32.66	-93.28	-50.35	-10.27	59.70	51.84	-125.00	-75.06	1.91	79.60
		87	7.86	34.63	-91.77	-50.00	-7.13	59.45	54.46	-112.17	-61.11	3.40	76.82
		86	9.40	48.54	-96.96	-44.60	-3.82	69.83	97.34	-136.42	-23.98	-15.10	116.80
		95	8.97	47.37	-92.64	-36.29	-8.98	68.66	114.90	-106.08	-33.94	42.76	103.62
17	33	96	4.33	17.35	-38.71	-14.42	-6.94	27.77	68.17	-81.19	-43.87	30.85	64.67
		87	4.09	18.29	-37.68	-15.57	-3.82	27.36	77.25	-56.05	-27.10	48.30	54.97
		86	5.93	25.74	-50.31	-23.88	-0.68	36.21	107.34	-94.21	-14.14	27.26	98.63
		95	5.69	25.38	-45.49	-14.29	-5.83	35.18	125.67	-82.72	-26.35	69.30	92.57
17	65	96	4.06	16.27	-34.66	-11.70	-6.68	25.34	69.40	-77.89	-41.51	33.02	63.52
		87	3.81	17.09	-33.63	-12.96	-3.57	24.92	79.09	-51.94	-24.53	51.68	53.29
		86	5.67	24.01	-46.76	-22.31	-0.44	33.65	108.21	-91.15	-13.39	30.45	97.24
		95	5.44	23.72	-41.93	-12.62	-5.58	32.63	126.53	-81.03	-25.78	71.28	91.73
18	1	95	9.56	51.39	-107.60	-36.24	-19.97	79.08	129.31	-86.02	-32.56	75.85	93.02
		86	9.63	52.14	-115.97	-45.51	-18.31	82.95	109.34	-67.81	-10.34	51.87	82.94
		88	9.62	66.89	-118.42	-29.19	-22.34	92.59	70.81	-59.27	-27.33	38.86	55.99
		97	9.37	64.44	-110.20	-25.07	-20.69	87.29	95.58	-69.92	-41.63	67.29	62.31
18	33	95	5.81	27.02	-53.15	-14.61	-11.52	40.06	126.70	-70.25	-26.75	83.20	81.70
		86	5.90	27.35	-61.60	-24.38	-9.87	43.88	107.18	-52.58	-4.60	59.20	73.23
		88	5.89	36.29	-68.83	-18.53	-14.00	52.51	71.05	-43.59	-19.33	46.79	46.82
		97	5.65	34.05	-60.46	-14.07	-12.34	47.24	101.51	-52.65	-33.52	82.38	50.82
18	65	95	5.53	25.18	-49.02	-12.97	-10.87	37.09	126.50	-69.07	-26.32	83.74	80.83
		86	5.62	25.46	-57.46	-22.78	-9.22	40.91	107.01	-51.44	-4.18	59.75	72.49
		88	5.61	33.97	-65.05	-17.72	-13.36	49.46	71.07	-42.41	-18.73	47.39	46.12

		97	5.37	31.74	-56.67	-13.24	-11.70	44.20	101.98	-51.40	-32.91	83.49	49.94
19	1	97	9.09	59.87	-112.15	-22.89	-29.39	85.95	132.85	-56.25	-37.88	114.48	56.00
		88	9.43	61.63	-121.47	-27.70	-32.14	91.52	76.62	-51.50	-23.10	48.22	53.22
		89	8.87	65.03	-121.35	-20.98	-35.34	92.92	37.57	-35.76	-27.35	29.16	-23.37
		98	8.26	63.37	-114.47	-19.28	-31.82	88.70	101.64	-44.37	-42.49	99.77	16.43
19	33	97	5.51	31.45	-61.90	-12.85	-17.59	46.62	118.33	-46.87	-31.52	102.99	47.95
		88	5.77	33.25	-71.16	-17.57	-20.34	52.19	73.58	-38.62	-16.42	51.38	44.70
		89	5.09	34.90	-72.24	-13.79	-23.56	53.35	37.56	-23.96	-22.84	36.44	-8.21
		98	4.70	32.57	-65.76	-13.15	-20.04	49.05	89.23	-35.41	-34.69	88.50	9.48
19	65	97	5.24	29.29	-58.07	-12.09	-16.69	43.62	117.27	-46.15	-31.05	102.17	47.33
		88	5.50	31.09	-67.33	-16.80	-19.44	49.20	73.34	-37.65	-15.92	51.60	44.05
		89	4.80	32.60	-68.51	-13.25	-22.65	50.34	37.81	-23.33	-22.50	36.98	-7.07
		98	4.43	30.23	-62.05	-12.68	-19.14	46.03	88.35	-34.75	-34.10	87.70	8.94
20	1	98	8.64	57.61	-113.23	-18.36	-37.26	84.89	96.18	-40.77	-34.60	90.01	-28.40
		89	8.76	60.34	-119.55	-18.32	-40.88	89.24	57.90	-32.84	-25.43	50.49	-24.85
		90	9.19	58.88	-117.53	-16.58	-42.08	87.28	61.09	-57.98	-30.42	33.53	-50.22
		99	9.19	55.04	-113.76	-18.93	-39.79	83.76	88.90	-63.24	-35.65	61.32	-58.62
20	33	98	4.98	29.33	-65.74	-12.56	-23.85	47.20	84.70	-32.00	-30.90	83.60	-11.27
		89	5.07	32.10	-72.06	-12.49	-27.47	51.54	47.32	-22.81	-21.72	46.22	-8.70
		90	5.47	30.39	-70.24	-11.19	-28.66	49.55	45.67	-41.33	-25.28	29.62	-33.74
		99	5.46	26.60	-66.39	-13.42	-26.37	46.04	71.74	-47.11	-30.53	55.16	-41.18
20	65	98	4.71	27.18	-62.12	-12.12	-22.82	44.33	84.02	-31.49	-30.62	83.15	-9.99
		89	4.80	29.96	-68.45	-12.05	-26.44	48.67	46.75	-22.26	-21.44	45.93	-7.48
		90	5.19	28.23	-66.64	-10.78	-27.64	46.68	44.57	-40.10	-24.89	29.35	-32.50
		99	5.18	24.43	-62.78	-13.00	-25.35	43.17	70.53	-45.93	-30.14	54.74	-39.87
21	1	99	8.86	52.45	-109.70	-16.91	-40.33	80.22	80.38	-65.64	-36.92	51.66	-58.04
		90	8.88	56.17	-113.57	-14.65	-42.76	83.70	56.30	-59.17	-31.19	28.32	-49.48
		91	8.92	52.46	-111.22	-15.55	-43.22	80.66	53.78	-81.49	-34.69	6.98	-64.35
		100	8.95	48.05	-108.98	-18.39	-42.54	77.58	68.31	-91.81	-38.55	15.05	-75.44
21	33	99	5.32	24.83	-65.13	-12.43	-27.87	44.31	67.47	-47.99	-31.43	50.91	-40.47
		90	5.34	28.54	-69.10	-10.26	-30.30	47.78	43.38	-41.69	-25.80	27.49	-33.16
		91	5.35	25.41	-66.47	-10.30	-30.76	44.79	40.24	-59.99	-26.38	6.63	-47.32
		100	5.35	21.01	-64.13	-13.04	-30.08	41.71	53.48	-69.17	-30.12	14.43	-57.13
21	65	99	5.05	22.74	-61.73	-12.09	-26.91	41.58	66.57	-46.71	-31.01	50.87	-39.15
		90	5.07	26.45	-65.72	-9.93	-29.34	45.05	42.46	-40.41	-25.38	27.44	-31.93
		91	5.08	23.37	-63.06	-9.90	-29.79	42.06	39.23	-58.36	-25.74	6.61	-46.03
		100	5.08	18.97	-60.72	-12.63	-29.12	38.98	52.38	-67.45	-29.47	14.40	-55.75
22	1	100	8.64	42.81	-108.98	-16.61	-49.56	74.09	46.14	-106.41	-43.15	-17.13	-75.16
		91	8.69	47.06	-111.46	-13.99	-50.42	77.14	43.40	-90.15	-37.22	-9.54	-65.33
		92	6.82	42.74	-109.20	-15.72	-50.74	73.92	-26.34	-43.71	-42.89	-27.16	-3.69
		101	6.68	38.61	-107.73	-17.83	-51.30	71.23	-43.14	-64.72	-56.25	-51.61	-10.54
22	33	100	5.21	18.11	-64.89	-12.23	-34.56	39.97	42.52	-75.59	-32.85	-0.21	-56.76
		91	5.26	22.43	-67.42	-9.57	-35.42	43.02	35.27	-63.86	-27.95	-0.63	-47.65
		92	4.19	18.98	-64.77	-10.04	-35.75	39.85	-5.62	-43.46	-28.54	-20.53	-18.49
		101	4.09	14.66	-63.39	-12.42	-36.30	37.15	-10.46	-62.97	-36.52	-36.91	-26.26
22	65	100	4.95	16.24	-61.54	-11.89	-33.41	37.37	42.29	-73.29	-32.05	1.05	-55.36
		91	5.00	20.57	-64.07	-9.23	-34.27	40.43	34.67	-61.88	-27.24	0.02	-46.31
		92	3.99	17.20	-61.40	-9.61	-34.59	37.26	-3.77	-43.72	-27.44	-20.05	-19.63
		101	3.89	12.87	-60.02	-12.01	-35.15	34.56	-7.95	-62.88	-35.02	-35.81	-27.46
23	1	101	6.63	33.94	-107.43	-16.17	-57.32	67.62	-58.50	-91.33	-63.26	-86.57	-11.56
		92	7.13	38.08	-109.19	-14.15	-56.96	70.46	-58.82	-78.58	-59.84	-77.55	4.39
		93	7.30	33.99	-106.99	-15.87	-57.14	67.40	-31.55	-98.12	-35.30	-94.37	15.35
		102	7.05	30.64	-106.51	-17.38	-58.50	65.42	-38.99	-117.36	-39.01	-117.34	1.30
23	33	101	3.94	12.05	-64.05	-11.73	-40.27	35.28	-19.38	-74.20	-40.38	-53.19	-26.65
		92	3.93	16.44	-65.69	-9.35	-39.90	38.12	-25.68	-55.50	-36.96	-44.22	-14.46
		93	3.96	13.11	-63.23	-10.04	-40.08	35.09	-22.77	-63.31	-22.99	-63.09	-3.00
		102	3.91	9.63	-62.89	-11.82	-41.44	33.10	-23.98	-88.82	-26.81	-85.98	-13.25
23	65	101	3.76	10.42	-60.77	-11.39	-38.96	32.82	-16.20	-73.11	-38.64	-50.67	-27.81
		92	3.75	14.82	-62.40	-8.98	-38.59	35.66	-22.22	-54.69	-35.22	-41.69	-15.91
		93	3.72	11.56	-59.92	-9.59	-38.77	32.63	-21.55	-61.21	-22.05	-60.71	-4.41
		102	3.69	8.08	-59.61	-11.40	-40.13	30.64	-22.51	-87.00	-25.89	-83.62	-14.37
24	1	102	7.16	26.50	-106.38	-16.07	-63.81	62.00	-45.01	-149.69	-45.18	-149.51	-4.26
		93	7.67	31.52	-108.55	-14.47	-62.56	65.78	-47.03	-158.61	-47.40	-158.24	6.40
		94	7.60	28.22	-104.52	-13.85	-62.45	61.76	-33.07	-169.73	-33.62	-169.18	8.69
		103	7.67	29.09	-107.25	-13.61	-64.55	63.24	-33.53	-170.31	-33.61	-170.23	3.23
24	33	102	4.07	6.94	-63.33	-11.36	-45.03	30.84	-26.90	-104.27	-30.09	-101.07	-15.40
		93	4.29	11.98	-65.28	-9.51	-43.78	34.62	-28.30	-94.29	-28.99	-93.60	-6.73
		94	4.39	8.54	-61.60	-9.38	-43.68	30.59	-20.69	-105.61	-20.79	-105.51	2.98
		103	4.69	9.16	-64.49	-9.55	-45.78	32.07	-24.05	-122.74	-24.05	-122.74	-0.38
24	65	102	3.85	5.51	-60.10	-11.00	-43.59	28.47	-25.29	-101.08	-28.95	-97.42	-16.25
		93	4.04	10.54	-62.01	-9.13	-42.34	32.25	-26.62	-89.64	-27.59	-88.68	-7.74
		94	4.16	7.10	-58.37	-9.03	-42.24	28.22	-19.73	-100.74	-19.81	-100.66	2.55
		103	4.47	7.70	-61.28	-9.24	-44.33	29.70	-23.33	-119.17	-23.33	-119.16	-0.66
25	1	105	7.63	43.36	-69.32	-16.02	-9.94	56.26	105.37	-111.96	-44.44	37.85	100.58
		96	7.00	43.35	-70.63	-19.33	-7.95	56.71	61.46	-95.61	-43.30	9.15	74.03
		95	8.47	48.41	-77.59	-23.51	-5.67	62.37	105.12	-129.38	-60.77	36.52	106.68
		104	9.08	49.93	-76.21	-18.54	-7.74	62.84	161.58	-135.40	-65.10	91.27	126.24

25	33	105	4.61	26.12	-30.02	3.99	-7.90	27.43	107.49	-82.05	-30.53	55.97	84.32
		96	4.00	25.05	-30.90	0.05	-5.91	27.82	71.29	-63.52	-27.63	35.40	59.58
		95	5.57	26.89	-39.23	-8.66	-3.69	32.97	121.34	-96.68	-39.97	64.62	95.65
		104	6.17	29.07	-37.98	-3.16	-5.76	33.50	170.68	-105.56	-46.10	111.21	113.53
25	65	105	4.38	24.97	-27.22	5.50	-7.74	25.24	107.65	-79.81	-29.48	57.31	83.08
		96	3.77	23.75	-27.99	1.52	-5.76	25.62	72.07	-61.16	-26.45	37.37	58.47
		95	5.35	25.26	-36.33	-7.53	-3.54	30.73	122.57	-94.23	-38.39	66.73	94.80
		104	5.95	27.52	-35.12	-2.00	-5.60	31.27	171.35	-103.31	-44.66	112.69	112.56
26	1	104	9.58	57.00	-93.03	-18.43	-17.59	75.01	192.18	-103.08	-61.87	150.97	102.32
		95	9.21	55.52	-95.58	-24.03	-16.03	75.44	112.81	-107.11	-54.45	60.14	93.85
		97	8.94	62.01	-101.92	-23.66	-16.25	81.88	89.48	-84.87	-60.26	64.87	60.70
		106	8.92	60.75	-97.69	-20.33	-16.62	79.20	179.09	-81.76	-69.01	166.35	56.24
26	33	104	6.16	31.99	-46.80	-3.45	-11.36	39.19	177.52	-83.55	-45.24	139.21	92.38
		95	5.73	30.10	-49.11	-9.21	-9.80	39.61	118.37	-79.54	-36.67	75.50	81.53
		97	5.54	33.89	-57.37	-13.41	-10.07	45.60	98.41	-60.70	-42.88	80.59	50.18
		106	5.65	32.71	-53.14	-9.99	-10.43	42.93	165.47	-63.39	-52.77	154.85	48.14
26	65	104	5.90	30.12	-43.32	-2.31	-10.89	36.47	176.42	-82.06	-43.98	138.34	91.61
		95	5.47	28.18	-45.59	-8.09	-9.32	36.88	118.77	-77.47	-35.33	76.63	80.58
		97	5.29	31.75	-53.99	-12.64	-9.60	42.84	99.08	-58.90	-41.58	81.75	49.37
		106	5.41	30.59	-49.76	-9.21	-9.96	40.17	164.45	-62.01	-51.56	154.00	47.51
27	1	106	9.00	59.63	-104.89	-19.12	-26.14	82.18	181.32	-77.72	-65.17	168.76	55.63
		97	9.04	60.61	-109.58	-22.66	-26.30	85.07	129.85	-70.27	-54.44	114.01	54.02
		98	8.24	61.88	-112.67	-22.49	-28.30	87.23	101.84	-60.85	-59.18	100.17	16.39
		107	7.88	58.24	-107.78	-22.00	-27.54	82.96	148.98	-67.89	-67.49	148.58	9.31
27	33	106	5.62	31.70	-57.27	-9.50	-16.07	44.36	165.30	-60.98	-50.24	154.56	48.11
		97	5.58	32.75	-61.85	-12.87	-16.22	47.27	116.53	-53.51	-39.47	102.50	46.79
		98	4.80	32.83	-65.75	-14.68	-18.24	49.26	89.23	-43.55	-42.88	88.56	9.46
		107	4.82	29.05	-60.95	-14.42	-17.48	44.97	134.34	-51.24	-51.21	134.31	2.11
27	65	106	5.37	29.58	-53.65	-8.78	-15.30	41.49	164.13	-59.71	-49.12	153.54	47.52
		97	5.32	30.63	-58.22	-12.13	-15.45	44.39	115.56	-52.23	-38.35	101.67	46.23
		98	4.54	30.62	-62.18	-14.09	-17.47	46.37	88.34	-42.26	-41.65	87.73	8.92
		107	4.60	26.83	-57.39	-13.85	-16.71	42.08	133.31	-50.00	-49.99	133.29	1.54
28	1	107	8.83	53.87	-109.51	-20.31	-35.33	81.34	135.81	-67.10	-59.33	128.04	-38.93
		98	8.77	57.42	-114.52	-20.76	-36.35	85.62	96.26	-57.16	-50.53	89.63	-31.21
		99	9.30	54.45	-115.14	-22.08	-38.61	84.39	88.38	-76.70	-49.55	61.23	-61.19
		108	9.33	49.33	-110.89	-23.27	-38.30	79.76	116.16	-87.23	-55.49	84.42	-73.81
28	33	107	5.28	26.44	-62.40	-13.60	-22.37	44.20	126.59	-49.51	-47.22	124.30	-19.93
		98	5.11	30.15	-67.31	-13.78	-23.38	48.49	84.60	-39.94	-38.63	83.30	-12.67
		99	5.57	27.25	-67.90	-15.01	-25.64	47.28	71.60	-53.76	-37.25	55.10	-42.38
		108	5.64	21.94	-63.76	-16.49	-25.33	42.62	101.33	-63.60	-42.99	80.71	-54.55
28	65	107	5.02	24.35	-58.82	-13.09	-21.38	41.38	126.04	-48.30	-46.32	124.06	-18.50
		98	4.84	28.08	-63.72	-13.25	-22.39	45.67	83.91	-38.79	-37.74	82.86	-11.27
		99	5.29	25.19	-64.31	-14.47	-24.65	44.46	70.41	-52.05	-36.33	54.68	-40.97
		108	5.37	19.86	-60.18	-15.98	-24.34	39.80	100.28	-61.86	-42.05	80.47	-53.10
29	1	108	9.16	44.25	-110.65	-21.58	-44.83	76.57	112.38	-89.28	-58.64	81.73	-72.39
		99	9.08	49.39	-114.91	-20.19	-45.33	81.18	79.38	-79.27	-51.33	51.44	-60.43
		100	9.14	44.82	-114.26	-22.06	-47.38	78.53	67.97	-98.67	-45.67	14.96	-77.61
		109	9.17	39.13	-111.20	-23.93	-48.14	74.18	86.37	-111.69	-51.30	25.97	-91.18
29	33	108	5.59	19.03	-64.31	-15.68	-29.60	41.09	99.26	-64.50	-44.91	79.67	-53.14
		99	5.50	24.31	-68.50	-14.08	-30.11	45.71	67.17	-54.77	-38.38	50.78	-41.59
		100	5.52	20.44	-67.48	-14.89	-32.15	43.11	53.35	-72.43	-33.50	14.42	-58.15
		109	5.54	14.63	-64.50	-16.96	-32.91	38.76	70.65	-85.04	-38.37	23.99	-71.32
29	65	108	5.33	17.12	-60.79	-15.23	-28.44	38.39	98.33	-62.67	-43.88	79.54	-51.70
		99	5.23	22.41	-64.97	-13.61	-28.94	43.01	66.31	-52.96	-37.40	50.75	-40.17
		100	5.24	18.60	-63.93	-14.35	-30.98	40.42	52.26	-70.45	-32.58	14.40	-56.68
		109	5.27	12.78	-60.96	-16.43	-31.74	36.06	69.48	-83.02	-37.40	23.85	-69.83
30	9	109	7.96	28.79	-102.75	-21.55	-52.40	63.94	43.50	-123.14	-59.81	-19.83	-80.89
		100	8.05	35.03	-105.54	-18.64	-51.86	68.29	34.84	-109.28	-53.35	-21.09	-70.23
		101	6.41	30.78	-104.25	-19.97	-53.50	65.40	-27.76	-69.15	-42.82	-54.09	-19.91
		110	7.55	24.86	-102.74	-22.67	-55.21	61.69	20.46	-142.15	-45.27	-76.42	-79.80
30	41	109	4.97	9.31	-61.21	-15.87	-36.02	33.79	49.81	-89.97	-43.14	2.98	-65.98
		100	5.01	15.33	-64.10	-13.29	-35.48	38.13	37.29	-77.05	-37.68	-2.08	-54.33
		101	4.03	11.88	-62.53	-13.52	-37.12	35.28	-3.03	-65.12	-30.12	-38.03	-30.79
		110	4.54	6.23	-60.97	-15.91	-38.83	31.58	21.94	-110.13	-33.60	-54.58	-65.20
30	73	109	4.74	7.85	-58.06	-15.43	-34.77	31.51	50.33	-87.51	-41.88	4.69	-64.87
		100	4.78	13.85	-60.96	-12.88	-34.23	35.85	37.51	-74.65	-36.49	-0.65	-53.14
		101	3.85	10.47	-59.37	-13.03	-35.87	33.00	-1.14	-64.84	-29.15	-36.83	-31.62
		110	4.31	4.84	-57.82	-15.39	-37.58	29.30	22.06	-107.73	-32.72	-52.94	-64.10
31	1	110	6.60	25.62	-110.01	-22.28	-62.11	64.83	-36.01	-107.38	-52.72	-90.67	-30.23
		101	6.70	31.92	-111.58	-19.03	-60.63	68.67	-43.68	-89.27	-49.11	-83.84	-14.78
		102	7.06	29.21	-109.71	-18.74	-61.76	66.05	-34.11	-116.77	-34.34	-116.54	-4.36
		111	6.93	24.04	-109.50	-21.35	-64.11	63.26	-36.87	-144.10	-39.31	-141.67	-15.98
31	33	110	4.11	6.19	-65.23	-15.85	-43.18	32.99	-6.07	-92.54	-37.85	-60.77	-41.69
		101	4.11	12.05	-66.92	-13.16	-41.70	36.82	-13.10	-72.35	-33.65	-51.80	-28.20
		102	3.97	9.74	-65.09	-12.51	-42.84	34.20	-20.66	-89.42	-24.59	-85.49	-15.95
		111	4.07	5.05	-64.84	-14.60	-45.19	31.42	-22.86	-119.97	-30.13	-112.69	-25.57
31	65	110	3.92	4.75	-61.84	-15.36	-41.74	30.57	-3.69	-91.57	-36.72	-58.54	-42.57

		101	3.93	10.57	-63.54	-12.71	-40.26	34.40	-10.50	-71.36	-32.48	-49.38	-29.23
		102	3.75	8.30	-61.72	-12.04	-41.39	31.78	-19.40	-87.60	-23.85	-83.15	-16.85
		111	3.88	3.66	-61.49	-14.08	-43.74	29.00	-21.66	-118.32	-29.44	-110.53	-26.30
32	1	111	7.04	19.72	-109.33	-20.36	-69.25	59.71	-40.78	-167.03	-43.96	-163.84	-19.80
		102	7.29	26.62	-111.13	-17.44	-67.07	64.25	-39.76	-149.39	-40.67	-148.47	-9.96
		103	7.62	25.58	-106.99	-13.54	-67.87	60.46	-33.53	-170.27	-33.61	-170.19	3.28
		112	7.99	23.99	-110.11	-15.42	-70.70	61.08	-39.72	-201.53	-39.72	-201.53	-0.23
32	33	111	4.23	2.33	-65.29	-14.31	-48.65	29.13	-25.44	-130.12	-32.84	-122.72	-26.82
		102	4.22	8.55	-67.06	-12.05	-46.46	33.66	-23.68	-104.73	-27.95	-100.46	-18.10
		103	4.64	6.96	-63.71	-9.49	-47.27	29.86	-24.05	-122.71	-24.05	-122.71	-0.33
		112	5.18	5.89	-66.70	-10.71	-50.10	30.49	-31.50	-160.94	-31.55	-160.88	-2.65
32	65	111	4.04	1.08	-61.99	-13.85	-47.07	26.80	-24.17	-127.51	-32.00	-119.68	-27.36
		102	3.99	7.21	-63.74	-11.64	-44.89	31.34	-22.28	-101.54	-26.99	-96.84	-18.73
		103	4.42	5.61	-60.47	-9.18	-45.69	27.54	-23.32	-119.14	-23.33	-119.13	-0.61
		112	4.98	4.59	-63.46	-10.35	-48.52	28.17	-30.89	-157.94	-30.95	-157.88	-2.84
33	1	114	8.12	60.72	-51.66	18.11	-9.05	54.52	177.07	-119.97	-46.43	103.54	128.20
		105	7.30	57.41	-54.40	11.18	-8.16	55.06	97.54	-115.95	-53.70	35.29	97.03
		104	8.67	52.40	-65.30	-6.68	-6.22	58.85	162.78	-136.71	-64.57	90.64	128.07
		113	9.67	55.20	-64.50	-2.75	-6.56	59.82	248.51	-139.56	-61.56	170.51	155.51
33	33	114	5.44	39.63	-23.85	23.44	-7.65	27.67	177.73	-89.85	-28.87	116.75	112.25
		105	4.57	35.46	-25.63	16.59	-6.77	28.22	102.43	-82.72	-34.66	54.37	81.17
		104	6.07	31.28	-33.88	2.18	-4.78	32.39	171.53	-107.08	-45.98	110.43	115.28
		113	7.13	34.40	-33.30	6.22	-5.12	33.37	252.87	-112.97	-44.52	184.41	142.68
33	65	114	5.24	38.20	-21.91	23.84	-7.55	25.63	177.75	-87.58	-27.54	117.71	111.02
		105	4.37	33.90	-23.56	17.00	-6.66	26.18	102.79	-80.22	-33.21	55.78	79.95
		104	5.87	29.70	-31.53	2.85	-4.67	30.38	172.18	-104.84	-44.57	111.90	114.30
		113	6.94	32.87	-30.98	6.89	-5.01	31.36	253.16	-110.97	-43.23	185.42	141.69
34	1	113	9.97	62.77	-81.06	-3.22	-15.08	71.67	268.45	-107.51	-60.63	221.57	124.20
		104	9.16	60.47	-82.39	-7.06	-14.86	71.32	191.39	-102.55	-61.12	149.96	102.28
		106	8.58	59.28	-90.05	-16.92	-13.85	74.65	178.77	-85.49	-72.57	165.86	56.98
		115	8.85	57.71	-87.63	-16.00	-13.93	72.66	247.09	-85.84	-75.27	236.53	58.36
34	33	113	6.92	37.36	-41.88	5.62	-10.14	38.83	252.05	-88.24	-45.01	208.82	113.32
		104	6.05	34.82	-43.02	1.72	-9.93	38.48	176.67	-83.27	-44.85	138.24	92.26
		106	5.58	33.04	-50.49	-8.53	-8.92	41.76	164.96	-65.36	-54.61	154.21	48.60
		115	6.00	31.43	-48.13	-7.69	-9.00	39.77	232.28	-66.30	-57.98	223.96	49.15
34	65	113	6.69	35.47	-38.95	6.29	-9.77	36.34	250.82	-86.76	-43.83	207.89	112.47
		104	5.81	32.89	-40.06	2.39	-9.55	35.98	175.56	-81.80	-43.62	137.38	91.48
		106	5.36	31.05	-47.48	-7.89	-8.54	39.26	163.93	-63.83	-53.25	153.35	47.94
		115	5.79	29.43	-45.13	-7.07	-8.63	37.27	231.19	-64.83	-56.68	223.04	48.44
35	1	115	8.95	58.00	-96.86	-15.30	-23.56	77.32	242.36	-82.56	-72.03	231.83	57.53
		106	8.79	59.64	-99.57	-16.24	-23.69	79.52	180.99	-81.33	-68.67	168.33	56.22
		107	7.70	55.87	-103.93	-23.13	-24.94	79.89	148.78	-69.45	-69.03	148.36	9.52
		116	7.78	50.38	-100.04	-24.05	-25.61	75.20	197.09	-71.76	-71.74	197.07	-2.02
35	33	115	5.94	30.98	-53.17	-7.50	-14.69	41.92	228.93	-64.08	-55.55	220.40	49.25
		106	5.62	32.71	-55.80	-8.27	-14.82	44.13	164.78	-62.81	-52.01	153.99	48.37
		107	4.73	28.95	-60.08	-15.07	-16.06	44.51	134.09	-52.16	-52.14	134.07	2.22
		116	5.18	23.33	-56.28	-16.23	-16.73	39.80	186.06	-55.42	-55.02	185.67	-9.74
35	65	115	5.73	28.93	-49.85	-6.91	-14.01	39.23	227.94	-62.68	-54.32	219.57	48.60
		106	5.38	30.67	-52.48	-7.67	-14.14	41.45	163.60	-61.40	-50.76	152.96	47.76
		107	4.54	26.91	-56.75	-14.46	-15.38	41.82	133.06	-50.88	-50.87	133.05	1.64
		116	5.00	21.27	-52.96	-15.63	-16.06	37.12	185.29	-54.22	-53.77	184.85	-10.34
36	1	116	9.01	46.68	-104.35	-22.94	-34.74	75.29	194.46	-74.48	-64.19	184.18	-51.57
		107	8.72	52.22	-108.33	-21.85	-34.26	80.04	135.63	-68.76	-60.70	127.56	-39.79
		108	9.18	46.91	-110.07	-26.11	-37.05	78.30	116.63	-86.78	-54.45	84.31	-74.37
		117	9.34	39.43	-106.07	-27.63	-39.00	72.53	157.94	-95.76	-56.69	118.88	-91.57
36	33	116	5.71	21.00	-58.93	-15.70	-22.24	39.83	183.35	-55.66	-51.33	179.02	-31.88
		107	5.29	26.64	-62.84	-14.43	-21.77	44.59	126.31	-50.43	-48.05	123.94	-20.35
		108	5.64	21.78	-64.29	-17.96	-24.55	42.91	101.51	-63.50	-42.64	80.66	-54.83
		117	5.84	14.20	-60.36	-19.66	-26.50	37.12	141.38	-72.37	-44.68	113.69	-71.78
36	65	116	5.48	19.05	-55.48	-15.15	-21.29	37.14	182.63	-54.33	-50.37	178.67	-30.40
		107	5.04	24.70	-59.38	-13.87	-20.81	41.90	125.76	-49.17	-47.10	123.70	-18.89
		108	5.37	19.87	-60.81	-17.34	-23.59	40.22	100.44	-61.78	-41.76	80.42	-53.36
		117	5.58	12.29	-56.88	-19.05	-25.55	34.43	140.19	-70.64	-43.78	113.34	-70.30
37	1	117	9.25	34.45	-107.91	-26.51	-46.95	70.44	151.57	-97.48	-60.71	114.80	-88.35
		108	9.12	41.97	-111.83	-24.62	-45.24	76.21	112.71	-88.81	-57.54	81.44	-72.96
		109	9.09	36.86	-112.26	-26.99	-48.41	73.78	86.72	-106.93	-45.86	25.65	-89.98
		118	9.12	29.23	-109.36	-28.58	-51.55	68.34	106.96	-121.05	-49.15	35.06	-105.95
37	33	117	5.84	11.38	-61.92	-19.13	-31.40	36.13	137.93	-73.05	-47.22	112.10	-69.16
		108	5.64	18.90	-65.82	-17.23	-29.69	41.90	99.38	-64.38	-44.54	79.53	-53.44
		109	5.57	14.48	-65.87	-18.52	-32.86	39.53	70.83	-82.82	-35.86	23.87	-70.78
		118	5.62	6.95	-63.05	-20.11	-35.99	34.09	90.97	-97.19	-38.70	32.48	-87.09
37	65	117	5.59	9.64	-58.42	-18.57	-30.22	33.53	136.95	-71.24	-46.20	111.91	-67.71
		108	5.39	17.15	-62.32	-16.67	-28.50	39.29	98.43	-62.58	-43.56	79.41	-51.97
		109	5.31	12.79	-62.34	-17.88	-31.67	36.93	69.64	-81.00	-35.11	23.75	-69.33
		118	5.36	5.28	-59.54	-19.46	-34.81	31.49	89.78	-95.39	-37.91	32.30	-85.67
38	1	118	8.69	24.19	-110.04	-27.56	-58.29	65.33	73.41	-135.03	-55.24	-6.38	-101.32
		109	8.71	31.86	-112.82	-25.52	-55.44	70.78	56.47	-121.03	-51.77	-12.78	-86.58

		110	8.26	28.20	-112.48	-26.14	-58.15	68.50	30.84	-138.70	-38.35	-69.51	-83.32
		119	8.18	21.40	-111.17	-27.78	-61.99	64.04	32.79	-163.27	-43.51	-86.96	-95.59
38	33	118	5.43	4.24	-64.19	-19.70	-40.25	32.63	74.65	-103.34	-42.58	13.90	-84.40
		109	5.40	11.68	-66.92	-17.86	-37.39	38.07	56.02	-89.00	-39.40	6.41	-68.80
		110	4.96	8.66	-66.41	-17.65	-40.10	35.82	26.98	-108.54	-30.35	-51.21	-66.95
		119	4.91	2.23	-65.26	-19.09	-43.94	31.37	30.35	-133.13	-35.27	-67.51	-80.14
38	65	118	5.18	2.74	-60.71	-19.10	-38.87	30.15	74.76	-100.99	-41.63	15.40	-83.12
		109	5.16	10.15	-63.44	-17.27	-36.01	35.58	56.01	-86.63	-38.47	7.85	-67.45
		110	4.71	7.20	-62.92	-17.00	-38.72	33.34	26.69	-106.27	-29.74	-49.84	-65.72
		119	4.66	0.82	-61.80	-18.42	-42.56	28.89	30.16	-130.88	-34.65	-66.07	-78.97
39	1	119	7.80	16.71	-111.51	-26.91	-67.89	60.75	17.39	-173.66	-50.15	-106.11	-91.34
		110	7.88	23.67	-112.84	-24.86	-64.31	65.35	13.48	-150.68	-45.45	-91.74	-78.75
		111	6.93	22.45	-111.51	-22.81	-66.26	63.36	-33.87	-144.72	-37.28	-141.32	-19.13
		120	6.86	16.84	-111.76	-24.53	-70.38	60.07	-19.28	-204.43	-43.38	-180.33	-62.30
39	33	119	4.74	-0.27	-66.30	-18.83	-47.74	29.68	22.73	-137.83	-39.35	-75.75	-78.19
		110	4.79	6.19	-67.49	-17.15	-44.16	34.28	18.32	-113.94	-34.42	-61.21	-64.76
		111	4.12	5.04	-66.48	-15.33	-46.11	32.28	-21.14	-120.49	-29.17	-112.45	-27.09
		120	4.41	0.03	-66.97	-16.70	-50.23	29.01	-15.96	-170.97	-36.24	-150.70	-52.26
39	65	119	4.50	-1.51	-62.91	-18.21	-46.20	27.32	23.13	-135.18	-38.54	-73.51	-77.20
		110	4.56	4.89	-64.06	-16.56	-42.62	31.92	18.69	-111.21	-33.59	-58.93	-63.70
		111	3.93	3.76	-63.09	-14.76	-44.57	29.92	-20.06	-118.80	-28.56	-110.30	-27.69
		120	4.27	-1.17	-63.63	-16.10	-48.70	26.65	-15.73	-168.49	-35.70	-148.52	-51.50
40	1	120	6.97	12.01	-111.97	-23.92	-76.04	56.25	-30.88	-218.48	-49.21	-200.15	-55.70
		111	6.77	19.23	-113.19	-21.86	-72.10	61.26	-25.23	-180.20	-41.68	-163.75	-47.74
		112	7.91	20.16	-109.09	-15.34	-73.59	57.69	-39.68	-201.35	-39.69	-201.35	-0.22
		121	8.54	17.88	-112.72	-17.08	-77.76	57.82	-50.49	-259.87	-51.03	-259.33	-10.66
40	33	120	4.66	-2.79	-67.72	-16.63	-53.88	26.59	-22.42	-176.56	-39.62	-159.35	-48.53
		111	4.23	3.59	-68.60	-15.06	-49.95	31.60	-16.59	-137.76	-31.75	-122.60	-40.09
		112	5.14	3.61	-65.69	-10.64	-51.44	28.01	-31.46	-160.77	-31.52	-160.71	-2.64
		121	5.98	1.86	-69.39	-11.92	-55.60	28.15	-42.60	-219.28	-42.99	-218.89	-8.30
40	65	120	4.51	-3.83	-64.44	-16.07	-52.19	24.33	-21.80	-173.50	-38.92	-156.38	-47.99
		111	4.05	2.44	-65.24	-14.54	-48.25	29.35	-15.94	-134.62	-31.00	-119.55	-39.51
		112	4.94	2.43	-62.46	-10.28	-49.74	25.75	-30.85	-157.77	-30.91	-157.70	-2.83
		121	5.80	0.74	-66.18	-11.53	-53.91	25.89	-42.02	-216.32	-42.40	-215.95	-8.12
41	1	123	9.30	78.27	-41.12	44.87	-7.73	53.59	303.30	-112.92	-31.24	221.61	165.31
		114	7.95	70.71	-44.19	34.47	-7.95	53.39	173.36	-117.59	-45.97	101.74	125.33
		113	9.40	60.08	-55.55	10.30	-5.77	57.25	249.50	-143.24	-63.92	170.18	157.66
		122	10.99	63.90	-54.82	13.37	-4.29	58.70	378.49	-141.79	-54.23	290.93	194.65
41	33	123	6.90	54.33	-20.06	40.88	-6.62	28.63	299.48	-85.26	-14.72	228.94	148.88
		114	5.46	46.28	-22.11	31.00	-6.83	28.49	174.03	-87.66	-28.53	114.90	109.44
		113	7.09	37.77	-30.21	12.14	-4.58	32.95	253.73	-115.39	-45.70	184.05	144.45
		122	8.77	41.33	-29.64	14.80	-3.11	34.34	377.73	-116.04	-37.11	298.80	180.96
41	65	123	6.72	52.65	-18.61	40.58	-6.53	26.73	299.17	-83.17	-13.47	229.47	147.61
		114	5.27	44.53	-20.54	30.73	-6.75	26.60	174.04	-85.40	-27.21	115.85	108.22
		113	6.92	36.11	-28.31	12.29	-4.49	31.10	254.01	-113.28	-44.33	185.06	143.43
		122	8.60	39.65	-27.76	14.91	-3.02	32.49	377.65	-114.09	-35.82	299.37	179.90
42	1	122	10.96	70.77	-70.13	12.98	-12.34	69.30	396.90	-105.04	-54.73	346.59	150.74
		113	9.61	67.95	-71.26	10.47	-13.79	68.54	267.36	-110.13	-63.00	220.23	124.78
		115	8.51	56.23	-80.96	-12.07	-12.67	68.60	246.89	-85.53	-74.60	235.96	59.29
		124	9.13	51.56	-79.19	-15.45	-12.18	65.35	353.62	-76.87	-69.42	346.16	56.14
42	33	122	8.30	43.66	-37.53	14.04	-7.91	39.08	373.41	-85.98	-38.60	326.02	139.73
		113	6.82	41.09	-38.52	11.92	-9.36	38.36	250.81	-89.56	-46.17	207.42	113.51
		115	5.93	31.80	-45.96	-5.96	-8.19	38.86	232.03	-66.25	-57.68	223.46	49.83
		124	6.79	27.19	-44.10	-9.20	-7.71	35.64	331.74	-59.01	-53.28	326.00	46.98
42	65	122	8.10	41.63	-35.08	14.12	-7.57	36.79	371.67	-84.52	-37.38	324.52	138.87
		113	6.62	39.08	-36.06	12.04	-9.02	36.07	249.56	-87.98	-44.90	206.48	112.63
		115	5.74	29.95	-43.30	-5.50	-7.85	36.61	230.93	-64.79	-56.41	222.55	49.09
		124	6.63	25.34	-41.43	-8.72	-7.37	33.38	330.14	-57.66	-52.07	324.54	46.26
43	1	124	9.01	51.50	-88.67	-14.70	-22.47	69.98	339.59	-74.21	-66.34	331.72	56.52
		115	8.60	56.58	-90.92	-11.51	-22.83	73.53	241.69	-82.32	-71.52	230.89	58.15
		116	7.45	46.74	-95.39	-23.89	-24.76	71.06	196.90	-70.72	-70.70	196.88	-2.03
		125	8.01	37.06	-91.42	-26.97	-27.39	64.24	269.29	-65.95	-64.73	268.08	-20.13
43	41	124	5.98	23.57	-45.12	-8.52	-13.02	34.27	316.51	-49.20	-47.35	314.66	25.93
		115	5.14	28.67	-47.40	-5.35	-13.38	37.83	219.06	-55.14	-52.26	216.19	27.93
		116	5.22	20.09	-50.97	-15.58	-15.30	35.53	186.31	-55.50	-51.61	182.42	-30.43
		125	5.90	10.33	-47.07	-18.81	-17.93	28.70	259.12	-53.73	-45.92	251.30	-48.82
43	73	124	5.88	21.89	-42.45	-8.12	-12.43	32.10	315.95	-48.47	-46.44	313.92	27.12
		115	5.02	26.99	-44.74	-4.96	-12.79	35.65	218.78	-54.45	-51.32	215.64	29.09
		116	5.03	18.48	-48.25	-15.06	-14.71	33.37	185.50	-54.29	-50.66	181.87	-29.28
		125	5.73	8.71	-44.36	-18.31	-17.34	26.53	258.05	-52.50	-45.01	250.57	-47.64
44	1	125	9.23	33.13	-97.78	-26.50	-38.15	65.20	267.75	-72.17	-57.99	253.56	-67.98
		116	8.79	43.07	-101.70	-23.05	-35.59	72.11	194.20	-73.60	-63.23	183.83	-51.67
		117	9.05	35.04	-103.72	-28.91	-39.77	69.17	158.09	-92.29	-53.24	119.03	-90.84
		126	9.28	24.13	-99.99	-30.75	-45.11	61.64	206.00	-97.32	-48.30	156.98	-111.65
44	33	125	6.31	10.43	-54.73	-19.28	-25.01	32.45	254.71	-53.53	-45.76	246.93	-48.32
		116	5.68	20.33	-58.67	-15.89	-22.45	39.36	183.13	-55.37	-51.03	178.78	-31.88
		117	5.78	13.11	-60.17	-20.43	-26.63	36.51	141.52	-70.79	-43.13	113.87	-71.46

44	65	126	6.10	2.32	-56.47	-22.18	-31.96	28.99	187.94	-75.93	-38.19	150.19	-92.39
		125	6.11	8.71	-51.46	-18.74	-24.01	29.97	253.82	-52.19	-44.84	246.47	-46.85
		116	5.46	18.60	-55.40	-15.35	-21.45	36.88	182.41	-54.09	-50.12	178.44	-30.39
		117	5.54	11.45	-56.86	-19.78	-25.63	34.03	140.34	-69.20	-42.38	113.51	-70.00
		126	5.87	0.68	-53.17	-21.53	-30.96	26.51	186.63	-74.35	-37.43	149.71	-90.94
		126	9.31	19.37	-104.70	-30.50	-54.83	60.83	196.30	-99.07	-53.20	150.43	-106.98
45	1	117	9.11	30.30	-108.14	-28.04	-49.81	68.36	151.43	-94.04	-57.16	114.55	-87.71
		118	8.94	25.07	-109.53	-30.11	-54.35	66.20	106.86	-116.83	-44.90	34.93	-104.48
		127	8.99	15.56	-107.65	-31.19	-60.90	59.79	128.64	-130.94	-44.04	41.74	-122.50
45	33	126	6.16	-0.20	-59.52	-22.10	-37.62	28.63	182.69	-76.48	-41.46	147.67	-88.61
		117	5.85	10.39	-62.98	-20.00	-32.60	36.14	137.91	-71.50	-45.65	112.06	-68.89
		118	5.62	5.93	-64.03	-20.97	-37.13	34.03	91.00	-95.25	-36.73	32.48	-86.46
45	65	127	5.72	-2.91	-62.43	-21.67	-43.68	27.65	113.01	-109.73	-35.67	38.95	-104.93
		126	5.93	-1.67	-56.10	-21.47	-36.31	26.19	181.71	-74.81	-40.57	147.48	-87.23
		117	5.61	8.88	-59.55	-19.39	-31.28	33.69	136.95	-69.84	-44.78	111.89	-67.48
46	1	118	5.37	4.49	-60.58	-20.27	-35.82	31.59	89.83	-93.63	-36.12	32.32	-85.11
		127	5.47	-4.26	-59.05	-20.94	-42.37	25.21	111.85	-108.13	-35.04	38.76	-103.62
		127	8.65	10.97	-110.97	-30.95	-69.05	57.91	94.39	-145.95	-50.61	-0.94	-117.58
46	33	118	8.63	20.45	-112.58	-29.26	-62.86	64.36	74.42	-130.63	-50.84	-5.37	-99.97
		119	8.09	17.84	-113.59	-29.24	-66.50	63.02	33.22	-160.02	-40.51	-86.29	-93.87
		128	8.04	10.23	-113.82	-30.36	-73.22	58.20	35.35	-190.05	-45.13	-109.56	-108.00
46	65	127	5.57	-5.20	-64.99	-21.69	-48.49	26.72	96.45	-116.31	-40.14	20.28	-101.99
		118	5.49	3.41	-66.34	-20.63	-42.30	33.15	75.17	-101.27	-40.56	14.45	-83.82
		119	4.95	1.50	-67.31	-19.87	-45.94	31.84	30.58	-131.60	-33.86	-67.16	-79.36
46	1	128	4.92	-5.01	-68.01	-20.36	-52.66	27.04	33.82	-161.05	-38.28	-88.94	-94.08
		127	5.34	-6.36	-61.55	-20.99	-46.93	24.36	96.61	-114.13	-39.36	21.84	-100.83
		118	5.25	2.13	-62.83	-19.97	-40.74	30.78	75.25	-99.11	-39.78	15.92	-82.61
47	1	119	4.71	0.29	-63.82	-19.16	-44.37	29.47	30.38	-129.49	-33.36	-65.75	-78.28
		128	4.68	-6.07	-64.62	-19.59	-51.10	24.68	33.70	-158.90	-37.77	-87.43	-93.04
		128	7.73	5.78	-115.84	-30.03	-80.03	55.44	20.47	-202.07	-52.16	-129.44	-104.34
47	33	119	7.79	13.48	-115.55	-28.47	-73.61	60.44	17.98	-170.58	-47.13	-105.47	-89.66
		120	6.79	13.63	-115.34	-25.65	-76.06	59.36	-19.09	-203.10	-42.19	-180.00	-60.97
		129	7.43	7.53	-117.36	-27.38	-82.45	56.04	-28.70	-255.98	-52.69	-231.98	-69.84
47	65	128	4.78	-7.21	-70.01	-20.40	-56.81	25.58	26.51	-166.46	-42.82	-97.13	-92.59
		119	4.82	-0.80	-69.23	-19.64	-50.39	30.57	23.00	-136.33	-37.93	-75.41	-77.43
		120	4.54	-0.63	-69.48	-17.28	-52.84	29.48	-15.85	-170.31	-35.65	-150.50	-51.64
47	1	129	5.39	-5.47	-71.98	-18.22	-59.23	26.18	-24.60	-221.36	-45.80	-200.15	-61.01
		128	4.56	-8.09	-66.62	-19.67	-55.04	23.32	26.96	-163.86	-42.12	-94.78	-91.71
		119	4.59	-1.84	-65.74	-18.97	-48.62	28.30	23.38	-133.82	-37.24	-73.20	-76.51
48	1	120	4.39	-1.66	-66.05	-16.64	-51.07	27.21	-15.62	-167.89	-35.17	-148.34	-50.94
		129	5.26	-6.33	-68.64	-17.52	-57.46	23.91	-24.31	-218.83	-45.29	-197.84	-60.35
		129	7.92	2.50	-118.35	-27.14	-88.71	51.99	-40.31	-274.04	-59.37	-254.98	-63.95
48	33	120	7.28	10.03	-117.65	-25.10	-82.51	57.02	-30.59	-217.34	-48.07	-199.85	-54.40
		121	8.62	12.75	-114.01	-16.99	-84.27	53.72	-50.44	-259.67	-50.98	-259.12	-10.65
		130	9.83	9.41	-119.29	-19.80	-90.08	53.91	-67.04	-342.59	-67.55	-342.08	-11.81
48	65	129	5.69	-8.18	-73.29	-18.36	-63.11	23.64	-31.15	-228.71	-49.72	-210.14	-57.65
		120	4.84	-2.21	-71.93	-17.23	-56.91	28.67	-22.29	-175.94	-39.06	-159.17	-47.92
		121	6.03	-0.76	-69.76	-11.85	-58.67	25.34	-42.55	-219.08	-42.94	-218.69	-8.30
48	1	130	7.30	-3.15	-75.12	-13.78	-64.48	25.54	-58.27	-297.84	-58.66	-297.45	-9.69
		129	5.55	-8.86	-69.99	-17.69	-61.16	21.49	-30.48	-225.44	-49.01	-206.91	-57.18
		120	4.68	-3.08	-68.51	-16.63	-54.96	26.51	-21.67	-172.93	-38.40	-156.21	-47.43
49	1	121	5.85	-1.69	-66.49	-11.46	-56.72	23.19	-41.98	-216.13	-42.36	-215.75	-8.12
		130	7.13	-3.99	-71.87	-13.33	-62.53	23.38	-57.63	-294.61	-58.02	-294.23	-9.53
		132	11.59	102.45	-32.85	74.54	-4.93	54.76	534.14	-89.94	-12.66	456.86	205.56
49	33	123	9.17	88.55	-35.96	59.56	-6.97	52.63	288.44	-117.73	-35.62	206.33	163.12
		122	10.75	65.72	-49.15	21.00	-4.42	56.01	376.15	-144.75	-52.75	284.15	198.65
		131	13.33	68.53	-48.06	20.01	0.46	57.47	595.98	-123.85	-37.86	509.99	233.47
49	65	132	9.47	74.29	-16.56	61.58	-3.85	31.51	507.58	-68.32	5.70	433.56	192.75
		123	6.89	60.66	-18.95	47.58	-5.87	29.50	288.82	-86.47	-16.48	218.83	146.18
		122	8.74	43.17	-28.02	18.36	-3.21	33.92	378.25	-117.77	-36.31	296.79	183.77
50	1	131	11.38	45.17	-26.96	16.54	1.67	35.29	571.03	-105.93	-22.35	487.45	222.70
		132	9.32	72.24	-15.41	60.60	-3.77	29.75	505.59	-66.67	7.09	431.83	191.75
		123	6.72	58.63	-17.73	46.68	-5.79	27.74	288.81	-84.11	-15.03	219.73	144.88
50	33	122	8.60	41.48	-26.43	18.16	-3.11	32.25	378.37	-115.74	-35.07	297.70	182.62
		131	11.23	43.40	-25.36	16.28	1.76	33.61	569.15	-104.56	-21.19	485.78	221.86
		131	12.79	71.79	-61.72	18.71	-8.64	65.33	584.71	-94.15	-39.12	529.69	185.28
50	65	122	10.55	72.10	-62.91	21.22	-12.03	65.43	393.15	-104.73	-53.77	342.18	150.92
		124	8.85	46.84	-74.44	-15.37	-12.23	60.62	354.98	-78.26	-70.46	347.17	57.61
		133	9.67	38.26	-68.63	-17.92	-12.46	53.38	491.16	-62.45	-58.65	487.35	45.75
50	1	131	10.59	44.77	-33.96	14.84	-4.03	38.22	554.67	-75.79	-24.20	503.09	172.80
		122	8.17	45.72	-35.13	18.00	-7.41	38.38	369.13	-85.92	-38.28	321.49	139.31
		124	6.78	26.08	-42.89	-9.28	-7.53	34.47	333.21	-59.62	-53.52	327.11	48.57
50	33	133	8.03	15.64	-38.67	-15.24	-7.79	26.90	464.10	-45.13	-42.59	461.56	35.88
		131	10.43	42.73	-31.86	14.55	-3.68	36.16	552.43	-74.39	-23.09	501.13	171.83
		122	7.99	43.73	-33.04	17.76	-7.06	36.32	367.34	-84.48	-37.12	319.98	138.41
50	65	124	6.63	24.50	-40.49	-8.81	-7.17	32.49	331.62	-58.21	-52.24	325.65	47.86
		133	7.92	13.94	-36.41	-15.03	-7.44	24.89	462.11	-43.83	-41.39	459.67	35.11

51	1	133	9.29	31.23	-79.96	-23.21	-25.52	55.58	484.72	-56.54	-52.84	481.03	44.56
		124	8.56	45.41	-83.54	-14.44	-23.69	64.31	337.75	-76.52	-68.67	329.90	56.47
		125	8.60	30.86	-85.62	-26.01	-28.75	58.23	276.21	-69.24	-53.38	260.34	-72.31
51	33	134	9.33	13.77	-80.78	-30.10	-36.91	47.15	381.12	-26.22	-1.23	356.13	-97.75
		133	7.67	10.76	-44.11	-17.58	-15.77	27.42	460.37	-39.86	-37.04	457.55	37.50
		124	6.48	24.81	-47.65	-8.90	-13.93	36.14	322.41	-58.29	-52.12	316.24	48.06
51	65	125	6.05	10.95	-49.34	-19.41	-18.99	30.15	260.26	-52.57	-43.61	251.30	-52.19
		134	7.02	-6.18	-44.48	-23.52	-27.15	19.07	353.92	-27.41	-10.47	336.98	-78.56
		133	7.58	9.22	-41.40	-17.16	-15.02	25.29	458.59	-38.61	-35.85	455.83	36.94
52	1	124	6.34	23.25	-44.92	-8.48	-13.19	34.01	321.28	-56.92	-50.88	315.24	47.40
		125	5.88	9.44	-46.59	-18.91	-18.25	28.02	259.16	-51.38	-42.88	250.65	-50.68
		134	6.87	-7.69	-41.73	-23.02	-26.40	16.94	351.97	-27.55	-11.17	335.59	-77.12
52	33	134	9.67	8.74	-89.80	-30.76	-50.30	48.29	356.55	-59.57	-38.70	335.68	-90.82
		125	8.95	26.19	-93.94	-25.64	-42.11	59.49	267.76	-69.91	-55.91	253.76	-67.32
		126	8.79	17.07	-96.03	-29.73	-49.24	55.70	210.10	-67.85	-15.64	157.89	-108.56
52	65	135	9.19	3.39	-94.34	-30.45	-60.49	46.50	261.78	-67.94	-2.13	195.97	-131.79
		134	7.23	-8.85	-49.59	-23.74	-34.70	19.62	341.09	-41.86	-27.88	327.11	-71.82
		125	6.27	8.21	-53.82	-19.10	-26.51	30.79	254.84	-52.69	-45.01	247.17	-47.98
52	1	126	5.94	-0.08	-55.49	-21.95	-33.63	27.08	189.88	-61.72	-22.80	150.95	-90.98
		135	6.48	-12.31	-54.73	-22.16	-44.88	17.91	239.67	-61.73	-9.03	186.98	-114.48
		134	7.07	-10.17	-46.55	-23.21	-33.51	17.44	339.99	-40.57	-27.07	326.49	-70.39
52	33	125	6.08	6.85	-50.77	-18.60	-25.32	28.61	253.96	-51.45	-44.19	246.70	-46.53
		126	5.74	-1.38	-52.42	-21.35	-32.44	24.91	188.43	-61.31	-23.34	150.46	-89.67
		135	6.29	-13.36	-51.87	-21.53	-43.70	15.75	238.07	-61.29	-9.55	186.33	-113.19
52	65	135	9.51	-0.73	-103.46	-31.66	-72.53	47.13	244.80	-94.01	-35.75	186.55	-127.85
		126	9.14	12.83	-104.43	-29.77	-61.82	56.40	196.46	-94.51	-48.68	150.63	-106.00
		127	8.75	9.54	-107.49	-29.97	-67.97	55.34	129.10	-127.17	-39.88	41.82	-121.45
53	1	136	8.90	0.22	-109.06	-29.91	-78.93	48.84	149.84	-139.11	-34.33	45.05	-138.92
		135	6.69	-14.01	-60.32	-22.91	-51.42	18.25	231.12	-73.68	-26.25	183.68	-110.49
		126	6.17	-2.31	-60.36	-21.96	-40.71	27.47	183.01	-74.38	-39.37	147.99	-88.24
53	33	127	5.69	-4.64	-63.45	-21.23	-46.86	26.46	113.40	-108.00	-33.68	39.08	-104.55
		136	5.90	-11.56	-66.47	-20.21	-57.82	20.01	134.36	-120.27	-27.93	42.02	-122.42
		135	6.49	-14.86	-57.19	-22.24	-49.81	16.06	230.12	-72.18	-25.53	183.48	-109.20
53	65	126	5.95	-3.45	-57.02	-21.36	-39.11	25.27	182.04	-72.90	-38.67	147.81	-86.91
		127	5.46	-5.68	-60.14	-20.56	-45.25	24.27	112.24	-106.56	-33.22	38.90	-103.29
		136	5.68	-12.25	-63.43	-19.48	-56.21	17.82	133.21	-118.87	-27.46	41.81	-121.19
54	1	136	8.71	-3.02	-116.53	-30.73	-88.82	48.76	114.96	-156.63	-41.62	-0.05	-134.19
		127	8.61	6.28	-114.61	-30.03	-78.30	55.42	95.66	-142.23	-46.43	-0.13	-116.67
		128	7.92	5.51	-117.70	-29.76	-82.44	55.69	36.17	-188.28	-42.83	-109.28	-107.19
54	33	137	7.91	-1.25	-121.22	-30.21	-92.26	51.34	36.36	-222.19	-46.90	-138.93	-120.81
		136	5.83	-13.01	-71.15	-20.85	-63.30	19.86	117.66	-127.92	-33.15	22.89	-119.55
		127	5.64	-6.29	-67.87	-21.38	-52.78	26.48	97.16	-114.58	-38.18	20.75	-101.68
54	65	128	4.94	-6.05	-71.03	-20.15	-56.93	26.78	34.26	-160.30	-37.20	-88.85	-93.79
		137	4.96	-10.39	-75.71	-19.36	-66.74	22.48	35.50	-192.83	-40.97	-116.35	-107.76
		136	5.62	-13.57	-67.89	-20.10	-61.36	17.67	117.87	-125.82	-32.52	24.57	-118.46
55	1	127	5.42	-7.20	-64.36	-20.72	-50.84	24.29	97.29	-112.56	-37.56	22.28	-100.57
		128	4.72	-6.85	-67.55	-19.42	-54.99	24.59	34.11	-158.24	-36.78	-87.35	-92.79
		137	4.74	-10.89	-72.44	-18.53	-64.80	20.29	35.43	-190.67	-40.54	-114.71	-106.79
55	49	137	7.73	-4.63	-125.98	-30.48	-100.13	49.69	21.26	-238.11	-55.22	-161.63	-118.27
		128	7.75	2.18	-122.38	-29.59	-90.61	54.30	21.26	-200.57	-50.06	-129.24	-103.61
		129	7.85	3.22	-123.85	-27.66	-92.97	54.50	-28.50	-255.63	-52.16	-231.97	-69.39
55	81	138	8.92	-2.37	-128.70	-29.50	-101.57	51.88	-41.14	-322.05	-65.68	-297.51	-79.32
		137	4.99	-11.59	-73.69	-17.98	-67.30	18.87	24.00	-212.53	-49.73	-138.80	-109.56
		128	4.63	-7.48	-68.71	-18.42	-57.77	23.46	23.43	-175.18	-44.37	-107.38	-94.17
55	1	129	5.57	-6.29	-70.53	-16.68	-60.13	23.66	-26.76	-231.42	-47.81	-210.37	-62.17
		138	6.85	-9.70	-76.24	-17.21	-68.73	21.06	-38.75	-297.32	-61.22	-274.85	-72.84
		137	4.90	-11.95	-70.80	-17.31	-65.44	16.94	24.85	-208.69	-48.80	-135.04	-108.52
56	33	128	4.43	-8.16	-65.62	-17.86	-55.91	21.52	24.12	-171.84	-43.55	-104.17	-93.18
		129	5.43	-6.93	-67.46	-16.12	-58.27	21.72	-26.28	-228.05	-47.13	-207.20	-61.42
		138	6.72	-10.08	-73.31	-16.53	-66.87	19.13	-38.16	-293.41	-60.43	-271.13	-72.04
56	65	138	9.54	-7.04	-130.81	-29.55	-108.30	47.74	-53.56	-345.81	-73.71	-325.66	-74.05
		129	8.43	-0.29	-127.11	-27.52	-99.87	52.08	-40.14	-273.78	-58.92	-255.00	-63.52
		130	10.15	3.41	-124.38	-19.70	-101.27	49.19	-66.97	-342.31	-67.48	-341.81	-11.77
56	1	139	11.81	-0.56	-131.85	-23.86	-108.55	50.16	-88.55	-449.96	-89.08	-449.43	-13.83
		138	7.19	-12.25	-83.68	-19.11	-76.82	21.05	-42.98	-293.96	-62.97	-273.96	-67.97
		129	5.96	-7.93	-79.04	-18.58	-68.39	25.37	-31.05	-228.63	-49.48	-210.20	-57.46
56	33	130	7.49	-5.83	-77.67	-13.72	-69.79	22.46	-58.20	-297.57	-58.59	-297.18	-9.65
		139	9.15	-8.41	-85.07	-16.42	-77.07	23.44	-78.38	-398.32	-78.81	-397.89	-11.75
		138	7.04	-12.48	-80.26	-18.31	-74.43	19.02	-42.21	-290.22	-62.20	-270.23	-67.52
56	65	129	5.79	-8.43	-75.46	-17.89	-66.00	23.34	-30.39	-225.38	-48.80	-206.97	-57.01
		130	7.30	-6.42	-74.24	-13.26	-67.39	20.43	-57.57	-294.34	-57.95	-293.96	-9.49
		139	8.97	-8.88	-81.64	-15.85	-74.67	21.41	-77.65	-394.60	-78.07	-394.17	-11.59
57	1	141	16.70	136.30	-25.47	109.86	0.97	59.82	906.44	-60.55	45.48	800.41	302.14
		132	11.37	112.00	-26.76	86.91	-1.67	53.40	504.04	-62.20	23.74	418.11	203.16
		131	13.48	67.92	-44.98	24.98	-2.05	54.81	625.00	-135.31	-46.96	536.65	243.66
57	33	140	16.81	62.71	-41.56	8.67	12.49	52.10	839.71	-132.01	-44.36	752.06	278.37
		141	14.59	102.89	-12.61	88.34	1.94	38.33	859.31	-51.54	45.17	762.60	280.60

		132	9.20	79.93	-13.46	67.14	-0.68	32.10	471.70	-53.17	24.61	393.92	186.48
		131	11.73	45.84	-27.25	19.46	-0.87	35.10	601.31	-112.22	-25.32	514.40	233.37
		140	15.06	40.41	-25.15	1.62	13.64	32.22	800.82	-107.73	-23.82	716.91	263.05
57	65	141	14.43	100.40	-11.67	86.71	2.02	36.70	855.75	-50.82	45.16	759.77	278.93
		132	9.04	77.55	-12.50	65.66	-0.60	30.49	469.27	-52.45	24.69	392.13	185.19
		131	11.60	44.17	-25.91	19.04	-0.78	33.61	599.54	-110.46	-23.68	512.76	232.56
		140	14.93	38.77	-23.95	1.09	13.73	30.72	797.89	-105.88	-22.27	714.29	261.86
58	1	140	15.74	49.96	-51.31	5.66	-7.02	50.23	880.04	-80.12	-27.36	827.28	218.80
		131	12.17	71.90	-54.20	24.39	-6.69	61.10	557.05	-108.73	-57.73	506.06	177.06
		133	9.45	29.95	-62.65	-18.50	-14.20	46.25	503.63	-57.01	-51.96	498.57	52.98
		142	10.89	0.12	-54.87	-30.29	-24.45	27.34	668.70	-7.59	-7.59	668.70	-1.08
58	33	140	14.24	25.88	-28.79	-1.43	-1.48	27.34	844.11	-58.85	-7.76	793.02	208.62
		131	10.31	48.00	-30.98	18.16	-1.14	38.29	528.04	-85.10	-36.97	479.91	164.91
		133	8.11	12.15	-36.97	-16.25	-8.57	24.26	476.75	-40.08	-36.32	472.99	43.92
		142	9.92	-16.54	-31.00	-28.71	-18.83	5.29	634.76	-11.71	-11.56	634.61	-9.89
58	65	140	14.13	24.10	-27.12	-1.97	-1.06	25.60	841.42	-57.23	-6.28	790.47	207.82
		131	10.18	46.19	-29.22	17.70	-0.72	36.56	525.88	-83.30	-35.40	477.99	163.96
		133	8.03	10.83	-35.05	-16.07	-8.15	22.59	474.77	-38.81	-35.15	471.11	43.20
		142	9.85	-17.25	-29.74	-28.58	-18.41	3.61	632.25	-12.03	-11.85	632.07	-10.58
59	1	142	11.63	-13.52	-65.27	-34.33	-44.46	25.37	658.93	21.16	23.50	656.60	-38.53
		133	9.20	22.67	-72.09	-21.17	-28.26	47.25	457.02	-48.04	-47.84	456.82	-10.01
		134	8.92	2.34	-72.49	-28.74	-41.40	36.87	384.19	-25.86	-2.43	360.76	-95.17
		143	10.67	-16.53	-75.40	-27.33	-64.59	22.79	485.37	-13.44	25.81	446.12	-134.31
59	33	142	10.33	-27.67	-34.19	-30.03	-31.83	3.13	631.24	13.86	14.42	630.68	-18.60
		133	7.55	8.82	-41.22	-16.78	-15.62	25.02	444.98	-37.23	-36.98	444.73	10.98
		134	6.93	-11.34	-41.15	-23.72	-28.76	14.69	357.41	-25.93	-9.90	341.38	-76.74
		143	8.83	-21.91	-51.97	-21.93	-51.95	0.64	450.51	-12.22	18.78	419.51	-115.69
59	65	142	10.25	-28.73	-31.84	-29.70	-30.87	1.45	629.24	13.26	13.73	628.77	-17.10
		133	7.45	7.79	-38.90	-16.44	-14.66	23.33	444.17	-36.50	-36.17	443.85	12.56
		134	6.79	-12.37	-38.77	-23.34	-27.80	13.01	355.49	-25.98	-10.46	339.97	-75.36
		143	8.71	-21.48	-51.03	-21.52	-50.99	-1.04	447.95	-12.15	18.26	417.54	-114.30
60	1	143	10.80	-21.09	-90.39	-30.92	-80.56	24.18	450.59	-7.71	25.76	417.11	-119.25
		134	9.30	-2.43	-85.09	-28.86	-58.66	38.55	358.55	-27.11	-5.86	337.30	-87.99
		135	8.86	-5.01	-90.57	-26.01	-69.57	36.82	261.91	-69.32	-4.68	197.27	-131.27
		144	9.73	-12.24	-100.14	-23.43	-88.95	29.30	306.36	-64.22	16.30	225.84	-152.83
60	33	143	8.91	-24.06	-60.05	-24.12	-59.99	1.50	432.57	-6.42	18.98	407.16	-102.51
		134	7.16	-13.19	-48.12	-23.22	-38.09	15.80	342.62	-26.84	-12.69	328.47	-70.91
		135	6.44	-14.57	-54.76	-20.32	-49.00	14.07	240.34	-62.00	-9.72	188.06	-114.34
		144	7.45	-15.76	-69.22	-16.60	-68.38	6.63	283.61	-56.84	11.28	215.48	-136.21
60	65	143	8.78	-23.60	-58.43	-23.60	-58.43	-0.22	431.27	-6.37	18.47	406.43	-101.26
		134	7.01	-13.99	-45.33	-22.79	-36.53	14.08	341.50	-26.87	-13.20	327.83	-69.63
		135	6.27	-15.16	-52.17	-19.88	-47.44	12.35	238.77	-61.47	-10.09	187.39	-113.07
		144	7.29	-15.61	-67.29	-16.08	-66.82	4.91	281.93	-56.30	10.91	214.71	-134.97
61	1	144	10.28	-15.42	-114.92	-26.67	-103.68	31.51	289.66	-82.35	-8.96	216.27	-148.04
		135	9.45	-7.52	-105.13	-27.60	-85.05	39.45	245.92	-88.09	-29.40	187.23	-127.12
		136	8.70	-4.57	-111.28	-24.26	-91.59	41.39	150.65	-135.31	-29.93	45.26	-137.95
		145	9.08	-8.67	-120.48	-22.75	-106.40	37.10	165.98	-143.29	-20.38	43.07	-151.34
61	33	144	7.75	-17.63	-76.82	-18.60	-75.84	7.55	275.53	-64.67	-2.37	213.23	-131.57
		135	6.77	-15.47	-62.91	-21.16	-57.22	15.41	232.10	-70.78	-23.03	184.35	-110.38
		136	5.90	-11.82	-69.56	-17.62	-63.76	17.36	134.95	-118.50	-25.74	42.19	-122.09
		145	6.35	-11.90	-81.16	-14.49	-78.57	13.15	150.51	-126.66	-15.95	39.80	-135.75
61	65	144	7.56	-17.41	-74.31	-17.99	-73.73	5.73	274.49	-63.36	-1.88	213.02	-130.35
		135	6.57	-15.96	-59.82	-20.67	-55.10	13.59	231.10	-69.51	-22.56	184.15	-109.13
		136	5.69	-12.23	-66.53	-17.11	-61.64	15.53	133.79	-117.25	-25.43	41.97	-120.91
		145	6.14	-11.87	-78.44	-13.86	-76.45	11.33	149.36	-125.42	-15.62	39.57	-134.59
62	1	145	9.10	-10.67	-133.66	-25.11	-119.23	39.58	130.60	-164.11	-28.21	-5.30	-146.91
		136	8.81	-5.77	-124.55	-25.56	-104.76	44.27	116.38	-153.05	-37.33	0.67	-133.37
		137	7.82	-4.55	-129.34	-25.79	-108.11	46.89	36.93	-221.37	-45.54	-138.90	-120.42
		146	7.87	-8.46	-137.46	-26.02	-119.91	44.23	34.06	-254.57	-47.66	-172.86	-130.03
62	49	145	6.14	-12.63	-84.09	-14.74	-81.97	12.11	129.95	-146.80	-24.82	7.98	-137.40
		136	5.76	-12.22	-72.56	-17.27	-67.51	16.72	114.88	-135.67	-33.85	13.06	-123.06
		137	5.03	-9.75	-77.02	-15.91	-70.86	19.41	33.73	-203.57	-43.27	-126.57	-111.09
		146	6.19	-10.14	-86.55	-14.04	-82.65	16.82	31.85	-236.69	-45.26	-159.58	-121.50
62	81	145	5.96	-12.55	-81.27	-14.14	-79.68	10.33	130.52	-143.75	-24.06	10.83	-136.02
		136	5.56	-12.60	-69.45	-16.83	-65.21	14.93	115.32	-132.90	-33.16	15.58	-121.70
		137	4.93	-10.07	-73.86	-15.38	-68.56	17.62	33.80	-200.54	-42.66	-124.08	-109.87
		146	6.10	-10.13	-83.58	-13.35	-80.35	15.04	32.02	-233.36	-44.59	-156.75	-120.26
63	17	146	8.69	-9.53	-136.73	-24.15	-122.11	40.56	10.48	-308.43	-66.12	-231.83	-136.23
		137	7.57	-5.49	-128.63	-23.59	-110.53	43.61	14.01	-266.21	-61.80	-190.40	-124.48
		138	9.68	-5.91	-131.23	-25.36	-111.79	45.37	-47.12	-352.12	-72.94	-326.30	-84.90
		147	11.14	-10.16	-139.23	-27.69	-121.70	44.21	-62.76	-431.46	-88.93	-405.29	-94.68
63	49	146	6.58	-11.17	-91.00	-14.67	-87.50	16.34	22.84	-248.34	-52.48	-173.02	-121.46
		137	5.41	-10.69	-81.65	-16.42	-75.92	19.34	24.46	-213.20	-49.66	-139.08	-110.10
		138	7.27	-10.13	-83.84	-16.79	-77.18	21.13	-38.96	-298.25	-61.87	-275.34	-73.59
		147	8.75	-11.48	-92.39	-16.78	-87.09	20.03	-52.91	-370.29	-76.36	-346.84	-83.02
63	81	146	6.45	-11.10	-87.79	-13.96	-84.93	14.54	23.79	-243.98	-51.47	-168.71	-120.37
		137	5.27	-10.96	-78.27	-15.89	-73.34	17.53	25.27	-209.36	-48.76	-135.33	-109.04

		138	7.10	-10.34	-80.41	-16.15	-74.60	19.32	-38.36	-294.30	-61.06	-271.61	-72.76
		147	8.58	-11.43	-89.06	-15.97	-84.52	18.23	-52.19	-365.80	-75.44	-342.55	-82.16
64	17	147	12.03	-14.04	-142.26	-28.00	-128.30	39.93	-79.35	-471.78	-101.05	-450.08	-89.69
		138	10.44	-8.84	-135.26	-25.51	-118.59	42.77	-61.57	-380.53	-82.18	-359.92	-78.41
		139	12.50	-7.42	-133.46	-22.10	-118.79	40.43	-94.96	-482.62	-95.53	-482.04	-14.97
		148	14.74	-12.02	-142.88	-28.14	-126.76	43.00	-124.09	-627.42	-124.84	-626.67	-19.47
64	49	147	9.21	-13.32	-94.88	-17.17	-91.04	17.29	-61.82	-388.33	-83.21	-366.94	-80.77
		138	7.67	-11.35	-87.11	-17.13	-81.33	20.11	-46.94	-310.72	-67.11	-290.54	-70.10
		139	9.51	-11.02	-85.99	-15.49	-81.52	17.75	-81.33	-413.47	-81.78	-413.02	-12.21
		148	11.64	-13.64	-94.95	-19.10	-89.50	20.35	-107.75	-544.50	-108.35	-543.90	-16.20
64	81	147	9.01	-13.12	-91.50	-16.36	-88.26	15.60	-60.53	-382.24	-81.90	-360.87	-80.12
		138	7.47	-11.45	-83.61	-16.51	-78.55	18.42	-45.86	-305.63	-66.01	-285.48	-69.49
		139	9.30	-11.18	-82.57	-15.00	-78.75	16.07	-80.34	-408.42	-80.78	-407.98	-12.01
		148	11.42	-13.66	-91.49	-18.43	-86.72	18.66	-106.55	-538.44	-107.14	-537.85	-15.96
65	1	150	33.01	172.93	-43.86	151.37	-22.29	64.89	1898.94	-193.34	-18.57	1724.18	578.89
		141	12.08	150.50	5.28	121.20	34.58	58.28	465.88	-119.99	-50.11	396.00	189.89
		140	20.03	44.44	-47.50	8.20	-11.26	44.93	1143.35	-111.18	37.61	994.56	405.60
		149	18.62	38.78	-63.86	-60.13	35.05	19.21	935.68	-94.73	-89.60	930.55	72.55
65	61	150	31.10	127.63	-32.70	115.33	-20.40	42.67	1858.16	-123.88	48.09	1686.19	557.94
		141	9.49	107.19	17.74	88.41	36.51	36.43	411.62	-44.52	14.62	352.47	153.24
		140	17.85	23.17	-30.10	2.07	-9.00	26.05	1075.26	-93.38	32.18	949.71	361.89
		149	18.71	37.27	-68.93	-68.93	37.27	0.03	912.25	-124.08	-114.40	902.57	99.68
65	93	150	31.04	125.40	-32.15	113.59	-20.34	41.49	1856.79	-122.86	49.93	1684.00	558.76
		141	9.40	105.02	18.41	86.85	36.58	35.27	410.51	-43.54	16.45	350.53	153.75
		140	17.78	22.07	-29.15	1.84	-8.91	25.04	1073.86	-93.34	32.80	947.72	362.39
		149	18.69	37.37	-69.32	-69.31	37.36	-1.00	910.43	-124.00	-114.02	900.44	101.14
66	5	149	23.40	-26.32	-81.81	-56.67	-51.46	-27.62	1450.22	65.05	101.98	1413.30	223.12
		140	15.09	59.95	-43.10	7.04	9.81	51.51	778.30	-107.32	-66.28	737.25	186.18
		142	11.17	-28.38	-44.39	-42.88	-29.89	4.68	717.80	43.55	44.78	716.57	-28.84
		151	17.80	-11.65	-105.43	-13.63	-103.45	-13.49	884.41	2.91	21.72	865.59	-127.41
66	37	149	22.40	-8.44	-96.27	-61.98	-42.74	-42.85	1381.49	64.73	99.11	1347.11	209.96
		140	14.15	47.50	-26.98	1.99	18.53	36.31	737.93	-104.63	-68.07	701.37	171.66
		142	10.34	-17.07	-45.20	-41.16	-21.11	-9.87	688.00	35.73	35.83	687.89	-8.31
		151	16.37	-3.54	-103.31	-12.18	-94.67	-28.06	822.72	-3.03	17.95	801.74	-129.93
66	69	149	22.33	-7.07	-97.38	-62.37	-42.08	-44.00	1376.30	64.75	98.92	1342.12	208.93
		140	14.09	46.64	-25.84	1.61	19.20	35.15	734.91	-104.39	-68.18	698.70	170.53
		142	10.29	-15.69	-45.78	-41.03	-20.44	-10.97	685.84	35.09	35.16	685.77	-6.77
		151	16.26	-2.75	-103.32	-12.07	-94.00	-29.16	818.09	-3.48	17.68	796.93	-130.14
67	1	151	16.93	-28.09	-119.30	-30.29	-117.10	-14.00	815.75	39.77	51.88	803.65	-96.16
		142	11.90	-29.51	-56.64	-32.86	-53.29	8.93	660.59	6.24	9.84	656.99	-48.36
		143	10.69	-21.94	-78.42	-22.81	-77.56	6.94	488.76	-3.25	35.60	449.92	-132.68
		152	13.64	-11.61	-117.50	-11.90	-117.21	5.51	556.92	-2.84	51.17	502.90	-165.28
67	33	151	15.70	-16.20	-107.36	-25.53	-98.02	-27.64	792.97	52.54	60.76	784.76	-77.54
		142	10.51	-26.57	-37.28	-29.63	-34.22	-4.84	632.35	0.60	2.03	630.92	-29.96
		143	8.94	-19.30	-59.71	-20.51	-58.49	-6.90	453.48	-0.60	29.90	422.98	-113.68
		152	11.93	-7.51	-98.88	-8.25	-98.14	-8.22	520.03	-0.18	45.21	474.63	-146.81
67	65	151	15.61	-15.08	-106.66	-25.18	-96.57	-28.68	791.29	53.47	61.42	783.35	-76.15
		142	10.41	-24.96	-37.20	-29.39	-32.77	-5.88	630.30	0.14	1.44	629.00	-28.59
		143	8.82	-18.69	-58.70	-20.34	-57.05	-7.95	450.88	-0.42	29.49	420.98	-112.25
		152	11.81	-7.02	-97.64	-7.98	-96.69	-9.26	517.31	7.69e-03	44.77	472.55	-145.43
68	1	152	13.84	-17.81	-134.36	-18.19	-133.98	6.67	524.88	2.84	51.61	476.11	-151.92
		143	11.12	-23.78	-96.77	-25.18	-95.36	10.04	454.62	-12.26	22.89	419.46	-123.19
		144	9.77	-12.18	-106.81	-15.06	-103.93	16.26	307.90	-64.82	17.13	225.95	-154.36
		153	11.17	-7.88	-129.07	-10.52	-126.42	17.72	334.96	-61.73	31.44	241.79	-168.17
68	33	152	11.98	-11.91	-106.50	-12.63	-105.79	-8.17	504.63	7.67	47.22	465.08	-134.51
		143	9.20	-20.87	-67.71	-21.39	-67.18	-4.92	436.12	-8.43	18.42	409.27	-105.89
		144	7.59	-12.60	-75.78	-12.62	-75.76	1.21	285.02	-56.44	13.13	215.45	-137.54
		153	9.05	-6.26	-98.33	-6.34	-98.24	2.77	311.05	-53.18	27.46	230.42	-151.22
68	65	152	11.85	-11.27	-104.59	-12.20	-103.66	-9.30	503.16	8.01	46.90	464.26	-133.21
		143	9.06	-20.29	-65.87	-21.11	-65.05	-6.06	434.78	-8.17	18.09	408.52	-104.60
		144	7.43	-12.43	-73.62	-12.43	-73.62	0.07	283.34	-55.82	12.84	214.68	-136.29
		153	8.89	-5.99	-96.13	-6.02	-96.10	1.64	309.29	-52.55	27.17	229.58	-149.96
69	1	153	11.89	-11.88	-147.27	-15.03	-144.12	20.40	320.29	-73.52	14.15	232.62	-163.83
		144	10.51	-15.08	-125.12	-18.76	-121.44	19.78	292.72	-77.15	-1.10	216.67	-149.48
		145	9.04	-7.05	-129.56	-12.76	-123.85	25.82	172.05	-136.58	-7.59	43.06	-152.22
		154	9.60	-5.81	-143.43	-11.17	-138.07	26.63	179.14	-139.74	4.72	34.69	-158.74
69	33	153	9.42	-8.89	-107.36	-9.01	-107.24	3.46	305.04	-57.82	17.70	229.52	-147.31
		144	7.98	-14.67	-84.67	-14.77	-84.56	2.74	277.77	-62.07	2.11	213.59	-133.01
		145	6.44	-8.72	-87.95	-9.70	-86.98	8.73	153.99	-124.10	-9.83	39.71	-136.82
		154	7.04	-5.16	-102.15	-6.13	-101.19	9.64	160.96	-127.10	2.56	31.30	-143.31
69	65	153	9.24	-8.50	-104.49	-8.55	-104.44	2.17	303.93	-56.66	17.96	229.30	-146.09
		144	7.80	-14.44	-81.80	-14.47	-81.77	1.44	276.68	-60.97	2.35	213.37	-131.79
		145	6.24	-8.73	-84.91	-9.46	-84.18	7.43	152.66	-123.18	-9.99	39.47	-135.68
		154	6.85	-5.00	-99.13	-5.74	-98.39	8.35	159.62	-126.16	2.40	31.06	-142.17
70	17	154	9.41	-8.35	-155.21	-13.96	-149.59	28.16	134.34	-199.47	-17.05	-48.08	-166.18
		145	8.99	-8.24	-141.42	-14.33	-135.33	27.82	129.81	-187.62	-27.99	-29.82	-158.71
		146	9.17	-4.37	-143.85	-12.48	-135.74	32.65	35.32	-281.85	-49.42	-197.11	-140.34

		155	10.34	-5.83	-153.54	-13.30	-146.07	32.37	33.64	-313.12	-41.04	-238.43	-142.55
70	49	154	6.95	-6.74	-107.90	-7.66	-106.98	9.60	139.94	-153.17	-9.28	-3.95	-146.53
		145	6.42	-9.72	-93.74	-10.74	-92.73	9.17	133.55	-146.53	-21.38	8.40	-139.24
		146	6.86	-6.65	-95.40	-8.92	-93.13	14.00	34.72	-237.40	-43.49	-159.19	-123.15
		155	7.97	-5.10	-105.40	-7.04	-103.46	13.81	34.50	-263.04	-33.93	-194.61	-125.21
70	81	154	6.77	-6.50	-104.51	-7.19	-103.82	8.22	140.43	-149.84	-8.71	-0.71	-145.08
		145	6.22	-9.71	-90.32	-10.47	-89.56	7.78	133.89	-143.58	-20.90	11.21	-137.81
		146	6.70	-6.74	-91.87	-8.65	-89.96	12.61	34.68	-234.14	-43.06	-156.41	-121.88
		155	7.80	-4.95	-101.91	-6.58	-100.29	12.43	34.56	-259.36	-33.41	-191.39	-123.93
71	17	155	11.48	-7.72	-170.40	-16.52	-161.60	36.80	15.30	-341.81	-52.17	-274.34	-139.79
		146	10.33	-4.26	-161.17	-13.98	-151.45	37.82	15.35	-308.33	-61.83	-231.14	-137.94
		147	12.59	-10.57	-162.32	-22.49	-150.39	40.83	-62.28	-433.25	-90.02	-405.50	-97.59
		156	14.16	-14.85	-171.86	-26.62	-160.10	41.34	-71.31	-506.88	-93.29	-484.90	-95.34
71	49	155	8.46	-6.32	-113.85	-8.52	-111.64	15.25	26.73	-274.66	-40.06	-207.88	-125.17
		146	7.34	-7.12	-104.27	-9.89	-101.49	16.18	24.81	-249.10	-51.36	-172.92	-122.73
		147	9.44	-10.25	-104.56	-14.37	-100.44	19.28	-53.21	-372.07	-78.11	-347.16	-85.56
		156	10.96	-10.54	-114.10	-14.51	-110.14	19.87	-60.03	-437.99	-79.71	-418.31	-83.96
71	81	155	8.25	-6.10	-109.75	-7.93	-107.93	13.64	27.61	-269.78	-39.17	-203.01	-124.09
		146	7.14	-7.25	-100.12	-9.59	-97.78	14.57	25.55	-244.80	-50.60	-168.66	-121.61
		147	9.22	-10.16	-100.33	-13.77	-96.72	17.68	-52.54	-367.58	-77.24	-342.89	-84.68
		156	10.73	-10.14	-109.89	-13.60	-106.42	18.28	-59.21	-432.94	-78.71	-413.43	-83.12
72	17	156	15.15	-16.17	-176.71	-26.44	-166.44	39.29	-87.57	-557.52	-107.95	-537.14	-95.72
		147	13.59	-11.78	-169.10	-23.08	-157.80	40.62	-79.75	-475.83	-102.45	-453.13	-92.07
		148	16.05	-17.18	-166.46	-28.10	-155.54	38.87	-124.28	-627.54	-125.06	-626.75	-19.83
		157	18.75	-22.77	-177.55	-36.45	-163.87	43.93	-158.31	-802.43	-159.18	-801.56	-23.64
72	49	156	11.41	-11.27	-116.92	-14.45	-113.74	18.06	-67.72	-458.81	-87.66	-438.86	-86.03
		147	9.96	-10.95	-109.07	-14.93	-105.09	19.36	-62.93	-392.42	-85.24	-370.11	-82.79
		148	12.27	-15.54	-106.39	-19.09	-102.83	17.61	-107.94	-544.61	-108.57	-543.98	-16.56
		157	14.82	-18.05	-116.70	-23.59	-111.17	22.70	-138.93	-704.25	-139.64	-703.54	-20.06
72	81	156	11.14	-10.82	-112.56	-13.56	-109.82	16.48	-66.25	-451.59	-86.17	-431.67	-85.32
		147	9.70	-10.83	-104.67	-14.33	-101.17	17.78	-61.69	-386.34	-83.99	-364.04	-82.10
		148	11.99	-15.34	-101.99	-18.42	-98.91	16.03	-106.75	-538.55	-107.37	-537.94	-16.32
		157	14.53	-17.65	-112.23	-22.63	-107.25	21.12	-137.51	-697.07	-138.21	-696.37	-19.80
73	16	38	166.03	-14.36	-876.42	-108.22	-782.56	-268.51	8210.50	79.42	956.16	7333.76	2521.94
		150	60.71	514.95	56.19	77.24	493.90	95.98	-422.40	-2611.44	-621.04	-2412.80	-628.79
		149	54.20	54.70	-291.32	-161.75	-74.87	-167.47	2948.54	152.61	552.37	2548.78	978.72
		158	31.29	-12.11	-266.07	-12.20	-265.98	-4.93	866.82	-1138.83	-445.32	173.31	-953.93
73	48	38	170.21	3.64	-875.20	-78.47	-793.10	-255.77	8485.83	120.92	1032.89	7573.86	2607.08
		150	59.02	512.43	77.27	106.35	483.36	108.65	-401.60	-2515.28	-569.52	-2347.37	-571.60
		149	53.92	38.81	-286.26	-161.67	-85.77	-158.04	2959.76	151.03	529.05	2581.73	958.57
		158	33.87	-11.08	-276.95	-11.16	-276.87	4.60	998.80	-1046.20	-429.74	382.33	-938.43
73	80	38	170.52	5.01	-875.16	-76.26	-793.89	-254.82	8506.75	124.12	1038.79	7592.07	2613.57
		150	58.89	512.32	78.76	108.50	482.57	109.60	-399.91	-2508.09	-565.55	-2342.45	-567.25
		149	53.90	37.62	-285.88	-161.66	-86.59	-157.34	2960.61	150.84	527.27	2584.18	957.07
		158	34.07	-10.98	-277.79	-11.09	-277.68	5.32	1009.13	-1039.53	-428.58	398.18	-937.22
74	1	158	43.20	-3.61	-342.82	-3.65	-342.77	-3.96	1758.58	18.28	25.75	1751.11	-113.81
		149	24.82	11.53	-140.99	-41.57	-87.90	-72.66	1327.97	-84.75	-84.62	1327.84	13.67
		151	19.23	-4.12	-150.90	-10.28	-144.73	-29.44	890.71	146.40	154.29	882.83	-76.19
		159	23.27	1.31	-190.85	-0.70	-188.84	19.55	919.02	8.92	29.59	898.34	-135.61
74	33	158	41.38	2.20	-320.64	1.97	-320.41	-8.64	1714.80	45.14	49.93	1710.02	-89.28
		149	23.20	25.40	-132.19	-41.19	-65.59	-77.84	1274.64	-68.43	-67.37	1273.58	37.73
		151	17.18	-2.55	-132.61	-12.71	-122.45	-34.90	827.83	138.94	148.18	818.59	-79.24
		159	21.35	0.53	-167.76	-0.70	-166.53	14.32	868.54	7.32	23.59	852.27	-117.27
74	73	158	41.20	3.15	-316.84	2.87	-316.56	-9.34	1715.91	48.20	53.02	1711.09	-89.54
		149	23.08	27.85	-130.75	-41.15	-61.75	-78.63	1275.43	-67.27	-65.93	1274.09	42.44
		151	16.95	-2.16	-129.57	-13.12	-118.61	-35.72	827.31	138.72	149.11	816.92	-83.95
		159	21.16	0.42	-163.82	-0.71	-162.69	13.53	869.44	7.77	23.75	853.47	-116.22
75	1	159	24.18	-2.70	-214.77	-3.85	-213.61	15.63	906.12	-1.56	25.94	878.62	-155.58
		151	19.25	-8.69	-154.41	-15.52	-147.59	-30.79	860.04	50.46	64.97	845.54	-107.39
		152	14.50	-2.49	-139.87	-2.85	-139.52	-6.96	562.98	-5.75	63.40	493.84	-185.86
		160	16.24	-0.27	-162.15	-2.03	-160.39	16.80	548.74	-8.34	28.91	511.49	-139.14
75	33	159	22.35	-0.05	-185.06	-0.63	-184.49	10.32	878.84	-0.46	21.69	856.69	-137.78
		151	17.44	-3.22	-129.90	-14.65	-118.48	-36.29	828.16	50.73	61.35	817.54	-90.22
		152	12.45	-2.11	-111.88	-3.57	-110.42	-12.59	526.84	-2.31	59.02	465.50	-169.39
		160	14.33	0.63	-132.25	-0.34	-131.28	11.36	519.41	-5.77	24.33	489.32	-122.06
75	65	159	22.21	0.15	-182.82	-0.39	-182.28	9.92	876.81	-0.39	21.38	855.04	-136.45
		151	17.30	-2.71	-128.14	-14.58	-116.27	-36.71	825.82	50.74	61.08	815.47	-88.94
		152	12.30	-2.03	-109.81	-3.63	-108.22	-13.02	524.16	-2.06	58.69	463.41	-168.17
		160	14.19	0.71	-129.99	-0.22	-129.07	10.95	517.23	-5.59	23.99	487.65	-120.79
76	1	160	16.98	-3.48	-180.37	-5.12	-178.73	16.94	535.89	-23.49	13.17	499.23	-138.43
		152	14.86	-8.10	-153.95	-8.43	-153.62	-6.94	538.60	-13.86	44.90	479.84	-170.32
		153	11.77	-1.31	-143.34	-1.44	-143.21	4.32	355.05	-81.85	34.42	238.77	-193.08
		161	12.25	0.21	-156.24	-1.61	-154.43	16.77	307.40	-40.33	20.12	246.96	-131.77
76	33	160	14.85	-1.19	-142.99	-1.97	-142.21	10.48	517.50	-15.73	13.99	487.78	-122.33
		152	12.73	-5.26	-118.73	-6.89	-117.10	-13.51	519.06	-5.19	45.32	468.55	-154.69
		153	9.56	-1.79	-106.76	-1.84	-106.70	-2.38	332.18	-73.95	31.17	227.06	-177.88
		161	10.07	0.52	-118.78	-0.36	-117.91	10.18	285.32	-33.44	16.80	235.08	-116.15

76	65	160	14.69	-1.01	-140.16	-1.73	-139.44	9.99	516.16	-15.18	14.05	486.93	-121.14
		152	12.57	-4.98	-116.13	-6.77	-114.33	-14.01	517.62	-4.56	45.35	467.71	-153.53
		153	9.39	-1.79	-104.02	-1.87	-103.94	-2.89	330.49	-73.37	30.93	226.19	-176.76
		161	9.91	0.54	-115.95	-0.27	-115.14	9.68	283.70	-32.94	16.56	234.20	-115.00
77	1	161	12.99	-3.78	-175.92	-5.59	-174.12	17.53	294.43	-48.59	9.37	236.47	-128.55
		153	12.45	-5.93	-162.01	-6.10	-161.84	5.13	341.81	-87.74	22.61	231.46	-187.68
		154	9.95	0.09	-155.62	-0.73	-154.80	11.27	204.10	-163.71	8.98	31.40	-183.56
		162	9.48	0.24	-163.12	-1.65	-161.24	17.45	137.13	-97.07	13.92	26.14	-116.94
77	33	161	10.51	-1.66	-129.34	-2.43	-128.58	9.86	280.82	-37.04	10.29	233.49	-113.16
		153	9.93	-4.38	-116.36	-4.45	-116.30	-2.62	326.75	-75.54	23.11	228.10	-173.08
		154	7.47	-1.00	-109.37	-1.10	-109.26	3.42	187.33	-152.98	6.61	27.74	-169.83
		162	6.97	0.31	-116.51	-0.50	-115.70	9.67	119.87	-85.33	11.67	22.87	-102.45
77	65	161	10.32	-1.49	-125.82	-2.19	-125.13	9.28	279.84	-36.21	10.36	233.27	-112.02
		153	9.74	-4.23	-112.94	-4.32	-112.85	-3.21	325.65	-74.65	23.15	227.86	-172.00
		154	7.29	-1.06	-105.89	-1.13	-105.81	2.82	186.10	-152.18	6.43	27.48	-168.81
		162	6.78	0.32	-112.98	-0.41	-112.25	9.08	118.60	-84.46	11.51	22.63	-101.38
78	17	162	9.90	-4.62	-180.48	-6.46	-178.64	17.89	96.19	-160.61	0.89	-65.30	-124.06
		154	9.97	-3.95	-172.71	-4.78	-171.88	11.80	164.27	-217.74	-4.64	-48.83	-189.72
		155	12.16	0.76	-169.57	-0.73	-168.07	15.88	63.92	-327.72	-23.72	-240.08	-163.23
		163	12.62	-1.06	-173.40	-2.93	-171.52	17.88	37.49	-303.61	3.41	-269.53	-102.29
78	49	162	6.85	-2.19	-125.12	-2.89	-124.43	9.21	100.12	-112.55	4.54	-16.97	-105.79
		154	7.44	-3.21	-117.75	-3.29	-117.67	3.03	168.44	-176.45	-2.10	-5.92	-172.43
		155	9.06	-0.58	-114.30	-1.02	-113.86	7.05	60.97	-282.44	-23.67	-197.80	-148.00
		163	9.31	-0.43	-118.02	-1.14	-117.31	9.13	33.35	-250.91	4.28	-221.85	-86.12
78	81	162	6.68	-2.00	-121.02	-2.62	-120.40	8.56	100.54	-109.15	4.81	-13.42	-104.45
		154	7.26	-3.13	-113.69	-3.18	-113.64	2.38	168.82	-173.50	-1.91	-2.76	-171.16
		155	8.84	-0.67	-110.21	-1.04	-109.84	6.39	60.77	-279.13	-23.67	-194.69	-146.87
		163	9.07	-0.37	-113.92	-1.01	-113.28	8.48	33.04	-247.04	4.35	-218.34	-84.93
79	17	163	14.41	-7.40	-201.15	-9.72	-198.83	21.10	25.35	-346.21	-6.22	-314.64	-103.60
		155	13.76	-3.14	-197.60	-5.09	-195.65	19.38	42.07	-356.41	-37.79	-276.56	-159.51
		156	16.52	1.73	-197.22	-1.06	-194.43	23.39	-40.66	-511.32	-66.67	-485.32	-107.53
		164	17.79	-3.14	-198.75	-5.61	-196.29	21.84	-6.19	-554.26	-13.15	-547.31	-61.34
79	49	163	10.15	-3.49	-131.76	-4.27	-130.97	9.99	30.57	-269.41	0.99	-239.83	-89.43
		155	9.76	-2.81	-128.33	-3.35	-127.80	8.19	49.95	-294.11	-32.58	-211.58	-146.92
		156	12.24	-0.64	-127.75	-1.81	-126.58	12.14	-39.67	-446.74	-65.13	-421.28	-98.57
		164	13.39	-1.79	-129.33	-2.69	-128.43	10.68	-4.19	-478.97	-9.71	-473.45	-50.89
79	81	163	9.84	-3.18	-126.61	-3.87	-125.93	9.17	30.97	-263.79	1.52	-234.35	-88.39
		155	9.48	-2.77	-123.20	-3.22	-122.75	7.36	50.60	-289.61	-32.19	-206.82	-145.99
		156	11.93	-0.81	-122.59	-1.87	-121.53	11.31	-39.59	-442.01	-65.01	-416.58	-97.90
		164	13.07	-1.67	-124.18	-2.47	-123.39	9.85	-4.04	-473.45	-9.46	-468.04	-50.12
80	17	164	20.34	-8.19	-234.96	-12.57	-230.59	31.18	26.19	-604.32	19.12	-597.25	-66.39
		156	19.15	3.25	-241.42	-3.45	-234.72	39.92	-71.18	-560.47	-90.85	-540.80	-96.11
		157	21.65	-29.69	-229.84	-37.05	-222.48	37.67	-171.03	-820.59	-173.06	-818.56	-36.25
		37	24.61	-43.66	-256.42	-54.43	-245.65	46.65	-134.35	-924.00	-136.39	-921.96	40.10
80	49	164	14.73	-1.93	-145.15	-3.03	-144.05	12.53	37.10	-499.60	29.13	-491.63	-64.90
		156	13.43	-0.87	-151.23	-3.92	-148.18	21.19	-62.19	-465.53	-82.74	-444.98	-88.69
		157	16.16	-21.09	-139.10	-24.25	-135.94	19.04	-151.65	-722.39	-153.52	-720.52	-32.67
		37	19.06	-25.52	-165.02	-31.43	-159.11	28.10	-112.53	-816.33	-114.81	-814.05	40.01
80	81	164	14.33	-1.41	-138.53	-2.32	-137.61	11.14	37.91	-491.94	29.87	-483.89	-64.79
		156	13.01	-1.16	-144.54	-3.95	-141.75	19.80	-61.51	-458.61	-82.15	-437.97	-88.15
		157	15.75	-20.44	-132.36	-23.29	-129.51	17.66	-150.23	-715.21	-152.09	-713.34	-32.40
		37	18.65	-24.16	-158.23	-29.72	-152.67	26.72	-110.93	-808.45	-113.23	-806.15	40.00
81	10	167	96.15	875.36	-81.78	832.70	-39.11	-197.53	-1213.83	-5407.81	-1254.29	-5367.34	409.96
		8	350.36	635.40	-608.98	542.75	-516.33	326.65	1.975e+04	-1344.97	3977.24	1.442e+04	-9161.13
		165	83.98	-247.37	-522.47	-295.69	-474.16	-104.67	2068.58	-3490.64	-1705.80	283.74	2595.51
		166	92.22	-72.65	-250.66	-158.17	-165.14	88.93	5500.07	28.45	1257.59	4270.93	-2283.55
81	42	167	84.77	589.78	-73.94	499.31	16.53	-227.73	-801.23	-5444.87	-938.11	-5307.99	785.42
		8	332.47	395.02	-570.25	283.46	-458.70	308.61	1.911e+04	-1103.28	4139.28	1.387e+04	-8858.49
		165	77.52	-207.42	-432.06	-231.65	-407.82	-69.69	1554.11	-3797.71	-1800.48	-443.12	2588.41
		166	89.41	-14.73	-248.46	-162.54	-100.65	112.70	5369.21	83.86	1287.11	4165.96	-2216.26
81	74	167	83.96	570.17	-75.55	473.85	20.76	-230.04	-767.83	-5449.60	-913.99	-5303.44	814.20
		8	331.14	377.18	-567.83	263.66	-454.31	307.23	1.906e+04	-1084.91	4151.64	1.382e+04	-8835.31
		165	77.09	-204.16	-425.39	-226.77	-402.78	-67.02	1516.07	-3822.63	-1807.73	-498.82	2587.88
		166	89.20	-9.98	-248.64	-162.88	-95.74	114.51	5359.19	88.08	1289.36	4157.91	-2211.12
82	14	166	31.08	42.56	-260.06	-17.84	-199.66	120.95	1141.28	-303.06	-302.86	1141.08	-16.91
		165	61.61	-63.48	-524.64	-120.83	-467.29	152.17	2583.50	277.43	503.49	2357.44	-685.72
		168	29.17	-12.19	-307.93	-23.32	-296.80	56.29	846.93	-219.96	-219.53	846.50	-21.29
		169	32.38	1.02	-321.16	-49.54	-270.60	117.19	1215.77	267.92	353.96	1129.73	-272.30
82	46	166	23.23	24.75	-171.51	-32.09	-114.66	89.02	971.25	-284.14	-283.89	971.00	-17.78
		165	56.15	-57.07	-429.46	-104.85	-381.68	124.54	2530.93	292.90	540.68	2283.15	-702.23
		168	24.57	14.18	-215.14	9.88	-210.84	31.10	784.64	-224.96	-224.62	784.31	18.32
		169	24.99	-3.70	-227.68	-46.13	-185.24	87.77	1038.43	259.97	327.99	970.41	-219.83
82	78	166	22.63	23.68	-165.04	-33.18	-108.18	86.59	958.21	-282.72	-282.47	957.96	-17.81
		165	55.74	-56.58	-422.20	-103.63	-375.15	122.43	2526.97	294.02	543.51	2277.48	-703.45
		168	24.23	16.28	-208.14	12.42	-204.28	29.18	779.99	-225.47	-225.02	779.54	21.34
		169	24.43	-4.01	-220.59	-45.88	-178.73	85.53	1024.83	259.36	326.00	958.18	-215.81
83	14	169	26.45	20.07	-268.02	-2.51	-245.43	77.44	841.20	-48.55	-43.97	836.62	-63.73

		168	30.04	-11.97	-320.70	-22.62	-310.06	56.33	980.91	49.48	61.45	968.94	-104.91
		170	21.93	-16.71	-267.13	-24.16	-259.68	42.55	605.38	-4.72	-3.77	604.43	-23.99
		171	19.27	-2.65	-250.91	-17.92	-235.64	59.65	518.09	30.31	34.03	514.37	42.41
83	46	169	20.98	11.66	-184.77	-8.67	-164.44	59.84	791.14	-42.90	-42.36	790.61	-21.12
		168	24.78	-9.11	-236.24	-16.47	-228.88	40.20	910.33	51.98	57.24	905.07	-67.04
		170	17.01	-5.20	-182.73	-9.55	-178.38	27.44	534.46	-19.49	-19.49	534.46	0.08
		171	14.26	-3.22	-166.79	-15.48	-154.53	43.08	472.79	11.59	22.64	461.75	70.50
83	78	169	20.57	11.06	-178.46	-9.14	-158.26	58.49	787.52	-42.62	-42.24	787.14	-17.86
		168	24.38	-8.90	-229.79	-16.00	-222.69	38.97	905.03	52.07	56.92	900.18	-64.14
		170	16.64	-4.31	-176.29	-8.43	-172.18	26.29	529.11	-20.70	-20.69	529.10	1.91
		171	13.88	-3.24	-160.38	-15.30	-148.33	41.82	469.55	9.99	21.77	457.77	72.64
84	14	171	19.58	2.08	-244.77	-5.29	-237.40	42.02	498.97	-42.93	-38.12	494.16	50.80
		170	20.80	-8.26	-266.71	-11.40	-263.57	28.29	511.03	-14.05	-14.01	510.99	4.69
		172	15.69	-8.75	-242.32	-11.37	-239.70	24.60	267.93	2.39	6.04	264.28	30.92
		173	15.19	0.02	-232.08	-4.63	-227.44	32.49	281.19	-47.37	-18.93	252.75	92.39
84	46	171	14.94	0.44	-163.97	-6.71	-156.82	33.52	478.80	-46.11	-33.32	466.01	80.93
		170	16.32	-4.24	-185.26	-6.57	-182.93	20.41	483.99	-12.05	-10.25	482.18	29.86
		172	11.42	-3.51	-160.88	-5.33	-159.05	16.84	247.78	-16.63	-5.84	236.99	52.30
		173	10.89	-0.83	-150.83	-4.82	-146.84	24.12	273.07	-76.39	-29.92	226.59	118.67
84	78	171	14.59	0.34	-157.83	-6.82	-150.67	32.87	477.51	-46.52	-32.95	463.95	83.22
		170	15.99	-3.93	-179.04	-6.20	-176.77	19.81	482.14	-12.01	-9.96	480.09	31.76
		172	11.10	-3.11	-154.66	-4.87	-152.89	16.25	246.51	-18.23	-6.75	235.03	53.92
		173	10.57	-0.89	-144.63	-4.83	-140.69	23.48	272.67	-78.74	-30.76	224.68	120.67
85	10	173	12.91	0.13	-242.35	-1.89	-240.33	22.03	63.99	-150.44	-55.95	-30.50	106.46
		172	12.87	-6.06	-253.76	-6.92	-252.90	14.60	28.70	-77.24	-27.79	-20.76	52.85
		174	15.56	-4.63	-241.12	-5.39	-240.37	13.35	22.94	-241.70	5.62	-224.38	65.45
		175	15.52	2.18	-235.20	0.98	-234.00	16.83	21.84	-277.95	-30.63	-225.48	113.92
85	46	173	9.74	-0.88	-157.78	-3.09	-155.56	18.49	175.60	-118.43	-45.46	102.63	127.01
		172	10.11	-2.96	-168.89	-3.75	-168.11	11.40	138.14	-47.86	-18.38	108.67	67.92
		174	9.62	-1.98	-156.24	-2.64	-155.58	10.11	39.51	-142.74	-4.09	-99.15	77.75
		175	9.75	0.51	-150.41	-0.66	-149.24	13.26	66.55	-202.86	-39.66	-96.66	131.66
85	78	173	9.55	-0.94	-151.19	-3.18	-148.95	18.21	183.66	-117.09	-44.79	111.36	128.52
		172	9.91	-2.72	-162.27	-3.50	-161.49	11.14	146.19	-46.85	-17.79	117.12	69.03
		174	9.19	-1.76	-149.62	-2.42	-148.96	9.85	41.82	-137.58	-4.79	-90.97	78.67
		175	9.35	0.39	-143.80	-0.79	-142.62	12.97	70.85	-199.38	-40.31	-88.21	132.98
86	10	175	19.18	0.24	-258.41	-0.05	-258.12	8.70	-35.66	-457.28	-65.56	-427.38	108.24
		174	19.34	-6.20	-264.76	-6.31	-264.66	5.31	-21.74	-433.85	-30.74	-424.85	60.24
		176	22.31	-4.08	-258.22	-4.17	-258.12	4.89	7.42	-632.50	1.87	-626.95	59.32
		177	22.02	3.05	-255.19	2.93	-255.07	5.53	-26.60	-635.43	-41.76	-620.26	94.89
86	42	175	11.48	-0.74	-161.75	-1.20	-161.28	8.64	21.02	-277.81	-52.65	-204.14	128.79
		174	11.51	-3.03	-167.99	-3.21	-167.81	5.49	8.18	-231.87	-18.71	-204.98	75.71
		176	14.34	-1.80	-161.43	-1.96	-161.28	5.01	9.10	-423.34	-3.49	-410.75	72.72
		177	14.03	1.06	-158.42	0.88	-158.24	5.43	-13.47	-433.92	-46.63	-400.76	113.33
86	74	175	10.92	-0.80	-154.38	-1.29	-153.90	8.64	27.55	-266.23	-51.66	-187.03	130.37
		174	10.93	-2.78	-160.61	-2.97	-160.42	5.50	11.79	-217.70	-17.79	-188.13	76.90
		176	13.74	-1.63	-154.05	-1.79	-153.89	5.02	9.57	-407.64	-3.90	-394.17	73.75
		177	13.43	0.91	-151.04	0.72	-150.85	5.42	-11.63	-419.30	-47.00	-383.94	114.75
87	10	177	25.81	-1.22	-288.21	-1.29	-288.14	-4.42	-64.65	-802.16	-72.89	-793.92	77.51
		176	26.70	-8.66	-291.19	-8.73	-291.12	-4.44	-31.57	-841.52	-33.66	-839.43	41.05
		178	30.27	-1.28	-289.52	-1.38	-289.43	-5.23	-23.50	-1066.73	-23.50	-1066.73	-1.38
		179	29.14	7.89	-288.26	7.73	-288.11	-6.88	-73.34	-1006.40	-73.90	-1005.84	22.80
87	42	177	15.83	-1.52	-175.40	-1.52	-175.40	-0.18	-35.19	-509.50	-58.65	-486.04	102.84
		176	16.48	-4.05	-178.38	-4.05	-178.38	-0.04	-7.91	-520.65	-15.79	-512.77	63.07
		178	19.82	-0.90	-176.69	-0.91	-176.69	-0.96	-15.62	-742.81	-16.80	-741.63	29.24
		179	18.87	3.25	-175.41	3.21	-175.37	-2.78	-65.85	-704.66	-70.96	-699.55	56.91
87	74	177	15.08	-1.53	-166.80	-1.53	-166.80	0.15	-32.05	-487.95	-57.56	-462.44	104.78
		176	15.70	-3.69	-169.78	-3.69	-169.78	0.30	-5.72	-496.44	-14.42	-487.74	64.75
		178	19.03	-0.87	-168.09	-0.87	-168.09	-0.64	-14.87	-718.14	-16.29	-716.71	31.59
		179	18.09	2.90	-166.81	2.87	-166.77	-2.46	-64.94	-681.87	-70.73	-676.07	59.52
88	10	179	33.74	11.15	-347.52	6.61	-342.98	-40.07	-105.32	-1135.64	-105.35	-1135.60	5.81
		178	32.93	-7.44	-336.67	-9.84	-334.27	-28.00	23.62	-1076.54	22.73	-1075.65	-31.22
		7	36.00	-68.77	-365.56	-76.51	-357.82	-47.30	-209.81	-1375.79	-216.84	-1368.76	-90.23
		180	35.18	-48.39	-335.38	-54.14	-329.63	-40.21	-294.45	-1436.87	-294.47	-1436.84	5.03
88	42	179	21.10	4.11	-207.85	1.85	-205.58	-21.80	-84.63	-761.12	-86.80	-758.95	38.26
		178	21.27	-0.85	-197.33	-1.31	-196.87	-9.58	32.83	-747.61	32.40	-747.19	18.22
		7	24.91	-38.12	-224.90	-42.60	-220.42	-28.59	-145.19	-1033.87	-149.70	-1029.35	-63.20
		180	23.33	-30.18	-195.12	-33.07	-192.23	-21.65	-216.95	-1049.30	-217.21	-1049.04	14.68
88	74	179	20.14	3.58	-197.20	1.49	-195.10	-20.40	-82.82	-732.66	-85.39	-730.10	40.75
		178	20.39	-0.30	-186.74	-0.66	-186.38	-8.17	33.78	-722.67	33.14	-722.03	22.01
		7	24.06	-35.78	-214.17	-40.01	-209.94	-27.17	-140.23	-1007.68	-144.56	-1003.36	-61.13
		180	22.43	-28.79	-184.42	-31.46	-181.75	-20.23	-211.00	-1019.63	-211.29	-1019.34	15.42
89	13	182	35.77	536.83	76.78	524.29	89.32	-74.91	515.52	-609.39	253.84	-347.71	-475.28
		167	64.82	455.72	-149.28	453.40	-146.96	37.41	3298.18	-819.15	1099.04	1379.99	-2053.86
		166	32.91	62.77	-142.45	-51.59	-28.09	-101.93	1446.77	-511.18	-274.38	1209.97	-638.41
		181	29.83	47.26	-59.42	8.36	-20.52	-51.35	1487.52	-448.76	130.27	908.48	-886.51
89	45	182	23.91	324.95	67.50	308.33	84.12	-63.27	348.69	-538.61	203.81	-393.73	-327.97
		167	59.27	269.04	-158.20	262.33	-151.49	53.13	3046.54	-714.90	1039.73	1291.91	-1876.49

		166	26.39	13.34	-107.49	-66.28	-27.87	-57.28	1280.31	-386.38	-238.14	1132.07	-474.45
		181	23.45	-13.52	-35.00	-27.64	-20.88	-10.19	1354.17	-305.79	175.55	872.83	-753.20
89	77	182	23.01	309.02	66.46	291.75	83.72	-62.37	336.65	-533.91	199.99	-397.25	-316.69
		167	58.89	254.92	-159.10	247.66	-151.84	54.34	3027.28	-706.91	1035.21	1285.16	-1862.91
		166	25.93	9.74	-105.00	-67.40	-27.85	-53.85	1268.02	-377.27	-235.36	1126.11	-461.89
		181	22.98	-17.17	-34.14	-30.40	-20.90	-7.03	1343.98	-294.86	179.03	870.09	-743.00
90	13	181	18.00	46.81	-11.89	45.43	-10.51	-8.90	907.85	-363.04	-152.33	697.14	-472.65
		166	32.59	-11.16	-113.21	-44.30	-80.07	47.79	1831.15	-18.73	205.65	1606.77	-603.93
		169	19.31	-26.92	-105.29	-34.72	-97.49	23.47	986.53	-22.17	-15.93	980.28	-79.11
		183	14.69	-35.45	-62.45	-49.15	-48.76	13.50	851.42	-13.69	34.95	802.78	-199.28
90	45	181	14.17	12.75	-4.36	12.39	-4.00	-2.46	773.28	-250.44	-106.84	629.68	-355.51
		166	28.98	-15.09	-126.31	-68.04	-73.36	55.55	1632.79	51.35	232.94	1451.20	-504.18
		169	16.66	-7.70	-105.98	-23.60	-90.08	36.19	800.41	-43.03	-42.41	799.79	-22.87
		183	12.82	-18.96	-69.21	-46.64	-41.52	24.99	732.67	4.60	27.54	709.72	-127.20
90	77	181	13.88	10.14	-3.77	9.86	-3.49	-1.96	763.12	-241.96	-103.36	624.52	-346.55
		166	28.71	-15.19	-127.52	-69.86	-72.84	56.14	1617.62	56.69	235.03	1439.28	-496.55
		169	16.46	-6.17	-106.08	-22.74	-89.51	37.16	786.38	-44.84	-44.42	785.96	-18.59
		183	12.68	-17.69	-69.73	-46.45	-40.96	25.88	723.86	5.71	26.96	702.60	-121.71
91	14	183	15.33	-21.72	-118.29	-34.70	-105.31	32.94	645.79	-75.37	-62.75	633.17	-94.55
		169	20.32	-30.74	-177.81	-50.15	-158.40	49.78	847.31	28.76	43.34	832.74	-108.26
		171	14.58	-22.35	-155.05	-29.52	-147.88	30.00	512.30	-7.15	-6.44	511.59	19.21
		184	13.09	-16.23	-129.83	-25.25	-120.82	30.71	479.53	-12.46	-11.88	478.96	-16.83
91	46	183	12.55	-14.07	-86.01	-31.35	-68.73	30.74	589.96	-61.98	-57.73	585.71	-52.50
		169	17.75	-16.03	-144.03	-38.38	-121.69	48.59	791.49	41.79	48.62	784.66	-71.24
		171	12.25	-10.01	-119.36	-18.19	-111.18	28.76	466.33	-30.49	-24.37	460.20	54.84
		184	10.48	-11.26	-95.33	-22.35	-84.24	28.45	429.27	-31.08	-29.82	428.01	24.02
91	78	183	12.34	-13.33	-83.70	-31.09	-65.94	30.56	585.89	-61.13	-57.35	582.11	-49.29
		169	17.56	-14.87	-141.50	-37.48	-118.89	48.50	787.38	42.68	49.02	781.04	-68.42
		171	12.07	-9.05	-116.65	-17.32	-108.38	28.66	463.09	-32.49	-25.71	456.32	57.56
		184	10.28	-10.81	-92.77	-22.13	-81.45	28.28	425.76	-32.78	-31.17	424.14	27.15
92	14	184	14.20	-18.49	-157.01	-22.02	-153.48	21.82	428.66	-65.98	-65.87	428.54	-7.43
		171	15.89	-23.73	-186.42	-27.47	-182.68	24.40	477.16	-18.31	-18.22	477.07	6.89
		173	12.12	-16.32	-174.76	-17.74	-173.34	14.93	260.95	-25.98	-16.13	251.10	52.23
		185	11.58	-9.74	-158.86	-11.36	-157.24	15.46	247.99	-43.38	-40.66	245.27	28.02
92	46	184	11.02	-13.39	-106.80	-19.49	-100.70	23.08	399.62	-64.33	-61.59	396.88	35.56
		171	12.95	-12.89	-135.73	-18.79	-129.83	26.26	454.60	-19.76	-15.39	450.23	45.31
		173	9.39	-8.45	-122.98	-10.91	-120.51	16.61	250.63	-55.56	-29.99	225.06	84.70
		185	8.58	-8.13	-107.31	-10.96	-104.47	16.51	229.55	-68.90	-54.08	214.74	64.83
92	78	184	10.77	-12.89	-103.08	-19.30	-96.67	23.17	397.80	-64.56	-61.27	394.52	38.84
		171	12.73	-12.00	-131.93	-18.13	-125.80	26.40	453.24	-20.15	-15.19	448.27	48.24
		173	9.18	-7.81	-119.06	-10.39	-116.48	16.74	250.19	-58.04	-31.02	223.17	87.18
		185	8.36	-7.95	-103.42	-10.93	-100.45	16.59	228.60	-71.21	-55.08	212.47	67.65
93	10	185	9.38	-11.47	-182.02	-11.59	-181.90	4.44	-31.19	-123.66	-90.09	-64.76	44.47
		173	10.01	-16.27	-198.75	-16.38	-198.64	4.49	16.75	-114.69	-58.03	-39.91	65.09
		175	12.82	-10.25	-192.56	-10.25	-192.56	-0.62	-3.67	-257.46	-28.04	-233.09	74.77
		186	12.20	-3.83	-182.63	-3.83	-182.63	-0.89	-60.80	-255.04	-74.86	-240.98	50.33
93	62	185	7.53	-8.33	-94.10	-10.45	-91.97	13.34	208.00	-104.93	-65.81	168.88	103.49
		173	8.50	-6.20	-110.56	-8.09	-108.66	13.93	237.13	-85.44	-34.99	186.68	117.17
		175	6.28	-3.81	-103.35	-4.57	-102.60	8.62	94.78	-149.10	-42.34	-11.98	120.99
		186	5.49	-4.60	-93.40	-5.29	-92.71	7.80	66.47	-151.05	-71.74	-12.84	104.70
93	94	185	7.41	-8.14	-91.50	-10.42	-89.22	13.60	209.08	-104.61	-65.62	170.09	103.49
		173	8.38	-5.82	-107.92	-7.84	-105.91	14.20	238.12	-85.09	-34.83	187.86	117.13
		175	6.18	-3.57	-100.66	-4.39	-99.84	8.89	95.23	-148.68	-42.62	-10.83	120.92
		186	5.39	-4.58	-90.72	-5.34	-89.96	8.06	67.21	-150.61	-71.74	-11.66	104.69
94	10	186	15.99	-4.46	-207.33	-5.12	-206.67	-11.52	-100.83	-440.65	-107.87	-433.62	48.40
		175	16.55	-11.07	-217.47	-11.67	-216.87	-11.12	-67.21	-446.72	-80.00	-433.93	68.48
		177	19.39	-7.61	-214.92	-8.65	-213.89	-14.61	-70.95	-634.68	-76.39	-629.24	55.10
		187	18.84	-0.13	-208.04	-1.33	-206.84	-15.75	-99.72	-619.02	-102.47	-616.27	37.71
94	42	186	9.22	-5.56	-131.25	-5.56	-131.25	-0.38	-48.21	-246.75	-86.52	-208.44	78.35
		175	9.96	-6.89	-141.43	-6.89	-141.43	0.30	-11.79	-254.94	-58.59	-208.15	95.86
		177	12.58	-4.81	-138.53	-4.89	-138.45	-3.24	-44.66	-424.03	-63.54	-405.16	82.48
		187	11.87	-2.59	-131.59	-2.76	-131.42	-4.67	-75.43	-407.25	-89.85	-392.82	67.67
94	74	186	8.74	-5.60	-125.50	-5.60	-125.49	0.47	-41.45	-234.62	-84.89	-191.18	80.65
		175	9.49	-6.51	-135.69	-6.53	-135.68	1.18	-5.25	-242.54	-56.95	-190.84	97.95
		177	12.08	-4.56	-132.74	-4.60	-132.70	-2.38	-41.88	-408.65	-62.55	-387.98	84.58
		187	11.35	-2.75	-125.78	-2.87	-125.66	-3.83	-72.73	-391.85	-88.89	-375.69	69.97
95	10	187	22.59	1.93	-234.14	-1.87	-230.34	-29.70	-135.20	-801.80	-136.90	-800.10	33.64
		177	22.87	-9.11	-240.39	-12.48	-237.02	-27.71	-103.37	-802.12	-105.65	-799.84	39.80
		179	25.64	-20.86	-242.47	-25.92	-237.41	-33.10	-156.11	-1018.36	-156.29	-1018.17	12.74
		188	24.99	-10.85	-234.45	-16.02	-229.28	-33.60	-179.62	-998.28	-179.99	-997.91	17.47
95	42	187	13.68	-2.06	-145.21	-3.09	-144.18	-12.10	-93.52	-493.16	-104.12	-482.56	64.22
		177	14.24	-5.91	-151.52	-6.58	-150.85	-9.88	-61.09	-500.61	-73.85	-487.85	73.79
		179	17.06	-12.02	-152.87	-13.65	-151.24	-15.06	-109.95	-707.44	-113.27	-704.13	44.35
		188	16.20	-8.90	-144.98	-10.76	-143.12	-15.79	-131.97	-682.08	-135.78	-678.27	45.63
95	74	187	13.02	-2.33	-138.47	-3.18	-137.61	-10.76	-89.59	-470.24	-101.61	-458.22	66.57
		177	13.59	-5.61	-144.80	-6.13	-144.28	-8.52	-57.07	-478.28	-71.41	-463.94	76.39
		179	16.41	-11.31	-146.07	-12.71	-144.67	-13.68	-106.16	-683.88	-109.97	-680.06	46.77

		188	15.53	-8.73	-138.18	-10.36	-136.55	-14.43	-128.04	-658.12	-132.39	-653.77	47.79
96	10	188	28.38	-9.37	-245.91	-17.27	-238.02	-42.49	-221.66	-1211.05	-222.06	-1210.65	19.78
		179	27.83	-20.05	-252.36	-26.99	-245.42	-39.55	-182.40	-1146.38	-182.51	-1146.26	10.51
		180	30.98	-42.59	-253.89	-53.45	-243.02	-46.66	-284.03	-1428.63	-284.03	-1428.63	-1.09
		189	30.57	-31.14	-242.67	-39.16	-234.65	-40.41	-283.96	-1419.54	-284.04	-1419.46	9.38
96	42	188	17.93	-8.42	-152.10	-11.72	-148.80	-21.52	-151.97	-786.31	-154.97	-783.31	43.49
		179	18.10	-11.81	-158.58	-14.18	-156.21	-18.50	-121.30	-764.10	-123.76	-761.64	39.70
		180	21.43	-27.30	-158.96	-32.45	-153.81	-25.53	-206.68	-1040.90	-206.76	-1040.81	8.54
		189	20.36	-22.23	-148.47	-25.28	-145.43	-19.36	-197.85	-989.09	-198.07	-988.87	13.17
96	74	188	17.14	-8.32	-144.97	-11.29	-142.00	-19.92	-146.43	-753.97	-149.83	-750.57	45.31
		179	17.36	-11.14	-151.47	-13.20	-149.40	-16.90	-116.40	-735.03	-119.26	-732.18	41.94
		180	20.70	-26.11	-151.74	-30.85	-147.00	-23.92	-200.74	-1011.21	-200.85	-1011.10	9.27
		189	19.59	-21.53	-141.32	-24.22	-138.63	-17.75	-191.24	-956.12	-191.48	-955.88	13.46
97	14	191	26.71	396.05	9.63	392.75	12.93	-35.56	538.84	-286.58	255.82	-3.56	-391.80
		182	34.32	394.79	-8.17	390.67	-4.06	-40.52	1124.26	-411.76	482.19	230.30	-757.62
		181	24.06	105.41	-44.12	53.67	7.62	-71.14	1068.57	-316.06	50.83	701.68	-611.06
		190	18.63	147.77	-34.10	114.63	-0.97	-70.20	689.30	-263.58	39.93	385.80	-443.94
97	46	191	16.61	218.94	6.88	216.89	8.93	-20.75	399.81	-222.64	196.10	-18.93	-292.06
		182	25.13	233.45	-9.81	231.25	-7.62	-23.02	952.88	-356.59	415.99	180.30	-644.04
		181	18.98	42.01	-28.45	6.47	7.08	-35.23	940.42	-250.20	36.65	653.57	-509.16
		190	13.31	71.39	-20.23	53.05	-1.89	-36.65	596.99	-192.37	32.33	372.30	-356.20
97	78	191	15.85	205.41	6.66	203.45	8.62	-19.62	389.19	-217.74	191.57	-20.11	-284.41
		182	24.44	221.12	-9.94	219.07	-7.89	-21.68	939.77	-352.34	410.96	176.47	-635.32
		181	18.61	37.50	-27.60	2.87	7.04	-32.48	930.67	-245.27	35.53	649.88	-501.35
		190	12.93	65.56	-19.17	48.35	-1.97	-34.09	590.02	-187.04	31.72	371.26	-349.48
98	13	190	15.03	115.23	-12.62	93.22	9.39	-48.27	638.91	-221.97	-15.07	432.01	-367.85
		181	18.85	64.99	-16.15	53.34	-4.51	-28.45	1074.34	-180.67	66.35	827.32	-498.99
		183	12.93	-1.14	-51.91	-27.52	-25.53	-25.37	773.96	-85.77	-43.29	731.49	-186.31
		192	12.29	32.52	-52.64	-12.18	-7.94	-42.53	587.39	-135.95	-77.15	528.60	-197.67
98	45	190	10.71	56.24	-7.66	42.77	5.81	-26.06	520.90	-153.62	-20.97	388.24	-268.11
		181	14.99	10.17	-9.61	8.54	-7.98	-5.44	922.96	-124.23	56.50	742.23	-395.72
		183	11.08	-25.37	-32.92	-30.13	-28.15	3.64	656.13	-65.05	-50.06	641.14	-102.87
		192	9.05	-0.26	-30.12	-19.73	-10.66	-14.22	503.45	-102.71	-78.80	479.54	-117.99
98	77	190	10.40	51.74	-7.31	38.90	5.53	-24.36	512.08	-148.65	-21.48	384.90	-260.49
		181	14.83	6.04	-9.19	5.10	-8.25	-3.67	911.48	-120.09	55.67	735.72	-387.84
		183	10.99	-23.39	-35.29	-30.33	-28.35	5.87	647.57	-63.97	-50.63	634.23	-96.50
		192	8.86	-2.65	-28.52	-20.30	-10.87	-12.05	497.52	-100.69	-78.96	475.79	-111.91
99	14	192	9.41	4.20	-53.56	-11.49	-37.88	-25.69	491.42	-128.66	-100.17	462.92	-129.83
		183	12.66	-26.51	-61.76	-27.69	-60.58	-6.34	669.78	-63.16	-39.09	645.71	-130.63
		184	10.10	-26.42	-75.57	-30.03	-71.95	-12.83	467.36	-21.50	-21.24	467.10	-11.29
		193	8.26	-12.20	-65.69	-25.13	-52.76	-22.90	387.97	-59.02	-55.60	384.55	-38.96
99	46	192	8.24	-13.73	-29.45	-17.26	-25.93	-6.56	446.53	-103.74	-93.61	436.40	-73.97
		183	11.44	-22.52	-55.35	-29.30	-48.57	13.29	609.38	-44.79	-35.26	599.85	-78.38
		184	8.98	-22.26	-61.42	-23.86	-59.83	7.74	418.13	-45.77	-43.81	416.17	30.09
		193	7.35	-22.65	-41.14	-23.10	-40.69	-2.83	353.10	-78.39	-78.32	353.04	5.47
99	78	192	8.15	-15.09	-27.63	-17.70	-25.02	-5.09	443.48	-102.18	-93.13	434.43	-69.70
		183	11.35	-21.17	-55.91	-29.43	-47.65	14.79	605.03	-43.65	-35.00	596.38	-74.38
		184	8.90	-21.09	-61.20	-23.39	-58.91	9.31	414.71	-47.88	-45.48	412.31	33.26
		193	7.28	-22.85	-39.88	-22.95	-39.78	-1.30	350.85	-80.18	-80.00	350.67	8.88
100	14	193	8.07	-22.52	-92.81	-26.74	-88.59	-16.70	228.10	-115.91	-114.50	226.69	-21.96
		184	11.58	-33.21	-109.14	-33.73	-108.63	-6.24	431.11	-69.72	-69.27	430.66	-15.00
		185	9.15	-20.14	-113.61	-21.93	-111.82	-12.79	246.71	-36.34	-34.42	244.79	23.25
		194	6.75	-12.92	-101.49	-16.92	-97.49	-18.40	86.70	-100.64	-100.51	86.58	4.83
100	46	193	7.30	-23.11	-59.12	-23.12	-59.12	-0.28	274.51	-106.35	-105.52	273.68	17.76
		184	9.76	-23.63	-81.14	-25.66	-79.11	10.61	400.37	-63.72	-61.84	398.49	29.47
		185	7.43	-15.82	-82.55	-16.04	-82.33	3.85	227.53	-66.96	-53.06	213.63	62.44
		194	5.89	-15.43	-68.13	-15.52	-68.04	-2.20	138.53	-106.04	-98.81	131.30	41.43
100	78	193	7.24	-22.81	-56.90	-22.84	-56.87	0.97	278.39	-105.98	-104.85	277.26	20.81
		184	9.62	-22.44	-79.46	-25.04	-76.86	11.90	398.44	-63.64	-61.29	396.09	32.87
		185	7.30	-15.19	-80.48	-15.59	-80.08	5.12	226.55	-69.68	-54.44	211.31	65.44
		194	5.83	-15.40	-65.81	-15.42	-65.80	-0.96	142.80	-106.81	-98.71	134.70	44.24
101	11	194	11.91	65.02	-37.57	-9.25	36.70	45.86	469.32	-98.13	-56.10	427.29	148.60
		185	11.81	66.18	-41.31	2.87	22.00	52.89	487.91	-81.09	-27.21	434.03	166.60
		186	9.76	59.94	-35.77	2.88	21.29	46.96	320.41	-121.74	-49.72	248.40	163.26
		195	9.72	58.04	-35.34	-9.06	31.76	42.00	311.85	-123.08	-68.54	257.32	144.03
101	43	194	7.44	19.57	-36.86	-11.70	-5.59	28.05	322.64	-108.00	-76.30	290.95	112.45
		185	7.62	23.39	-47.91	-4.21	-20.31	34.72	347.35	-91.06	-46.46	302.75	132.53
		186	6.13	19.02	-41.97	-1.94	-21.00	28.97	188.57	-131.24	-61.68	119.01	131.94
		195	5.62	14.50	-34.24	-9.22	-10.51	24.36	171.37	-129.78	-81.30	122.89	110.67
101	75	194	7.11	16.39	-37.08	-11.89	-8.81	26.69	311.41	-108.74	-77.84	280.50	109.68
		185	7.32	20.49	-48.78	-4.75	-23.54	33.34	336.60	-91.81	-47.91	292.70	129.92
		186	5.90	16.42	-42.96	-2.31	-24.23	27.60	178.66	-132.14	-62.59	109.10	129.53
		195	5.35	11.64	-34.61	-9.23	-13.73	23.02	160.70	-130.37	-82.27	112.60	108.11
102	10	195	13.29	-4.05	-157.12	-11.04	-150.13	-31.95	-151.97	-452.74	-153.15	-451.56	18.81
		186	13.51	-12.57	-166.44	-17.98	-161.02	-28.34	-123.33	-443.84	-128.83	-438.34	41.60
		187	16.26	-10.07	-168.36	-17.23	-161.20	-32.89	-135.24	-626.25	-138.02	-623.47	36.80
		196	16.03	-1.60	-160.78	-9.87	-152.51	-35.33	-151.70	-626.87	-152.31	-626.26	16.88

102	42	195	7.32	-8.77	-99.83	-10.19	-98.42	-11.25	-97.39	-239.85	-119.65	-217.58	51.74
		186	7.91	-11.31	-109.85	-11.86	-109.30	-7.36	-59.88	-247.40	-96.57	-210.71	74.39
		187	10.54	-9.13	-110.88	-10.53	-109.48	-11.87	-92.03	-410.95	-106.63	-396.34	66.67
102	74	196	10.01	-6.17	-103.06	-8.42	-100.80	-14.60	-111.87	-400.60	-119.68	-392.79	46.84
		195	6.90	-9.03	-95.57	-10.12	-94.48	-9.68	-90.19	-226.55	-117.09	-199.65	54.26
		186	7.53	-11.04	-105.71	-11.39	-105.36	-5.76	-52.18	-235.18	-94.10	-193.26	76.90
103	10	187	10.13	-8.93	-106.62	-10.02	-105.53	-10.27	-87.89	-395.27	-104.23	-378.93	68.96
		196	9.57	-6.44	-98.73	-8.31	-96.86	-13.01	-108.13	-383.95	-117.18	-374.89	49.14
		196	19.54	-0.91	-175.06	-11.06	-164.91	-40.80	-192.35	-837.34	-192.97	-836.72	19.94
103	42	187	19.42	-10.18	-182.71	-19.02	-173.87	-38.04	-170.56	-808.51	-172.37	-806.70	33.94
		188	22.01	-16.73	-184.92	-28.29	-173.36	-42.56	-206.83	-1004.68	-207.92	-1003.59	29.47
		197	21.93	-7.68	-176.97	-19.48	-165.17	-43.11	-214.33	-1015.44	-214.84	-1014.93	20.18
103	74	196	11.78	-6.03	-111.16	-9.14	-108.05	-17.81	-131.25	-501.55	-137.44	-495.36	47.47
		187	12.12	-9.35	-119.06	-11.40	-117.01	-14.86	-109.82	-496.42	-120.76	-485.49	64.10
		188	14.76	-13.07	-120.07	-16.65	-116.49	-19.24	-143.05	-686.16	-147.82	-681.38	50.68
103	10	197	14.28	-9.42	-112.35	-13.46	-108.31	-19.99	-147.81	-675.39	-150.65	-672.55	38.60
		196	11.20	-6.35	-106.36	-8.99	-103.72	-16.06	-126.02	-476.36	-133.18	-469.20	49.58
		187	11.59	-9.17	-114.33	-10.82	-112.67	-13.09	-104.43	-473.24	-116.80	-460.87	66.41
104	42	188	14.22	-12.70	-115.22	-15.77	-112.16	-17.46	-137.94	-661.97	-143.22	-656.69	52.30
		197	13.71	-9.49	-107.49	-13.01	-103.97	-18.22	-142.55	-649.49	-145.73	-646.31	40.01
		197	25.25	-9.78	-181.80	-21.33	-170.26	-43.04	-257.89	-1242.59	-258.26	-1242.22	19.10
104	74	188	25.08	-19.88	-188.59	-29.98	-178.49	-40.03	-247.41	-1215.32	-248.48	-1214.25	32.17
		189	27.74	-25.93	-189.12	-39.04	-176.01	-44.36	-283.07	-1417.95	-283.14	-1417.88	8.71
		198	27.26	-16.91	-179.44	-27.40	-168.94	-39.94	-277.98	-1396.87	-278.02	-1396.83	6.39
104	10	197	16.00	-10.22	-116.42	-14.64	-112.00	-21.21	-168.06	-785.64	-170.01	-783.70	34.61
		188	16.35	-14.62	-123.34	-17.74	-120.23	-18.14	-162.02	-787.74	-165.83	-783.94	48.63
		189	19.01	-20.01	-122.91	-25.17	-117.75	-22.45	-196.96	-987.44	-197.16	-987.24	12.49
104	42	198	18.07	-15.61	-114.13	-19.06	-110.68	-18.10	-186.26	-938.08	-186.37	-937.97	8.99
		197	15.29	-10.21	-111.48	-14.13	-107.56	-19.55	-161.07	-750.75	-163.25	-748.57	35.80
		188	15.69	-14.13	-118.45	-16.80	-115.78	-16.47	-155.31	-755.16	-159.49	-750.98	49.90
105	74	189	18.35	-19.51	-117.91	-24.11	-113.30	-20.78	-190.36	-954.47	-190.57	-954.25	12.78
		198	17.37	-15.45	-109.21	-18.42	-106.24	-16.43	-179.23	-902.94	-179.35	-902.82	9.19
		200	18.49	275.42	0.15	272.03	3.53	-30.36	361.83	-136.60	199.37	25.86	-233.63
105	14	191	21.67	273.35	-1.89	269.23	2.23	-33.44	585.67	-219.02	298.63	68.02	-385.47
		190	16.32	115.20	-25.07	87.30	2.83	-55.99	670.00	-175.98	104.58	389.45	-398.29
		199	12.59	135.96	-22.17	113.77	0.02	-54.92	421.84	-108.00	63.32	250.52	-247.83
105	46	200	10.93	152.34	-0.48	150.65	1.22	-15.99	244.64	-104.77	128.96	10.91	-164.43
		191	14.53	159.49	-1.74	157.57	0.18	-17.49	456.56	-187.53	226.35	42.68	-308.67
		190	12.04	55.71	-13.98	39.24	2.49	-29.60	570.63	-151.16	52.94	366.53	-325.06
105	78	199	8.05	69.88	-13.28	57.16	-0.56	-29.94	339.94	-87.94	13.96	238.03	-182.26
		200	10.36	142.93	-0.52	141.37	1.04	-14.90	235.70	-102.29	123.65	9.77	-159.11
		191	13.99	150.79	-1.73	149.04	0.02	-16.27	446.70	-185.07	220.90	40.74	-302.77
106	10	190	11.74	51.19	-13.16	35.57	2.46	-27.59	563.23	-149.37	49.09	364.77	-319.43
		199	7.74	64.84	-12.61	52.83	-0.60	-28.03	334.08	-86.71	10.28	237.08	-177.22
		199	12.74	142.98	-28.82	108.87	5.29	-68.53	416.76	-88.17	32.36	296.24	-215.24
106	42	190	15.55	124.22	-29.67	89.52	5.02	-64.31	650.15	-114.85	72.24	463.06	-328.82
		192	12.27	57.05	-65.71	-2.08	-6.58	-61.34	558.68	-73.43	-26.15	511.41	-166.27
		201	11.34	80.31	-66.12	15.83	-1.64	-72.70	425.62	-90.56	-52.94	387.99	-134.18
106	74	199	7.80	72.30	-16.70	53.93	1.67	-36.02	329.94	-73.96	-10.65	266.64	-146.83
		190	10.80	56.93	-15.95	39.48	1.50	-31.10	540.61	-98.38	26.60	415.63	-253.46
		192	8.71	11.14	-34.55	-14.07	-9.33	-22.72	483.03	-77.50	-59.35	464.88	-99.21
106	10	201	7.71	32.20	-37.34	-0.66	-4.49	-34.72	371.43	-96.84	-84.69	359.28	-74.43
		199	7.46	66.90	-15.78	49.74	1.39	-33.53	323.75	-73.24	-13.87	264.38	-141.58
		190	10.47	51.80	-14.91	35.66	1.23	-28.57	532.45	-97.28	23.17	412.00	-247.67
107	11	192	8.51	7.69	-32.23	-14.99	-9.54	-19.77	477.72	-78.22	-61.82	461.32	-94.06
		201	7.50	28.54	-35.16	-1.92	-4.70	-31.82	367.81	-97.77	-87.05	357.09	-69.84
		201	10.73	42.68	-89.35	-42.27	-4.39	63.24	335.85	-122.81	-98.35	311.39	103.06
107	43	192	11.84	50.74	-106.54	-44.37	-11.43	76.90	384.87	-148.71	-137.32	373.47	77.15
		193	12.01	61.18	-104.62	-19.88	-23.56	82.88	317.08	-186.95	-145.76	275.89	138.07
		202	10.79	52.39	-88.58	-22.37	-13.82	70.36	303.14	-156.64	-119.41	265.91	125.43
107	75	201	7.53	14.54	-49.65	-28.07	-7.05	30.32	325.32	-111.46	-106.64	320.50	45.63
		192	8.64	20.97	-68.32	-33.22	-14.12	43.61	396.98	-109.69	-108.60	395.88	23.53
		193	8.36	24.85	-71.70	-20.43	-26.42	48.19	318.46	-140.86	-122.17	299.78	90.74
107	11	202	7.40	17.45	-54.57	-20.47	-16.65	35.96	290.21	-138.42	-124.71	276.51	75.41
		201	7.34	12.39	-46.62	-26.98	-7.25	27.81	325.09	-111.11	-107.18	321.15	41.24
		192	8.44	18.70	-65.40	-32.37	-14.33	41.07	398.31	-107.22	-106.48	397.57	19.41
108	43	193	8.11	22.09	-69.20	-20.47	-26.64	45.54	318.85	-137.70	-120.43	301.58	87.11
		202	7.17	14.78	-51.97	-20.32	-16.86	33.33	289.64	-137.40	-125.04	277.28	71.59
		202	11.40	55.62	-69.58	-18.09	4.13	61.61	421.28	-126.29	-96.97	391.96	123.27
108	75	193	12.16	63.56	-84.40	-14.47	-6.38	73.87	452.63	-106.15	-70.56	417.05	136.45
		194	11.04	60.49	-83.07	-7.97	-14.61	71.70	324.78	-138.89	-82.51	268.41	151.53
		203	10.15	53.10	-72.01	-14.18	-4.74	62.37	307.62	-139.82	-101.06	268.87	125.85
108	11	202	7.86	18.26	-45.94	-18.17	-9.51	31.80	346.42	-125.76	-112.33	333.00	78.48
		193	8.52	25.05	-62.55	-17.46	-20.05	43.78	382.32	-103.41	-84.94	363.85	92.89
		194	7.28	22.58	-62.25	-11.39	-28.28	41.57	253.14	-127.57	-91.44	217.01	111.58
108	43	203	6.44	16.04	-49.12	-14.70	-18.38	32.53	232.61	-131.76	-110.85	211.70	84.73
		202	7.61	15.41	-44.14	-18.18	-10.55	29.53	340.91	-125.85	-113.45	328.52	75.05

		193	8.25	22.13	-60.91	-17.69	-21.09	41.49	377.14	-103.30	-85.98	359.83	89.56
		194	7.00	19.77	-60.74	-11.65	-29.32	39.27	247.77	-126.73	-92.08	213.12	108.51
		203	6.16	13.26	-47.42	-14.74	-19.42	30.25	227.02	-131.22	-111.56	207.36	81.58
109	11	203	11.54	59.67	-60.47	-11.58	10.78	59.02	461.63	-95.37	-64.61	430.87	127.22
		194	12.06	66.56	-69.74	-3.62	0.44	68.12	474.50	-90.25	-45.55	429.80	152.47
		195	10.31	61.55	-67.35	-1.55	-4.25	64.44	319.93	-109.99	-51.32	261.26	147.59
		204	9.64	55.51	-61.09	-10.18	4.60	57.83	311.26	-99.48	-60.74	272.52	120.05
109	43	203	7.06	17.91	-43.66	-13.43	-12.33	30.78	306.29	-111.23	-91.76	286.82	88.04
		194	7.67	24.22	-56.11	-9.20	-22.69	39.59	324.92	-104.38	-71.50	292.04	114.17
		195	6.27	20.99	-54.18	-5.82	-27.37	36.01	175.48	-124.02	-73.24	124.70	112.38
		204	5.36	15.35	-44.54	-10.69	-18.50	29.69	158.76	-112.92	-83.82	129.67	84.01
109	75	203	6.73	14.80	-42.45	-13.57	-14.09	28.62	294.41	-112.45	-93.82	275.78	85.04
		194	7.34	21.10	-55.18	-9.63	-24.45	37.42	313.46	-105.44	-73.47	281.49	111.23
		195	5.99	18.10	-53.38	-6.14	-29.14	33.84	164.49	-125.16	-74.90	114.24	109.68
		204	5.05	12.46	-43.44	-10.73	-20.26	27.54	147.10	-113.95	-85.58	118.72	81.25
110	10	204	11.71	8.87	-120.60	-13.92	-97.81	-49.31	-188.26	-480.11	-188.83	-479.55	-12.81
		195	11.37	-2.33	-125.52	-20.70	-107.14	-43.89	-170.41	-456.33	-171.25	-455.49	15.48
		196	13.99	1.32	-129.60	-18.83	-109.44	-47.25	-170.87	-630.62	-171.60	-629.89	18.29
		205	14.19	10.98	-124.11	-11.88	-101.25	-50.65	-179.55	-646.95	-179.66	-646.83	-7.40
110	42	204	6.15	-5.20	-75.85	-12.57	-68.49	-21.59	-138.44	-236.25	-143.49	-231.20	21.66
		195	6.29	-11.13	-81.61	-14.94	-77.81	-15.93	-106.17	-241.64	-128.34	-219.47	50.12
		196	8.93	-7.69	-85.24	-12.83	-80.10	-19.28	-120.46	-402.72	-128.67	-394.51	47.44
		205	8.72	-2.70	-79.52	-10.29	-71.93	-22.92	-132.55	-400.85	-134.28	-399.12	21.48
110	74	204	5.75	-6.15	-72.56	-12.46	-66.25	-19.48	-132.60	-219.58	-140.02	-212.16	24.30
		195	5.94	-11.52	-78.54	-14.50	-75.57	-13.80	-98.09	-228.34	-125.05	-201.38	52.77
		196	8.57	-8.15	-82.08	-12.37	-77.87	-17.15	-115.91	-385.94	-125.38	-376.47	49.68
		205	8.32	-3.62	-76.24	-10.17	-69.70	-20.80	-128.57	-382.37	-130.80	-380.14	23.70
111	10	205	17.46	7.13	-129.96	-13.59	-109.24	-49.10	-224.33	-873.30	-224.35	-873.28	-3.56
		196	17.12	-2.92	-135.76	-20.92	-117.75	-45.47	-211.31	-841.09	-212.06	-840.35	21.69
		197	19.62	-3.64	-138.49	-24.04	-118.09	-48.32	-219.06	-1016.03	-219.66	-1015.43	21.82
		206	19.76	5.47	-131.69	-15.80	-110.42	-49.65	-223.18	-1034.41	-223.19	-1034.40	3.04
111	42	205	10.44	-4.25	-84.03	-11.30	-76.98	-22.65	-152.98	-510.54	-154.41	-509.11	22.55
		196	10.59	-9.26	-90.15	-13.93	-85.48	-18.87	-139.75	-503.54	-146.26	-497.03	48.22
		197	13.14	-9.52	-91.97	-15.68	-85.81	-21.68	-149.62	-675.49	-152.55	-672.56	39.17
		206	12.86	-4.81	-85.47	-12.12	-78.16	-23.16	-151.15	-671.44	-151.91	-670.68	19.79
111	74	205	9.92	-5.00	-80.64	-11.13	-74.52	-20.63	-147.25	-483.01	-149.05	-481.21	24.55
		196	10.11	-9.54	-86.88	-13.40	-83.02	-16.84	-133.72	-478.21	-141.22	-470.72	50.26
		197	12.66	-9.79	-88.60	-15.04	-83.35	-19.64	-144.14	-649.55	-147.41	-646.28	40.50
		206	12.34	-5.48	-82.06	-11.84	-75.70	-21.13	-145.55	-643.70	-146.44	-642.81	21.08
112	10	206	23.05	-0.02	-132.24	-18.02	-114.24	-45.34	-269.55	-1271.50	-269.55	-1271.49	1.56
		197	22.78	-10.68	-137.54	-26.20	-122.02	-41.56	-262.56	-1242.72	-263.00	-1242.28	20.86
		198	24.97	-9.31	-138.84	-27.27	-120.88	-44.76	-277.98	-1396.73	-278.01	-1396.69	6.42
		207	24.82	-1.76	-129.42	-17.17	-114.01	-41.59	-278.15	-1399.64	-278.16	-1399.63	3.14
112	42	206	14.57	-6.82	-87.83	-13.47	-81.18	-22.23	-172.69	-786.11	-173.10	-785.70	15.87
		197	14.80	-12.56	-93.40	-16.99	-88.97	-18.39	-169.86	-785.24	-171.89	-783.21	35.25
		198	16.98	-12.74	-94.04	-18.95	-87.83	-21.60	-186.25	-937.94	-186.36	-937.83	9.02
		207	16.39	-8.79	-85.69	-13.52	-80.96	-18.48	-181.11	-914.08	-181.15	-914.04	5.44
112	74	206	13.92	-7.25	-84.53	-13.12	-78.66	-20.46	-165.21	-748.98	-165.71	-748.48	16.97
		197	14.20	-12.55	-90.19	-16.29	-86.45	-16.63	-162.65	-750.30	-164.91	-748.04	36.36
		198	16.37	-12.89	-90.74	-18.32	-85.31	-19.83	-179.22	-902.79	-179.34	-902.67	9.22
		207	15.75	-9.21	-82.47	-13.24	-78.44	-16.72	-173.68	-876.89	-173.72	-876.84	5.62
113	14	209	12.80	188.05	-4.18	183.39	0.48	-29.56	231.50	-37.69	171.61	22.19	-111.95
		200	14.65	186.05	-4.25	181.14	0.66	-30.17	368.88	-101.12	225.05	42.71	-216.59
		199	10.98	98.02	-22.20	75.88	-0.06	-46.60	416.79	-78.52	76.75	261.52	-229.78
		208	7.97	107.74	-21.07	87.92	-1.25	-46.48	253.97	-4.84	43.67	205.46	-101.01
113	46	209	7.10	105.37	-2.68	103.23	-0.54	-15.07	124.46	-25.99	89.76	8.71	-63.38
		200	9.11	109.08	-2.17	107.11	-0.20	-14.67	251.86	-88.29	142.05	21.52	-159.04
		199	7.42	50.91	-12.31	38.53	0.07	-25.09	338.89	-74.78	20.09	244.02	-173.92
		208	4.78	56.67	-12.81	45.13	-1.27	-25.86	209.04	-24.52	-11.22	195.74	-54.13
113	78	209	6.66	99.06	-2.57	97.11	-0.62	-13.96	116.31	-25.06	83.58	7.68	-59.64
		200	8.69	103.21	-2.02	101.46	-0.27	-13.49	242.96	-87.27	135.79	19.90	-154.61
		199	7.17	47.31	-11.56	35.68	0.08	-23.44	333.30	-74.77	15.85	242.68	-169.62
		208	4.68	52.77	-12.18	41.86	-1.27	-24.28	206.50	-26.83	-15.33	195.00	-50.51
114	10	208	9.91	127.64	-41.95	83.89	1.79	-74.20	287.59	-17.07	18.79	251.73	-98.18
		199	12.32	120.14	-41.87	75.59	2.68	-72.34	416.89	-60.07	45.89	310.92	-198.27
		201	11.20	77.31	-69.34	10.99	-3.01	-72.99	424.73	-82.78	-49.97	391.92	-124.81
		210	10.44	90.65	-71.68	21.24	-2.28	-80.31	363.36	-86.82	-70.98	347.52	-82.95
114	47	208	6.17	10.10	-48.76	-33.57	-5.08	25.75	183.29	-128.97	-122.24	176.56	45.35
		199	5.55	13.98	-50.56	-32.58	-4.00	28.93	218.81	-102.37	-98.53	214.97	-34.93
		201	7.89	20.73	-57.96	-28.91	-8.32	37.98	305.86	-149.23	-147.14	303.76	30.79
		210	7.64	14.21	-47.78	-25.84	-7.73	29.64	286.44	-169.93	-163.76	280.27	52.71
114	79	208	5.85	8.68	-43.92	-30.35	-4.89	23.02	184.29	-123.74	-118.01	178.56	41.61
		199	5.32	12.45	-45.88	-29.60	-3.82	26.16	222.38	-99.08	-94.23	217.53	-39.21
		201	7.67	18.30	-54.30	-27.82	-8.17	34.94	307.69	-145.83	-144.25	306.11	26.70
		210	7.41	11.88	-44.02	-24.56	-7.58	26.63	287.45	-166.37	-160.98	282.06	49.15
115	15	210	11.69	49.60	-98.92	-39.52	-9.81	72.76	298.23	-217.94	-195.79	276.08	104.61
		201	11.88	56.62	-109.02	-41.04	-11.36	81.48	309.34	-193.22	-178.49	294.60	84.79

		202	11.98	64.14	-110.95	-26.57	-20.24	87.49	290.56	-161.67	-124.57	253.46	124.10
		211	10.84	55.80	-98.66	-26.40	-16.47	77.07	279.00	-161.52	-136.25	253.73	102.44
115	43	210	7.81	15.36	-48.88	-24.70	-8.82	31.13	301.97	-163.62	-155.41	293.76	61.28
		201	8.03	21.55	-59.66	-27.72	-10.39	39.67	321.62	-141.03	-137.77	318.37	38.67
		202	7.90	23.66	-65.53	-22.45	-19.41	44.57	289.25	-137.87	-123.76	275.14	76.35
		211	7.08	16.33	-52.55	-20.61	-15.61	34.35	277.37	-144.23	-136.26	269.40	57.44
115	75	210	7.56	12.84	-45.15	-23.56	-8.76	28.04	301.61	-160.58	-153.25	294.28	57.73
		201	7.78	18.95	-55.99	-26.71	-10.33	36.56	321.91	-138.24	-135.58	319.24	34.91
		202	7.63	20.64	-62.16	-22.16	-19.36	41.38	288.65	-136.93	-124.20	275.92	72.51
		211	6.85	13.39	-49.13	-20.19	-15.56	31.17	276.83	-143.77	-136.77	269.83	53.81
116	11	211	11.39	53.53	-87.97	-23.13	-11.31	70.50	413.07	-129.63	-107.34	390.79	107.69
		202	12.22	61.98	-99.74	-22.01	-15.75	80.80	421.22	-124.87	-95.22	391.57	123.75
		203	11.28	62.20	-101.51	-15.14	-24.18	81.73	311.18	-134.49	-93.91	270.60	128.21
		212	10.02	54.59	-90.81	-17.54	-18.68	72.70	299.66	-121.58	-98.77	276.85	95.33
116	43	211	7.53	15.09	-48.82	-19.25	-14.48	31.87	335.88	-133.11	-124.49	327.25	63.00
		202	8.16	22.41	-61.53	-20.19	-18.94	41.96	346.14	-125.09	-111.51	332.56	78.82
		203	6.96	21.78	-64.47	-15.31	-27.39	42.70	233.96	-129.23	-107.62	212.35	85.91
		212	5.88	15.23	-52.78	-15.69	-21.86	33.86	222.49	-121.85	-113.38	214.03	53.31
116	75	211	7.27	12.16	-45.83	-18.95	-14.72	28.92	330.20	-133.52	-125.74	322.42	59.57
		202	7.88	19.39	-58.62	-20.05	-19.18	39.00	340.61	-125.23	-112.70	328.08	75.38
		203	6.64	18.72	-61.67	-15.32	-27.63	39.72	228.21	-128.92	-108.63	207.92	82.67
		212	5.59	12.25	-49.90	-15.55	-22.11	30.90	216.82	-122.04	-114.47	209.25	50.09
117	11	212	10.90	51.94	-80.60	-15.80	-12.86	66.25	464.26	-79.88	-61.23	445.61	98.99
		203	11.75	60.17	-90.34	-11.28	-18.89	75.16	464.84	-88.53	-56.40	432.70	129.42
		204	10.22	58.39	-90.88	-7.67	-24.82	74.14	315.17	-90.44	-50.15	274.88	121.31
		213	9.17	51.69	-83.10	-12.89	-18.52	67.34	310.72	-70.19	-48.63	289.16	88.01
117	43	212	6.39	13.24	-48.53	-14.98	-20.31	30.77	301.31	-102.84	-94.30	292.76	58.14
		203	7.19	20.09	-59.86	-13.42	-26.35	39.45	307.65	-108.01	-87.95	287.60	89.08
		204	5.83	19.11	-61.04	-9.64	-32.28	38.44	160.65	-108.67	-78.82	130.80	84.55
		213	4.66	13.70	-51.57	-11.90	-25.97	31.87	148.68	-90.14	-78.80	137.34	50.80
117	75	212	6.06	10.32	-46.11	-14.92	-20.88	28.06	288.90	-104.66	-96.81	281.05	55.01
		203	6.86	17.07	-57.58	-13.59	-26.92	36.72	295.64	-109.50	-90.35	276.48	85.99
		204	5.51	16.21	-58.85	-9.79	-32.85	35.72	148.82	-110.07	-81.01	119.76	81.73
		213	4.34	10.89	-49.25	-11.83	-26.54	29.16	136.28	-91.68	-81.10	125.71	47.94
118	10	213	11.27	34.04	-98.68	-10.79	-53.85	-62.77	-200.31	-516.17	-208.03	-508.45	-48.77
		204	10.42	21.45	-100.12	-18.03	-60.64	-56.92	-199.08	-482.55	-199.80	-481.83	-14.21
		205	12.69	23.53	-102.75	-15.27	-63.95	-58.26	-186.95	-648.28	-187.08	-648.15	-7.63
		214	13.30	34.06	-99.43	-8.14	-57.23	-62.06	-187.64	-675.90	-190.70	-672.83	-38.57
118	42	213	5.88	6.91	-61.93	-11.10	-43.92	-30.25	-152.24	-246.58	-154.14	-244.68	-13.25
		204	5.44	-2.49	-62.85	-14.64	-50.70	-24.21	-143.81	-237.21	-148.75	-232.27	20.90
		205	7.89	0.07	-66.08	-12.01	-54.01	-25.55	-136.02	-401.38	-137.73	-399.67	21.26
		214	8.08	7.39	-63.28	-8.58	-47.31	-29.55	-138.21	-410.48	-138.53	-410.15	-9.39
118	74	213	5.48	4.92	-59.21	-11.12	-43.17	-27.77	-148.56	-225.92	-150.02	-224.46	-10.52
		204	5.09	-4.10	-60.22	-14.38	-49.94	-21.71	-137.48	-220.51	-144.84	-213.15	23.60
		205	7.55	-1.49	-63.52	-11.76	-53.25	-23.06	-131.74	-382.84	-133.95	-380.63	23.47
		214	7.70	5.47	-60.64	-8.62	-46.55	-27.07	-134.34	-390.22	-134.54	-390.02	-7.15
119	10	214	16.18	26.02	-97.23	-9.92	-61.28	-56.02	-237.68	-913.76	-239.48	-911.95	-34.87
		205	15.54	14.93	-100.79	-17.54	-68.31	-51.99	-231.72	-874.59	-231.75	-874.57	-3.68
		206	17.85	16.19	-102.41	-16.76	-69.45	-53.12	-225.82	-1034.62	-225.83	-1034.61	2.93
		215	18.28	25.58	-96.96	-8.67	-62.71	-54.99	-230.24	-1066.72	-230.68	-1066.28	-19.09
119	42	214	9.64	3.82	-63.89	-9.68	-50.40	-27.05	-161.09	-525.76	-161.29	-525.57	-8.44
		205	9.48	-3.54	-67.15	-13.26	-57.43	-22.89	-156.43	-511.04	-157.85	-509.62	22.37
		206	11.90	-2.36	-68.84	-12.63	-58.57	-24.03	-152.33	-671.35	-153.08	-670.61	19.65
		215	11.91	3.63	-64.04	-8.59	-51.82	-26.03	-153.64	-680.86	-153.64	-680.85	-2.16
119	77	214	9.12	-0.17	-57.42	-9.63	-47.96	-21.26	-156.24	-503.78	-156.51	-503.50	-9.79
		205	9.03	-6.39	-60.98	-12.39	-54.99	-17.07	-152.00	-490.01	-153.31	-488.70	20.97
		206	11.46	-5.25	-62.65	-11.77	-56.13	-18.21	-148.03	-650.38	-148.71	-649.71	18.40
		215	11.41	-0.22	-57.72	-8.56	-49.38	-20.24	-149.02	-658.83	-149.04	-658.81	-3.37
120	13	215	21.55	12.33	-84.29	-10.60	-61.36	-41.11	-284.38	-1337.52	-284.95	-1336.95	-24.48
		206	21.01	1.70	-87.62	-17.66	-68.25	-36.81	-276.41	-1293.23	-276.41	-1293.22	-2.74
		207	22.88	5.17	-89.15	-15.86	-68.12	-39.25	-282.42	-1421.09	-282.42	-1421.08	1.74
		216	23.15	10.92	-80.35	-7.81	-61.62	-36.86	-289.14	-1455.62	-289.14	-1455.62	-1.93
120	45	215	13.63	-1.54	-60.68	-9.80	-52.42	-20.50	-179.06	-811.25	-179.15	-811.16	-7.55
		206	13.59	-8.24	-64.42	-13.35	-59.31	-16.16	-175.98	-796.08	-176.28	-795.77	13.79
		207	15.48	-6.31	-65.74	-12.87	-59.18	-18.62	-183.14	-924.20	-183.17	-924.17	4.80
		216	15.31	-3.07	-58.01	-8.41	-52.67	-16.27	-184.24	-930.37	-184.24	-930.36	1.28
120	77	215	13.02	-2.47	-58.99	-9.74	-51.73	-18.91	-170.98	-770.96	-171.04	-770.89	-6.25
		206	13.03	-8.76	-62.88	-13.02	-58.62	-14.58	-168.23	-758.06	-168.61	-757.67	15.05
		207	14.92	-7.01	-64.13	-12.64	-58.49	-17.04	-175.54	-886.14	-175.57	-886.11	5.04
		216	14.71	-3.96	-56.48	-8.46	-51.99	-14.69	-176.20	-890.14	-176.20	-890.14	1.53
121	15	218	7.40	9.19	-71.90	-60.72	-2.00	27.96	22.84	-228.68	-165.91	-39.93	108.85
		209	5.75	14.23	-62.50	-47.12	-1.15	30.72	-19.82	-161.77	-142.45	-39.13	48.67
		208	7.13	19.23	-51.51	-32.45	0.17	31.39	172.54	-174.33	-163.62	161.83	60.01
		217	9.23	12.16	-58.53	-45.34	-1.03	27.54	234.60	-237.87	-184.01	180.74	150.16
121	47	218	3.74	5.38	-24.14	-17.02	-1.74	12.63	35.27	-139.28	-81.62	-22.39	82.10
		209	1.94	11.16	-19.06	-6.91	-0.99	14.82	-16.81	-62.24	-58.54	-20.52	12.43
		208	4.53	7.23	-20.03	-12.59	-0.21	12.14	177.03	-110.18	-108.46	175.31	22.14

		217	6.37	2.52	-23.67	-19.88	-1.27	9.21	233.85	-170.03	-129.24	193.05	121.71
121	79	218	3.49	5.22	-20.62	-13.68	-1.72	11.46	36.35	-132.64	-75.25	-21.04	80.03
		209	1.67	11.27	-16.09	-3.84	-0.98	13.60	-16.49	-54.80	-52.20	-19.09	9.63
		208	4.36	6.31	-17.63	-11.07	-0.24	10.67	177.65	-105.63	-104.32	176.34	19.22
		217	6.16	1.81	-21.03	-17.94	-1.28	7.81	233.79	-164.92	-125.13	193.99	119.51
122	15	217	11.35	43.04	-90.14	-40.86	-6.24	64.30	213.36	-252.77	-200.38	160.97	147.23
		208	9.65	48.49	-89.79	-36.12	-5.18	67.38	160.35	-196.60	-179.86	143.61	75.47
		210	11.02	50.20	-93.00	-34.88	-7.91	70.32	270.85	-216.46	-198.86	253.25	90.93
		219	11.14	42.48	-87.25	-35.71	-9.06	63.48	304.07	-231.71	-211.80	284.16	101.34
122	47	217	7.26	16.02	-39.17	-18.44	-4.71	26.73	227.95	-178.35	-142.54	192.14	115.18
		208	5.57	20.79	-39.54	-15.07	-3.68	29.62	177.53	-126.97	-122.68	173.24	35.90
		210	7.56	17.76	-46.87	-22.53	-6.58	31.32	283.87	-168.09	-162.61	278.39	49.46
		219	7.96	10.79	-40.59	-22.10	-7.70	24.66	319.86	-185.14	-176.02	310.74	67.25
122	74	217	6.90	49.35	-30.48	20.94	-2.07	-38.22	257.51	-61.53	-51.12	247.10	56.68
		208	5.06	47.86	-27.09	21.86	-1.09	-35.68	230.32	-37.04	-32.12	225.40	-35.94
		210	6.79	33.51	-38.93	-1.11	-4.31	-36.18	324.13	-107.91	-106.41	322.64	-25.34
		219	7.79	40.75	-44.57	1.56	-5.39	-42.52	357.69	-120.92	-120.86	357.63	5.52
123	14	219	10.53	100.10	-89.46	13.17	-2.54	-94.45	364.49	-79.87	-78.03	362.65	-28.56
		210	10.41	92.27	-83.86	10.10	-1.70	-87.87	333.59	-75.13	-67.02	325.48	-57.00
		211	10.90	81.16	-92.68	-2.88	-8.64	-86.87	306.17	-159.51	-148.49	295.16	-70.77
		220	11.96	91.78	-98.31	2.08	-8.61	-94.90	336.40	-163.50	-147.51	320.41	-87.97
123	46	219	7.96	48.09	-52.94	0.87	-5.72	-50.41	346.50	-111.95	-111.81	346.36	7.99
		210	6.85	40.67	-46.82	-1.29	-4.86	-43.71	311.86	-101.47	-100.77	311.16	-17.01
		211	7.00	31.43	-52.93	-9.76	-11.74	-42.17	285.38	-146.51	-144.97	283.83	-25.77
		220	7.93	41.66	-59.14	-5.76	-11.72	-50.31	311.95	-148.25	-143.54	307.24	-46.32
123	78	219	7.83	44.12	-50.15	-0.07	-5.96	-47.04	345.43	-114.54	-114.29	345.18	10.80
		210	6.65	36.73	-43.99	-2.16	-5.10	-40.33	310.61	-103.71	-103.24	310.14	-13.94
		211	6.77	27.63	-49.90	-10.29	-11.98	-38.75	284.20	-145.92	-144.75	283.04	-22.33
		220	7.67	37.83	-56.15	-6.36	-11.96	-46.91	310.40	-147.40	-143.29	306.30	-43.14
124	11	220	10.77	45.05	-97.01	-26.44	-25.52	71.02	427.37	-116.77	-103.64	414.24	83.50
		211	11.64	53.60	-105.59	-26.01	-25.98	79.59	412.30	-128.03	-106.39	390.67	105.93
		212	10.51	55.29	-108.65	-20.16	-33.19	81.71	301.44	-120.58	-97.13	277.99	96.68
		221	9.08	48.49	-100.05	-20.33	-31.23	74.07	295.40	-95.59	-86.42	286.23	59.15
124	43	220	7.06	8.62	-49.08	-19.60	-20.86	28.84	352.99	-125.20	-121.80	349.59	40.20
		211	7.60	16.16	-58.33	-20.82	-21.34	37.24	335.61	-132.64	-124.17	327.13	62.43
		212	6.10	16.72	-62.41	-17.12	-28.58	39.15	223.38	-121.33	-112.66	214.72	53.98
		221	5.58	11.01	-53.27	-15.66	-26.60	31.67	222.68	-103.15	-102.29	221.83	16.66
124	75	220	6.84	5.84	-45.42	-19.08	-20.51	25.62	347.55	-126.03	-123.14	344.66	36.88
		211	7.34	13.31	-54.72	-20.42	-20.99	34.01	329.96	-133.14	-125.48	322.30	59.10
		212	5.79	13.80	-58.90	-16.88	-28.22	35.90	217.65	-121.58	-113.82	209.90	50.70
		221	5.43	8.18	-49.73	-15.30	-26.25	28.44	217.48	-104.04	-103.48	216.92	13.40
125	11	221	9.79	39.03	-95.94	-20.43	-36.47	67.01	478.64	-55.30	-47.12	470.46	65.58
		212	10.79	46.97	-103.86	-17.93	-38.96	74.68	465.83	-78.01	-58.84	446.66	100.31
		213	9.38	48.80	-106.22	-12.98	-44.44	75.90	312.09	-68.23	-46.21	290.07	88.82
		222	8.18	42.74	-99.27	-15.93	-40.60	69.93	313.34	-41.51	-33.16	304.99	53.78
125	43	221	6.63	6.12	-52.25	-16.00	-30.13	28.32	310.05	-84.61	-83.23	308.66	23.38
		212	6.54	12.34	-61.11	-16.14	-32.63	35.79	302.08	-101.98	-93.24	293.35	58.75
		213	4.89	14.07	-64.27	-12.08	-38.12	36.94	149.35	-89.12	-77.65	137.87	51.04
		222	4.68	9.71	-56.36	-12.39	-34.26	31.17	145.44	-67.39	-66.27	144.32	15.41
125	75	221	6.42	3.66	-48.97	-15.66	-29.65	25.37	297.33	-87.03	-85.98	296.27	20.14
		212	6.33	9.72	-57.87	-16.00	-32.15	32.82	289.62	-103.87	-95.86	281.61	55.56
		213	4.57	11.48	-61.13	-12.02	-37.63	33.97	136.90	-90.73	-80.05	126.21	48.15
		222	4.44	7.27	-53.17	-12.12	-33.78	28.21	132.78	-69.57	-68.80	132.01	12.47
126	10	222	11.42	61.96	-80.44	-2.94	-15.55	-70.92	-186.77	-558.77	-208.40	-537.14	-87.05
		213	10.25	50.15	-81.61	-11.59	-19.87	-65.75	-202.52	-517.17	-210.72	-508.98	-50.11
		214	12.03	49.54	-81.42	-8.77	-23.11	-65.09	-189.91	-676.58	-193.17	-673.32	-39.70
		223	12.94	59.86	-78.40	-0.57	-17.96	-68.58	-183.19	-715.19	-192.91	-705.47	-71.25
126	42	222	6.22	22.04	-51.94	-6.51	-23.40	-36.01	-130.18	-277.91	-150.12	-257.98	-50.48
		213	5.33	12.05	-51.33	-11.58	-27.71	-30.65	-153.30	-246.99	-155.45	-244.84	-14.03
		214	7.37	11.99	-51.90	-8.97	-30.94	-30.00	-139.32	-410.70	-139.69	-410.32	-10.07
		223	7.93	20.30	-50.42	-4.32	-25.81	-33.69	-130.70	-433.19	-136.44	-427.46	-41.25
126	74	222	5.83	19.06	-49.83	-6.78	-23.99	-33.35	-125.24	-256.99	-145.66	-236.58	-47.67
		213	4.97	9.25	-49.14	-11.58	-28.30	-27.97	-149.53	-226.29	-151.22	-224.60	-11.26
		214	7.04	9.29	-49.82	-8.99	-31.54	-27.32	-135.35	-390.40	-135.59	-390.16	-7.80
		223	7.56	17.38	-48.39	-4.60	-26.41	-31.02	-126.68	-411.58	-132.11	-406.15	-38.95
127	13	223	15.51	40.89	-64.42	-3.13	-20.40	-51.94	-241.10	-982.13	-249.00	-974.22	-76.11
		214	14.63	30.56	-66.92	-10.51	-25.85	-48.13	-242.17	-932.61	-244.94	-929.84	-43.68
		215	16.73	31.10	-66.25	-7.95	-27.20	-47.71	-234.12	-1084.65	-234.93	-1083.84	-26.25
		224	17.43	39.77	-61.79	-0.59	-21.43	-49.70	-239.45	-1134.04	-242.06	-1131.42	-48.34
127	45	223	9.35	11.51	-45.36	-5.80	-28.04	-26.17	-158.47	-561.03	-163.46	-556.04	-44.51
		214	8.89	3.40	-46.91	-10.03	-33.49	-22.25	-163.43	-534.38	-163.87	-533.95	-12.74
		215	11.15	4.01	-47.14	-8.29	-34.84	-21.86	-155.59	-689.16	-155.65	-689.10	-5.60
		224	11.45	10.41	-43.60	-4.13	-29.06	-23.96	-157.02	-715.74	-158.35	-714.42	-27.22
127	77	223	8.88	9.38	-44.02	-6.01	-28.63	-24.19	-152.14	-528.77	-156.90	-524.01	-42.09
		214	8.46	1.54	-45.60	-9.99	-34.07	-20.26	-157.35	-503.93	-157.66	-503.62	-10.37
		215	10.73	2.18	-45.93	-8.32	-35.43	-19.87	-149.54	-658.89	-149.57	-658.86	-4.02
		224	11.00	8.32	-42.37	-4.41	-29.65	-21.98	-150.70	-683.70	-151.93	-682.47	-25.60

128	13	224	20.82	31.87	-56.54	-2.37	-22.31	-43.06	-295.62	-1401.87	-297.68	-1399.80	-47.76
		215	19.93	20.64	-58.90	-10.04	-28.22	-38.72	-285.63	-1337.76	-286.26	-1337.13	-25.73
		216	21.59	23.75	-60.02	-7.71	-28.55	-40.57	-289.14	-1455.60	-289.14	-1455.60	-1.92
128	45	225	22.34	28.73	-51.39	-0.15	-22.51	-38.47	-302.82	-1524.08	-302.85	-1524.05	-5.82
		224	13.20	7.19	-43.08	-5.26	-30.63	-21.70	-183.70	-844.47	-185.03	-843.14	-29.56
		215	12.82	-1.11	-45.01	-9.57	-36.54	-17.32	-179.65	-811.30	-179.76	-811.19	-8.21
128	77	216	14.56	1.31	-46.51	-8.32	-36.88	-19.18	-184.23	-930.35	-184.24	-930.35	1.29
		225	14.85	4.25	-39.19	-4.11	-30.83	-17.12	-191.81	-968.11	-191.82	-968.10	-2.20
		224	12.62	5.47	-42.22	-5.48	-31.27	-20.06	-175.13	-801.78	-176.40	-800.51	-28.17
129	15	215	12.28	-2.46	-44.26	-9.53	-37.18	-15.67	-171.53	-770.99	-171.60	-770.91	-6.87
		216	14.03	-0.14	-45.74	-8.37	-37.52	-17.53	-176.20	-890.12	-176.20	-890.12	1.54
		225	14.27	2.62	-38.50	-4.42	-31.47	-15.48	-183.31	-925.53	-183.31	-925.52	-1.92
129	46	227	7.45	33.30	-30.65	3.22	-0.57	31.92	82.18	-278.42	-159.24	-37.00	169.62
		218	5.40	39.53	-28.27	10.21	1.05	33.59	-4.84	-206.15	-157.46	-53.53	86.21
		217	7.54	23.55	-31.63	-8.30	0.22	27.26	218.70	-216.02	-173.08	175.77	129.69
129	78	226	10.56	17.36	-32.71	-15.31	-0.04	23.84	365.93	-293.49	-193.00	265.45	236.99
		227	5.32	30.43	-10.45	22.58	-2.60	-16.10	194.18	-110.88	66.76	16.54	150.45
		218	2.39	33.90	-7.26	27.68	-1.03	-14.74	86.35	-12.28	67.68	6.39	38.64
129	88	217	5.54	24.92	-18.74	8.08	-1.90	-21.25	243.12	-57.27	-35.26	221.11	78.28
		226	9.28	24.84	-24.18	2.76	-2.11	-24.39	403.54	-155.71	-56.27	304.10	213.83
		227	5.23	29.00	-9.49	22.05	-2.55	-14.80	190.55	-114.82	60.64	15.09	150.98
130	10	218	2.28	32.58	-6.35	27.21	-0.98	-13.43	82.19	-15.83	61.59	4.77	39.93
		217	5.49	23.39	-17.59	7.64	-1.84	-19.94	242.44	-61.54	-38.98	219.88	79.68
		226	9.20	23.30	-23.07	2.27	-2.05	-23.08	402.50	-159.41	-59.96	303.05	214.46
130	42	226	13.13	82.20	-80.72	4.84	-3.35	-81.36	480.58	-69.98	-19.54	430.14	158.83
		217	8.93	82.53	-71.89	11.39	-0.75	-76.97	283.94	-12.24	-7.21	278.91	38.26
		219	9.72	80.99	-78.09	7.40	-4.49	-79.32	389.66	-102.99	-102.05	388.72	-21.56
130	74	228	11.97	85.75	-87.17	6.30	-7.72	-86.17	527.91	-111.20	-111.17	527.88	-4.53
		226	10.48	41.75	-45.80	0.04	-4.09	-43.72	436.99	-126.17	-67.11	377.94	172.54
		217	6.66	41.94	-37.21	6.23	-1.50	-39.39	256.01	-64.06	-51.64	243.59	61.80
130	88	219	7.81	38.72	-46.01	-1.96	-5.32	-42.33	361.63	-124.88	-124.66	361.41	10.26
		228	9.96	43.57	-54.90	-2.78	-8.55	-49.15	484.44	-134.33	-133.81	483.91	17.98
		226	10.28	38.66	-43.13	-0.32	-4.15	-40.85	433.68	-130.47	-70.73	373.94	173.60
131	10	217	6.49	38.85	-34.57	5.84	-1.56	-36.52	253.99	-68.10	-55.01	240.89	63.61
		219	7.69	35.50	-43.56	-2.68	-5.39	-39.51	359.66	-126.67	-126.34	359.32	12.71
		228	9.82	40.35	-52.44	-3.47	-8.61	-46.32	481.18	-136.13	-135.49	480.55	19.72
131	42	228	11.75	97.72	-95.33	4.33	-1.94	-96.47	482.20	-99.44	-99.03	481.79	-15.43
		219	10.29	92.67	-85.71	4.52	2.44	-89.19	350.86	-102.78	-101.79	349.86	-21.21
		220	11.57	88.37	-89.36	2.96	-3.95	-88.80	329.09	-167.51	-151.26	312.84	-88.35
131	74	229	13.13	95.44	-95.48	7.26	-7.30	-95.18	411.59	-155.67	-125.58	381.50	-127.13
		228	9.64	48.46	-59.74	-3.99	-7.29	-54.07	459.24	-121.74	-121.28	458.78	16.23
		219	7.61	43.53	-49.99	-3.55	-2.91	-46.76	339.20	-124.28	-123.97	338.90	11.93
131	88	220	7.77	38.98	-53.96	-5.68	-9.30	-46.44	309.66	-150.12	-145.49	305.03	-45.91
		229	9.06	45.98	-60.29	-1.66	-12.66	-52.85	376.66	-135.18	-120.26	361.74	-86.10
		228	9.52	44.70	-57.03	-4.63	-7.69	-50.84	457.65	-123.52	-122.93	457.05	18.66
132	14	219	7.50	39.78	-47.26	-4.17	-3.32	-43.52	338.56	-126.06	-125.60	338.10	14.47
		220	7.52	35.21	-51.26	-6.34	-9.71	-43.20	308.49	-149.12	-145.11	304.48	-42.67
		229	8.77	42.20	-57.61	-2.34	-13.07	-49.62	374.19	-133.85	-119.92	360.25	-82.97
132	43	229	12.09	98.98	-85.52	7.55	5.91	-92.24	261.77	-175.78	-140.00	225.99	-119.90
		220	10.66	91.10	-80.72	1.36	9.02	-85.83	194.89	-183.77	-165.92	177.03	-80.26
		221	10.31	84.31	-83.46	-2.28	3.13	-83.84	98.36	-179.08	-132.57	51.86	-103.63
132	75	230	11.67	92.61	-84.64	5.38	2.59	-88.62	148.11	-189.07	-102.72	61.76	-147.17
		229	7.98	-2.05	-48.45	-19.33	-31.17	22.43	397.53	-97.44	-97.36	397.45	6.08
		220	7.25	5.02	-53.99	-20.94	-28.03	29.29	353.88	-126.56	-123.14	350.46	40.41
132	88	221	5.94	8.21	-58.33	-16.29	-33.83	32.09	223.30	-107.15	-106.23	222.39	17.33
		230	6.13	4.68	-52.82	-13.72	-34.42	26.82	231.71	-78.26	-76.85	230.29	-20.90
		229	7.85	-4.20	-44.59	-18.60	-30.18	19.35	392.57	-98.70	-98.69	392.55	2.61
133	11	220	7.12	2.73	-50.10	-20.34	-27.03	26.20	348.42	-127.37	-124.47	345.51	37.08
		221	5.77	5.81	-54.57	-15.91	-32.84	28.98	218.13	-107.67	-107.07	217.53	13.99
		230	5.96	2.47	-49.10	-13.20	-33.43	23.72	227.43	-79.62	-77.68	225.48	-24.38
133	43	230	11.34	21.31	-108.00	-23.69	-63.00	61.60	506.34	-31.05	-29.53	504.81	28.59
		221	10.87	28.23	-112.58	-21.51	-62.85	67.30	478.42	-64.09	-55.62	469.96	67.24
		222	9.14	34.17	-115.88	-14.86	-66.85	70.38	312.18	-46.69	-38.68	304.17	53.01
133	75	231	9.37	29.05	-111.06	-17.39	-64.62	65.96	323.61	-19.30	-18.19	322.50	19.50
		230	7.58	-1.69	-56.77	-15.73	-42.73	24.00	332.13	-61.04	-60.49	331.58	-14.71
		221	7.27	2.57	-61.83	-16.66	-42.59	29.47	310.18	-88.78	-87.33	308.74	23.98
133	88	222	5.31	7.42	-66.04	-12.01	-46.61	32.40	145.12	-69.83	-68.80	144.08	14.86
		231	5.41	4.73	-60.57	-11.48	-44.36	28.21	152.16	-49.72	-47.98	150.43	-18.64
		230	7.30	-3.32	-52.98	-15.12	-41.18	21.13	319.16	-63.71	-62.86	318.31	-18.03
134	13	221	7.01	0.66	-58.00	-16.29	-41.05	26.59	297.49	-90.85	-89.75	296.39	20.67
		222	5.02	5.44	-62.30	-11.79	-45.07	29.50	132.52	-71.80	-71.10	131.82	11.94
		231	5.11	2.98	-56.82	-11.03	-42.81	25.33	139.69	-52.72	-50.27	137.24	-21.57
134	45	231	11.28	71.45	-54.21	3.67	13.57	-62.64	-150.95	-618.48	-190.34	-579.08	-129.87
		222	10.12	62.17	-56.86	-5.60	10.91	-58.94	-178.73	-573.80	-203.98	-548.56	-96.63
		223	11.56	59.76	-54.12	-3.02	8.66	-56.64	-181.17	-730.13	-193.29	-718.01	-80.66
134	88	232	12.51	68.60	-50.21	5.58	12.82	-59.29	-169.43	-776.04	-188.89	-756.58	-106.89
		231	6.53	28.47	-38.34	-1.82	-8.05	-33.26	-89.78	-320.47	-131.39	-278.86	-88.70

		222	5.57	20.15	-38.68	-7.84	-10.69	-29.38	-125.83	-285.39	-148.00	-263.22	-55.18
		223	7.24	18.10	-36.60	-5.55	-12.95	-27.10	-129.70	-440.30	-136.62	-433.38	-45.85
		232	7.93	25.76	-34.72	-0.16	-8.80	-29.93	-113.94	-472.37	-129.24	-457.07	-72.47
134	77	231	6.17	25.25	-37.20	-2.24	-9.71	-31.00	-84.23	-298.51	-126.87	-255.86	-85.55
		222	5.23	17.02	-37.38	-8.02	-12.35	-27.11	-121.19	-263.87	-143.71	-241.36	-52.01
		223	6.92	15.05	-35.40	-5.74	-14.61	-24.83	-125.75	-418.09	-132.28	-411.57	-43.19
		232	7.58	22.58	-33.64	-0.60	-10.46	-27.68	-109.64	-449.15	-124.67	-434.12	-69.84
135	13	232	15.10	64.52	-43.19	5.07	16.26	-53.57	-233.68	-1038.61	-247.83	-1024.46	-105.79
		223	14.06	55.18	-47.24	-3.90	11.84	-50.60	-239.99	-982.17	-248.07	-974.08	-77.04
		224	16.29	54.70	-43.78	4.53e-03	10.91	-48.94	-238.98	-1134.44	-241.78	-1131.64	-49.98
		233	17.19	63.02	-38.43	8.48	16.11	-50.58	-245.63	-1198.02	-250.71	-1192.95	-69.34
135	45	232	9.28	23.27	-32.19	-0.71	-8.21	-27.47	-146.11	-596.48	-158.36	-584.22	-73.26
		223	8.61	15.18	-34.03	-6.23	-12.63	-24.39	-157.93	-561.09	-163.04	-555.97	-45.11
		224	10.70	14.57	-32.01	-3.89	-13.55	-22.78	-156.83	-716.02	-158.25	-714.61	-28.09
		233	11.24	21.38	-28.61	1.13	-8.36	-24.54	-159.05	-757.53	-162.77	-753.81	-47.04
135	77	232	8.84	20.24	-31.48	-1.15	-10.09	-25.47	-139.32	-562.68	-151.50	-550.50	-70.78
		223	8.20	12.29	-33.20	-6.41	-14.51	-22.38	-151.63	-528.83	-156.52	-523.94	-42.67
		224	10.31	11.71	-31.33	-4.19	-15.43	-20.77	-150.54	-683.97	-151.85	-682.66	-26.42
		233	10.82	18.34	-28.02	0.56	-10.24	-22.54	-152.41	-723.79	-156.03	-720.17	-45.34
136	13	233	21.12	56.06	-32.06	7.07	16.93	-43.79	-307.68	-1486.33	-311.77	-1482.24	-69.32
		224	19.88	45.30	-35.45	-1.76	11.61	-39.82	-295.26	-1402.17	-297.47	-1399.97	-49.39
		225	21.79	47.23	-35.95	-0.08	11.35	-41.20	-302.83	-1524.13	-302.85	-1524.10	-5.81
		234	23.31	51.87	-26.68	8.02	17.17	-39.01	-323.74	-1627.59	-323.81	-1627.52	-9.53
136	45	233	13.04	18.17	-27.08	0.19	-9.10	-22.14	-189.02	-895.52	-192.53	-892.01	-49.68
		224	12.37	9.02	-28.45	-5.01	-14.42	-18.13	-183.56	-844.73	-184.96	-843.33	-30.42
		225	14.08	10.88	-29.59	-4.04	-14.67	-19.52	-191.82	-968.17	-191.82	-968.16	-2.18
		234	14.81	13.76	-22.20	0.41	-8.85	-17.37	-206.04	-1038.04	-206.08	-1038.01	-5.53
136	77	233	12.48	15.46	-26.90	-0.34	-11.10	-20.48	-179.92	-850.29	-183.40	-846.80	-48.18
		224	11.85	6.55	-28.23	-5.26	-16.42	-16.47	-175.00	-802.03	-176.35	-800.69	-28.97
		225	13.58	8.38	-29.40	-4.34	-16.67	-17.86	-183.32	-925.58	-183.32	-925.58	-1.91
		234	14.27	11.08	-22.11	-0.17	-10.85	-15.71	-197.03	-992.89	-197.06	-992.85	-5.23
137	14	236	15.34	12.61	-76.07	-52.75	-10.70	-39.04	629.98	-244.27	142.96	242.75	434.27
		227	8.69	21.73	-63.37	-42.20	0.56	-36.79	234.85	-137.49	119.96	-22.61	171.98
		226	11.42	26.05	-52.24	-19.82	-6.37	-38.56	488.64	-163.09	-42.42	367.96	253.15
		235	16.87	29.64	-66.93	-35.18	-2.12	-45.36	777.75	-274.86	-83.90	586.78	405.64
137	46	236	12.23	4.80	-33.89	-19.96	-9.13	-18.57	524.91	-275.40	72.02	177.49	396.67
		227	5.78	13.23	-22.91	-11.74	2.07	-16.70	163.68	-160.47	55.52	-52.31	152.84
		226	10.11	13.90	-30.61	-11.26	-5.45	-22.06	464.20	-181.87	-68.80	351.12	245.49
		235	15.05	17.96	-43.83	-24.72	-1.14	-28.56	715.21	-296.96	-118.48	536.73	385.75
137	78	236	12.00	4.29	-30.76	-17.46	-9.01	-17.01	516.87	-277.81	66.58	172.49	393.80
		227	5.57	12.62	-19.86	-9.42	2.18	-15.17	158.26	-162.26	50.58	-54.59	151.39
		226	10.02	12.97	-28.96	-10.61	-5.38	-20.80	462.37	-183.32	-70.79	349.84	244.94
		235	14.92	17.07	-42.07	-23.93	-1.07	-27.27	710.44	-298.65	-121.10	532.89	384.24
138	10	235	20.56	59.94	-119.41	-41.61	-17.87	-88.89	938.03	-159.55	-54.42	832.89	323.02
		226	12.71	63.44	-90.26	-23.62	-3.20	-76.17	447.93	-134.37	-72.89	386.44	178.95
		228	12.65	76.86	-83.35	6.57	-13.06	-79.50	547.47	-150.50	-150.28	547.26	12.29
		237	15.27	77.29	-94.55	3.29	-20.55	-85.09	779.46	-130.21	-128.67	777.92	-37.36
138	42	235	17.37	30.00	-74.13	-28.02	-16.11	-51.72	848.42	-194.98	-90.46	743.90	313.25
		226	9.71	32.42	-47.52	-13.59	-1.51	-39.51	394.10	-163.47	-101.13	331.76	175.71
		228	10.54	38.24	-53.54	-3.53	-11.77	-45.70	507.47	-149.30	-147.50	505.66	34.39
		237	12.95	39.99	-62.88	-3.68	-19.20	-50.85	699.68	-138.71	-137.14	698.11	-36.24
138	74	235	17.14	27.72	-70.68	-26.99	-15.97	-48.89	841.58	-197.71	-93.22	737.09	312.54
		226	9.49	30.05	-44.26	-12.83	-1.38	-36.71	390.02	-165.72	-103.28	327.58	175.51
		228	10.39	35.30	-51.27	-4.30	-11.67	-43.13	504.47	-149.30	-147.30	502.47	36.08
		237	12.79	37.15	-60.46	-4.22	-19.10	-48.24	693.58	-139.35	-137.78	692.01	-36.10
139	10	237	14.90	89.53	-86.42	5.40	-2.29	-87.89	728.98	-114.11	-107.55	722.42	-74.09
		228	11.59	86.94	-73.21	4.22	9.52	-80.03	471.39	-170.94	-170.50	470.95	-16.84
		229	12.21	83.50	-76.42	4.63	2.45	-79.96	424.49	-113.66	-79.48	390.31	-131.25
		238	14.19	87.04	-78.30	12.60	-3.85	-82.26	557.91	-85.84	-13.71	485.78	-203.05
139	42	237	12.00	44.88	-61.46	-3.77	-12.81	-52.98	672.03	-103.86	-102.18	670.35	-36.07
		228	9.19	42.48	-47.63	-4.16	-0.99	-45.02	450.73	-160.92	-160.57	450.38	14.60
		229	8.70	39.21	-50.73	-3.46	-8.05	-44.91	386.53	-112.54	-96.67	370.66	-87.57
		238	10.03	42.84	-53.50	3.70	-14.37	-47.32	479.52	-80.30	-35.17	434.39	-152.41
139	74	237	11.91	41.48	-59.56	-4.47	-13.61	-50.31	667.80	-103.24	-101.81	666.37	-33.17
		228	9.10	39.08	-45.68	-4.80	-1.80	-42.35	449.31	-160.31	-159.84	448.83	17.00
		229	8.45	35.84	-48.77	-4.08	-8.86	-42.24	383.90	-112.68	-97.96	369.18	-84.22
		238	9.73	39.49	-51.64	3.02	-15.17	-44.65	473.67	-80.01	-36.80	430.46	-148.52
140	14	238	12.71	99.70	-59.82	17.38	22.50	-79.72	339.72	-151.80	-71.30	259.22	-181.90
		229	11.60	95.58	-59.61	7.01	28.96	-76.82	270.38	-169.93	-126.85	227.31	-130.81
		230	10.64	87.51	-62.14	0.05	25.32	-73.75	155.14	-173.38	-84.92	66.68	-145.73
		239	11.48	92.57	-57.70	10.65	24.23	-74.83	192.71	-190.03	-44.20	46.87	-185.87
140	43	238	9.49	-11.84	-53.60	-17.45	-48.00	14.24	465.24	-46.99	-44.42	462.67	-36.19
		229	8.48	-9.35	-51.51	-19.40	-41.46	17.97	397.98	-106.62	-106.49	397.85	8.08
		230	6.55	-0.49	-56.31	-11.84	-44.96	22.47	231.51	-84.68	-83.17	230.01	-21.74
		239	6.80	-0.28	-55.36	-9.51	-46.13	20.58	253.51	-47.38	-36.81	242.93	-55.41
140	75	238	9.32	-12.43	-50.18	-16.51	-46.10	11.71	460.05	-48.48	-45.28	456.86	-40.19
		229	8.32	-10.50	-47.75	-18.69	-39.56	15.43	393.02	-107.19	-107.16	392.98	4.26

		230	6.36	-1.92	-52.68	-11.52	-43.07	19.88	227.39	-85.35	-83.31	225.35	-25.15
		239	6.60	-1.40	-51.82	-8.97	-44.24	18.02	249.48	-49.25	-37.11	237.33	-58.99
141	11	239	13.08	4.21	-121.98	-22.70	-95.07	51.69	533.92	3.03	3.16	533.79	-8.37
		230	12.72	8.60	-122.74	-20.13	-94.01	54.30	503.21	-46.69	-45.41	501.94	26.40
		231	10.60	18.87	-125.76	-11.41	-95.47	58.85	319.98	-34.21	-33.35	319.12	17.48
		240	10.63	14.80	-122.78	-14.73	-93.24	56.49	334.16	0.58	0.78	333.96	-8.16
141	43	239	8.55	-5.99	-65.52	-13.02	-58.49	19.22	356.22	-28.58	-21.65	349.29	-51.17
		230	8.31	-5.24	-66.34	-14.14	-57.44	21.55	331.24	-68.44	-67.78	330.58	-16.21
		231	6.05	2.16	-69.87	-8.77	-58.93	25.85	150.79	-56.82	-54.93	148.90	-19.74
		240	6.01	1.32	-66.42	-8.42	-56.67	23.77	161.80	-34.40	-23.23	150.63	-45.46
141	75	239	8.20	-6.58	-61.40	-12.29	-55.70	16.74	343.24	-31.64	-23.56	335.15	-54.45
		230	7.98	-6.19	-62.14	-13.68	-54.65	19.05	318.43	-70.48	-69.50	317.45	-19.48
		231	5.70	0.96	-65.67	-8.57	-56.14	23.33	138.48	-59.20	-56.58	135.86	-22.59
		240	5.66	0.40	-62.22	-7.94	-53.88	21.27	149.92	-38.42	-25.07	136.58	-48.32
142	11	240	13.93	5.73	-137.74	-19.23	-112.79	54.38	540.40	45.38	45.63	540.14	-11.19
		231	13.83	11.06	-140.78	-14.46	-115.26	56.78	517.32	10.02	10.65	516.70	17.75
		232	11.47	14.25	-143.53	-13.45	-115.83	60.03	337.62	18.39	19.02	336.99	14.20
		241	11.41	8.74	-139.28	-18.94	-111.60	57.72	352.02	40.85	41.01	351.86	-7.18
142	45	240	6.66	37.55	-24.76	2.91	9.88	-30.96	-46.61	-352.01	-97.44	-301.17	-113.76
		231	5.83	31.43	-28.07	-4.01	7.38	-29.20	-82.91	-317.03	-123.00	-276.94	-88.19
		232	7.07	28.53	-24.12	-2.40	6.81	-25.92	-109.40	-470.34	-123.95	-455.79	-71.00
		241	7.75	35.28	-20.38	3.83	11.07	-27.59	-91.79	-508.37	-111.58	-488.58	-88.62
142	77	240	6.34	33.63	-24.33	2.38	6.93	-28.89	-41.26	-329.01	-93.34	-276.94	-110.78
		231	5.52	27.54	-27.38	-4.26	4.42	-27.12	-78.02	-295.23	-119.17	-254.08	-85.11
		232	6.79	24.66	-23.46	-2.66	3.85	-23.84	-105.51	-447.29	-119.84	-432.95	-68.52
		241	7.45	31.34	-19.94	3.28	8.11	-25.53	-87.46	-484.10	-107.19	-464.37	-86.25
143	13	241	17.30	91.06	-22.39	11.70	56.97	-52.02	-211.70	-1086.40	-228.16	-1069.93	-118.88
		232	16.54	83.21	-29.61	1.10	52.50	-50.21	-223.34	-1035.17	-236.52	-1022.00	-102.56
		233	18.94	82.67	-23.04	7.14	52.49	-47.75	-247.08	-1198.99	-252.37	-1193.70	-70.79
		242	19.92	90.34	-15.38	17.19	57.77	-48.81	-252.52	-1263.30	-258.84	-1256.98	-79.68
143	45	241	9.03	35.83	-18.38	3.89	13.55	-26.67	-124.72	-629.86	-141.28	-613.30	-89.96
		232	8.40	28.64	-22.20	-2.66	9.09	-24.73	-141.44	-594.80	-153.14	-583.10	-71.88
		233	10.77	27.53	-18.01	0.45	9.08	-22.36	-159.96	-758.26	-163.83	-754.39	-47.94
		242	11.58	34.27	-13.53	6.38	14.36	-23.56	-161.30	-805.34	-166.71	-799.93	-58.75
143	77	241	8.63	31.72	-18.21	3.29	10.22	-24.72	-117.90	-595.04	-134.63	-578.32	-87.75
		232	8.02	24.59	-21.78	-2.94	5.76	-22.78	-135.08	-561.15	-146.75	-549.48	-69.53
		233	10.14	23.45	-17.78	-0.07	5.74	-20.41	-153.29	-724.50	-157.05	-720.74	-46.19
		242	10.94	30.08	-13.51	5.55	11.02	-21.62	-154.30	-770.27	-159.65	-764.92	-57.16
144	13	242	24.40	86.81	-10.03	16.33	60.44	-43.10	-322.00	-1585.37	-327.89	-1579.48	-86.06
		233	22.97	77.19	-16.30	5.86	55.04	-39.75	-309.22	-1487.57	-313.48	-1483.31	-70.68
		234	25.18	78.79	-15.47	8.07	55.25	-40.80	-323.76	-1627.74	-323.83	-1627.67	-9.51
		243	27.14	83.47	-4.70	17.53	61.24	-38.29	-351.62	-1764.24	-351.75	-1764.11	-13.78
144	45	242	13.68	32.18	-11.94	5.73	14.51	-21.62	-195.23	-958.63	-200.80	-953.06	-64.97
		233	12.66	23.17	-14.50	-0.43	9.10	-18.22	-189.99	-896.59	-193.62	-892.96	-50.52
		234	14.81	24.69	-14.90	0.47	9.32	-19.29	-206.06	-1038.20	-206.10	-1038.16	-5.51
		243	16.36	27.95	-7.06	5.59	15.30	-16.82	-226.74	-1138.64	-226.83	-1138.55	-9.17
144	77	242	12.86	28.15	-12.25	4.91	10.98	-19.97	-185.48	-910.66	-191.06	-905.08	-63.36
		233	11.87	19.22	-14.55	-0.91	5.57	-16.57	-180.84	-851.34	-184.44	-847.74	-48.98
		234	14.01	20.72	-15.04	-0.11	5.79	-17.64	-197.05	-993.04	-197.08	-993.01	-5.21
		243	15.54	23.80	-7.36	4.67	11.77	-15.17	-217.18	-1090.73	-217.27	-1090.64	-8.82
145	14	245	47.45	-63.65	-252.47	-197.94	-118.18	-85.57	2269.26	-610.55	162.25	1496.46	1276.04
		236	19.18	24.00	-145.41	-133.49	12.07	-43.33	250.36	-661.55	173.39	-584.57	253.51
		235	29.11	12.35	-103.14	-32.03	-58.76	-56.18	1357.63	-418.36	-120.76	1060.03	663.29
		244	22.18	1.32	-84.64	-49.80	-33.53	-42.20	921.25	-592.15	-416.83	745.93	484.35
145	46	245	43.03	-48.18	-157.42	-104.62	-100.98	-54.59	2137.56	-603.18	75.11	1459.27	1182.76
		236	15.30	31.41	-58.71	-56.15	28.84	-14.98	133.82	-713.41	76.53	-656.12	212.74
		235	25.88	4.91	-76.29	-27.44	-43.94	-39.75	1277.33	-361.48	-89.40	1005.25	609.80
		244	18.96	-0.31	-48.71	-30.70	-18.32	-23.40	863.57	-500.38	-378.00	741.19	389.80
145	78	245	42.73	-46.34	-150.82	-97.50	-99.67	-52.23	2127.64	-602.76	68.41	1456.47	1175.63
		236	15.06	32.12	-52.24	-50.25	30.12	-12.81	124.96	-717.47	69.09	-661.60	209.63
		235	25.64	4.34	-74.24	-27.09	-42.81	-38.50	1271.18	-357.14	-87.02	1001.06	605.71
		244	18.73	-0.42	-45.97	-29.24	-17.16	-21.96	859.37	-493.59	-375.03	740.82	382.55
146	13	244	36.72	23.98	-114.75	-49.74	-41.03	-69.23	2240.16	-31.97	21.75	2186.44	345.21
		235	17.08	41.83	-65.90	-27.46	3.39	-51.61	729.72	-407.91	-307.84	629.65	322.23
		237	15.23	49.83	-69.90	-3.30	-16.76	-59.49	925.90	-49.91	-44.07	920.06	-75.29
		246	21.10	49.07	-68.05	9.88	-28.86	-55.26	1308.04	-15.47	86.74	1205.83	-353.31
146	45	244	32.11	5.93	-89.34	-39.30	-44.11	-47.57	1939.65	-55.47	-1.37	1885.55	324.05
		235	14.25	22.58	-40.36	-18.06	0.29	-30.10	623.11	-376.02	-285.83	532.91	286.32
		237	14.12	25.47	-55.71	-10.06	-20.18	-40.27	845.44	-60.35	-59.18	844.27	-32.52
		246	16.10	26.04	-54.42	3.89	-32.27	-35.94	1014.46	-57.71	30.68	926.07	-294.88
146	77	244	31.76	4.58	-87.43	-38.50	-44.35	-45.91	1916.65	-57.28	-3.13	1862.50	322.42
		235	14.04	21.10	-38.40	-17.34	0.05	-28.45	614.94	-373.61	-284.18	525.50	283.56
		237	14.03	23.60	-54.62	-10.57	-20.45	-38.80	839.42	-61.28	-60.33	838.47	-29.26
		246	15.76	24.32	-53.42	3.43	-32.53	-34.46	991.99	-60.96	26.39	904.64	-290.41
147	10	246	16.05	72.91	-46.21	20.82	5.88	-59.09	878.22	-20.91	34.69	822.61	-216.57
		237	15.42	77.45	-41.64	7.55	28.26	-58.64	722.08	-135.34	-107.12	693.87	-152.97
		238	13.02	68.38	-46.68	-0.92	22.63	-56.31	568.11	-43.80	24.80	499.51	-193.06

147	42	247	13.29	66.58	-30.83	15.38	20.38	-48.64	597.83	-69.14	60.31	468.38	-263.78
		246	12.93	34.45	-47.37	6.65	-19.57	-38.75	828.76	9.79	35.61	802.95	-143.08
		237	12.23	38.19	-37.53	-2.21	2.87	-37.77	658.84	-121.94	-111.62	648.53	-89.14
147	74	238	9.46	31.52	-37.63	-3.45	-2.65	-34.58	486.85	-47.14	-6.10	445.81	-142.23
		247	9.70	30.04	-26.45	8.57	-4.97	-27.42	525.05	-50.20	34.28	440.57	-203.62
		246	12.98	31.62	-47.56	5.57	-21.51	-37.20	825.40	11.75	35.67	801.47	-137.45
148	11	237	12.00	35.22	-37.24	-2.95	0.94	-36.18	654.33	-121.24	-111.97	645.06	-84.24
		238	9.19	28.81	-37.03	-3.65	-4.58	-32.92	480.81	-47.58	-8.47	441.70	-138.33
		247	9.43	27.43	-26.29	8.05	-6.90	-25.80	519.71	-48.96	32.29	438.46	-199.01
148	43	247	13.88	-11.57	-120.87	-22.51	-109.93	32.80	572.93	14.23	15.11	572.05	-22.14
		238	13.46	-9.56	-114.55	-19.16	-104.95	30.27	536.66	-57.98	-57.80	536.48	10.44
		239	10.71	6.34	-115.41	-6.06	-103.00	36.83	312.35	-64.82	-64.76	312.30	-4.56
148	75	248	10.41	4.26	-115.29	-9.64	-101.39	38.32	319.91	-9.91	-8.69	318.69	-20.03
		247	10.81	-9.57	-70.03	-11.36	-68.24	10.24	504.55	4.19	16.08	492.66	-76.19
		238	10.37	-11.13	-64.31	-12.15	-63.29	7.31	466.11	-59.06	-55.72	462.78	-41.72
149	11	239	7.39	-1.84	-64.37	-4.81	-61.40	13.29	249.84	-59.08	-49.50	240.27	-53.55
		248	7.24	-0.45	-63.64	-4.34	-59.75	15.19	260.47	-21.59	-2.06	240.93	-71.62
		247	10.57	-9.21	-66.36	-10.51	-65.06	8.52	499.95	2.83	16.17	486.61	-80.34
149	43	238	10.13	-10.99	-60.74	-11.62	-60.11	5.55	461.20	-59.60	-55.55	457.16	-45.72
		239	7.14	-2.35	-60.60	-4.71	-58.23	11.50	245.94	-59.51	-48.35	234.78	-57.31
		248	7.00	-0.71	-59.80	-3.94	-56.58	13.42	257.10	-23.62	-1.53	235.01	-75.58
149	75	248	14.81	-5.26	-142.64	-17.66	-130.25	39.36	561.00	33.50	34.38	560.13	-21.50
		239	14.74	-1.93	-142.84	-13.14	-131.62	38.14	531.47	-14.92	-14.90	531.45	-3.42
		240	12.16	9.41	-142.84	-3.89	-129.54	42.99	327.35	-30.75	-30.64	327.24	-6.33
149	43	249	11.89	4.95	-139.12	-9.00	-125.17	42.60	345.63	7.31	8.07	344.87	-15.98
		248	9.34	-5.33	-77.94	-8.76	-74.51	15.40	373.28	2.72	16.57	359.42	-70.30
		239	9.37	-5.76	-78.65	-8.49	-75.91	13.85	354.86	-35.73	-29.33	348.46	-49.60
149	75	240	6.70	1.11	-78.36	-3.40	-73.85	18.39	157.59	-48.20	-37.74	147.13	-45.19
		249	6.38	0.47	-74.26	-4.33	-69.46	18.32	166.57	-21.71	-2.26	147.11	-57.30
		248	8.93	-5.25	-73.09	-8.08	-70.26	13.57	359.95	-0.70	15.20	344.05	-74.04
150	10	239	8.96	-5.95	-73.85	-8.14	-71.66	12.00	342.02	-38.02	-30.43	334.44	-53.14
		240	6.29	0.53	-73.49	-3.36	-69.60	16.51	145.93	-50.88	-38.29	133.33	-48.17
		249	5.97	0.18	-69.35	-3.97	-65.21	16.47	155.09	-26.18	-3.05	131.96	-60.47
150	42	249	13.96	132.80	-7.92	14.57	110.31	-51.57	-38.92	-671.32	-86.87	-623.38	-167.40
		240	12.91	127.58	-19.53	2.29	105.76	-52.29	-64.35	-604.92	-109.75	-559.51	-149.94
		241	15.78	126.19	-19.88	-0.81	107.13	-49.21	-99.55	-762.82	-118.62	-743.75	-110.84
150	74	250	16.98	133.20	-9.16	11.02	113.03	-49.65	-81.79	-834.65	-101.32	-815.12	-119.68
		249	6.38	55.97	-7.86	6.56	41.55	-26.69	3.98	-365.47	-49.40	-312.09	-129.89
		240	5.64	51.19	-14.94	-0.77	37.02	-27.13	-25.89	-325.32	-77.42	-273.80	-113.02
150	42	241	8.27	49.54	-13.02	-1.88	38.39	-23.94	-69.35	-478.28	-87.84	-459.80	-84.96
		250	9.25	56.16	-6.87	5.02	44.28	-24.66	-46.43	-524.64	-65.45	-505.62	-93.44
		249	5.93	50.19	-7.94	5.95	36.31	-24.79	7.95	-342.68	-46.53	-288.21	-127.01
151	10	240	5.39	45.46	-14.68	-1.00	31.78	-25.21	-22.10	-304.72	-74.93	-251.88	-110.19
		241	7.71	43.75	-12.56	-1.96	33.15	-22.01	-66.92	-456.57	-85.48	-438.02	-82.97
		250	8.66	50.34	-6.75	4.56	39.03	-22.75	-43.62	-500.95	-62.69	-481.88	-91.43
151	45	250	21.11	154.27	-4.63	16.50	133.13	-53.95	-139.61	-1063.94	-152.84	-1050.71	-109.79
		241	19.99	146.52	-18.12	1.35	127.05	-53.17	-158.09	-998.89	-172.93	-984.05	-110.71
		242	22.45	146.94	-6.75	12.08	128.10	-50.40	-219.71	-1178.99	-224.61	-1174.09	-68.41
151	77	251	23.76	154.58	6.80	27.18	134.20	-50.95	-214.64	-1258.03	-217.56	-1255.11	-55.14
		250	11.12	53.14	-5.41	6.18	41.56	-23.33	-80.92	-668.94	-96.04	-653.82	-93.08
		241	10.16	45.96	-11.93	-1.45	35.48	-22.29	-104.75	-624.80	-120.39	-609.17	-88.80
151	45	242	12.72	45.62	-6.34	2.75	36.53	-19.74	-153.11	-801.98	-157.95	-797.14	-55.84
		251	13.83	52.57	0.21	10.17	42.61	-20.55	-143.13	-859.33	-146.35	-856.10	-47.96
		250	10.37	47.48	-5.52	5.60	36.37	-21.57	-75.37	-632.62	-90.81	-617.18	-91.47
151	77	241	9.43	40.34	-11.65	-1.61	30.29	-20.53	-99.71	-590.40	-115.55	-574.56	-86.72
		242	11.99	39.92	-6.36	2.22	31.34	-17.99	-146.95	-767.19	-151.80	-762.34	-54.62
		251	13.08	46.83	-0.20	9.20	37.43	-18.81	-136.52	-822.53	-139.79	-819.27	-47.22
152	13	251	28.18	131.13	6.21	22.48	114.86	-42.05	-295.65	-1654.95	-299.50	-1651.10	-72.22
		242	26.94	121.99	-4.41	9.18	108.40	-39.16	-302.73	-1581.98	-307.54	-1577.18	-78.28
		243	29.52	124.35	2.61	17.59	109.36	-40.00	-352.31	-1765.59	-352.46	-1765.44	-14.35
152	45	252	31.49	129.46	16.11	29.99	115.57	-37.17	-378.74	-1902.31	-378.77	-1902.28	-6.83
		251	15.86	53.62	0.03	9.82	43.83	-20.71	-175.07	-1005.07	-179.32	-1000.82	-59.24
		242	14.90	44.79	-5.15	2.26	37.38	-17.75	-187.54	-958.28	-192.54	-953.27	-61.92
152	77	243	17.52	46.79	-2.80	5.66	38.34	-18.65	-227.43	-1139.96	-227.53	-1139.86	-9.73
		252	19.22	51.04	5.72	12.21	44.55	-15.88	-248.44	-1250.33	-248.47	-1250.29	-5.86
		251	14.91	47.72	-0.50	8.85	38.37	-19.07	-165.79	-955.33	-170.11	-951.01	-58.25
152	45	242	13.98	38.90	-5.25	1.73	31.92	-16.11	-178.67	-910.54	-183.74	-905.48	-60.67
		243	16.60	40.88	-3.26	4.74	32.88	-17.01	-217.86	-1092.04	-217.97	-1091.94	-9.38
		252	18.28	45.03	4.91	10.85	39.09	-14.25	-238.46	-1200.39	-238.49	-1200.35	-5.79
153	11	251	241.63	259.10	-236.72	254.09	-231.71	-49.55	1.366e+04	-2157.46	-1136.45	1.263e+04	3886.18
		245	112.62	308.26	-37.23	255.91	15.13	123.88	-71.45	-7285.78	-207.77	-7149.46	-982.28
		244	89.78	-13.82	-136.34	-49.16	-100.99	-55.51	5452.61	-275.52	231.82	4945.27	1627.48
153	62	253	67.89	-11.29	-165.61	-47.70	-129.19	65.52	1214.36	-3718.70	366.44	-2870.77	-1861.15
		4	273.77	-9.28	-254.39	-87.06	-176.62	-114.08	1.639e+04	-2130.56	-840.93	1.511e+04	4714.64
		245	107.09	91.74	-100.35	-79.00	70.39	60.38	-341.93	-6924.20	-344.52	-6921.61	-130.56
153	62	244	85.93	21.84	-106.37	-47.85	-36.68	-63.86	5295.26	-386.96	82.35	4825.95	1564.12
		253	58.44	1.75	-113.74	-47.09	-64.91	57.05	2023.63	-2131.56	657.25	-765.18	-1952.07

153	94	4	273.73	-6.49	-252.19	-81.03	-177.66	-112.95	1.638e+04	-2130.90	-842.64	1.509e+04	4710.65
		245	106.92	92.22	-95.94	-73.06	69.34	61.49	-340.24	-6924.51	-342.97	-6921.78	-134.06
		244	85.98	21.05	-106.78	-47.84	-37.89	-63.72	5295.97	-386.29	83.16	4826.53	1564.33
		253	58.46	1.42	-114.57	-47.03	-66.11	57.20	2019.59	-2137.91	656.01	-774.33	-1951.85
154	13	253	36.88	3.73	-78.53	-30.14	-44.66	-40.49	2249.91	-324.03	-253.76	2179.64	-419.46
		244	30.88	38.83	-18.75	-11.68	31.75	-18.90	1788.32	-218.17	-180.99	1751.14	-270.57
		246	19.73	34.22	-52.84	-20.70	2.09	-42.01	1317.32	233.04	249.74	1300.62	-133.53
		254	15.75	44.95	25.06	37.49	32.52	9.63	1079.05	181.29	244.87	1015.47	-230.30
154	45	253	35.99	-20.55	-100.16	-44.86	-75.86	-36.66	2140.74	-227.41	-195.44	2108.77	-273.28
		244	24.93	8.18	-24.82	-17.38	0.74	-13.79	1517.61	-173.49	-158.84	1502.96	-156.74
		246	15.11	14.08	-57.81	-15.04	-28.70	-35.29	1021.27	172.90	185.78	1008.39	-103.75
		254	13.93	40.27	-4.34	34.38	1.55	15.10	938.79	176.59	213.76	901.62	-164.17
154	77	253	35.94	-22.34	-101.91	-45.99	-78.26	-36.37	2132.91	-220.53	-190.97	2103.36	-262.08
		244	24.48	5.92	-25.39	-17.82	-1.65	-13.40	1497.19	-170.39	-157.14	1483.95	-148.02
		246	14.93	12.90	-58.57	-14.60	-31.07	-34.77	998.60	168.29	180.88	986.01	-101.46
		254	13.89	40.04	-6.73	34.14	-0.83	15.52	928.22	176.06	211.38	892.90	-159.11
155	15	254	17.74	-16.32	-137.03	-19.53	-133.82	19.43	734.42	-39.30	-30.59	725.71	-81.64
		246	18.44	-2.48	-136.12	-2.79	-135.81	6.39	786.30	11.63	11.63	786.30	-1.61
		247	11.50	2.67	-122.98	1.51	-121.82	11.99	339.32	-27.87	-17.54	328.99	-60.71
		255	10.87	0.45	-119.12	-3.29	-115.37	20.83	343.42	-0.94	0.81	341.67	24.48
155	47	254	16.26	-10.28	-86.27	-11.69	-84.86	10.25	791.81	-43.64	-19.74	767.91	-139.27
		246	16.40	-0.35	-87.08	-0.49	-86.94	-3.46	815.56	17.44	20.97	812.03	-52.96
		247	9.48	-0.35	-73.05	-0.39	-73.01	1.64	392.21	-28.48	8.04	355.69	-118.45
		255	9.11	1.98	-68.29	0.17	-66.48	11.13	389.29	25.62	29.95	384.96	-39.46
155	79	254	16.15	-9.81	-82.40	-11.09	-81.12	9.55	796.45	-44.22	-18.89	771.13	-143.68
		246	16.24	-0.10	-83.42	-0.32	-83.21	-4.21	818.05	17.63	21.69	813.98	-56.90
		247	9.33	-0.52	-69.29	-0.53	-69.28	0.85	396.75	-29.04	10.00	357.72	-122.87
		255	8.98	2.10	-64.41	0.44	-62.75	10.39	393.70	26.75	32.19	388.26	-44.36
156	11	255	15.73	-10.10	-145.73	-14.36	-141.47	23.64	595.84	14.96	15.21	595.59	-11.87
		247	15.95	-4.64	-148.87	-6.39	-147.11	15.83	581.97	14.23	17.14	579.06	-40.56
		248	12.17	6.14	-141.12	3.29	-138.27	20.30	310.85	-36.35	-27.43	301.93	-54.94
		256	11.58	1.15	-135.25	-3.13	-130.97	23.78	326.29	-10.30	-10.02	326.02	9.60
156	43	255	11.65	-5.11	-82.17	-6.99	-80.29	11.89	513.89	6.24	16.22	503.91	-70.46
		247	11.90	-3.01	-86.13	-3.17	-85.97	3.67	517.81	3.24	20.74	500.31	-93.27
		248	8.08	2.06	-77.91	1.33	-77.17	7.63	265.58	-45.99	-8.00	227.58	-101.95
		256	7.31	0.83	-71.71	-1.04	-69.83	11.51	246.64	-0.55	7.24	238.86	-43.16
156	75	255	11.34	-4.72	-77.33	-6.43	-75.62	10.99	508.34	4.88	16.30	496.92	-74.96
		247	11.59	-2.83	-81.40	-2.92	-81.31	2.74	513.54	1.79	21.02	494.31	-97.31
		248	7.78	1.77	-73.11	1.18	-72.52	6.66	263.23	-47.82	-6.51	221.92	-105.56
		256	6.99	0.81	-66.86	-0.88	-65.17	10.57	241.77	-1.00	8.56	232.21	-47.21
157	11	256	16.40	-7.93	-165.23	-11.84	-161.31	24.49	583.25	35.05	35.11	583.19	5.85
		248	16.75	-2.22	-171.16	-4.81	-168.56	20.78	556.31	12.94	17.88	551.38	-51.56
		249	13.85	7.53	-166.63	4.19	-163.28	23.91	335.35	-36.64	-30.18	328.89	-48.56
		257	13.22	1.46	-158.80	-2.46	-154.89	24.75	358.12	-6.40	-6.05	357.76	11.34
157	43	256	9.69	-3.91	-87.14	-5.60	-85.45	11.73	371.00	18.62	24.61	365.01	-45.56
		248	10.29	-2.02	-93.37	-2.67	-92.72	7.70	378.97	-13.70	11.44	353.83	-96.11
		249	7.30	3.00	-88.68	1.78	-87.46	10.49	173.93	-55.16	-18.03	136.80	-84.43
		257	6.34	0.81	-80.74	-0.89	-79.05	11.63	151.70	-2.67	3.87	145.16	-31.10
157	75	256	9.19	-3.60	-81.18	-5.12	-79.66	10.76	355.68	16.42	23.80	348.29	-49.50
		248	9.81	-1.98	-87.46	-2.51	-86.94	6.70	366.55	-16.91	10.94	338.70	-99.53
		249	6.83	2.66	-82.74	1.60	-81.68	9.46	164.04	-59.06	-17.10	122.08	-87.18
		257	5.83	0.76	-74.79	-0.77	-73.26	10.63	137.74	-4.25	4.62	128.87	-34.36
158	10	257	17.86	167.39	7.39	11.46	163.32	-25.19	3.16	-704.11	-27.63	-673.32	-144.32
		249	16.83	159.52	-2.89	1.82	154.81	-27.25	11.11	-668.61	-40.00	-617.49	-179.25
		250	19.89	161.55	-8.55	-4.61	157.61	-25.60	-7.50	-826.42	-28.80	-805.12	-130.35
		258	21.19	170.84	1.05	5.03	166.85	-25.71	8.75	-877.78	-2.80	-866.22	-100.54
158	42	257	8.71	73.44	3.28	5.48	71.24	-12.21	22.84	-375.23	-7.99	-344.40	-106.40
		249	8.05	65.76	-2.60	0.41	62.75	-14.02	36.87	-373.22	-25.05	-311.30	-146.83
		250	10.82	67.67	-4.59	-2.48	65.56	-12.17	-4.98	-526.43	-28.32	-503.09	-107.83
		258	11.84	76.90	0.53	2.64	74.79	-12.53	11.56	-551.12	2.00	-541.56	-72.72
158	74	257	8.02	66.27	2.97	5.02	64.22	-11.22	24.67	-350.32	-6.49	-319.17	-103.49
		249	7.40	58.63	-2.60	0.30	55.72	-13.01	39.71	-351.43	-23.91	-287.81	-144.35
		250	10.13	60.51	-4.30	-2.32	58.54	-11.15	-4.60	-503.61	-28.28	-479.92	-106.10
		258	11.13	69.74	0.49	2.46	67.76	-11.52	11.80	-526.08	2.37	-516.65	-70.59
159	10	258	26.51	204.48	10.33	14.34	200.48	-27.60	-52.55	-1159.62	-60.96	-1151.20	-96.15
		250	24.55	194.94	-2.15	1.75	191.04	-27.46	-67.67	-1056.25	-82.62	-1041.30	-120.66
		251	27.65	195.22	-10.60	-7.33	191.95	-25.71	-83.78	-1232.79	-85.25	-1231.31	-41.07
		259	29.95	205.16	1.75	5.56	201.34	-27.58	-44.10	-1352.87	-44.40	-1352.58	-19.73
159	42	258	14.30	91.89	4.67	6.83	89.73	-13.54	-16.21	-683.87	-24.67	-675.41	-74.68
		250	12.91	82.43	-1.80	0.32	80.30	-13.21	-36.90	-632.48	-56.05	-613.34	-105.05
		251	15.75	82.69	-5.53	-4.06	81.22	-11.30	-70.44	-810.78	-73.24	-807.98	-45.43
		259	17.52	92.60	0.86	2.85	90.60	-13.37	-23.36	-881.95	-23.78	-881.53	-18.96
159	74	258	13.36	83.30	4.23	6.25	81.28	-12.47	-13.36	-647.44	-21.88	-638.91	-73.04
		250	12.02	73.85	-1.78	0.21	71.85	-12.12	-34.26	-600.25	-54.01	-580.51	-103.86
		251	14.85	74.11	-5.14	-3.81	72.77	-10.20	-69.35	-778.47	-72.32	-775.51	-45.77
		259	16.57	84.01	0.79	2.65	82.16	-12.29	-21.76	-845.83	-22.19	-845.39	-18.90
160	10	259	35.13	257.69	13.48	23.00	248.17	-47.26	-38.96	-1550.57	-39.19	-1550.34	18.56

		251	33.76	243.91	-13.64	-6.54	236.80	-42.18	-150.08	-1518.86	-151.59	-1517.35	-45.45
		252	36.06	249.25	27.59	36.21	240.62	-42.86	-366.73	-1798.10	-366.88	-1797.95	-14.65
		3	36.50	250.22	56.01	64.81	241.42	-40.40	-307.44	-1820.21	-315.62	-1812.03	110.93
160	42	259	20.05	117.52	6.27	11.56	112.23	-23.67	1.66	-975.81	1.48	-975.64	-13.14
		251	18.47	104.01	-7.27	-4.13	100.87	-18.45	-107.28	-942.61	-109.75	-940.14	-45.35
		252	21.47	108.70	11.10	15.12	104.68	-19.38	-248.26	-1205.61	-248.46	-1205.41	-13.83
		3	22.02	109.13	25.73	29.38	105.48	-17.07	-190.46	-1228.03	-196.83	-1221.66	81.04
160	74	259	18.90	106.83	5.71	10.68	101.86	-21.87	4.86	-931.81	4.60	-931.55	-15.57
		251	17.31	93.34	-6.79	-3.94	90.49	-16.63	-103.94	-898.46	-106.54	-895.86	-45.36
		252	20.35	97.97	9.84	13.51	94.31	-17.59	-239.17	-1160.17	-239.38	-1159.96	-13.77
		3	20.91	98.37	23.42	26.68	95.10	-15.29	-181.48	-1182.61	-187.72	-1176.38	78.75
161	16	262	68.99	339.83	-44.52	308.67	-13.36	-104.91	4546.73	982.81	996.43	4533.11	-219.90
		6	278.36	212.10	-271.39	113.71	-173.00	194.65	1840.55-1.625e+04	-2447.37-1.196e+04			7693.48
		260	71.76	129.70	-165.67	66.66	-102.63	-121.02	2212.44	-2409.65	245.02	-442.23	-2285.35
		261	82.13	50.55	-107.23	16.14	-72.82	65.16	-237.23	-5153.90	-1513.06	-3878.07	2155.25
161	48	262	66.89	192.12	-72.37	135.44	-15.69	-108.53	4550.17	541.71	615.61	4476.28	-539.20
		6	269.91	103.93	-311.65	-33.09	-174.62	195.37	1559.19-1.594e+04	-2742.53-1.164e+04			7535.82
		260	66.81	102.23	-148.10	54.75	-100.62	-98.14	2502.98	-1914.89	493.92	94.17	-2199.88
		261	80.55	42.47	-133.56	-19.64	-71.45	84.12	-144.25	-4936.09	-1336.98	-3743.36	2071.90
161	80	262	66.77	182.06	-75.68	122.25	-15.86	-108.80	4552.05	506.40	586.52	4471.93	-563.66
		6	269.29	96.51	-315.53	-44.28	-174.74	195.42	1537.94-1.592e+04	-2765.05-1.162e+04			7523.82
		260	66.46	100.16	-146.78	53.84	-100.46	-96.40	2525.58	-1877.34	512.97	135.27	-2193.34
		261	80.43	42.15	-135.84	-22.36	-71.34	85.56	-137.09	-4919.49	-1323.53	-3733.04	2065.53
162	16	261	22.42	62.53	-74.81	61.04	-73.33	14.21	-243.97	-1262.99	-259.56	-1247.40	125.07
		260	45.47	13.59	-120.23	2.88	-109.52	36.31	-709.54	-2946.57	-1361.71	-2294.40	1016.66
		263	21.37	15.29	-84.86	14.54	-84.12	-8.60	100.81	-1099.36	40.40	-1038.95	262.40
		264	22.15	-1.26	-78.21	-6.60	-72.88	19.55	-338.35	-1366.13	-530.56	-1173.92	400.76
162	48	261	19.72	28.59	-66.21	25.60	-63.22	16.57	-67.99	-1082.45	-78.07	-1072.38	100.61
		260	43.39	-6.08	-116.39	-23.25	-99.22	39.99	-627.71	-2781.24	-1200.05	-2208.90	951.30
		263	20.12	18.84	-73.21	18.83	-73.20	-0.58	86.86	-1023.48	67.13	-1003.76	146.67
		264	19.50	0.02	-73.28	-11.12	-62.14	26.31	-336.37	-1190.78	-486.92	-1040.22	325.53
162	80	261	19.52	26.07	-65.62	22.91	-62.45	16.75	-54.49	-1068.68	-64.20	-1058.96	98.76
		260	43.23	-7.42	-116.26	-25.24	-98.44	40.27	-621.30	-2768.76	-1187.70	-2202.37	946.31
		263	20.03	19.16	-72.38	19.16	-72.38	0.03	86.64	-1018.53	69.18	-1001.06	137.82
		264	19.29	0.23	-73.02	-11.46	-61.33	26.83	-336.20	-1177.38	-483.59	-1029.98	319.78
163	16	264	19.46	12.28	-99.90	7.02	-94.64	23.72	-61.15	-974.06	-109.11	-926.10	203.68
		263	23.12	-1.01	-112.23	-4.52	-108.72	19.44	-255.58	-1285.09	-341.27	-1199.41	284.38
		265	16.44	-9.44	-100.05	-11.65	-97.84	13.98	-80.71	-815.29	-88.40	-807.59	74.78
		266	13.03	-4.13	-91.93	-8.35	-87.72	18.77	-145.23	-632.45	-154.43	-623.25	66.31
163	48	264	17.22	8.05	-78.66	1.82	-72.43	22.38	-74.28	-912.97	-94.16	-893.09	127.59
		263	20.51	-1.44	-90.52	-5.51	-86.45	18.61	-260.96	-1179.14	-313.36	-1126.73	213.01
		265	14.32	-2.63	-78.17	-5.34	-75.46	14.03	-47.42	-727.26	-48.29	-726.38	24.35
		266	11.22	-2.21	-70.64	-7.43	-65.42	18.17	-122.09	-581.90	-122.41	-581.57	12.18
163	80	264	17.05	7.75	-77.07	1.43	-70.74	22.28	-74.83	-908.81	-93.01	-890.63	121.78
		263	20.31	-1.46	-88.89	-5.59	-84.76	18.54	-261.15	-1171.29	-311.24	-1121.20	207.56
		265	14.16	-2.11	-76.51	-4.85	-73.76	14.03	-44.60	-720.82	-45.23	-720.19	20.50
		266	11.09	-2.04	-69.05	-7.36	-63.73	18.12	-119.83	-578.59	-119.98	-578.45	8.06
164	16	266	14.17	-2.22	-111.63	-4.93	-108.92	17.02	-71.51	-611.28	-75.25	-607.54	44.78
		265	15.50	-9.29	-120.37	-11.04	-118.62	13.83	-105.21	-693.44	-111.66	-687.00	61.25
		267	10.88	-8.84	-112.77	-10.23	-111.38	11.91	-29.74	-384.35	-30.65	-383.44	-17.92
		268	10.11	-3.22	-106.73	-5.03	-104.92	13.56	-27.03	-344.97	-28.20	-343.80	-19.29
164	48	266	12.16	-0.91	-80.90	-4.53	-77.28	16.61	-56.77	-582.66	-56.92	-582.52	-8.78
		265	13.60	-4.34	-89.26	-6.65	-86.95	13.82	-92.19	-663.90	-92.34	-663.75	9.32
		267	9.20	-3.93	-81.58	-5.80	-79.71	11.90	2.31	-372.03	-9.77	-359.94	-66.16
		268	8.30	-2.16	-75.72	-4.60	-73.29	13.15	6.02	-333.35	-8.70	-318.63	-69.13
164	80	266	12.01	-0.79	-78.59	-4.50	-74.88	16.58	-55.22	-581.01	-55.54	-580.70	-12.86
		265	13.46	-3.95	-86.90	-6.32	-84.54	13.81	-90.83	-662.15	-90.89	-662.10	5.37
		267	9.08	-3.55	-79.22	-5.46	-77.30	11.89	5.22	-371.69	-8.19	-358.28	-69.83
		268	8.17	-2.06	-73.39	-4.56	-70.88	13.12	9.10	-333.12	-7.22	-316.81	-72.92
165	13	268	11.54	33.61	-10.66	-3.13	26.09	16.63	68.85	-602.22	3.28	-536.65	-199.25
		267	11.23	29.93	-5.43	4.81	19.69	16.04	51.54	-622.46	-8.65	-562.27	-192.21
		269	8.92	31.99	-2.83	4.39	24.76	14.12	155.19	-388.75	54.57	-288.13	-211.21
		270	9.28	33.43	-8.56	-3.50	28.38	13.66	167.13	-387.06	70.45	-290.38	-210.31
165	50	268	8.04	-1.59	-60.03	-3.95	-57.67	11.51	41.14	-367.23	4.61	-330.70	-116.55
		267	8.84	-1.23	-65.83	-2.95	-64.11	10.39	23.78	-401.82	-9.54	-368.50	-114.33
		269	5.48	-0.80	-60.29	-2.06	-59.03	8.57	122.29	-189.12	31.65	-98.48	-141.46
		270	5.22	-1.60	-56.76	-3.00	-55.37	8.65	131.92	-172.50	48.06	-88.64	-136.00
165	82	268	7.96	-1.52	-59.25	-3.94	-56.83	11.56	41.90	-364.79	4.99	-327.89	-116.82
		267	8.76	-1.12	-65.02	-2.87	-63.27	10.44	24.50	-399.45	-9.17	-365.78	-114.63
		269	5.41	-0.71	-59.48	-2.01	-58.19	8.62	123.46	-187.49	31.78	-95.80	-141.78
		270	5.15	-1.57	-55.96	-3.00	-54.53	8.70	133.03	-170.75	48.16	-85.88	-136.30
166	16	270	11.71	-3.20	-134.73	-3.24	-134.69	-2.28	376.02	54.18	68.89	361.30	-67.23
		269	11.74	-7.53	-138.50	-7.58	-138.45	-2.67	366.25	31.22	50.20	347.27	-77.45
		271	15.38	-5.88	-135.35	-6.04	-135.20	-4.49	620.62	58.01	68.10	610.53	-74.67
		272	15.05	-1.49	-133.54	-1.67	-133.36	-4.87	608.22	83.89	91.70	600.41	-63.50
166	48	270	6.92	-3.04	-89.49	-3.17	-89.36	3.32	215.51	-14.74	55.24	145.53	-105.90
		269	7.08	-4.25	-93.22	-4.36	-93.12	3.09	208.60	-38.94	36.76	132.91	-114.05

		271	10.40	-3.35	-89.89	-3.37	-89.87	1.25	430.51	27.79	60.66	397.64	-110.27
		272	9.95	-2.15	-88.04	-2.16	-88.03	0.69	416.88	53.41	84.17	386.12	-101.16
166	80	270	6.61	-2.99	-86.09	-3.16	-85.92	3.74	206.69	-23.51	54.19	128.99	-108.86
		269	6.78	-3.97	-89.81	-4.12	-89.67	3.53	199.73	-47.52	35.72	116.49	-116.84
		271	10.04	-3.13	-86.45	-3.17	-86.42	1.69	417.08	24.33	60.09	381.32	-112.98
		272	9.59	-2.18	-84.60	-2.19	-84.59	1.12	403.53	49.76	83.60	369.70	-104.04
167	16	272	18.14	-0.71	-149.92	-2.09	-148.54	-14.30	777.21	112.91	118.54	771.57	-60.93
		271	18.26	-6.97	-151.32	-8.19	-150.11	-13.20	776.38	84.75	90.26	770.87	-61.50
		273	22.03	-13.80	-151.32	-15.90	-149.22	-16.85	1067.39	162.56	163.52	1066.43	-29.46
		274	21.38	-8.59	-149.18	-10.69	-147.08	-17.05	1034.80	186.11	187.79	1033.12	-37.77
167	48	272	11.42	-2.21	-97.01	-2.41	-96.81	-4.39	494.42	69.72	93.83	470.31	-98.26
		271	11.74	-4.24	-98.48	-4.35	-98.37	-3.15	499.77	42.12	66.41	475.48	-102.60
		273	15.43	-7.91	-97.98	-8.41	-97.49	-6.69	775.91	117.87	124.90	768.88	-67.65
		274	14.65	-6.74	-95.90	-7.30	-95.35	-7.02	738.47	139.10	147.91	729.65	-72.15
167	80	272	10.93	-2.29	-93.02	-2.44	-92.88	-3.64	473.99	65.17	91.93	447.23	-101.11
		271	11.27	-3.99	-94.50	-4.05	-94.44	-2.39	479.78	37.65	64.57	452.85	-105.74
		273	14.94	-7.43	-93.96	-7.84	-93.55	-5.91	753.96	114.06	121.94	746.08	-70.56
		274	14.14	-6.58	-91.87	-7.04	-91.41	-6.26	716.19	135.07	144.85	706.40	-74.77
168	16	274	24.46	-7.60	-157.64	-11.55	-153.70	-24.02	1235.26	224.69	226.41	1233.53	-41.74
		273	23.86	-13.37	-158.57	-16.53	-155.41	-21.17	1178.32	184.95	185.79	1177.48	-28.86
		5	28.61	-27.15	-159.17	-33.22	-153.10	-27.65	1566.14	311.59	311.59	1566.14	-1.83
		275	27.93	-21.78	-154.72	-25.61	-150.90	-22.21	1520.01	304.56	304.69	1519.88	-12.33
168	48	274	16.23	-6.49	-101.47	-7.95	-100.02	-11.65	837.24	157.56	164.83	829.97	-69.92
		273	16.30	-7.90	-102.55	-8.72	-101.73	-8.76	823.21	126.93	132.67	817.47	-63.00
		5	21.11	-17.83	-102.24	-20.66	-99.42	-15.19	1203.06	239.10	239.29	1202.87	-13.51
		275	19.79	-15.99	-98.40	-17.17	-97.22	-9.79	1113.34	223.15	223.50	1112.99	-17.68
168	80	274	15.61	-6.39	-97.21	-7.67	-95.93	-10.71	807.09	152.09	160.12	799.07	-72.08
		273	15.73	-7.44	-98.32	-8.12	-97.65	-7.81	796.34	122.16	128.61	789.90	-65.61
		5	20.54	-17.11	-97.92	-19.71	-95.33	-14.24	1175.27	233.53	233.75	1175.05	-14.41
		275	19.17	-15.52	-94.14	-16.53	-93.13	-8.85	1082.21	216.90	217.28	1081.83	-18.09
169	16	277	27.06	273.08	57.27	261.95	68.40	-47.74	528.03	-741.30	-490.12	276.85	505.70
		262	57.20	162.82	-95.38	155.90	-88.45	41.71	729.50	-3137.39	-1217.58	-1190.30	1933.39
		261	27.59	80.60	-25.49	68.74	-13.64	-33.43	320.69	-1600.31	-25.02	-1254.61	737.96
		276	26.14	45.47	-20.59	44.03	-19.15	-9.65	338.98	-1527.10	-299.90	-888.23	885.45
169	48	277	18.72	149.12	45.13	134.36	59.90	-36.30	479.97	-553.08	-394.23	321.12	372.64
		262	54.06	56.56	-116.17	37.11	-96.72	54.60	658.96	-2874.23	-1113.96	-1101.31	1766.58
		261	24.18	31.37	-20.79	30.32	-19.74	-7.34	225.18	-1422.29	-20.02	-1177.09	586.37
		276	24.65	5.72	-32.89	-1.73	-25.45	15.23	235.90	-1395.92	-304.34	-855.68	767.92
169	80	277	18.09	140.15	43.74	124.64	59.25	-35.42	476.65	-539.04	-386.90	324.51	362.46
		262	53.84	49.15	-118.44	28.06	-97.35	55.59	653.55	-2854.09	-1106.04	-1094.50	1753.81
		261	23.99	27.98	-20.80	27.39	-20.20	-5.35	218.14	-1408.95	-19.64	-1171.17	574.76
		276	24.56	4.44	-35.59	-5.22	-25.93	17.13	228.03	-1385.90	-304.69	-853.19	758.93
170	16	276	17.90	73.44	-6.87	71.77	-5.21	-11.44	226.31	-1007.68	-44.75	-736.62	510.89
		261	30.20	45.58	-53.61	44.12	-52.15	11.94	-117.35	-1855.50	-416.42	-1556.43	656.04
		264	16.95	16.02	-43.76	11.46	-39.20	-15.88	-161.12	-1079.89	-188.46	-1052.54	156.13
		278	14.25	8.18	-30.06	3.40	-25.29	-12.64	-105.34	-949.83	-181.98	-873.20	242.58
170	48	276	15.36	27.96	-9.09	27.62	-8.75	3.54	150.78	-872.94	-49.72	-672.44	406.27
		261	27.85	15.60	-66.30	4.89	-55.59	27.61	-157.28	-1686.92	-410.82	-1433.38	568.81
		264	15.26	5.36	-42.39	4.94	-41.97	4.45	-115.30	-921.58	-127.81	-909.08	99.62
		278	13.22	-5.19	-30.34	-7.38	-28.15	7.09	-90.60	-829.30	-131.74	-788.16	169.40
170	80	276	15.17	24.90	-9.66	24.26	-9.02	4.68	145.09	-862.73	-50.11	-667.53	398.27
		261	27.68	13.81	-67.76	1.90	-55.85	28.81	-160.33	-1674.03	-410.40	-1423.95	562.14
		264	15.13	5.20	-42.94	4.44	-42.18	6.00	-111.62	-909.64	-123.18	-898.09	95.31
		278	13.14	-5.04	-31.54	-8.20	-28.37	8.59	-89.16	-820.41	-127.91	-781.66	163.81
171	16	278	13.02	7.91	-43.20	7.89	-43.18	1.12	-54.38	-747.24	-93.40	-708.22	159.74
		264	17.12	3.25	-65.03	2.74	-64.52	5.83	-183.95	-1009.52	-243.43	-950.04	213.46
		266	11.51	-7.90	-57.79	-8.23	-57.45	-4.08	-81.82	-628.52	-86.23	-624.11	48.91
		279	10.16	-7.17	-47.70	-7.55	-47.32	-3.94	-50.62	-558.64	-56.67	-552.58	55.12
171	48	278	12.02	1.70	-39.77	-1.73	-36.35	11.41	-38.08	-687.30	-55.54	-669.84	105.02
		264	16.11	1.06	-62.30	-3.60	-57.65	16.52	-171.87	-941.67	-205.19	-908.35	156.64
		266	10.77	-4.73	-51.73	-6.00	-50.45	7.64	-54.09	-583.09	-54.18	-583.00	-7.04
		279	9.39	-6.82	-42.00	-8.45	-40.36	7.41	-25.30	-514.83	-25.30	-514.82	1.31
171	80	278	11.95	1.52	-39.81	-2.46	-35.83	12.20	-36.53	-683.09	-52.66	-666.95	100.85
		264	16.04	1.08	-62.29	-4.08	-57.13	17.34	-170.70	-936.81	-202.29	-905.23	152.31
		266	10.71	-4.24	-51.52	-5.83	-49.92	8.53	-51.51	-580.16	-51.75	-579.92	-11.31
		279	9.33	-6.47	-41.88	-8.52	-39.83	8.27	-22.91	-512.00	-22.92	-511.99	-2.80
172	16	279	8.99	-7.78	-68.73	-7.79	-68.72	0.36	11.36	-378.96	8.27	-375.87	34.57
		266	12.54	-10.76	-80.43	-10.80	-80.39	1.69	-52.00	-610.04	-57.68	-604.36	55.98
		268	8.66	-10.98	-76.55	-11.07	-76.46	-2.43	-18.54	-348.11	-19.59	-347.06	-18.61
		280	5.95	-8.09	-69.71	-8.28	-69.52	-3.41	13.55	-171.75	10.68	-168.88	-22.85
172	48	279	8.84	-6.16	-53.53	-7.91	-51.78	8.93	11.88	-424.25	11.27	-423.64	-16.32
		266	11.33	-6.10	-65.35	-8.04	-63.41	10.55	-54.27	-578.97	-54.27	-578.97	-0.99
		268	7.71	-6.64	-60.28	-7.45	-59.47	6.52	14.94	-335.16	0.75	-320.97	-69.04
		280	6.10	-6.93	-53.17	-7.54	-52.57	5.25	46.26	-236.90	29.52	-220.16	-66.79
172	80	279	8.83	-5.86	-52.55	-7.92	-50.49	9.59	12.46	-428.18	11.53	-427.25	-20.21
		266	11.24	-5.61	-64.35	-7.84	-62.12	11.22	-53.92	-577.18	-53.98	-577.13	-5.33
		268	7.64	-6.18	-59.18	-7.17	-58.18	7.20	18.02	-334.83	2.26	-319.07	-72.89

		280	6.11	-6.70	-52.06	-7.48	-51.28	5.91	48.95	-242.04	30.92	-224.01	-70.16
173	13	280	11.41	32.75	-29.04	-4.02	7.72	30.33	91.31	-576.25	27.22	-512.16	-196.66
		268	11.27	34.43	-30.25	3.74	0.44	32.30	61.05	-603.96	-5.51	-537.40	-199.58
		270	9.39	32.37	-26.11	3.43	2.82	29.24	146.23	-397.43	43.09	-294.29	-213.16
		281	9.39	29.27	-26.07	-4.14	7.34	27.06	152.39	-389.36	60.61	-297.57	-203.23
173	34	280	7.40	-1.02	-41.93	-6.38	-36.57	13.80	73.14	-384.20	32.78	-343.85	-129.72
		268	8.04	1.54	-49.08	-3.67	-43.87	15.38	41.55	-419.70	-1.25	-376.90	-133.83
		270	5.24	0.86	-45.13	-2.78	-41.49	12.42	130.39	-222.18	43.65	-135.44	-151.85
		281	5.00	-2.06	-40.18	-5.30	-36.94	10.63	136.49	-205.08	62.35	-130.94	-140.81
173	66	280	7.31	-1.15	-42.12	-6.40	-36.86	13.70	73.80	-376.91	33.69	-336.80	-128.34
		268	7.95	1.40	-49.29	-3.72	-44.17	15.27	42.20	-412.72	-0.40	-370.12	-132.53
		270	5.16	0.73	-45.35	-2.83	-41.79	12.31	131.49	-216.02	44.21	-128.75	-150.70
		281	4.92	-2.15	-40.39	-5.31	-37.23	10.52	137.48	-198.49	62.96	-123.97	-139.58
174	16	281	10.09	-5.87	-104.45	-7.59	-102.73	-12.92	396.57	98.33	108.05	386.86	-52.94
		270	10.08	-10.12	-108.91	-11.48	-107.55	-11.55	378.55	71.19	84.67	365.07	-62.94
		272	13.38	-9.75	-108.30	-11.90	-106.14	-14.41	615.29	113.15	121.39	607.05	-63.79
		282	13.20	-5.41	-105.43	-7.97	-102.88	-15.77	611.94	127.57	133.27	606.23	-52.25
174	48	281	5.85	-6.42	-71.57	-6.46	-71.53	-1.57	223.93	23.52	85.06	162.39	-92.44
		270	6.11	-7.22	-76.33	-7.22	-76.33	-0.03	216.64	-6.41	62.81	147.41	-103.19
		272	9.13	-7.06	-75.05	-7.18	-74.93	-2.87	420.80	66.73	98.09	389.44	-100.60
		282	8.72	-6.08	-71.97	-6.37	-71.67	-4.40	407.86	82.76	108.80	381.82	-88.26
174	80	281	5.59	-6.37	-69.16	-6.37	-69.16	-0.70	214.60	13.89	83.30	145.19	-95.46
		270	5.87	-6.88	-73.97	-6.89	-73.96	0.85	207.75	-15.88	61.14	130.74	-106.26
		272	8.83	-6.76	-72.61	-6.82	-72.55	-1.99	407.17	61.90	96.30	372.77	-103.41
		282	8.40	-6.05	-69.50	-6.25	-69.30	-3.53	393.52	78.03	106.92	364.62	-91.01
175	16	282	16.35	-4.99	-116.08	-8.82	-112.25	-20.27	808.57	169.84	174.85	803.55	-56.37
		272	16.21	-9.74	-118.96	-12.98	-115.71	-18.55	783.64	141.81	147.96	777.50	-62.51
		274	19.58	-13.82	-119.34	-18.63	-114.53	-22.01	1041.96	211.01	214.18	1038.79	-51.24
		283	19.40	-9.27	-116.60	-14.16	-111.71	-22.38	1034.26	213.98	216.52	1031.72	-45.62
175	48	282	10.28	-6.18	-78.25	-6.87	-77.56	-7.04	500.25	104.57	125.92	478.90	-89.39
		272	10.51	-7.33	-81.39	-7.70	-81.02	-5.21	497.87	82.53	107.49	472.91	-98.72
		274	13.81	-10.06	-80.89	-11.12	-79.83	-8.60	743.24	148.53	158.86	732.91	-77.70
		283	13.28	-8.74	-78.22	-9.94	-77.02	-9.08	714.20	148.66	157.10	705.76	-68.58
175	80	282	9.84	-6.19	-75.45	-6.72	-74.92	-6.04	477.79	98.41	122.17	454.03	-91.91
		272	10.10	-7.05	-78.63	-7.30	-78.38	-4.20	477.20	76.76	104.39	449.57	-101.49
		274	13.38	-9.70	-78.04	-10.55	-77.19	-7.57	720.70	143.39	154.62	709.48	-79.72
		283	12.82	-8.63	-75.37	-9.62	-74.38	-8.06	689.99	143.34	152.55	680.79	-70.33
176	16	283	22.60	-10.06	-121.92	-15.49	-116.48	-24.05	1249.30	254.00	256.08	1247.23	-45.37
		274	22.52	-15.46	-123.64	-19.74	-119.36	-21.09	1239.51	247.88	250.99	1236.40	-55.48
		275	26.28	-18.73	-123.89	-25.49	-117.13	-25.80	1518.43	303.58	303.69	1518.32	-11.53
		284	25.45	-14.67	-119.74	-19.31	-115.09	-21.60	1459.28	290.79	290.86	1459.21	-9.34
176	48	283	14.91	-9.08	-82.35	-10.78	-80.65	-11.05	818.50	167.40	173.74	812.16	-63.95
		274	15.33	-10.95	-84.41	-11.84	-83.52	-8.05	838.56	165.76	174.33	829.99	-75.46
		275	19.00	-14.64	-83.73	-17.07	-81.29	-12.75	1111.71	222.17	222.49	1111.39	-16.87
		284	17.74	-12.96	-80.37	-14.07	-79.26	-8.59	1023.80	203.68	203.89	1023.60	-13.02
176	80	283	14.33	-8.96	-79.39	-10.42	-77.92	-10.06	785.75	160.53	167.44	778.84	-65.37
		274	14.79	-10.53	-81.50	-11.24	-80.79	-7.05	808.13	159.20	168.46	798.86	-76.99
		275	18.45	-14.28	-80.72	-16.43	-78.57	-11.76	1080.57	215.93	216.27	1080.23	-17.28
		284	17.15	-12.77	-77.44	-13.67	-76.53	-7.60	990.46	197.00	197.22	990.24	-13.30
177	16	286	19.81	188.32	4.85	186.20	6.97	-19.62	261.21	-675.41	-407.90	-6.29	423.07
		277	27.30	162.74	-7.18	161.37	-5.81	-15.20	386.35	-1242.85	-649.71	-206.80	783.92
		276	21.28	55.09	-8.26	51.88	-5.04	-13.90	287.30	-1198.17	-185.66	-725.21	692.01
		285	15.78	82.47	-11.49	76.99	-6.01	-22.02	231.97	-784.31	-140.18	-412.16	489.61
177	48	286	13.28	96.53	4.07	95.20	5.40	-11.00	204.32	-515.63	-322.28	10.97	319.09
		277	21.04	77.44	-7.56	77.08	-7.20	-5.48	334.86	-1051.39	-558.28	-158.25	663.64
		276	18.14	12.45	-5.78	11.91	-5.24	3.10	213.09	-1056.98	-162.99	-680.89	579.84
		285	11.84	32.04	-7.30	31.10	-6.36	-5.99	157.58	-678.37	-121.72	-399.07	394.30
177	80	286	12.79	89.54	4.01	88.27	5.28	-10.34	199.99	-503.45	-315.76	12.29	311.13
		277	20.57	70.95	-7.59	70.66	-7.31	-4.74	330.92	-1036.76	-551.31	-154.53	654.43
		276	17.99	10.12	-6.51	8.86	-5.25	4.39	207.54	-1046.24	-161.20	-677.50	571.27
		285	11.56	28.26	-7.05	27.60	-6.39	-4.77	152.04	-670.36	-120.25	-398.07	387.03
178	16	285	14.28	89.28	-7.73	78.87	2.69	-30.03	170.19	-705.12	-76.38	-458.56	393.73
		276	18.49	62.84	-15.19	60.02	-12.37	-14.57	69.12	-1161.91	-248.28	-844.51	538.50
		278	13.19	25.95	-32.54	12.97	-19.55	-24.31	-32.92	-869.35	-97.14	-805.13	222.69
		287	11.42	36.90	-29.85	16.52	-9.48	-30.74	80.63	-650.10	11.50	-580.98	213.86
178	48	285	10.18	35.92	-4.04	33.14	-1.26	-10.17	104.60	-588.82	-64.13	-420.09	297.54
		276	16.57	18.62	-17.19	17.67	-16.24	5.77	43.26	-1009.63	-198.23	-768.15	442.65
		278	12.20	0.06	-22.83	0.06	-22.83	0.22	-27.69	-754.66	-57.45	-724.90	144.04
		287	9.38	3.46	-15.49	0.78	-12.81	-6.61	52.49	-569.88	21.04	-538.43	136.32
178	80	285	9.89	31.90	-3.80	29.66	-1.56	-8.66	99.78	-580.07	-63.13	-417.16	290.20
		276	16.46	16.08	-18.18	14.44	-16.53	7.32	41.34	-998.11	-194.46	-762.31	435.32
		278	12.13	-0.73	-23.27	-0.92	-23.08	2.09	-26.94	-746.31	-54.48	-718.78	138.03
		287	9.33	1.18	-14.66	-0.42	-13.07	-4.77	50.84	-564.21	21.82	-535.19	130.41
179	16	287	9.69	26.83	-28.92	15.94	-18.02	-22.11	78.01	-565.00	32.06	-519.05	165.63
		278	12.80	14.62	-34.98	10.76	-31.12	-13.29	5.14	-766.48	-45.43	-715.92	190.94
		279	9.42	5.53	-44.07	-5.06	-33.47	-20.33	-34.43	-545.31	-38.63	-541.11	46.08
		288	7.94	12.40	-41.32	-4.17	-24.75	-24.81	20.59	-452.01	13.54	-444.95	57.30

179	48	287	8.99	2.01	-18.26	1.52	-17.78	-3.11	52.92	-516.99	34.37	-498.43	101.15
		278	12.04	-0.48	-32.01	-1.65	-30.85	5.95	-18.83	-706.30	-43.50	-681.62	127.89
		279	8.99	-6.88	-33.05	-6.88	-33.05	0.19	-7.63	-503.71	-7.72	-503.61	-6.91
		288	7.68	-6.66	-25.51	-7.81	-24.36	-4.51	43.19	-421.27	43.18	-421.26	2.86
179	80	287	8.94	0.57	-17.91	0.42	-17.76	-1.66	51.49	-513.82	34.60	-496.93	96.24
		278	11.99	-0.77	-32.66	-2.60	-30.83	7.42	-20.29	-702.06	-43.29	-679.07	123.09
		279	8.96	-6.91	-33.14	-7.02	-33.02	1.75	-5.18	-501.05	-5.42	-500.80	-10.95
		288	7.66	-7.56	-24.85	-8.09	-24.33	-2.96	45.38	-419.52	45.38	-419.51	-1.30
180	13	288	11.08	31.58	-59.41	-15.27	-12.56	45.47	101.94	-532.45	62.74	-493.25	-152.75
		279	11.41	35.56	-67.52	-9.93	-22.03	51.18	47.81	-601.07	8.11	-561.37	-155.50
		280	10.46	35.84	-61.66	-3.31	-22.51	47.79	128.24	-443.70	49.18	-364.65	-197.40
		289	10.07	30.99	-56.39	-9.09	-16.31	43.54	148.75	-411.62	81.50	-344.38	-182.10
180	36	288	8.02	-6.63	-32.02	-9.45	-29.19	7.98	73.31	-417.10	72.12	-415.91	-24.10
		279	9.20	-3.80	-43.72	-8.82	-38.70	13.23	17.70	-492.08	16.13	-490.51	-28.19
		280	6.47	-5.22	-41.78	-7.76	-39.24	9.29	54.79	-306.21	35.18	-286.60	-81.83
		289	5.99	-8.00	-34.19	-9.20	-33.00	5.47	80.25	-273.31	67.73	-260.78	-65.37
180	68	288	7.97	-6.39	-32.12	-9.55	-28.97	8.44	73.25	-415.29	71.78	-413.81	-26.78
		279	9.16	-3.47	-43.84	-8.83	-38.48	13.69	17.70	-490.52	15.83	-488.65	-30.79
		280	6.44	-4.90	-41.81	-7.70	-39.02	9.76	57.12	-305.39	36.45	-284.72	-84.06
		289	5.96	-7.79	-34.18	-9.20	-32.77	5.93	82.46	-272.10	69.04	-258.67	-67.67
181	13	289	11.36	33.86	-48.20	-7.30	-7.03	41.03	104.62	-554.13	48.29	-497.80	-184.22
		280	11.58	38.35	-53.02	-0.98	-13.69	45.24	81.69	-581.26	15.56	-515.13	-198.66
		281	9.90	36.01	-49.35	0.60	-13.94	42.05	139.60	-397.19	43.93	-301.52	-205.43
		290	9.50	31.03	-46.08	-5.56	-9.48	38.50	136.27	-387.21	58.82	-309.76	-185.86
181	45	289	7.75	11.38	-40.30	-8.21	-20.71	25.07	106.41	-399.17	64.54	-357.30	-139.33
		280	8.05	15.57	-47.10	-4.15	-27.38	29.10	81.59	-432.61	30.60	-381.62	-153.69
		281	6.77	13.56	-43.93	-2.73	-27.64	25.91	143.93	-254.90	57.82	-168.78	-164.10
		290	6.21	9.10	-38.90	-6.63	-23.17	22.53	141.19	-237.30	73.92	-170.04	-144.68
181	77	289	7.48	9.77	-39.80	-8.27	-21.75	23.85	106.54	-387.31	65.78	-346.55	-135.90
		280	7.78	13.94	-46.76	-4.39	-28.42	27.87	81.58	-421.24	31.74	-371.41	-150.25
		281	6.55	11.99	-43.65	-2.98	-28.68	24.68	144.37	-244.11	58.87	-158.62	-160.94
		290	5.98	7.58	-38.50	-6.71	-24.20	21.31	141.63	-225.90	75.08	-159.34	-141.54
182	16	290	8.95	-3.45	-80.34	-10.94	-72.85	-22.80	424.26	144.25	148.59	419.92	-34.59
		281	8.75	-8.17	-83.39	-13.88	-77.69	-19.91	400.43	116.45	126.09	390.78	-51.43
		282	11.81	-6.64	-85.07	-13.97	-77.74	-22.83	616.34	151.50	158.11	609.74	-55.02
		291	11.83	-2.10	-82.93	-10.78	-74.25	-25.03	621.32	163.01	166.01	618.32	-37.01
182	48	290	4.93	-8.20	-55.68	-9.22	-54.67	-6.87	228.82	66.53	114.21	181.14	-73.92
		281	5.20	-9.30	-59.79	-9.60	-59.49	-3.85	227.33	30.74	93.81	164.25	-91.77
		282	8.03	-8.46	-60.44	-9.35	-59.54	-6.75	411.09	92.81	120.42	383.47	-89.60
		291	7.68	-7.04	-57.75	-8.72	-56.07	-9.08	398.05	107.61	125.87	379.79	-70.49
182	80	290	4.69	-8.37	-54.00	-9.09	-53.28	-5.66	218.29	56.12	111.58	162.84	-76.93
		281	5.01	-9.13	-58.25	-9.27	-58.11	-2.63	217.95	20.28	91.34	146.90	-94.85
		282	7.78	-8.39	-58.77	-9.00	-58.16	-5.53	396.61	87.05	117.53	366.13	-92.23
		291	7.39	-7.26	-55.99	-8.56	-54.68	-7.87	382.09	102.21	122.79	361.51	-73.05
183	16	291	15.09	-3.92	-89.63	-12.10	-81.45	-25.19	834.68	203.04	205.87	831.85	-42.19
		282	14.88	-8.63	-91.95	-15.38	-85.20	-22.72	812.85	188.35	194.13	807.08	-59.76
		283	18.01	-8.88	-93.25	-17.45	-84.68	-25.49	1035.08	218.91	221.82	1032.17	-48.64
		292	17.90	-4.47	-90.85	-13.54	-81.78	-26.48	1029.04	219.01	220.41	1027.65	-33.60
183	48	291	9.35	-7.74	-62.58	-9.47	-60.85	-9.59	499.31	127.84	142.47	484.68	-72.26
		282	9.59	-9.19	-65.50	-10.08	-64.60	-7.03	503.00	112.30	134.79	480.51	-91.00
		283	12.61	-9.80	-65.84	-11.56	-64.08	-9.77	714.48	150.37	159.15	705.71	-69.81
		292	12.12	-8.09	-63.40	-10.31	-61.18	-10.85	685.95	148.23	153.60	680.59	-53.42
183	80	291	8.93	-7.90	-60.66	-9.27	-59.28	-8.40	474.58	121.12	137.61	458.08	-74.55
		282	9.22	-9.04	-63.67	-9.67	-63.04	-5.83	480.39	105.34	130.24	455.49	-93.39
		283	12.21	-9.71	-63.91	-11.11	-62.52	-8.58	690.21	144.83	154.35	680.69	-71.43
		292	11.68	-8.24	-61.43	-10.06	-59.62	-9.66	659.90	142.57	148.48	654.00	-54.93
184	16	292	21.18	-6.98	-94.36	-15.22	-86.12	-25.54	1253.24	261.53	262.58	1252.18	-32.35
		283	21.16	-12.66	-95.47	-18.99	-89.14	-21.99	1249.55	258.86	261.24	1247.17	-48.52
		284	24.15	-10.49	-96.59	-19.19	-87.89	-25.95	1459.38	290.84	290.92	1459.30	-9.43
		293	23.57	-7.36	-92.22	-13.95	-85.63	-22.71	1419.78	282.47	282.51	1419.74	-6.68
184	48	292	13.79	-8.93	-66.94	-11.31	-64.56	-11.50	794.17	168.08	171.89	790.37	-48.67
		283	14.24	-11.37	-68.70	-12.48	-67.59	-7.92	818.14	169.12	175.76	811.50	-65.27
		284	17.12	-11.40	-68.91	-13.97	-66.34	-11.89	1023.89	203.73	203.94	1023.68	-13.11
		293	16.14	-9.95	-65.47	-11.34	-64.08	-8.67	958.09	190.16	190.28	957.97	-9.69
184	80	292	13.23	-8.99	-64.94	-11.01	-62.92	-10.43	759.19	160.75	164.94	755.00	-49.91
		283	13.72	-11.13	-66.80	-11.99	-65.95	-6.85	785.33	162.02	169.21	778.14	-66.55
		284	16.58	-11.38	-66.90	-13.57	-64.70	-10.82	990.55	197.06	197.28	990.32	-13.39
		293	15.58	-10.04	-63.54	-11.14	-62.44	-7.61	922.74	183.09	183.22	922.61	-9.92
185	16	295	13.71	142.86	-0.75	140.81	1.30	-17.04	124.95	-441.70	-287.70	-29.04	252.08
		286	17.16	130.17	-1.65	128.07	0.46	-16.54	209.66	-685.51	-412.24	-63.61	412.25
		285	14.22	59.10	-6.67	54.85	-2.42	-16.18	145.28	-766.06	-203.10	-417.68	442.86
		294	10.20	76.35	-7.77	70.84	-2.25	-20.83	73.28	-489.38	-137.61	-278.49	272.37
185	48	295	8.67	75.92	-0.75	74.90	0.27	-8.79	93.03	-314.85	-209.35	-12.48	178.61
		286	12.26	67.31	-1.30	66.46	-0.46	-7.59	176.35	-547.78	-332.36	-39.08	331.04
		285	10.93	20.94	-2.91	20.62	-2.60	-2.73	116.42	-655.09	-142.60	-396.08	364.34
		294	6.86	34.54	-4.25	32.81	-2.53	-8.00	49.98	-394.00	-79.10	-264.91	201.61
185	80	295	8.29	70.82	-0.75	69.88	0.19	-8.16	90.57	-305.21	-203.43	-11.21	172.98

		286	11.89	62.53	-1.28	61.77	-0.53	-6.91	173.77	-537.31	-326.33	-37.21	324.82
		285	10.71	18.15	-2.75	18.01	-2.61	-1.70	114.31	-646.81	-138.07	-394.43	358.33
		294	6.64	31.37	-4.00	29.91	-2.55	-7.02	48.50	-387.10	-74.72	-263.87	196.19
186	16	294	10.48	85.42	-14.58	70.61	0.23	-35.52	34.37	-478.37	-116.45	-327.55	233.63
		285	13.75	69.60	-14.53	57.94	-2.87	-29.07	63.23	-737.19	-178.78	-495.19	367.61
		287	11.22	35.30	-29.75	15.83	-10.28	-29.79	91.60	-637.36	26.31	-572.08	208.16
		296	9.58	48.41	-30.96	22.90	-5.46	-37.06	115.47	-480.74	71.05	-436.32	156.56
186	48	294	6.67	37.99	-7.66	32.59	-2.27	-14.74	24.43	-378.87	-58.02	-296.42	162.65
		285	9.91	24.65	-7.41	22.56	-5.32	-7.91	49.07	-615.68	-117.87	-448.74	288.28
		287	9.27	2.96	-14.46	0.81	-12.32	-5.73	59.51	-557.37	30.74	-528.61	130.07
		296	7.37	13.90	-15.82	5.62	-7.54	-13.33	88.62	-423.42	73.37	-408.17	87.05
186	80	294	6.41	34.39	-7.15	29.70	-2.46	-13.15	24.04	-371.76	-53.65	-294.07	157.21
		285	9.65	21.34	-6.98	19.86	-5.51	-6.29	48.12	-606.64	-113.31	-445.21	282.20
		287	9.20	0.81	-13.61	-0.33	-12.47	-3.89	57.60	-551.73	31.17	-525.30	124.12
		296	7.31	11.29	-14.68	4.31	-7.70	-11.52	87.19	-419.59	73.64	-406.04	81.75
187	13	296	10.09	26.79	-83.00	-40.77	-15.45	53.41	99.79	-385.85	73.15	-359.21	-110.59
		287	10.28	31.55	-93.45	-40.52	-21.38	61.77	42.31	-455.63	29.48	-442.80	-78.89
		288	10.98	40.13	-86.54	-20.11	-26.31	63.26	123.99	-407.09	71.75	-354.85	-158.16
		297	10.41	34.29	-78.23	-23.05	-20.89	56.25	152.38	-369.14	106.65	-323.41	-147.50
187	44	296	7.17	11.91	-17.58	4.69	-10.36	-12.68	88.28	-396.34	79.18	-387.24	65.79
		287	8.93	2.11	-17.61	0.85	-16.35	-4.82	53.02	-521.21	34.32	-502.51	101.92
		288	7.74	-4.44	-24.33	-7.07	-21.70	-6.74	72.03	-416.78	72.01	-416.76	3.03
		297	6.93	2.94	-25.46	-6.30	-16.23	-13.30	108.98	-353.61	108.81	-353.44	8.95
187	76	296	7.13	9.46	-16.47	3.48	-10.50	-10.92	86.88	-394.37	79.00	-386.49	61.09
		287	8.89	0.30	-17.04	-0.25	-16.49	-3.05	51.26	-517.99	34.18	-500.91	97.11
		288	7.71	-5.92	-23.31	-7.42	-21.82	-4.87	72.00	-415.10	71.99	-415.10	-1.25
		297	6.90	0.87	-23.96	-6.74	-16.35	-11.45	108.79	-352.68	108.74	-352.63	4.79
188	13	297	11.13	32.52	-71.08	-20.60	-17.96	51.78	121.90	-497.58	85.47	-461.14	-145.75
		288	11.63	38.00	-79.60	-17.70	-23.91	58.72	88.88	-543.56	50.10	-504.79	-151.72
		289	10.81	39.08	-76.03	-9.66	-27.29	56.87	140.15	-415.31	71.31	-346.47	-183.02
		298	10.06	33.34	-69.46	-13.25	-22.87	51.18	146.57	-388.29	93.42	-335.14	-160.02
188	45	297	8.12	11.70	-46.69	-15.78	-19.21	29.14	113.69	-413.95	95.89	-396.15	-95.28
		288	8.58	16.67	-56.05	-14.21	-25.17	35.94	79.19	-464.41	59.66	-444.88	-101.16
		289	7.58	16.01	-54.15	-9.56	-28.59	33.76	123.38	-332.66	78.46	-287.74	-135.89
		298	6.90	10.86	-46.86	-11.84	-24.15	28.20	133.07	-302.86	101.47	-271.27	-113.02
188	77	297	7.90	10.13	-44.84	-15.41	-19.30	27.42	113.20	-407.78	96.63	-391.21	-91.42
		288	8.35	15.07	-54.28	-13.94	-25.27	34.21	78.58	-458.59	60.34	-440.35	-97.30
		289	7.34	14.29	-52.52	-9.55	-28.69	32.00	122.13	-326.46	78.97	-283.30	-132.29
		298	6.67	9.18	-45.17	-11.74	-24.25	26.45	132.10	-296.46	102.05	-266.41	-109.43
189	13	298	11.06	32.18	-62.34	-11.58	-18.58	47.13	101.32	-538.87	57.02	-494.57	-162.48
		289	11.59	38.08	-68.66	-7.17	-23.41	52.75	92.58	-558.09	35.08	-500.58	-184.69
		290	9.99	36.55	-66.36	-4.12	-25.69	50.31	124.90	-391.56	45.89	-312.55	-185.91
		299	9.25	30.96	-61.66	-8.44	-22.26	45.79	111.22	-382.71	53.89	-325.39	-158.20
189	45	298	7.38	9.62	-44.17	-11.05	-23.51	26.16	112.01	-374.59	81.81	-344.40	-117.39
		289	7.94	14.85	-51.53	-8.33	-28.35	31.65	100.77	-400.87	58.45	-358.54	-139.42
		290	6.61	13.26	-50.00	-6.11	-30.63	29.15	136.08	-239.45	67.96	-171.33	-144.71
		299	5.76	8.46	-44.39	-8.74	-27.19	24.76	123.32	-221.94	77.40	-176.02	-117.24
189	77	298	7.10	7.95	-42.84	-11.01	-23.88	24.57	112.83	-362.02	83.70	-332.90	-113.94
		289	7.66	13.14	-50.28	-8.42	-28.72	30.04	101.39	-388.84	60.22	-347.67	-135.96
		290	6.36	11.56	-48.83	-6.26	-31.01	27.54	137.00	-227.87	69.65	-160.52	-141.56
		299	5.51	6.83	-43.16	-8.77	-27.56	23.16	124.27	-209.66	79.20	-164.59	-114.10
190	16	299	8.45	7.02	-66.47	-11.09	-48.36	-31.67	452.32	187.09	187.31	452.09	-7.70
		290	8.01	0.79	-66.65	-13.67	-52.19	-27.68	427.27	157.63	162.15	422.75	-34.61
		291	10.83	2.84	-69.42	-13.09	-53.48	-29.96	623.13	172.58	175.85	619.86	-38.23
190	48	300	11.07	8.13	-68.99	-10.24	-50.62	-32.84	633.22	180.76	181.09	632.88	-12.34
		299	4.34	-5.81	-45.18	-10.09	-40.90	-12.26	223.77	112.91	138.94	197.73	-46.99
		290	4.48	-8.81	-46.58	-10.66	-44.73	-8.15	231.68	71.58	120.78	182.47	-73.87
		291	7.17	-7.14	-48.82	-9.94	-46.02	-10.42	399.18	111.75	130.52	380.41	-71.00
		300	6.96	-4.44	-47.82	-9.09	-43.17	-13.42	387.27	125.06	132.95	379.37	-44.80
190	80	299	4.08	-6.57	-43.78	-10.01	-40.34	-10.78	211.17	102.32	135.24	178.24	-50.00
		290	4.29	-9.16	-45.43	-10.43	-44.16	-6.67	221.14	60.53	117.61	164.06	-76.87
		291	6.92	-7.59	-47.56	-9.70	-45.46	-8.94	383.16	105.94	127.04	362.07	-73.51
		300	6.67	-5.19	-46.41	-9.00	-42.60	-11.94	369.27	119.95	129.26	359.95	-47.28
191	16	300	14.28	3.44	-70.99	-11.78	-55.77	-30.02	859.30	224.01	224.48	858.83	-17.37
		291	13.94	-2.09	-71.64	-14.79	-58.93	-26.88	836.45	212.52	215.57	833.39	-43.55
		292	16.79	-0.30	-73.34	-14.41	-59.23	-28.83	1029.26	222.11	223.60	1027.77	-34.65
		301	16.86	4.29	-71.87	-10.86	-56.73	-30.40	1032.03	223.36	223.64	1031.75	-15.03
191	48	300	8.65	-6.18	-50.72	-9.98	-46.92	-12.44	496.09	145.48	151.78	489.79	-46.57
		291	8.81	-8.77	-52.13	-10.83	-50.07	-9.22	500.28	132.02	147.03	485.27	-72.82
		292	11.57	-7.83	-53.31	-10.77	-50.37	-11.19	685.88	149.57	155.04	680.41	-53.86
		301	11.23	-5.50	-51.76	-9.38	-47.88	-12.83	665.73	148.65	150.90	663.49	-33.99
191	80	300	8.23	-6.72	-49.36	-9.84	-46.25	-11.10	468.90	138.83	146.21	461.52	-48.80
		291	8.44	-9.00	-50.94	-10.53	-49.40	-7.88	475.48	124.90	141.78	458.60	-75.05
		292	11.18	-8.16	-52.03	-10.50	-49.70	-9.85	659.81	143.78	149.78	653.80	-55.33
		301	10.81	-6.06	-50.41	-9.27	-47.20	-11.49	637.83	142.77	145.32	635.28	-35.44
192	16	301	20.18	0.10	-73.21	-12.67	-60.44	-27.80	1265.08	268.51	268.71	1264.87	-14.20
		292	20.01	-6.33	-73.01	-16.26	-63.08	-23.74	1253.44	264.60	265.74	1252.30	-33.50

		293	22.48	-1.68	-74.84	-13.82	-62.69	-27.22	1419.76	282.48	282.52	1419.72	-6.75
		302	22.23	0.67	-70.49	-9.27	-60.55	-24.67	1404.36	279.14	279.16	1404.35	-3.55
192	48	301	12.94	-6.85	-54.53	-10.45	-50.92	-12.61	778.24	169.63	171.11	776.76	-30.02
		292	13.24	-10.17	-55.24	-11.85	-53.56	-8.52	794.05	169.43	173.33	790.16	-49.19
		293	15.62	-8.04	-56.38	-11.24	-53.18	-12.02	958.07	190.17	190.30	957.95	-9.76
		302	14.98	-6.88	-53.07	-8.92	-51.03	-9.50	916.66	181.68	181.74	916.60	-6.46
192	80	301	12.39	-7.23	-53.25	-10.29	-50.20	-11.45	741.06	161.95	163.63	739.38	-31.23
		292	12.73	-10.24	-54.11	-11.51	-52.84	-7.37	759.05	161.97	166.25	754.77	-50.38
		293	15.10	-8.36	-55.13	-11.04	-52.45	-10.87	922.72	183.10	183.23	922.58	-9.99
		302	14.43	-7.28	-51.93	-8.89	-50.31	-8.34	879.32	174.22	174.28	879.25	-6.68
193	16	304	9.56	106.13	-2.86	103.53	-0.26	-16.63	33.72	-282.02	-224.87	-23.43	121.56
		295	11.69	97.41	-2.48	94.83	0.10	-15.85	97.67	-441.18	-300.90	-42.61	236.46
		294	9.10	51.56	-6.63	46.64	-1.72	-16.19	51.02	-478.30	-140.04	-287.24	254.22
		303	5.86	61.95	-7.47	56.23	-1.76	-19.07	-28.29	-285.85	-87.88	-226.25	108.62
193	48	304	5.59	59.60	-1.95	58.43	-0.78	-8.41	20.15	-170.63	-141.47	-9.01	68.65
		295	7.69	53.54	-1.29	52.59	-0.34	-7.16	80.60	-317.82	-216.19	-21.03	173.67
		294	6.44	21.89	-2.68	20.92	-1.71	-4.78	40.52	-390.39	-79.99	-269.88	193.41
		303	3.98	30.02	-3.88	27.97	-1.83	-8.09	-13.40	-232.55	-29.81	-216.15	57.67
193	80	304	5.29	56.06	-1.89	54.99	-0.82	-7.78	19.12	-162.24	-135.20	-7.91	64.59
		295	7.39	50.21	-1.21	49.38	-0.37	-6.50	79.25	-308.46	-209.82	-19.39	168.86
		294	6.26	19.68	-2.43	18.96	-1.71	-3.91	39.94	-384.03	-75.52	-268.57	188.74
		303	3.93	27.60	-3.62	25.81	-1.83	-7.25	-11.32	-229.55	-25.49	-215.38	53.76
194	13	303	8.83	17.96	-77.65	-52.04	-7.65	42.34	177.06	-198.60	146.33	-167.87	-102.95
		294	7.56	21.43	-82.56	-52.93	-8.20	46.94	106.93	-209.03	105.97	-208.07	-17.36
		296	10.14	31.21	-79.76	-36.67	-11.88	54.08	174.59	-338.79	158.34	-322.54	-89.90
		305	10.25	25.38	-72.94	-37.37	-10.19	47.24	212.26	-318.60	185.67	-292.01	-115.81
194	45	303	5.45	8.33	-37.93	-23.87	-5.73	21.28	95.39	-204.61	86.99	-196.21	-49.50
		294	4.98	11.12	-43.96	-26.53	-6.32	25.62	52.05	-249.08	45.58	-242.61	43.67
		296	7.56	15.06	-48.16	-22.85	-10.25	30.98	116.74	-355.83	114.67	-353.76	-31.20
		305	7.60	9.99	-40.55	-22.02	-8.53	24.35	152.43	-325.89	143.52	-316.98	-64.70
194	77	303	5.22	7.61	-34.92	-21.72	-5.59	19.68	89.73	-205.51	82.58	-198.35	-45.40
		294	5.00	10.35	-41.04	-24.51	-6.17	24.00	49.03	-253.17	41.09	-245.22	48.35
		296	7.40	13.83	-45.76	-21.80	-10.13	29.22	112.98	-357.64	111.46	-356.12	-26.70
		305	7.43	8.82	-38.08	-20.85	-8.40	22.61	148.33	-326.76	140.42	-318.86	-60.77
195	13	305	10.21	28.36	-79.29	-36.09	-14.84	52.77	132.38	-359.60	93.54	-320.76	-132.67
		296	10.56	33.73	-86.77	-35.88	-17.17	59.52	167.83	-371.00	151.64	-354.81	-91.97
		297	10.73	38.27	-84.61	-24.13	-22.21	61.44	148.01	-368.34	101.98	-322.30	-147.15
		306	9.96	31.89	-76.74	-24.96	-19.88	54.26	157.84	-343.61	120.35	-306.13	-131.88
195	45	305	7.47	10.71	-44.25	-21.49	-12.05	27.07	114.24	-343.68	100.80	-330.24	-77.30
		296	7.72	15.56	-52.30	-22.35	-14.39	33.70	114.21	-371.44	111.09	-368.32	-38.81
		297	7.83	16.14	-53.40	-17.73	-19.54	34.76	124.13	-352.13	105.84	-333.84	-91.52
		306	7.30	10.09	-45.22	-17.93	-17.20	27.65	139.22	-328.48	125.22	-314.48	-79.69
195	77	305	7.30	9.37	-41.59	-20.38	-11.84	25.12	113.26	-342.89	101.23	-330.87	-73.08
		296	7.54	14.18	-49.68	-21.32	-14.18	31.73	110.64	-371.77	108.13	-369.25	-34.74
		297	7.64	14.46	-51.03	-17.24	-19.33	32.73	122.72	-351.29	106.06	-334.63	-87.29
		306	7.13	8.44	-42.82	-17.39	-16.99	25.63	138.17	-327.67	125.51	-315.02	-75.72
196	13	306	10.87	29.85	-75.43	-23.19	-22.38	52.64	129.06	-480.39	97.41	-448.73	-135.24
		297	11.41	36.28	-83.28	-21.86	-25.14	59.76	115.08	-498.43	78.67	-462.02	-144.95
		298	10.50	37.19	-81.87	-14.90	-29.79	59.06	139.00	-391.16	84.84	-337.01	-160.56
		307	9.47	30.71	-75.26	-16.77	-27.78	52.70	129.22	-372.42	92.73	-335.92	-130.28
196	45	306	7.82	8.53	-45.36	-17.10	-19.73	26.92	126.79	-393.25	112.13	-378.59	-86.06
		297	8.25	14.55	-53.61	-16.57	-22.50	33.95	110.35	-414.19	92.54	-396.38	-95.00
		298	7.15	13.72	-53.71	-12.81	-27.18	32.94	129.49	-303.98	97.51	-272.00	-113.32
		307	6.25	7.84	-46.71	-13.72	-25.16	26.67	124.30	-284.35	106.31	-266.36	-83.84
196	77	306	7.61	6.92	-43.08	-16.63	-19.53	24.96	126.75	-386.80	113.20	-373.25	-82.30
		297	8.03	12.91	-51.36	-16.16	-22.29	31.99	110.13	-407.97	93.55	-391.39	-91.18
		298	6.91	11.95	-51.59	-12.66	-26.98	30.95	128.85	-297.46	98.45	-267.06	-109.70
		307	6.02	6.12	-44.57	-13.49	-24.96	24.69	124.06	-277.79	107.32	-261.06	-80.28
197	13	307	10.46	26.72	-71.52	-15.64	-29.16	48.65	86.43	-534.56	55.33	-503.46	-135.46
		298	11.18	33.49	-77.98	-12.89	-31.59	54.95	92.59	-541.65	47.58	-496.63	-162.85
		299	9.58	33.03	-77.34	-9.21	-35.10	53.64	104.80	-385.48	46.56	-327.23	-158.63
		308	8.61	27.26	-72.38	-11.76	-33.37	48.64	82.53	-379.94	45.25	-342.66	-125.90
197	45	307	6.85	5.47	-45.83	-13.26	-27.10	24.70	104.64	-361.75	86.63	-343.74	-89.87
		298	7.49	11.44	-52.83	-11.84	-29.54	30.89	107.87	-375.79	77.39	-345.31	-117.53
		299	6.04	10.65	-52.98	-9.27	-33.06	29.51	120.32	-223.26	73.99	-176.93	-117.35
		308	4.98	5.79	-47.62	-10.51	-31.32	24.60	99.31	-209.13	74.16	-183.97	-84.41
197	77	307	6.69	3.89	-43.91	-13.08	-26.94	22.88	106.07	-348.56	89.02	-331.51	-86.38
		298	7.21	9.79	-50.94	-11.76	-29.38	29.06	109.05	-363.11	79.66	-333.72	-114.07
		299	5.78	8.99	-51.18	-9.28	-32.91	27.67	121.53	-210.86	76.09	-165.42	-114.19
		308	4.71	4.23	-45.81	-10.41	-31.16	22.77	100.60	-196.05	76.37	-171.82	-81.24
198	16	308	8.57	21.53	-58.75	-8.34	-28.87	-38.80	484.00	202.00	204.56	481.44	26.75
		299	7.78	14.45	-56.75	-11.27	-31.03	-34.20	453.96	195.84	196.02	453.77	-6.94
		300	10.31	15.56	-58.92	-10.18	-33.17	-35.42	634.03	185.89	186.19	633.72	-11.74
		309	10.85	21.29	-59.85	-7.08	-31.48	-38.69	652.49	187.58	188.38	651.69	19.30
198	48	308	4.23	0.46	-39.91	-9.03	-30.43	-17.12	214.12	146.05	148.76	211.41	-13.32
		299	4.01	-4.75	-38.12	-10.30	-32.58	-12.42	224.95	116.71	143.17	198.49	-46.51
		300	6.55	-3.26	-40.64	-9.18	-34.72	-13.64	387.49	127.58	135.40	379.67	-44.40

198	80	309	6.63	0.81	-41.57	-7.73	-33.03	-17.00	383.66	133.91	134.66	382.91	-13.73
		308	3.93	-0.99	-38.64	-9.08	-30.55	-15.46	195.93	139.28	144.49	190.72	-16.38
		299	3.78	-5.90	-37.02	-10.22	-32.69	-10.76	212.42	105.63	139.12	178.93	-49.54
		300	6.30	-4.39	-39.56	-9.10	-34.84	-11.99	369.44	122.27	131.51	360.20	-46.90
199	16	309	6.32	-0.55	-40.38	-7.78	-33.15	-15.35	363.45	129.41	130.55	362.31	-16.25
		309	13.92	15.16	-58.04	-8.59	-34.29	-34.27	889.52	235.44	235.76	889.20	14.42
		300	13.35	8.95	-57.18	-11.93	-36.30	-30.74	860.08	229.14	229.59	859.62	-16.85
		301	15.93	10.79	-58.26	-10.27	-37.20	-31.79	1032.17	225.27	225.52	1031.92	-14.43
199	48	310	16.27	15.54	-57.72	-6.70	-35.48	-33.69	1049.13	227.62	227.69	1049.06	7.53
		309	8.28	-1.79	-42.46	-8.64	-35.61	-15.22	498.86	155.40	156.10	498.16	-15.48
		300	8.20	-5.87	-41.87	-10.13	-37.61	-11.63	496.29	147.99	154.23	490.05	-46.21
		301	10.78	-4.43	-43.25	-9.16	-38.52	-12.70	665.64	149.58	151.79	663.44	-33.66
199	80	310	10.70	-1.38	-42.87	-7.44	-36.80	-14.66	659.42	149.39	149.68	659.13	-12.06
		309	7.85	-2.87	-41.48	-8.64	-35.71	-13.77	469.19	149.01	150.00	468.20	-17.77
		300	7.82	-6.66	-41.04	-9.99	-37.71	-10.17	469.06	141.13	148.46	461.74	-48.45
		301	10.39	-5.28	-42.41	-9.08	-38.62	-11.25	637.72	143.63	146.14	635.21	-35.13
200	16	310	10.29	-2.44	-41.96	-7.50	-36.90	-13.21	629.64	143.32	143.70	629.26	-13.56
		310	19.62	10.27	-56.77	-8.47	-38.03	-30.09	1292.89	276.14	276.20	1292.84	7.56
		301	19.16	3.19	-55.29	-12.20	-39.90	-25.75	1265.20	270.42	270.61	1265.02	-13.66
		302	21.27	8.09	-57.35	-9.16	-40.10	-28.83	1404.24	279.12	279.13	1404.22	-3.57
200	48	311	21.43	9.76	-53.18	-5.05	-38.37	-26.70	1417.76	281.69	281.69	1417.76	0.11
		310	12.43	-3.15	-44.61	-8.51	-39.25	-13.91	777.08	171.94	172.08	776.95	-9.02
		301	12.45	-7.56	-43.85	-10.28	-41.13	-9.55	778.16	170.56	172.02	776.70	-29.73
		302	14.52	-4.48	-45.67	-8.83	-41.33	-12.65	916.54	181.66	181.72	916.49	-6.48
200	80	311	14.27	-3.65	-42.69	-6.74	-39.60	-10.54	902.47	178.76	178.77	902.46	-3.06
		310	11.88	-3.97	-43.89	-8.51	-39.35	-12.68	737.62	163.92	164.10	737.44	-10.28
		301	11.95	-8.05	-43.31	-10.14	-41.22	-8.32	740.96	162.80	164.46	739.30	-30.95
		302	14.01	-5.20	-45.02	-8.80	-41.42	-11.42	879.20	174.19	174.26	879.13	-6.70
201	13	311	13.73	-4.41	-42.15	-6.87	-39.69	-9.31	863.01	170.87	170.89	863.00	-3.31
		313	5.41	5.05	-36.24	-29.31	-1.88	15.42	212.86	-41.44	127.87	43.55	-119.96
		304	3.86	7.28	-37.86	-29.49	-1.09	17.54	122.41	4.32	86.28	40.45	-54.42
		303	6.42	11.61	-42.24	-29.45	-1.18	22.92	138.86	-196.18	124.90	-182.22	-66.94
201	45	312	8.42	8.53	-40.23	-30.24	-1.46	19.68	226.47	-259.57	159.96	-193.07	-167.03
		313	3.04	4.52	-9.54	-3.39	-1.63	6.98	126.16	-55.30	46.45	24.42	-90.06
		304	1.19	6.04	-12.13	-5.20	-0.89	8.82	29.71	-3.40	4.93	21.38	-14.37
		303	4.38	7.04	-21.36	-13.13	-1.19	12.89	71.86	-198.02	69.44	-195.61	-25.41
201	77	312	6.31	4.39	-18.25	-12.43	-1.43	9.90	155.96	-257.10	105.26	-206.40	-135.54
		313	2.89	4.82	-7.84	-1.41	-1.61	6.33	119.82	-56.54	40.33	22.96	-87.75
		304	1.04	6.14	-10.36	-3.35	-0.87	8.16	24.83	-6.08	-1.18	19.93	-11.29
		303	4.25	6.71	-19.79	-11.88	-1.19	12.13	67.19	-198.50	65.32	-196.63	-22.21
202	13	312	6.16	4.10	-16.60	-11.07	-1.43	9.15	150.68	-256.90	101.20	-207.42	-133.11
		312	9.64	24.12	-61.49	-30.82	-6.55	41.05	241.52	-236.01	176.08	-170.57	-164.22
		303	7.86	27.41	-64.59	-30.65	-6.54	44.39	163.15	-183.65	141.63	-162.13	-83.67
		305	9.80	29.03	-67.81	-29.55	-9.23	47.34	203.70	-312.53	180.61	-289.45	-106.69
202	45	314	10.19	22.45	-62.53	-30.84	-9.25	41.09	231.79	-337.54	202.89	-308.64	-124.96
		312	6.82	11.41	-29.63	-13.25	-4.97	20.10	163.34	-249.15	118.58	-204.39	-128.29
		303	5.04	14.26	-33.23	-14.00	-4.97	23.31	90.01	-198.90	84.45	-193.34	-39.70
		305	7.46	12.85	-39.18	-18.55	-7.78	25.45	149.00	-323.60	141.02	-315.62	-60.88
202	77	314	8.06	6.72	-33.53	-19.03	-7.78	19.32	178.92	-351.96	164.26	-337.31	-86.98
		312	6.62	10.46	-27.22	-11.92	-4.84	18.50	157.54	-250.18	114.31	-206.95	-125.53
		303	4.85	13.27	-30.85	-12.73	-4.85	21.71	84.91	-200.40	80.21	-195.70	-36.32
		305	7.31	11.62	-37.00	-17.72	-7.67	23.78	145.23	-324.71	138.12	-317.60	-57.36
203	13	314	7.92	5.52	-31.32	-18.13	-7.66	17.66	175.17	-353.21	161.44	-339.48	-84.06
		314	10.82	26.44	-72.52	-30.08	-15.99	48.98	229.42	-369.10	196.91	-336.59	-135.65
		305	9.93	33.20	-78.26	-28.91	-16.14	55.36	125.82	-351.93	91.83	-317.94	-122.82
		306	9.98	33.02	-78.85	-24.71	-21.12	55.91	155.02	-342.64	118.58	-306.20	-129.64
203	45	315	9.05	25.17	-71.97	-25.04	-21.76	48.55	145.79	-339.73	122.20	-316.15	-104.37
		314	8.24	7.74	-38.87	-18.83	-12.30	23.08	176.35	-366.75	159.12	-349.52	-95.17
		305	7.38	14.14	-44.91	-18.31	-12.46	29.38	112.00	-340.63	99.93	-328.56	-72.92
		306	7.37	11.69	-47.23	-18.04	-17.50	29.46	138.22	-328.40	124.42	-314.60	-79.05
203	77	315	6.84	4.12	-40.17	-17.92	-18.13	22.15	135.66	-333.17	128.47	-325.99	-57.59
		314	8.07	6.32	-36.31	-17.97	-12.02	21.11	172.58	-366.63	156.38	-350.42	-92.06
		305	7.22	12.69	-42.37	-17.50	-12.18	27.40	111.28	-340.11	100.44	-329.27	-69.12
		306	7.20	10.06	-44.82	-17.54	-17.22	27.44	137.29	-327.64	124.80	-315.14	-75.20
204	13	315	6.71	2.52	-37.75	-17.38	-17.85	20.14	135.20	-332.97	128.88	-326.65	-54.03
		315	10.23	21.72	-75.27	-24.90	-28.65	48.46	120.12	-486.84	97.13	-463.85	-115.86
		306	10.83	30.21	-81.74	-23.19	-28.34	55.91	124.58	-479.96	93.81	-449.20	-132.86
		307	9.60	30.36	-82.21	-18.23	-33.62	55.76	127.87	-374.21	90.79	-337.13	-131.31
204	45	316	8.34	23.44	-76.42	-18.60	-34.38	49.30	104.02	-361.60	83.19	-340.76	-96.27
		315	7.46	1.99	-42.59	-17.93	-22.68	22.16	123.20	-401.43	114.13	-392.36	-68.38
		306	7.84	9.78	-49.45	-17.30	-22.37	29.51	124.90	-393.21	110.49	-378.80	-85.19
		307	6.36	8.70	-51.00	-14.63	-27.68	29.13	123.64	-285.31	105.44	-267.10	-84.34
204	77	316	5.92	2.52	-45.15	-14.20	-28.43	22.75	104.66	-276.16	98.11	-269.61	-49.49
		315	7.38	0.50	-40.11	-17.40	-22.22	20.16	123.60	-395.13	115.39	-386.91	-64.75
		306	7.63	8.23	-47.00	-16.85	-21.92	27.50	125.06	-386.78	111.72	-373.44	-81.55
		307	6.14	7.07	-48.64	-14.35	-27.23	27.10	123.46	-278.69	106.54	-261.76	-80.75
		316	5.83	0.97	-42.82	-13.87	-27.98	20.73	104.95	-269.90	99.23	-264.19	-45.91

205	13	316	9.80	17.63	-76.85	-18.60	-40.62	45.94	55.97	-543.51	37.06	-524.60	-104.77
		307	10.36	24.99	-82.37	-17.06	-40.31	52.41	78.21	-536.83	46.02	-504.65	-136.97
		308	8.67	25.98	-83.40	-13.02	-44.40	52.39	76.25	-381.94	37.77	-343.46	-127.09
205	45	317	7.67	20.47	-79.23	-14.09	-44.67	47.45	46.29	-381.54	25.16	-360.41	-92.70
		316	7.18	-0.46	-46.47	-14.37	-32.56	21.13	82.76	-363.06	75.18	-355.49	-57.63
		307	7.06	5.78	-52.15	-14.11	-32.26	27.50	100.78	-362.85	82.36	-344.43	-90.56
205	77	308	5.10	6.31	-53.94	-11.27	-36.36	27.39	96.30	-210.10	70.67	-184.46	-84.84
		317	4.94	2.01	-49.77	-11.14	-36.62	22.54	69.27	-202.01	59.81	-192.54	-49.78
		316	6.99	-1.77	-44.22	-14.04	-31.94	19.24	84.91	-349.36	78.08	-342.53	-54.02
206	16	307	6.87	4.34	-49.87	-13.88	-31.65	25.61	102.54	-349.57	85.13	-332.16	-87.01
		308	4.84	4.86	-51.74	-11.14	-35.74	25.49	97.83	-196.94	73.18	-172.29	-81.61
		317	4.74	0.70	-47.62	-10.92	-36.00	20.65	71.07	-188.31	62.45	-179.69	-46.50
206	48	317	9.05	34.76	-52.53	-4.56	-13.21	-43.43	522.27	191.60	204.74	509.13	64.60
		308	7.98	28.33	-49.39	-7.68	-13.38	-38.75	484.55	203.57	206.38	481.74	28.00
		309	10.17	27.96	-50.02	-6.20	-15.86	-38.69	652.94	189.18	190.10	652.03	20.57
206	80	318	10.99	33.57	-51.26	-2.17	-15.52	-41.89	682.33	183.13	188.68	676.78	52.33
		317	4.59	7.46	-37.10	-6.82	-22.81	-20.80	229.97	138.52	144.97	223.53	23.41
		308	3.93	1.64	-33.46	-8.83	-22.98	-16.06	213.91	147.21	149.68	211.44	-12.58
206	16	309	6.27	1.93	-34.81	-7.42	-25.46	-16.00	383.67	134.81	135.49	383.00	-12.98
		318	6.69	6.69	-36.82	-5.00	-25.13	-19.29	393.74	129.76	131.03	392.46	18.29
		317	4.26	5.52	-36.07	-7.00	-23.55	-19.08	207.74	134.30	140.39	201.64	20.26
207	80	308	3.65	-0.19	-32.44	-8.92	-23.71	-14.33	195.62	140.44	145.33	190.73	-15.68
		309	5.99	0.20	-33.91	-7.51	-26.19	-14.27	363.42	130.27	131.31	362.38	-15.55
		318	6.37	4.84	-35.91	-5.21	-25.86	-17.57	371.68	125.61	126.62	370.68	15.68
207	16	318	13.93	28.10	-47.41	-3.41	-15.90	-37.23	928.46	236.87	240.23	925.11	48.07
		309	13.10	21.89	-46.16	-7.73	-16.54	-33.73	889.87	237.18	237.56	889.49	15.65
		310	15.44	22.81	-45.88	-5.41	-17.67	-33.79	1049.36	228.43	228.53	1049.26	9.00
207	48	319	16.07	27.41	-45.64	-1.37	-16.86	-35.69	1082.38	231.55	232.68	1081.25	31.01
		318	8.25	4.08	-36.37	-5.81	-26.48	-17.38	512.78	154.46	155.26	511.98	16.88
		309	7.86	-0.99	-34.44	-8.30	-27.12	-13.83	498.86	156.34	156.98	498.22	-14.76
207	80	310	10.29	-0.03	-35.11	-6.89	-28.25	-13.92	659.44	149.83	150.08	659.19	-11.29
		319	10.53	3.51	-35.59	-4.63	-27.45	-15.87	669.55	149.69	149.88	669.35	10.12
		318	7.82	2.47	-35.75	-5.99	-27.29	-15.87	480.96	148.12	148.75	480.33	14.49
207	16	309	7.48	-2.41	-33.87	-8.35	-27.93	-12.31	469.16	149.89	150.81	468.25	-17.09
		310	9.91	-1.43	-34.63	-7.00	-29.06	-12.40	629.65	143.73	144.07	629.31	-12.84
		319	10.11	1.95	-35.08	-4.88	-28.25	-14.37	637.94	143.39	143.54	637.80	8.52
208	48	319	19.50	22.07	-43.08	-2.91	-18.10	-31.68	1340.70	284.60	285.48	1339.81	30.49
		310	18.69	14.87	-41.16	-7.23	-19.06	-27.39	1293.05	277.01	277.09	1292.97	9.00
		311	20.54	18.74	-43.18	-4.95	-19.48	-30.09	1417.70	281.67	281.67	1417.70	0.11
208	80	320	21.16	19.71	-39.01	-1.02	-18.28	-28.06	1463.44	290.81	290.82	1463.42	3.99
		319	12.28	1.60	-36.43	-5.60	-29.24	-14.89	793.93	174.60	174.85	793.68	12.51
		310	11.98	-3.74	-34.43	-7.97	-30.20	-10.57	777.09	172.40	172.51	776.97	-8.27
208	16	311	13.85	-0.74	-36.54	-6.65	-30.63	-13.29	902.42	178.74	178.75	902.40	-3.06
		320	14.03	-0.32	-33.80	-4.69	-29.42	-11.28	918.00	181.90	181.90	918.00	0.38
		319	11.73	0.30	-36.19	-5.80	-30.09	-13.61	752.07	166.17	166.38	751.85	11.14
208	45	310	11.47	-4.74	-34.34	-8.03	-31.05	-9.30	737.62	164.34	164.50	737.46	-9.59
		311	13.34	-1.90	-36.36	-6.78	-31.48	-12.01	862.96	170.86	170.87	862.94	-3.31
		320	13.49	-1.50	-33.75	-4.97	-30.27	-10.00	876.23	173.56	173.56	876.23	0.10
209	13	322	6.39	23.72	-13.31	12.05	-1.64	17.20	275.70	-104.01	131.34	40.35	-184.32
		313	4.28	22.88	-14.96	7.98	-0.06	18.49	185.69	-17.18	112.76	55.75	-97.35
		312	7.23	16.06	-25.25	-8.36	-0.84	20.31	198.32	-243.79	143.36	-188.83	-145.87
209	45	321	10.39	13.07	-23.51	-10.15	-0.30	17.61	295.96	-390.82	177.01	-271.86	-259.90
		322	5.26	21.19	-4.69	18.29	-1.80	8.16	214.48	-137.01	57.33	20.14	-174.76
		313	2.89	18.61	-4.91	13.93	-0.22	9.40	113.71	-41.39	38.74	33.59	-77.51
209	77	312	5.85	9.60	-12.90	-2.31	-1.00	11.23	141.98	-250.58	96.90	-205.50	-125.16
		321	9.18	6.61	-10.88	-3.83	-0.45	8.58	247.63	-402.80	131.25	-286.42	-249.31
		322	5.19	21.20	-4.23	18.77	-1.81	7.47	209.98	-139.62	51.75	18.60	-174.01
210	12	313	2.80	18.44	-4.29	14.38	-0.23	8.70	108.51	-43.45	33.16	31.90	-75.97
		312	5.75	9.12	-11.97	-1.85	-1.01	10.54	137.75	-251.09	93.44	-206.77	-123.56
		321	9.09	6.12	-9.92	-3.34	-0.46	7.89	244.00	-403.70	127.84	-287.53	-248.49
210	44	321	10.54	44.73	-33.49	12.46	-1.21	-38.51	64.13	-500.06	4.08	-440.01	-173.99
		312	6.25	42.95	-28.45	14.52	-0.01	-34.95	-15.15	-301.26	-22.71	-293.69	-45.90
		314	8.30	37.49	-35.72	5.22	-3.45	-36.35	140.58	-415.65	140.05	-415.12	17.16
210	76	323	10.34	42.63	-45.02	3.16	-5.55	-43.61	96.93	-550.95	96.47	-550.49	-17.29
		321	9.22	20.72	-17.17	6.07	-2.53	-18.45	124.44	-455.47	55.19	-386.23	-188.04
		312	5.39	19.02	-12.23	8.11	-1.33	-14.89	42.27	-274.73	25.74	-258.20	-70.49
211	16	314	7.48	12.99	-19.98	-2.20	-4.79	-16.44	135.32	-389.48	134.48	-388.64	-21.02
		323	9.39	18.15	-29.30	-4.26	-6.89	-23.69	127.59	-507.65	125.05	-505.11	-40.08
		321	9.12	18.89	-15.94	5.59	-2.63	-16.92	128.99	-452.11	59.01	-382.12	-189.13
211	45	312	5.32	17.21	-11.02	7.62	-1.43	-13.37	46.68	-272.84	29.34	-255.50	-72.38
		314	7.42	11.13	-18.79	-2.77	-4.89	-14.92	135.23	-387.73	134.13	-386.63	-23.93
		323	9.32	16.30	-28.12	-4.83	-6.99	-22.18	129.90	-504.42	127.13	-501.65	-41.84
211	16	323	10.05	52.89	-52.37	2.80	-2.28	-52.57	149.99	-501.07	149.90	-500.98	7.85
		314	8.16	47.49	-42.06	4.44	0.98	-44.74	143.69	-379.49	143.01	-378.81	18.78
		315	8.68	44.35	-48.92	0.65	-5.22	-46.54	152.56	-362.45	141.95	-351.85	73.15
211	45	324	10.07	50.71	-57.88	2.58	-9.74	-53.95	142.36	-434.78	121.12	-413.54	108.65
		323	8.62	-0.69	-32.73	-17.69	-15.73	15.99	148.13	-455.54	129.72	-437.13	-103.79

		314	7.79	9.95	-37.90	-15.50	-12.45	23.88	141.37	-366.55	122.59	-347.78	-95.84
		315	6.90	3.81	-40.62	-18.17	-18.64	22.21	137.11	-336.75	129.67	-329.31	-58.91
		324	7.03	-4.98	-35.10	-16.90	-23.17	14.73	113.13	-359.11	112.26	-358.24	-20.26
211	77	323	8.53	-2.09	-30.41	-17.14	-15.37	14.13	147.57	-456.16	130.25	-438.84	-100.77
		314	7.66	8.54	-35.59	-14.96	-12.09	22.02	140.70	-366.17	123.13	-348.60	-92.74
		315	6.78	2.38	-38.32	-17.66	-18.28	20.35	136.56	-336.46	129.99	-329.90	-55.34
		324	7.04	-6.33	-32.86	-16.38	-22.81	12.87	113.08	-360.32	112.48	-359.73	-16.77
212	13	324	9.61	7.64	-72.26	-24.94	-39.68	39.26	90.80	-519.92	77.61	-506.72	-88.80
		315	9.90	17.59	-77.14	-24.24	-35.31	47.04	114.18	-489.37	90.34	-465.53	-117.57
		316	8.14	19.16	-78.87	-18.59	-41.13	47.70	112.40	-362.20	91.09	-340.89	-98.28
		325	7.77	13.58	-75.17	-16.73	-44.86	42.08	74.69	-356.49	64.99	-346.79	-63.93
212	45	324	8.31	-7.72	-39.83	-17.63	-29.93	14.83	97.79	-437.62	94.99	-434.82	-38.60
		315	7.60	1.13	-44.56	-17.85	-25.57	22.52	120.82	-402.84	111.50	-393.51	-69.27
		316	6.10	1.56	-47.40	-14.43	-31.41	22.96	108.44	-276.94	101.75	-270.25	-50.36
		325	6.29	-2.76	-44.47	-12.10	-35.14	17.39	76.07	-276.80	75.54	-276.26	-13.74
212	77	324	8.21	-8.81	-37.44	-17.07	-29.18	12.97	98.58	-431.64	96.30	-429.35	-34.76
		315	7.51	-0.11	-42.08	-17.36	-24.83	20.65	121.51	-396.46	113.07	-388.02	-65.57
		316	6.00	0.25	-45.04	-14.11	-30.67	21.08	108.39	-270.70	102.55	-264.86	-46.69
		325	6.18	-3.87	-42.27	-11.75	-34.40	15.51	76.61	-271.17	76.33	-270.89	-9.90
213	13	325	10.94	6.35	-81.28	-19.14	-55.79	39.80	24.97	-566.01	16.51	-557.56	-70.19
		316	10.43	13.00	-84.36	-18.81	-52.55	45.67	64.82	-543.61	45.46	-524.26	-106.77
		317	8.28	16.49	-87.04	-14.03	-56.52	47.20	51.50	-380.25	30.87	-359.62	-92.09
		326	8.63	12.00	-84.79	-14.22	-58.56	43.02	14.83	-389.90	5.99	-381.07	-59.14
213	45	325	7.82	-6.09	-48.81	-13.57	-41.32	16.24	53.81	-377.54	52.75	-376.48	-21.32
		316	7.49	-1.43	-51.30	-14.64	-38.09	22.00	86.94	-363.37	79.23	-355.66	-58.41
		317	5.24	1.37	-54.71	-11.26	-42.07	23.43	71.63	-201.55	62.42	-192.34	-49.31
		326	5.42	-1.29	-52.86	-10.04	-44.11	19.36	41.06	-202.39	40.01	-201.34	-15.97
213	77	325	7.58	-6.89	-46.49	-13.15	-40.22	14.45	56.25	-363.35	55.51	-362.62	-17.58
		316	7.27	-2.49	-48.82	-14.32	-36.99	20.20	88.74	-349.69	81.80	-342.75	-54.71
		317	5.01	0.28	-52.31	-11.05	-40.98	21.62	73.22	-187.91	64.83	-179.53	-46.04
		326	5.18	-2.17	-50.56	-9.72	-43.01	17.56	43.31	-188.27	42.61	-187.57	-12.67
214	13	326	12.05	6.22	-88.82	-15.23	-67.37	39.73	-36.42	-616.88	-42.30	-610.99	-58.16
		317	11.65	11.00	-90.97	-14.26	-65.72	44.02	-3.51	-597.18	-18.21	-582.49	-92.25
		318	9.24	12.38	-93.62	-13.34	-67.90	45.44	-15.06	-426.09	-30.54	-410.61	-78.26
		327	9.64	8.59	-91.98	-14.69	-68.70	42.41	-41.03	-443.13	-47.47	-436.70	-50.46
214	48	326	5.12	13.80	-33.33	-2.79	-16.74	-22.51	260.68	101.87	126.47	236.08	57.47
		317	4.20	8.09	-29.83	-6.64	-15.10	-18.48	229.16	135.77	142.22	222.71	23.68
		318	6.28	6.90	-29.27	-5.08	-17.28	-17.03	393.73	129.05	130.42	392.36	18.98
		327	6.93	11.62	-31.25	-1.56	-18.07	-19.78	415.35	114.60	121.86	408.10	46.14
214	80	326	4.79	11.51	-32.75	-3.13	-18.11	-20.82	238.43	96.56	121.90	213.10	54.33
		317	3.90	5.81	-29.12	-6.84	-16.47	-16.79	206.98	131.77	137.87	200.87	20.53
		318	5.99	4.74	-28.70	-5.31	-18.65	-15.33	371.67	124.96	126.05	370.58	16.34
		327	6.62	9.43	-30.79	-1.92	-19.44	-18.10	392.08	110.37	117.26	385.19	43.52
215	16	327	14.08	40.60	-36.10	2.43	2.07	-38.35	975.17	229.25	237.56	966.85	78.32
		318	13.05	35.16	-35.76	-3.19	2.58	-35.34	928.43	235.56	239.07	924.92	49.23
		319	15.19	35.06	-33.78	-0.44	1.71	-34.40	1082.71	231.10	232.36	1081.45	32.79
		328	16.06	39.15	-32.82	4.58	1.75	-35.96	1130.24	235.05	238.09	1127.19	52.14
215	48	327	8.46	9.94	-30.26	-2.13	-18.20	-18.42	537.43	143.40	148.83	531.99	45.97
		318	7.81	4.74	-28.19	-5.77	-17.68	-15.35	512.73	153.86	154.73	511.87	17.58
		319	10.09	4.73	-27.52	-4.24	-18.55	-14.45	669.75	149.53	149.76	669.52	11.05
		328	10.59	8.38	-28.12	-1.23	-18.52	-16.07	695.11	149.51	151.15	693.47	29.90
215	80	327	8.03	7.88	-30.09	-2.47	-19.74	-16.91	503.91	136.81	142.03	498.68	43.50
		318	7.41	2.74	-27.93	-5.97	-19.22	-13.83	480.92	147.57	148.26	480.23	15.16
		319	9.70	2.78	-27.41	-4.53	-20.09	-12.93	638.14	143.26	143.43	637.96	9.39
		328	10.17	6.35	-28.08	-1.67	-20.06	-14.56	661.78	142.96	144.49	660.25	28.20
216	16	328	19.66	34.71	-29.50	3.33	1.88	-32.09	1408.72	293.88	296.29	1406.31	51.75
		319	18.52	28.11	-28.37	-1.96	1.70	-28.18	1340.93	284.26	285.24	1339.95	32.26
		320	20.37	30.81	-30.31	-0.95	1.45	-30.53	1463.50	290.82	290.83	1463.48	3.99
		329	21.39	31.01	-25.55	3.27	2.20	-28.28	1542.44	306.81	306.85	1542.40	7.65
216	48	328	12.42	6.67	-28.35	-2.05	-19.64	-15.14	828.67	177.57	179.17	827.07	32.22
		319	11.80	0.88	-25.88	-5.19	-19.82	-11.20	794.12	174.48	174.77	793.83	13.43
		320	13.59	3.26	-27.95	-4.62	-20.07	-13.56	918.07	181.91	181.91	918.07	0.37
		329	14.21	3.15	-25.03	-2.57	-19.32	-11.33	963.89	191.31	191.32	963.88	3.63
216	80	328	11.87	4.88	-28.61	-2.46	-21.28	-13.85	784.24	168.66	170.20	782.71	30.73
		319	11.29	-0.70	-26.19	-5.44	-21.45	-9.91	752.25	166.06	166.31	752.00	12.00
		320	13.08	1.57	-28.17	-4.90	-21.70	-12.27	876.30	173.57	173.57	876.30	0.10
		329	13.66	1.48	-25.45	-3.01	-20.96	-10.04	919.58	182.46	182.47	919.57	3.32
217	12	331	13.39	17.91	-19.71	6.14	-7.93	-17.45	247.00	-636.57	-143.81	-245.76	-438.84
		322	6.56	18.06	-15.65	0.28	2.13	-16.83	138.18	-256.22	-138.18	20.14	-180.62
		321	9.70	10.46	-15.68	-1.51	-3.70	-13.02	157.19	-487.88	37.85	-368.54	-250.48
		330	15.49	13.82	-23.38	-11.84	2.28	-17.21	300.10	-790.09	103.32	-593.30	-419.29
217	44	331	11.52	21.32	-9.45	19.37	-7.50	-7.50	283.93	-529.93	-69.46	-176.54	-403.39
		322	4.96	16.09	-1.15	12.40	2.54	-7.06	162.45	-183.56	-71.83	50.73	-161.79
		321	9.26	3.64	-6.99	0.22	-3.58	-4.96	182.02	-475.06	61.90	-354.94	-253.97
		330	14.30	7.33	-14.11	-9.21	2.43	-9.00	319.91	-729.00	131.05	-540.14	-403.02
217	76	331	11.39	21.91	-9.01	20.37	-7.46	-6.75	286.76	-521.80	-63.80	-171.24	-400.69
		322	4.85	16.24	-0.36	13.32	2.57	-6.32	164.34	-178.07	-66.79	53.06	-160.37

		321	9.23	3.16	-6.38	0.35	-3.57	-4.35	183.86	-474.08	63.67	-353.89	-254.23
		330	14.21	6.86	-13.43	-9.01	2.44	-8.38	321.41	-724.36	133.13	-536.07	-401.81
218	16	330	17.92	31.28	-56.34	-16.02	-9.04	-43.67	164.98	-943.53	56.49	-835.04	-329.38
		321	10.16	32.65	-34.90	-3.57	1.33	-33.69	131.95	-470.00	61.47	-399.52	-193.54
		323	11.06	35.46	-42.88	0.34	-7.76	-38.96	157.54	-569.26	156.70	-568.42	-24.71
		332	14.10	38.85	-57.65	-3.64	-15.16	-47.90	159.41	-793.06	156.56	-790.21	52.00
218	48	330	16.00	13.36	-35.21	-12.39	-9.46	-24.24	206.45	-853.90	94.76	-742.21	-325.51
		321	8.54	14.24	-14.80	-1.45	0.88	-14.47	163.09	-414.93	90.71	-342.55	-191.31
		323	9.92	13.65	-28.40	-6.37	-8.38	-21.00	152.39	-529.68	148.41	-525.70	-51.93
		332	12.62	17.60	-42.29	-8.93	-15.76	-29.75	153.83	-712.07	152.91	-711.15	28.21
218	80	330	15.86	12.00	-33.61	-12.12	-9.49	-22.76	209.61	-847.10	97.64	-735.12	-325.25
		321	8.42	12.83	-13.28	-1.29	0.85	-13.01	165.46	-410.77	92.89	-338.21	-191.18
		323	9.84	12.00	-27.31	-6.88	-8.43	-19.64	152.13	-526.76	147.81	-522.43	-53.99
		332	12.51	15.98	-41.12	-9.33	-15.80	-28.36	153.48	-705.90	152.67	-705.09	26.44
219	16	332	13.21	48.16	-58.02	-1.80	-8.06	-53.00	124.46	-739.49	120.25	-735.28	60.15
		323	9.88	43.59	-40.12	-0.63	4.10	-41.79	173.17	-489.72	173.14	-489.69	4.33
		324	9.82	41.23	-47.44	-1.25	-4.96	-44.30	127.70	-445.76	102.50	-420.56	117.53
		333	11.45	45.39	-55.74	4.88	-15.23	-49.55	69.52	-574.84	10.78	-516.10	185.46
219	48	332	11.93	21.51	-45.03	-8.27	-15.25	-33.09	111.43	-682.69	111.12	-682.39	15.62
		323	8.86	17.16	-26.50	-6.26	-3.08	-21.77	160.78	-471.11	159.09	-469.41	-32.69
		324	7.63	14.96	-33.87	-6.77	-12.14	-24.27	115.17	-409.94	106.60	-401.37	66.55
		333	8.53	19.70	-43.18	-1.08	-22.41	-29.58	67.52	-494.70	36.39	-463.56	128.59
219	80	332	11.87	19.49	-44.04	-8.76	-15.80	-31.57	110.65	-678.56	110.46	-678.37	12.23
		323	8.82	15.15	-25.46	-6.69	-3.62	-20.25	160.05	-469.92	158.04	-467.92	-35.51
		324	7.49	12.97	-32.84	-7.19	-12.68	-22.74	114.58	-407.58	106.95	-399.95	62.66
		333	8.34	17.79	-42.27	-1.53	-22.95	-28.06	67.57	-488.85	38.29	-459.57	124.23
220	13	333	11.42	-8.29	-73.25	-22.12	-59.42	26.60	35.94	-587.86	30.45	-582.37	-58.24
		324	10.18	-0.79	-71.68	-23.02	-49.45	32.89	104.73	-522.66	89.17	-507.11	-97.55
		325	8.29	6.15	-75.79	-14.66	-54.98	35.67	88.79	-353.61	79.74	-344.56	-62.61
		334	8.73	3.55	-77.07	-12.87	-60.65	32.47	32.38	-373.83	29.75	-371.21	-32.57
220	45	333	9.66	-13.23	-45.64	-14.64	-44.23	6.60	45.08	-497.39	45.08	-497.38	0.56
		324	8.60	-10.17	-41.03	-16.92	-34.28	12.75	104.45	-438.71	101.23	-435.49	-41.69
		325	6.56	-4.72	-46.47	-11.35	-39.84	15.26	82.10	-276.46	81.62	-275.99	-13.08
		334	6.86	-4.56	-49.12	-8.20	-45.49	12.19	37.44	-290.53	36.21	-289.30	19.98
220	77	333	9.53	-13.20	-43.94	-14.07	-43.08	5.08	46.23	-490.95	46.18	-490.91	5.06
		324	8.48	-10.81	-38.77	-16.45	-33.13	11.22	104.75	-432.65	102.13	-430.04	-37.42
		325	6.43	-5.45	-44.34	-11.10	-38.68	13.71	82.00	-271.01	81.75	-270.77	-9.28
		334	6.72	-4.96	-47.22	-7.84	-44.34	10.65	38.48	-284.85	36.68	-283.06	24.00
221	13	334	12.27	-2.44	-89.59	-16.29	-75.75	31.86	-9.86	-589.00	-11.85	-587.01	-33.87
		325	11.75	0.96	-88.08	-16.76	-70.36	35.55	41.79	-562.61	33.99	-554.80	-68.23
		326	9.40	7.62	-91.76	-11.12	-73.03	38.87	30.36	-385.76	22.33	-377.73	-57.24
		335	9.68	5.12	-91.91	-11.10	-75.69	36.20	-8.48	-398.99	-10.95	-396.52	-30.98
221	45	334	8.58	-7.39	-56.50	-10.33	-53.56	11.65	18.20	-394.59	17.66	-394.06	14.86
		325	8.23	-6.95	-53.79	-12.56	-48.18	15.21	61.69	-376.47	60.78	-375.56	-19.95
		326	5.81	-1.80	-57.76	-8.70	-50.86	18.39	48.38	-200.74	47.48	-199.85	-14.94
		335	5.94	-2.05	-58.40	-6.94	-53.51	15.86	17.52	-205.56	16.91	-204.95	11.66
221	77	334	8.30	-7.57	-54.18	-9.88	-51.87	10.12	20.78	-380.14	19.91	-379.28	18.59
		325	7.96	-7.46	-51.28	-12.24	-46.49	13.66	63.44	-362.46	62.82	-361.84	-16.26
		326	5.54	-2.45	-55.24	-8.52	-49.17	16.84	49.99	-186.80	49.41	-186.22	-11.71
		335	5.66	-2.48	-55.98	-6.62	-51.83	14.31	20.10	-191.33	19.04	-190.28	14.92
222	13	335	13.48	0.35	-102.53	-13.60	-88.58	35.22	-58.67	-638.32	-59.90	-637.10	-26.59
		326	13.08	3.52	-102.37	-12.66	-86.19	38.10	-20.39	-613.21	-25.81	-607.79	-56.46
		327	10.60	5.57	-105.21	-12.30	-87.33	40.75	-30.51	-439.42	-35.94	-433.98	-46.82
		336	10.95	2.45	-104.75	-13.81	-88.48	38.46	-57.41	-460.85	-58.89	-459.38	-24.33
222	45	335	7.78	-4.39	-64.72	-8.43	-60.67	15.09	-4.88	-321.58	-5.38	-321.07	12.59
		326	7.59	-3.81	-64.14	-9.67	-58.29	17.85	25.92	-310.50	25.14	-309.72	-16.18
		327	5.13	-1.68	-66.72	-8.97	-59.43	20.52	19.34	-137.64	18.02	-136.33	-14.31
		336	5.29	-2.51	-66.37	-8.31	-60.57	18.35	-0.97	-144.11	-1.31	-143.77	6.94
222	77	335	7.35	-4.63	-61.96	-8.04	-58.55	13.56	-0.39	-297.68	-1.21	-296.86	15.59
		326	7.17	-4.31	-61.29	-9.44	-56.16	16.31	29.59	-287.43	29.05	-286.89	-13.10
		327	4.71	-2.19	-63.84	-8.72	-57.31	18.98	23.18	-114.55	22.16	-113.52	-11.83
		336	4.86	-2.81	-63.53	-7.89	-58.45	16.82	3.81	-120.30	3.11	-119.59	9.32
223	16	336	14.76	53.12	-22.91	7.44	22.77	-37.24	1015.69	206.79	217.61	1004.86	92.96
		327	14.30	48.81	-25.03	0.11	23.67	-34.99	972.02	218.65	226.27	964.40	75.38
		328	16.59	48.32	-20.79	4.02	23.51	-33.15	1131.10	236.40	239.63	1127.87	53.65
		337	17.15	51.54	-17.91	10.53	23.10	-34.15	1180.72	239.08	243.32	1176.48	63.04
223	48	336	8.60	15.11	-22.38	1.58	-8.85	-18.00	563.12	121.95	131.41	553.66	63.89
		327	7.89	10.24	-21.47	-3.29	-7.95	-15.68	535.94	138.47	143.56	530.85	44.69
		328	10.05	9.47	-19.12	-1.55	-8.10	-13.91	695.71	150.35	152.09	693.97	30.79
		337	10.66	12.93	-19.00	2.46	-8.52	-14.99	727.99	149.16	152.22	724.93	41.95
223	80	336	8.19	12.60	-22.72	1.14	-11.26	-16.54	528.52	115.38	124.81	519.10	61.67
		327	7.50	7.66	-21.56	-3.55	-10.35	-14.21	502.54	132.31	137.22	497.64	42.35
		328	9.68	6.92	-19.40	-1.97	-10.51	-12.45	662.36	143.76	145.39	660.73	29.05
		337	10.27	10.42	-19.50	1.84	-10.93	-13.53	693.31	142.27	145.24	690.34	40.34
224	16	337	21.48	49.28	-14.83	9.72	24.73	-31.17	1492.30	305.41	309.36	1488.35	68.38
		328	20.47	43.89	-16.05	2.88	24.96	-27.86	1409.77	295.34	297.88	1407.23	53.18
		329	22.53	46.14	-17.55	3.32	25.27	-29.89	1542.67	306.85	306.90	1542.62	7.65

224	48	338	23.93	45.55	-11.37	8.49	25.69	-27.13	1652.32	329.25	329.35	1652.22	11.61
		337	12.67	11.90	-18.96	1.85	-8.90	-14.46	876.49	181.22	184.45	873.25	47.30
		328	11.84	6.08	-17.07	-2.31	-8.67	-11.13	829.54	178.46	180.15	827.85	33.06
		329	13.69	8.06	-18.93	-2.50	-8.36	-13.17	964.12	191.35	191.37	964.11	3.62
224	80	338	14.70	7.17	-15.15	-0.03	-7.94	-10.44	1038.07	206.64	206.70	1038.01	6.95
		337	12.12	9.54	-19.75	1.25	-11.46	-13.19	829.33	171.70	174.89	826.14	45.69
		328	11.33	3.77	-17.71	-2.71	-11.23	-9.86	785.10	169.51	171.13	783.48	31.53
		329	13.19	5.61	-19.48	-2.95	-10.92	-11.90	919.81	182.51	182.52	919.80	3.32
225	16	338	14.17	4.81	-15.99	-0.68	-10.50	-9.16	991.02	197.25	197.31	990.97	6.59
		340	43.00	-21.64	-105.79	-44.04	-83.39	-37.19	636.14	-2189.86	-134.69	-1419.04	-1258.64
		331	14.79	28.15	-35.89	-31.48	23.75	-16.21	637.84	-270.72	-187.34	554.46	-262.31
		330	26.68	0.33	-50.79	-14.06	-36.40	-22.99	437.92	-1353.34	135.50	-1050.92	-671.01
225	48	339	20.96	3.30	-42.22	-36.13	-2.78	-15.49	646.16	-942.54	447.46	-743.84	-525.53
		340	40.52	3.63	-82.87	-3.06	-76.18	-23.10	631.82	-2069.66	-38.40	-1399.44	-1166.78
		331	13.12	31.14	2.06	2.43	30.77	-3.29	696.49	-146.48	-81.97	631.98	-224.10
		330	24.28	-3.48	-39.05	-12.28	-30.25	-15.35	381.75	-1273.33	100.68	-992.26	-621.44
225	80	339	19.33	4.95	-29.41	-28.01	3.55	-6.80	540.55	-879.07	401.31	-739.83	-422.22
		340	40.35	6.00	-81.58	0.05	-75.63	-22.03	631.70	-2060.65	-31.03	-1397.92	-1159.78
		331	13.02	31.50	4.81	5.01	31.30	-2.30	701.05	-137.04	-73.90	637.91	-221.20
		330	24.10	-3.77	-38.16	-12.15	-29.78	-14.76	377.48	-1267.20	98.05	-987.77	-617.65
226	16	339	19.21	5.18	-28.55	-27.39	4.03	-6.14	532.73	-874.46	397.80	-739.53	-414.32
		339	35.77	12.41	-88.22	-41.97	-33.84	-50.15	77.29	-2205.35	17.45	-2145.51	-364.69
		330	16.13	24.63	-27.58	-12.44	9.48	-23.69	432.31	-747.55	314.83	-630.06	-353.29
		332	14.86	26.91	-52.96	-11.90	-14.15	-39.92	75.50	-922.31	71.95	-918.76	59.46
226	48	341	20.14	28.44	-68.23	0.04	-39.83	-44.03	14.93	-1295.90	-73.26	-1207.72	328.36
		339	31.31	-0.10	-73.27	-36.69	-36.68	-36.58	95.25	-1907.08	36.20	-1848.04	-338.72
		330	13.66	11.92	-13.12	-7.83	6.63	-10.22	394.74	-640.75	289.47	-535.47	-312.94
		332	13.91	10.96	-44.54	-16.40	-17.18	-27.75	77.73	-847.81	77.57	-847.66	12.13
226	80	341	16.47	14.35	-60.39	-3.20	-42.84	-31.68	52.25	-1005.99	-19.92	-933.82	266.77
		339	30.97	-1.04	-72.14	-36.29	-36.90	-35.55	96.63	-1884.26	37.63	-1825.26	-336.74
		330	13.47	10.99	-12.05	-7.48	6.42	-9.20	391.90	-632.58	287.56	-528.23	-309.86
		332	13.83	9.74	-43.90	-16.75	-17.41	-26.82	78.11	-842.29	78.03	-842.21	8.53
227	16	341	16.19	13.31	-59.83	-3.45	-43.07	-30.74	55.11	-983.79	-15.84	-912.84	262.06
		341	14.27	36.56	-55.25	5.85	-24.54	-43.31	39.36	-874.18	-12.52	-822.30	211.43
		332	13.88	39.07	-35.88	-3.51	6.70	-37.12	142.38	-730.93	118.42	-706.97	142.64
		333	10.80	31.24	-39.15	-3.28	-4.63	-35.19	33.04	-585.07	-22.70	-529.33	177.05
227	48	342	10.99	29.70	-35.27	8.59	-14.16	-30.43	57.33	-605.03	-56.40	-491.31	249.79
		341	13.84	16.29	-55.97	-1.46	-38.22	-31.11	2.51	-825.23	-17.60	-805.12	127.43
		332	11.56	16.75	-32.68	-8.97	-6.96	-24.69	125.60	-667.71	119.45	-661.55	69.61
		333	8.17	11.40	-35.12	-5.49	-18.23	-22.37	38.02	-502.27	10.21	-474.46	119.38
227	80	342	8.86	12.48	-35.69	4.58	-27.79	-17.83	37.09	-530.91	-28.58	-465.24	181.62
		341	13.85	14.82	-56.10	-2.01	-39.26	-30.18	0.23	-822.09	-17.98	-803.88	121.01
		332	11.41	15.07	-32.45	-9.39	-7.99	-23.75	124.78	-663.34	119.54	-658.11	64.03
		333	8.05	9.98	-34.91	-5.66	-19.27	-21.39	38.69	-496.25	12.72	-470.28	114.97
228	13	342	8.87	11.36	-35.91	4.28	-28.83	-16.87	35.87	-525.65	-26.47	-463.31	176.41
		342	13.14	-9.83	-89.93	-13.95	-85.81	17.70	-10.08	-615.57	-10.76	-614.89	-20.21
		333	12.45	-11.07	-78.71	-15.69	-74.08	17.07	63.11	-584.18	58.66	-579.72	-53.51
		334	9.53	-0.17	-82.20	-7.08	-75.28	22.79	54.51	-370.75	50.87	-367.11	-39.14
228	45	343	9.62	0.69	-86.22	-6.22	-79.31	23.51	9.46	-376.77	8.28	-375.59	-21.30
		342	10.87	-7.50	-63.22	-7.78	-62.95	3.92	-6.94	-529.26	-10.16	-526.04	40.90
		333	10.19	-11.13	-51.48	-11.37	-51.24	3.10	58.03	-497.56	57.97	-497.51	5.45
		334	7.22	-4.20	-53.98	-5.71	-52.47	8.54	44.88	-287.54	44.02	-286.68	16.89
228	77	343	7.33	-1.42	-58.09	-3.03	-56.47	9.44	8.57	-293.15	3.97	-288.55	36.96
		342	10.70	-7.16	-61.36	-7.31	-61.21	2.87	-6.08	-523.32	-10.13	-519.27	45.58
		333	10.02	-10.94	-49.61	-11.04	-49.50	2.04	58.09	-491.42	57.91	-491.24	9.96
		334	7.04	-4.40	-51.93	-5.60	-50.73	7.45	44.86	-281.93	43.48	-280.55	21.18
229	13	343	7.15	-1.48	-56.05	-2.79	-54.74	8.36	9.51	-287.80	3.62	-281.92	41.42
		343	13.67	-4.59	-103.79	-10.86	-97.52	24.14	-36.89	-616.04	-37.64	-615.29	-20.83
		334	13.28	-4.41	-99.71	-10.85	-93.27	23.93	12.34	-587.28	9.67	-584.61	-39.94
		335	10.66	3.22	-101.28	-5.12	-92.94	28.32	26.55	-392.39	23.86	-389.69	-33.50
229	45	344	10.79	1.91	-101.83	-5.93	-94.00	27.41	-11.69	-413.25	-12.91	-412.03	-22.11
		343	9.29	-4.37	-67.57	-5.76	-66.18	9.29	-13.49	-408.45	-16.56	-405.38	34.70
		334	9.07	-6.33	-63.37	-7.76	-61.94	8.93	27.36	-393.63	26.98	-393.26	12.58
		335	6.41	-1.35	-64.49	-4.22	-61.62	13.15	33.54	-201.95	33.04	-201.44	10.90
229	77	344	6.37	-0.58	-65.15	-3.05	-62.67	12.39	2.86	-208.32	-0.17	-205.29	25.12
		343	8.96	-4.26	-64.91	-5.38	-63.79	8.16	-10.94	-393.31	-14.95	-389.30	38.95
		334	8.75	-6.38	-60.70	-7.52	-59.56	7.79	28.98	-379.28	28.30	-378.60	16.60
		335	6.09	-1.65	-61.74	-4.15	-59.24	12.00	34.66	-187.95	33.73	-187.03	14.30
230	13	344	6.04	-0.71	-62.41	-2.83	-60.29	11.25	5.05	-193.70	0.80	-189.46	28.74
		344	15.12	-2.85	-118.72	-10.02	-111.55	27.92	-65.23	-672.57	-65.49	-672.31	-12.52
		335	14.72	-0.54	-118.27	-8.17	-110.64	28.99	-23.42	-631.96	-24.90	-630.48	-29.90
		336	12.24	3.37	-119.50	-5.82	-110.31	32.32	-12.65	-450.77	-13.55	-449.87	-19.86
230	45	345	12.53	0.39	-118.62	-7.98	-110.24	30.44	-48.39	-487.95	-48.61	-487.74	-9.78
		344	8.48	-3.08	-74.28	-5.26	-72.10	12.26	-21.24	-334.45	-24.03	-331.66	29.42
		335	8.39	-3.35	-73.76	-5.92	-71.19	13.19	11.33	-318.27	10.94	-317.88	11.39
		336	5.91	-0.70	-74.73	-4.56	-70.87	16.46	20.98	-139.76	20.42	-139.21	9.43
		345	5.89	-1.12	-73.90	-4.23	-70.79	14.72	-6.28	-151.85	-9.05	-149.07	19.91

230	77	344	7.98	-3.04	-70.95	-4.90	-69.10	11.07	-17.16	-309.25	-20.86	-305.56	32.63
		335	7.91	-3.52	-70.41	-5.75	-68.19	11.99	14.37	-294.61	13.68	-293.93	14.55
		336	5.44	-0.99	-71.35	-4.47	-67.87	15.26	24.00	-116.38	23.03	-115.41	11.66
		345	5.39	-1.20	-70.54	-3.94	-67.79	13.53	-1.96	-127.18	-6.02	-123.13	22.17
231	16	345	17.26	70.17	-8.61	9.65	51.91	-33.24	1069.31	147.73	156.80	1060.23	91.02
		336	16.37	66.26	-14.81	-0.03	51.48	-31.30	1005.58	163.06	172.83	995.82	90.17
		337	18.67	66.00	-8.14	5.57	52.28	-28.79	1174.13	219.10	222.29	1170.94	55.11
		346	19.59	68.05	-1.45	15.01	51.59	-29.55	1245.34	215.14	217.00	1243.47	43.78
231	48	345	8.66	20.65	-11.45	4.09	5.11	-16.04	597.00	79.66	89.17	587.49	69.50
		336	7.83	15.71	-13.05	-2.02	4.68	-13.98	558.24	101.54	110.31	549.48	62.67
		337	10.20	14.67	-9.15	0.04	5.48	-11.59	724.73	140.46	143.04	722.15	38.77
		346	10.81	17.79	-7.17	5.83	4.78	-12.47	769.99	130.54	132.31	768.23	33.57
231	80	345	8.29	17.38	-12.16	3.67	1.55	-14.73	560.93	74.33	83.99	551.27	67.86
		336	7.48	12.25	-13.29	-2.17	1.12	-12.66	524.05	96.75	105.52	515.28	60.57
		337	9.56	11.11	-9.58	-0.38	1.92	-10.28	690.31	134.42	136.97	687.77	37.53
		346	10.36	14.52	-8.16	5.13	1.22	-11.17	733.59	124.05	125.82	731.82	32.80
232	16	346	23.92	71.00	-1.01	14.82	55.17	-29.82	1551.04	279.09	281.59	1548.54	56.34
		337	23.10	66.71	-6.60	4.99	55.12	-26.74	1488.57	285.50	288.55	1485.51	60.53
		338	25.46	69.75	-4.68	8.54	56.53	-28.45	1653.55	329.87	329.98	1653.44	12.10
		347	26.78	67.77	3.87	15.84	55.80	-24.93	1761.62	350.67	350.69	1761.60	4.62
232	48	346	12.77	19.00	-7.92	5.58	5.49	-13.46	912.11	161.07	163.55	909.62	43.11
		337	12.27	13.24	-8.28	-0.49	5.44	-10.34	875.69	172.92	175.69	872.92	44.03
		338	14.65	16.00	-9.12	0.03	6.85	-12.08	1039.26	207.26	207.33	1039.20	7.42
		347	15.68	13.51	-3.89	3.51	6.12	-8.60	1121.02	222.66	222.67	1121.01	3.49
232	80	346	12.12	15.61	-9.02	4.88	1.71	-12.21	863.19	152.01	154.51	860.69	42.11
		337	11.45	9.56	-8.80	-0.90	1.66	-9.09	828.76	164.28	167.04	826.00	42.77
		338	13.82	12.22	-9.77	-0.62	3.07	-10.84	992.21	197.87	197.93	992.15	7.06
		347	14.83	9.81	-4.91	2.57	2.34	-7.36	1071.96	212.85	212.87	1071.94	3.40
233	13	2	230.81	202.76	-274.01	197.46	-268.72	-49.97	2360.98-1.277e+04	1491.53-1.190e+04	-3521.70		
		340	109.36	238.24	28.45	169.10	97.59	98.61	7092.46	57.10	195.13	6954.42	975.74
		339	85.57	-3.68	-108.81	-61.30	-51.19	-52.32	345.58	-5301.13	-147.72	-4807.83	-1594.43
		348	67.39	-75.70	-175.39	-100.74	-150.35	43.24	3704.27	-1182.67	-472.66	2994.26	1722.11
233	45	2	250.81	143.88	-269.46	134.31	-259.90	-62.16	2325.25-1.426e+04	1311.48-1.325e+04	-3973.46		
		340	105.47	193.75	20.33	107.63	106.45	86.71	6862.02	210.18	250.01	6822.19	513.19
		339	84.27	4.18	-105.91	-61.07	-40.66	-54.09	400.89	-5211.68	-67.25	-4743.53	-1551.88
		348	58.52	-75.27	-166.23	-101.66	-139.85	41.28	2778.41	-1559.77	-632.35	1850.99	1778.54
233	77	2	252.36	139.49	-269.21	129.52	-259.23	-63.08	2322.71-1.438e+04	1297.82-1.335e+04	-4008.05		
		340	105.23	190.87	19.21	102.96	107.12	85.81	6846.66	219.82	254.45	6812.02	477.80
		339	84.17	4.79	-105.71	-61.06	-39.87	-54.22	405.17	-5204.87	-61.08	-4738.62	-1548.65
		348	58.08	-75.23	-165.56	-101.73	-139.06	41.13	2710.76	-1591.94	-644.59	1763.41	1782.89
234	16	348	38.77	-30.03	-131.26	-51.23	-110.07	-41.19	366.75	-2179.59	291.63	-2104.47	430.86
		339	29.94	18.80	-40.68	-29.89	8.00	-22.93	223.29	-1757.88	192.34	-1726.92	245.69
		341	19.50	15.18	-64.43	-12.53	-36.72	-37.92	-213.87	-1306.85	-228.90	-1291.82	127.30
		349	16.33	34.83	-19.29	30.57	-15.03	14.57	-196.07	-1062.44	-252.79	-1005.72	214.30
234	48	348	37.66	-36.19	-141.82	-51.13	-126.88	-36.81	264.02	-2076.74	230.09	-2042.80	279.81
		339	24.65	1.74	-42.33	-31.74	-8.85	-18.83	177.49	-1494.61	167.61	-1484.73	128.19
		341	16.52	7.90	-71.46	-10.07	-53.49	-33.21	-152.94	-1015.69	-161.97	-1006.66	87.76
		349	15.23	34.12	-37.17	28.83	-31.88	18.69	-191.87	-929.62	-221.53	-899.97	144.92
234	80	348	37.59	-36.59	-142.69	-51.12	-128.15	-36.48	256.73	-2069.45	225.37	-2038.10	268.24
		339	24.25	0.47	-42.48	-31.88	-10.13	-18.52	174.37	-1474.84	165.72	-1466.18	119.19
		341	16.29	7.46	-72.10	-9.89	-54.76	-32.85	-148.26	-993.40	-156.84	-984.81	84.76
		349	15.15	34.07	-38.53	28.70	-33.16	19.00	-191.31	-919.70	-219.14	-891.87	139.61
235	13	349	16.47	-8.91	-109.21	-10.91	-107.21	14.04	44.00	-728.92	41.06	-725.99	47.54
		341	16.73	-3.86	-96.99	-3.92	-96.93	-2.32	4.16	-796.42	1.46	-793.71	-46.44
		342	9.92	-1.15	-86.25	-1.51	-85.89	5.51	33.94	-358.38	33.70	-358.14	9.72
		350	9.85	3.49	-88.34	0.86	-85.71	15.32	17.96	-373.92	8.69	-364.64	-59.58
235	45	349	16.18	-6.13	-84.59	-7.10	-83.62	8.68	44.31	-784.57	28.29	-768.55	114.11
		341	15.83	-1.44	-74.25	-2.32	-73.37	-7.94	-8.64	-819.21	-8.86	-818.99	13.55
		342	9.09	-2.04	-62.37	-2.05	-62.37	-0.37	19.71	-398.95	5.26	-384.50	76.43
		350	9.18	3.22	-63.57	1.80	-62.16	9.61	-23.07	-408.94	-23.56	-408.45	13.77
235	77	349	16.16	-5.91	-82.73	-6.81	-81.83	8.27	44.70	-789.17	27.29	-771.77	119.20
		341	15.77	-1.20	-72.58	-2.20	-71.58	-8.37	-9.25	-821.27	-9.66	-820.86	18.13
		342	9.03	-2.07	-60.59	-2.09	-60.58	-0.82	19.46	-402.84	3.08	-386.46	81.53
		350	9.14	3.20	-61.70	1.88	-60.37	9.17	-25.05	-412.73	-26.03	-411.76	19.39
236	13	350	14.53	-4.90	-106.73	-7.51	-104.12	16.09	-11.70	-638.35	-12.32	-637.73	-19.73
		342	14.29	-4.40	-103.49	-5.01	-102.88	7.73	-9.66	-622.03	-9.74	-621.95	-7.03
		343	10.55	2.08	-97.35	0.45	-95.71	12.65	35.77	-359.47	35.55	-359.25	9.33
		351	10.55	1.43	-96.65	-1.23	-93.99	15.93	19.57	-387.02	16.00	-383.45	-37.97
236	45	350	11.65	-2.51	-73.77	-3.71	-72.56	9.20	-8.66	-539.79	-12.68	-535.77	46.04
		342	11.50	-2.98	-71.34	-2.99	-71.34	0.67	-7.86	-539.39	-13.07	-534.18	52.37
		343	7.74	0.18	-64.63	-0.26	-64.19	5.32	27.39	-288.84	14.68	-276.12	62.12
		351	7.51	0.96	-63.67	-0.26	-62.45	8.77	-0.97	-287.79	-2.52	-286.24	21.03
236	77	350	11.44	-2.32	-71.27	-3.43	-70.16	8.68	-7.69	-533.01	-12.71	-527.99	51.08
		342	11.29	-2.84	-68.94	-2.84	-68.94	0.13	-7.10	-533.72	-13.33	-527.49	56.92
		343	7.54	0.05	-62.16	-0.31	-61.79	4.76	27.79	-284.50	13.08	-269.79	66.16
		351	7.28	0.93	-61.17	-0.18	-60.06	8.22	-1.58	-281.18	-3.93	-278.83	25.55
237	13	351	14.89	-4.11	-116.48	-6.46	-114.12	16.10	-32.21	-640.68	-34.32	-638.56	-35.81

		343	14.72	-2.58	-117.12	-4.03	-115.67	12.79	-15.47	-606.79	-15.51	-606.75	4.57
		344	11.93	3.48	-114.07	1.28	-111.87	15.93	32.95	-396.69	32.85	-396.60	6.30
		352	11.91	1.33	-111.31	-1.05	-108.93	16.19	13.87	-430.14	10.76	-427.02	-37.04
237	45	351	9.68	-2.06	-74.30	-3.08	-73.28	8.51	-21.37	-412.13	-22.63	-410.86	22.16
		343	9.81	-2.17	-75.20	-2.52	-74.85	5.05	-0.69	-408.02	-8.29	-400.42	55.12
		344	6.92	1.12	-71.94	0.23	-71.05	8.00	29.63	-205.77	19.71	-195.85	47.30
		352	6.55	0.74	-69.13	-0.29	-68.11	8.39	0.33	-205.64	-0.26	-205.05	11.01
237	77	351	9.29	-1.90	-71.10	-2.82	-70.18	7.93	-19.84	-395.32	-21.73	-393.43	26.60
		343	9.44	-2.12	-72.03	-2.41	-71.74	4.46	1.28	-393.63	-7.74	-384.62	58.99
		344	6.55	0.95	-68.74	0.15	-67.95	7.40	30.75	-192.52	18.70	-180.48	50.43
		352	6.15	0.70	-65.93	-0.23	-65.00	7.80	0.06	-189.19	-1.09	-188.04	14.68
238	13	352	16.48	-4.43	-132.80	-6.42	-130.82	15.84	-47.82	-695.73	-48.77	-694.78	-24.80
		344	16.43	-1.44	-135.64	-3.25	-133.83	15.50	-19.94	-658.83	-20.26	-658.50	14.39
		345	13.96	3.30	-134.82	0.92	-132.44	17.97	21.55	-469.10	21.28	-468.83	11.39
		353	13.82	-0.05	-130.75	-2.05	-128.76	16.02	-14.69	-503.14	-15.87	-501.96	-24.05
238	45	352	8.81	-2.24	-80.48	-3.05	-79.67	7.91	-26.41	-335.86	-27.37	-334.91	17.18
		344	9.12	-1.44	-83.37	-2.13	-82.68	7.45	3.81	-331.37	-4.01	-323.56	50.59
		345	6.57	1.16	-82.47	-6.47e-03	-81.30	9.81	30.40	-146.39	22.36	-138.36	36.82
		353	6.05	0.05	-78.43	-0.77	-77.61	7.97	-9.81	-147.00	-10.16	-146.65	6.89
238	77	352	8.23	-2.06	-76.50	-2.79	-75.78	7.31	-24.26	-308.80	-25.73	-307.34	20.39
		344	8.57	-1.44	-79.40	-2.04	-78.79	6.84	6.59	-307.25	-2.76	-297.89	53.36
		345	6.02	1.00	-78.49	-0.08	-77.41	9.18	32.75	-123.35	22.44	-113.04	38.76
		353	5.46	0.06	-74.45	-0.67	-73.72	7.36	-8.95	-120.20	-9.72	-119.43	9.26
239	16	353	21.11	90.55	5.15	8.68	87.02	-16.99	1168.91	61.46	68.28	1162.09	86.66
		345	19.31	85.69	-1.82	0.95	82.92	-15.32	1057.93	71.24	80.75	1048.42	96.41
		346	21.95	84.29	-6.69	-4.83	82.43	-12.88	1217.04	73.10	73.67	1216.48	25.32
		354	23.95	88.85	-0.10	3.08	85.67	-16.52	1337.35	46.67	46.85	1337.17	15.11
239	48	353	10.61	26.79	1.29	4.22	23.86	-8.13	651.92	22.76	29.06	645.63	62.63
		345	9.50	21.61	-2.08	-0.23	19.77	-6.34	595.15	40.70	52.06	583.79	78.53
		346	11.96	19.91	-3.79	-3.16	19.28	-3.81	757.95	60.22	61.39	756.78	28.50
		354	13.30	24.95	-0.92	1.51	22.52	-7.55	826.00	24.15	24.36	825.78	13.17
239	80	353	9.81	22.10	0.83	3.88	19.06	-7.45	612.37	19.75	26.05	606.06	60.80
		345	8.76	16.83	-2.19	-0.33	14.96	-5.66	559.88	38.19	49.86	548.20	77.17
		346	11.20	15.02	-3.57	-3.04	14.48	-3.12	722.82	59.20	60.45	721.57	28.76
		354	12.49	20.22	-1.11	1.39	17.71	-6.87	786.83	22.42	22.64	786.61	13.04
240	16	354	28.49	125.50	7.77	16.86	116.41	-31.43	1549.60	51.95	52.59	1548.97	-30.81
		346	27.41	112.57	-9.30	-5.20	108.48	-21.96	1524.91	142.55	143.22	1524.24	30.61
		347	29.78	121.51	10.24	15.49	116.25	-23.61	1767.54	358.86	358.94	1767.45	10.92
		1	29.24	105.96	27.41	32.54	100.83	-19.40	1775.74	308.94	316.25	1768.44	-103.27
240	48	354	15.53	44.89	1.93	9.75	37.07	-16.58	927.24	8.75	8.75	927.23	1.29
		346	14.37	30.56	-5.54	-4.12	29.14	-7.02	901.20	97.11	98.17	900.13	29.27
		347	17.23	39.07	1.05	3.21	36.91	-8.81	1126.87	230.80	230.91	1126.76	9.70
		1	16.74	23.39	9.88	11.78	21.48	-4.70	1135.34	182.18	187.78	1129.74	-72.88
240	80	354	14.54	39.03	1.21	9.21	31.03	-15.45	879.63	5.37	5.39	879.61	3.75
		346	13.37	24.32	-5.25	-4.03	23.10	-5.88	853.45	93.60	94.72	852.33	29.18
		347	16.27	32.81	0.34	2.28	30.87	-7.69	1077.80	220.99	221.10	1077.69	9.61
		1	15.79	17.26	8.39	10.20	15.45	-3.58	1086.30	172.47	177.95	1080.82	-70.55
241	15	358	25.54	16.33	-85.09	-47.77	-20.99	48.91	1407.13	-97.07	264.30	1045.75	-642.64
		355	43.53	-6.75	-161.25	-12.19	-155.80	28.49	2385.32	19.00	94.32	2310.00	-415.40
		356	12.50	8.76	-46.62	8.26	-46.12	-5.22	666.09	6.19	11.51	660.77	59.01
		357	14.92	6.48	-68.17	-4.84	-56.84	26.78	824.10	45.84	45.89	824.05	6.28
241	47	358	24.18	22.69	-81.93	-46.59	-12.65	49.49	1333.70	-79.99	269.81	983.90	-610.04
		355	41.55	-5.59	-153.42	-11.54	-147.46	29.06	2278.73	21.51	89.37	2210.86	-385.47
		356	10.75	8.13	-38.25	7.66	-37.78	-4.65	569.49	-11.13	-1.45	559.80	74.37
		357	13.55	8.44	-61.64	-4.70	-48.50	27.35	761.14	38.80	39.60	760.34	23.94
241	79	358	24.08	23.17	-81.71	-46.50	-12.04	49.53	1328.13	-78.71	270.21	979.20	-607.57
		355	41.40	-5.50	-152.85	-11.49	-146.85	29.10	2270.63	21.69	89.00	2203.32	-383.21
		356	10.62	8.09	-37.64	7.62	-37.17	-4.61	562.22	-12.53	-2.43	552.12	75.50
		357	13.45	8.60	-61.18	-4.69	-47.89	27.40	756.39	38.23	39.12	755.50	25.26
242	15	357	12.34	-0.38	-61.34	-9.38	-52.35	21.62	670.40	65.66	69.75	666.32	-49.55
		356	15.35	-3.64	-67.11	-3.64	-67.11	-0.13	819.19	26.73	28.29	817.62	-35.14
		359	8.38	1.88	-35.13	1.73	-34.98	-2.36	441.13	5.39	7.63	438.89	31.10
		360	8.19	-1.24	-42.89	-3.53	-40.60	9.50	437.85	24.15	32.21	429.78	57.19
242	47	357	11.26	4.09	-52.76	-8.25	-40.43	23.43	632.47	63.28	66.10	629.64	-40.01
		356	14.23	-1.81	-55.24	-1.87	-55.19	1.68	778.58	23.12	24.01	777.69	-25.93
		359	7.23	1.57	-23.07	1.55	-23.06	-0.54	401.92	-2.72	1.03	398.17	38.78
		360	7.09	0.94	-33.00	-3.37	-28.68	11.31	403.52	14.77	26.04	392.25	65.23
242	79	357	11.18	4.46	-52.17	-8.16	-39.54	23.57	629.68	63.10	65.84	626.93	-39.33
		356	14.14	-1.67	-54.37	-1.73	-54.30	1.82	775.61	22.85	23.70	774.76	-25.27
		359	7.15	1.55	-22.19	1.54	-22.18	-0.41	399.06	-3.35	0.53	395.18	39.33
		360	7.01	1.16	-32.32	-3.36	-27.80	11.44	401.00	14.04	25.58	389.47	65.81
243	7	360	9.01	-5.08	-61.90	-5.63	-61.35	5.56	416.67	-8.45	10.11	398.11	86.86
		359	9.46	-2.28	-58.00	-2.94	-57.34	-6.03	434.62	-12.76	-5.19	427.05	57.70
		361	6.24	2.70	-43.04	1.75	-42.09	-6.54	261.46	-15.85	3.31	242.29	70.34
		362	6.87	-0.04	-52.94	-0.08	-52.90	-1.45	282.28	-41.76	5.15	235.37	114.02
243	39	360	7.52	-2.04	-41.87	-4.46	-39.46	9.51	393.58	-0.89	14.81	377.89	77.10
		359	7.95	-1.17	-35.57	-1.30	-35.44	-2.08	411.20	-5.38	-0.20	406.02	46.16

		361	4.70	1.50	-20.50	1.19	-20.19	-2.58	236.92	-13.39	1.47	222.06	59.15
		362	5.36	-0.84	-31.21	-1.05	-31.01	2.50	258.81	-39.45	3.40	215.96	104.61
243	71	360	7.41	-1.70	-40.47	-4.37	-37.80	9.81	391.88	-0.32	15.16	376.40	76.37
		359	7.84	-1.08	-33.88	-1.17	-33.78	-1.78	409.50	-4.84	0.18	404.48	45.29
		361	4.59	1.41	-18.80	1.15	-18.53	-2.28	235.13	-13.21	1.33	220.59	58.31
		362	5.24	-0.85	-29.62	-1.12	-29.35	2.80	257.08	-39.27	3.27	214.54	103.91
244	6	362	7.66	51.16	-4.94	-0.56	46.79	15.05	328.08	-7.54	12.90	307.64	80.26
		361	7.67	59.18	1.77	3.59	57.37	10.05	323.62	11.28	13.96	320.94	28.79
		363	6.24	65.36	-2.00	-0.55	63.91	9.79	190.57	-7.57	-1.99	185.00	32.77
		364	6.24	52.46	-5.86	-4.00	50.60	10.24	212.24	-43.81	-10.50	178.93	86.14
244	38	362	5.54	20.16	-6.43	-1.46	15.19	10.37	280.63	-21.45	7.02	252.16	88.26
		361	5.33	26.92	0.63	1.78	25.77	5.37	267.82	1.60	7.39	262.03	38.86
		363	3.85	33.10	-0.79	-2.06e-03	32.31	5.11	139.73	-12.90	-0.55	127.38	41.62
		364	4.14	20.35	-3.92	-2.57	19.00	5.56	172.48	-56.60	-8.87	124.76	93.03
244	70	362	5.38	17.94	-6.67	-1.53	12.79	10.01	277.13	-22.61	6.57	247.95	88.86
		361	5.15	24.47	0.54	1.64	23.38	5.01	263.67	0.78	6.89	257.55	39.62
		363	3.67	30.65	-0.70	0.04	29.91	4.76	136.10	-13.54	-0.45	123.01	42.28
		364	4.00	17.93	-3.79	-2.46	16.61	5.21	169.68	-57.79	-8.75	120.64	93.54
245	6	364	7.94	71.17	-2.18	-0.47	69.47	11.05	281.92	-22.54	5.56	253.82	88.11
		363	8.05	84.10	2.60	4.02	82.68	10.65	265.52	10.30	15.24	260.58	35.15
		365	6.52	84.68	-1.63	-0.34	83.38	10.49	146.78	-8.95	-1.35	139.18	33.56
		366	6.44	70.35	-5.19	-4.43	69.59	7.55	173.15	-53.96	-17.27	136.46	83.59
245	38	364	4.82	28.13	-2.30	-1.09	26.92	5.95	204.26	-44.02	-1.15	161.39	93.84
		363	4.65	40.93	1.15	1.94	40.13	5.55	175.33	-3.05	7.80	164.48	42.64
		365	3.10	41.54	-0.65	0.06	40.83	5.40	68.03	-23.67	-0.17	44.52	40.04
		366	3.35	27.24	-2.79	-2.59	27.04	2.45	107.75	-77.70	-15.43	45.48	87.58
245	70	364	4.60	24.87	-2.33	-1.14	23.68	5.57	198.66	-46.01	-1.67	154.31	94.25
		363	4.40	37.64	1.04	1.78	36.90	5.17	168.68	-4.33	7.23	157.12	43.19
		365	2.85	38.26	-0.57	0.09	37.60	5.01	63.20	-26.01	-0.09	37.28	40.51
		366	3.15	23.97	-2.61	-2.45	23.81	2.06	103.50	-80.28	-15.30	38.51	87.86
246	7	366	10.08	-0.61	-118.76	-2.02	-117.35	-12.83	4.06	-323.75	-28.55	-291.14	98.11
		365	9.52	-3.68	-104.54	-4.65	-103.57	-9.86	-5.72	-312.81	-15.22	-303.31	53.17
		367	11.63	0.47	-108.34	-0.46	-107.41	-10.03	0.39	-424.59	-4.42	-419.78	44.96
		368	11.97	4.23	-122.17	2.20	-120.14	-15.87	-9.00	-413.23	-19.10	-403.14	63.07
246	39	366	5.63	-0.80	-63.64	-1.65	-62.80	-7.22	27.02	-206.00	-20.81	-158.18	94.11
		365	4.93	-1.82	-49.41	-2.21	-49.02	-4.26	7.27	-179.99	-6.62	-166.10	49.08
		367	6.92	0.36	-53.23	-0.01	-52.86	-4.43	3.96	-289.64	-1.84	-283.85	40.85
		368	7.27	2.10	-67.15	0.54	-65.59	-10.27	-2.79	-289.24	-20.57	-271.46	69.12
246	71	366	5.30	-0.82	-59.45	-1.62	-58.65	-6.80	29.41	-197.62	-20.21	-147.99	93.83
		365	4.58	-1.68	-45.21	-2.02	-44.87	-3.83	8.54	-170.09	-5.97	-155.58	48.80
		367	6.56	0.35	-49.04	0.02	-48.71	-4.00	4.28	-279.35	-1.65	-273.43	40.57
		368	6.92	1.94	-62.97	0.42	-61.44	-9.84	-2.03	-280.02	-20.68	-261.36	69.55
247	7	368	14.24	-0.52	-151.09	-2.91	-148.69	-18.84	-31.90	-484.81	-39.66	-477.06	58.74
		367	14.06	-6.00	-136.90	-7.24	-135.65	-12.72	-16.56	-506.24	-17.98	-504.83	26.28
		369	16.70	0.62	-146.46	-0.65	-145.19	-13.62	-15.04	-635.16	-15.04	-635.16	0.36
		370	16.46	6.64	-156.62	3.50	-153.48	-22.44	-44.09	-599.31	-45.08	-598.32	23.39
247	39	368	8.37	-0.48	-81.99	-2.20	-80.26	-11.72	-15.24	-321.74	-30.50	-306.49	66.66
		367	8.09	-2.88	-67.71	-3.37	-67.22	-5.60	-3.22	-326.97	-6.67	-323.53	33.23
		369	10.59	0.34	-77.30	-0.20	-76.76	-6.50	-9.02	-455.26	-9.30	-454.98	11.09
		370	10.41	3.41	-87.70	0.76	-85.05	-15.32	-38.12	-432.11	-41.36	-428.87	35.58
247	71	368	7.93	-0.47	-76.73	-2.15	-75.05	-11.18	-13.64	-309.59	-29.80	-293.43	67.25
		367	7.64	-2.64	-62.44	-3.08	-62.01	-5.06	-2.11	-313.35	-5.81	-309.65	33.73
		369	10.13	0.32	-72.04	-0.17	-71.55	-5.96	-8.53	-441.51	-8.86	-441.19	11.90
		370	9.95	3.18	-82.47	0.55	-79.84	-14.78	-37.56	-419.42	-41.08	-415.89	36.51
248	7	370	19.51	7.97	-202.68	-0.18	-194.52	-40.64	-60.44	-665.86	-60.89	-665.41	16.50
		369	18.86	-6.61	-184.78	-10.33	-181.06	-25.47	11.96	-654.87	11.86	-654.77	-8.14
		11	21.59	-40.09	-218.63	-48.54	-210.18	-37.90	-126.06	-830.61	-131.03	-825.64	-58.97
		371	20.47	-22.10	-197.24	-31.29	-188.05	-39.05	-170.17	-835.91	-170.18	-835.91	2.38
248	39	370	11.94	3.67	-113.09	-2.29	-107.13	-25.70	-48.32	-461.99	-50.19	-460.12	27.71
		369	11.71	-2.19	-94.88	-3.40	-93.67	-10.53	20.39	-463.25	20.02	-462.89	13.28
		11	14.74	-21.05	-127.97	-26.23	-122.79	-22.96	-87.75	-631.07	-91.39	-627.43	-44.32
		371	13.35	-11.51	-107.18	-18.02	-100.66	-24.11	-127.76	-624.38	-127.85	-624.28	6.74
248	71	370	11.37	3.35	-106.28	-2.45	-100.48	-24.56	-47.32	-446.49	-49.37	-444.44	28.56
		369	11.17	-1.84	-88.05	-2.87	-87.02	-9.39	21.11	-448.71	20.64	-448.23	14.92
		11	14.21	-19.60	-121.07	-24.54	-116.14	-21.82	-84.83	-615.83	-88.36	-612.29	-43.20
		371	12.81	-10.68	-100.34	-17.01	-94.01	-22.97	-124.51	-608.22	-124.62	-608.11	7.08
249	16	373	10.37	0.24	-19.95	-18.98	-0.73	4.31	592.41	-141.31	85.35	365.74	-339.02
		358	20.08	0.40	-61.91	-49.80	-11.71	24.66	1204.41	-52.31	214.00	938.10	-513.57
		357	12.99	6.58	-51.00	-10.72	-33.70	26.40	779.42	76.00	77.86	777.56	-36.07
		372	8.60	5.41	-36.80	-23.67	-7.72	19.54	538.50	-0.20	14.02	524.28	-86.35
249	48	373	9.51	3.82	-17.02	-14.41	1.21	6.89	530.61	-132.00	60.83	337.78	-300.98
		358	18.90	4.96	-60.15	-45.42	-9.77	27.24	1116.90	-55.41	183.27	878.22	-472.06
		357	12.09	10.39	-51.68	-9.52	-31.76	28.98	719.75	57.19	57.35	719.59	-10.27
		372	8.10	9.50	-37.82	-22.54	-5.78	22.12	506.27	-9.07	-1.03	498.24	-63.84
249	80	373	9.44	4.12	-16.84	-14.08	1.36	7.09	526.00	-131.31	59.03	335.67	-298.13
		358	18.81	5.31	-60.03	-45.10	-9.62	27.44	1110.30	-55.65	180.99	873.66	-468.95
		357	12.03	10.69	-51.73	-9.43	-31.61	29.17	715.29	55.74	55.85	715.18	-8.36

		372	8.06	9.81	-37.89	-22.45	-5.63	22.32	503.91	-9.76	-2.12	496.27	-62.19
250	15	372	8.36	-11.90	-34.85	-21.66	-25.09	11.35	496.25	14.97	22.46	488.76	-59.58
		357	11.53	-10.40	-49.62	-16.31	-43.72	14.02	667.60	77.55	81.70	663.46	-49.27
		360	7.69	-5.12	-33.96	-5.33	-33.76	2.40	429.49	38.69	43.74	424.44	44.14
		374	6.66	-10.59	-31.45	-12.06	-29.98	5.33	372.38	11.78	15.88	368.28	38.21
250	47	372	7.73	0.10	-35.52	-19.13	-16.30	17.76	464.25	5.37	10.32	459.30	-47.41
		357	10.73	-0.88	-47.19	-13.14	-34.93	20.43	626.74	65.59	68.03	624.29	-36.94
		360	6.75	-0.82	-28.18	-4.04	-24.97	8.81	392.96	23.00	30.70	385.26	52.81
		374	5.85	-3.54	-29.00	-11.36	-21.19	11.74	345.17	-1.87	4.50	338.80	46.59
250	79	372	7.68	1.03	-35.60	-18.93	-15.64	18.24	461.92	4.67	9.45	457.13	-46.52
		357	10.67	-0.10	-47.08	-12.91	-34.27	20.91	623.74	64.71	67.05	621.41	-36.05
		360	6.68	-0.34	-27.92	-3.94	-24.31	9.29	390.29	21.83	29.75	382.37	53.43
		374	5.79	-2.85	-28.99	-11.30	-20.53	12.22	343.19	-2.89	3.67	336.63	47.19
251	3	374	7.77	-15.41	-48.81	-15.68	-48.53	-3.00	363.48	-36.30	-25.12	352.30	65.91
		360	8.84	-9.69	-53.27	-10.27	-52.69	-5.00	421.39	-14.01	-0.37	407.76	75.83
		362	6.81	-0.24	-48.12	-3.52	-44.84	-12.09	281.55	-25.38	9.15	247.03	96.97
		375	6.62	-4.96	-51.87	-7.86	-48.97	-11.29	258.23	-37.46	-8.56	229.34	87.80
251	35	374	6.32	-10.60	-33.43	-13.33	-30.70	7.41	337.98	-24.08	-15.09	328.99	56.34
		360	7.31	-6.05	-35.88	-7.07	-34.86	5.42	391.55	-0.53	10.50	380.52	64.81
		362	5.16	-2.60	-27.13	-2.72	-27.01	-1.68	251.60	-26.09	4.96	220.56	87.51
		375	5.04	-7.77	-31.17	-7.80	-31.14	-0.88	232.69	-38.19	-12.26	206.77	79.70
251	67	374	6.21	-9.72	-32.78	-13.15	-29.35	8.20	336.13	-23.17	-14.34	327.30	55.63
		360	7.20	-5.45	-34.88	-6.82	-33.50	6.21	389.37	0.47	11.30	378.54	63.99
		362	5.04	-2.62	-25.69	-2.66	-25.65	-0.88	249.42	-26.13	4.65	218.63	86.81
		375	4.92	-7.80	-29.79	-7.80	-29.79	-0.08	230.84	-38.24	-12.53	205.13	79.10
252	6	375	7.44	51.64	-23.47	-5.42	33.59	32.09	298.78	-5.86	5.74	287.18	58.29
		362	7.63	56.07	-16.00	2.53	37.54	31.50	322.02	12.05	25.13	308.94	62.32
		364	6.26	54.13	-13.50	-0.52	41.16	26.63	205.13	-17.59	5.61	181.94	68.03
		376	6.08	45.13	-19.30	-7.12	32.94	25.23	191.67	-49.90	-32.28	174.06	62.81
252	38	375	5.33	21.04	-20.78	-6.85	7.11	19.71	251.45	-22.05	-5.53	234.92	65.17
		362	5.49	25.37	-14.46	-0.14	11.06	19.11	271.49	-6.27	12.96	252.26	70.51
		364	4.15	23.10	-9.41	-0.98	14.67	14.25	160.86	-36.28	-1.70	126.28	74.97
		376	3.90	14.42	-14.27	-6.31	6.46	12.85	149.52	-54.30	-27.60	122.81	68.78
252	70	375	5.17	18.78	-20.64	-6.96	5.10	18.77	247.91	-23.34	-6.38	230.95	65.67
		362	5.33	23.12	-14.41	-0.34	9.04	18.17	267.74	-7.74	12.04	247.96	71.12
		364	4.00	20.78	-9.13	-1.01	12.66	13.30	157.68	-37.86	-2.24	122.05	75.48
		376	3.74	12.15	-13.95	-6.25	4.44	11.90	146.48	-54.81	-27.24	118.92	69.20
253	6	376	7.38	58.69	-16.35	-4.57	46.90	27.30	263.52	-14.68	1.69	247.15	65.48
		364	7.70	67.78	-9.83	2.90	55.05	28.74	275.53	0.43	19.21	256.75	69.37
		366	6.21	64.95	-9.38	0.44	55.12	25.17	167.21	-24.35	1.97	140.90	65.95
		377	5.77	53.58	-14.31	-6.10	45.37	22.14	158.14	-35.25	-15.42	138.31	58.67
253	38	376	4.41	19.72	-12.94	-5.29	12.06	13.84	183.18	-36.43	-11.38	158.13	69.81
		364	4.73	28.52	-7.87	0.44	20.21	15.28	193.18	-25.13	5.14	162.91	75.45
		366	3.36	25.58	-5.63	-0.33	20.28	11.71	96.14	-55.04	-7.00	48.09	70.39
		377	2.92	14.39	-8.96	-5.10	10.53	8.68	86.75	-59.81	-23.40	50.33	63.33
253	70	376	4.19	16.82	-12.75	-5.34	9.41	12.81	177.23	-38.30	-12.38	151.31	70.11
		364	4.51	25.58	-7.77	0.25	17.56	14.25	187.17	-27.38	4.07	155.72	75.88
		366	3.18	22.60	-5.36	-0.39	17.63	10.68	91.42	-58.12	-7.68	40.98	70.70
		377	2.73	11.43	-8.58	-5.02	7.88	7.65	81.87	-62.28	-24.00	43.60	63.66
254	7	377	9.01	3.59	-114.95	-5.43	-105.93	-31.44	-47.56	-289.49	-60.35	-276.70	54.14
		366	8.77	1.24	-104.40	-6.99	-96.17	-28.33	-31.87	-308.24	-46.65	-293.46	62.18
		368	10.68	4.49	-108.44	-5.12	-98.83	-31.51	-44.66	-411.96	-50.40	-406.23	45.53
		378	10.82	7.80	-118.74	-3.07	-107.88	-35.45	-59.51	-387.76	-64.34	-382.93	39.54
254	39	377	4.94	-0.42	-66.97	-4.98	-62.42	-16.81	-16.20	-175.99	-44.67	-147.52	61.14
		366	4.76	-0.45	-56.25	-4.04	-52.66	-13.70	-0.12	-188.43	-29.85	-158.70	68.66
		368	6.52	1.91	-60.30	-3.08	-55.32	-16.89	-25.12	-283.63	-36.67	-272.08	53.41
		378	6.63	2.87	-70.82	-3.58	-64.37	-20.83	-40.87	-265.23	-51.74	-254.36	48.18
254	71	377	4.64	-0.72	-63.32	-4.94	-59.10	-15.70	-12.98	-168.11	-43.47	-137.62	61.64
		366	4.47	-0.57	-52.59	-3.82	-49.35	-12.59	3.00	-179.93	-28.56	-148.37	69.12
		368	6.22	1.71	-56.64	-2.92	-52.01	-15.77	-23.40	-274.03	-35.62	-261.80	53.99
		378	6.32	2.49	-67.17	-3.62	-61.06	-19.71	-39.17	-256.11	-50.78	-244.50	48.82
255	7	378	12.79	7.04	-138.26	-5.26	-125.95	-40.45	-75.91	-465.08	-79.88	-461.11	39.12
		368	12.53	1.22	-127.69	-9.72	-116.74	-35.93	-59.46	-483.12	-63.62	-478.96	41.80
		370	14.44	-5.15	-135.38	-19.22	-121.31	-40.43	-92.54	-605.68	-93.08	-605.15	16.60
		379	14.34	0.44	-141.64	-14.29	-126.91	-43.31	-104.22	-576.53	-105.13	-575.62	20.68
255	39	378	7.62	2.26	-81.25	-4.87	-74.12	-23.34	-49.69	-300.90	-59.16	-291.43	47.85
		368	7.43	0.13	-70.35	-5.31	-64.91	-18.81	-32.42	-315.73	-42.22	-305.92	51.78
		370	9.36	-2.50	-77.59	-10.62	-69.47	-23.31	-64.65	-433.20	-66.73	-431.12	27.58
		379	9.23	-0.54	-84.28	-9.75	-75.07	-26.20	-76.67	-407.75	-79.46	-404.95	30.27
255	71	378	7.23	1.90	-76.91	-4.84	-70.17	-22.03	-47.39	-288.62	-57.57	-278.44	48.50
		368	7.05	0.05	-65.99	-4.98	-60.96	-17.51	-30.08	-303.18	-40.58	-292.68	52.53
		370	8.98	-2.30	-73.19	-9.96	-65.53	-22.01	-62.44	-420.07	-64.71	-417.80	28.41
		379	8.84	-0.62	-79.91	-9.41	-71.13	-24.89	-74.47	-394.91	-77.49	-391.89	30.99
256	7	379	16.00	-0.65	-150.14	-15.70	-135.08	-44.99	-123.78	-672.30	-124.86	-671.22	24.31
		370	15.60	-8.01	-142.21	-21.46	-128.76	-40.30	-105.10	-668.42	-105.69	-667.83	18.17
		371	17.85	-13.88	-148.94	-31.07	-131.76	-45.01	-164.91	-832.66	-164.91	-832.65	-0.96
		380	17.59	-8.07	-150.47	-23.35	-135.19	-44.07	-159.58	-796.30	-159.63	-796.26	5.51

256	39	379	10.09	-1.24	-89.71	-10.85	-80.10	-27.54	-86.59	-454.05	-89.31	-451.32	31.55
		370	9.90	-4.68	-81.34	-12.24	-73.78	-22.85	-70.08	-460.00	-72.12	-457.96	28.09
		371	12.24	-6.93	-87.64	-17.80	-76.77	-27.56	-122.57	-621.06	-122.59	-621.03	3.40
		380	11.79	-5.03	-89.63	-14.46	-80.21	-26.62	-115.18	-574.72	-115.30	-574.60	7.30
256	71	379	9.64	-1.28	-85.11	-10.48	-75.91	-26.20	-83.66	-437.45	-86.60	-434.51	32.09
		370	9.47	-4.43	-76.70	-11.53	-69.59	-21.52	-67.33	-444.15	-69.55	-441.93	28.85
		371	11.81	-6.40	-82.98	-16.79	-72.59	-26.22	-119.33	-604.89	-119.36	-604.86	3.73
		380	11.35	-4.80	-85.00	-13.78	-76.02	-25.29	-111.78	-557.78	-111.91	-557.65	7.43
257	26	382	6.63	31.50	-31.67	-6.13	5.95	31.00	250.48	-59.02	34.71	156.75	-142.21
		373	10.62	27.29	-41.71	-18.59	4.16	32.57	493.91	-97.47	80.26	316.18	-271.14
		372	8.10	36.77	-50.46	-12.67	-1.02	43.22	438.50	-13.69	-7.57	432.39	-52.24
		381	5.93	32.87	-40.79	-11.95	4.03	35.95	290.89	-38.25	-30.75	283.40	-49.09
257	58	382	5.81	21.30	-21.31	-3.49	3.48	21.02	253.17	-57.42	25.99	169.76	-137.65
		373	9.86	17.12	-31.36	-15.92	1.69	22.59	498.73	-94.56	71.38	332.79	-266.29
		372	7.80	24.43	-43.05	-15.11	-3.50	33.24	452.28	-18.02	-13.19	447.45	-47.42
		381	5.46	20.76	-33.55	-14.34	1.55	25.97	300.95	-41.90	-35.88	294.92	-45.06
257	90	382	5.75	20.54	-20.55	-3.31	3.29	20.28	253.43	-57.32	25.37	170.73	-137.33
		373	9.80	16.37	-30.61	-15.74	1.50	21.85	499.15	-94.36	70.75	334.03	-265.96
		372	7.78	23.52	-42.51	-15.30	-3.69	32.50	453.32	-18.32	-13.58	448.58	-47.08
		381	5.43	19.87	-33.03	-14.52	1.36	25.23	301.72	-42.16	-36.22	295.78	-44.78
258	6	381	6.16	48.94	-41.73	-6.19	13.40	44.26	269.06	-64.02	-57.75	262.80	-45.24
		372	7.94	52.24	-50.61	-5.53	7.15	51.03	391.43	-29.41	-22.74	384.76	-52.53
		374	6.69	45.87	-45.99	-3.65	3.53	45.79	273.72	-29.17	-24.45	269.00	37.53
		383	6.33	39.91	-44.30	-11.68	7.29	41.02	232.51	-62.67	-60.68	230.51	24.20
258	43	381	5.20	-3.84	-23.62	-19.20	-8.26	8.24	322.68	-24.87	-19.49	317.30	-42.91
		372	7.48	-1.97	-32.48	-19.96	-14.50	15.01	461.27	10.52	16.00	455.80	-49.39
		374	5.67	-5.64	-25.76	-13.28	-18.12	9.77	345.36	-1.56	4.65	339.16	45.98
		383	4.76	-11.40	-22.81	-19.85	-14.36	5.00	287.32	-35.34	-32.14	284.11	31.99
258	75	381	5.19	-2.78	-23.94	-18.93	-7.80	9.00	320.85	-26.18	-20.97	315.64	-42.19
		372	7.46	-0.83	-32.86	-19.65	-14.04	15.77	458.78	9.11	14.42	453.47	-48.57
		374	5.63	-4.59	-26.14	-13.07	-17.66	10.53	343.29	-2.91	3.46	336.92	46.53
		383	4.72	-10.34	-23.24	-19.68	-13.90	5.76	285.83	-36.52	-33.23	282.53	32.43
259	7	383	6.89	-13.14	-50.82	-25.61	-38.35	-17.73	304.24	-79.89	-73.89	298.24	47.62
		374	7.68	-14.90	-47.95	-21.34	-41.51	-13.09	363.30	-50.88	-41.51	353.92	61.60
		375	6.64	-1.47	-53.01	-12.55	-41.93	-21.18	258.75	-27.39	1.37e-03	231.35	84.19
		384	6.52	-2.24	-59.09	-17.25	-44.08	-25.06	230.88	-45.33	-26.28	211.83	70.00
259	39	383	5.39	-20.85	-24.55	-21.38	-24.02	-1.30	282.06	-62.34	-57.38	277.10	41.03
		374	6.19	-15.18	-28.11	-16.12	-27.18	3.34	337.30	-32.20	-24.22	329.32	53.71
		375	4.95	-8.90	-28.80	-10.10	-27.60	-4.74	232.53	-33.79	-8.84	207.57	77.61
		384	4.88	-11.66	-33.86	-15.78	-29.75	-8.62	208.55	-51.69	-34.60	191.46	64.47
259	71	383	5.28	-21.06	-22.93	-21.06	-22.93	-0.04	280.46	-61.04	-56.16	275.57	40.55
		374	6.09	-13.97	-27.83	-15.72	-26.08	4.60	335.41	-30.82	-22.94	327.53	53.13
		375	4.83	-9.21	-27.21	-9.92	-26.50	-3.49	230.62	-34.28	-9.50	205.85	77.13
		384	4.76	-12.34	-31.99	-15.66	-28.66	-7.37	206.94	-52.17	-35.22	189.99	64.07
260	6	384	7.23	48.62	-38.37	-9.75	19.99	40.87	275.69	-18.42	-9.15	266.41	51.40
		375	7.63	57.01	-35.58	-0.82	22.25	44.84	302.13	4.96	17.60	289.49	59.97
		376	6.27	49.34	-30.44	-2.61	21.51	38.03	198.67	-20.50	1.50	176.67	65.86
		385	5.75	39.03	-33.97	-10.28	15.34	34.18	182.72	-32.64	-18.05	168.12	54.13
260	38	384	5.13	17.10	-29.74	-12.30	-0.34	22.64	229.19	-38.34	-26.43	217.28	55.19
		375	5.50	25.40	-28.23	-4.75	1.92	26.61	252.92	-17.53	-0.56	235.95	65.58
		376	4.13	18.45	-21.51	-4.24	1.18	19.80	153.51	-41.41	-11.92	124.03	69.84
		385	3.64	8.44	-23.92	-10.48	-5.00	15.95	139.72	-50.44	-30.60	119.88	58.14
260	70	384	4.98	14.71	-29.10	-12.50	-1.89	21.25	225.68	-39.87	-27.73	213.54	55.46
		375	5.34	23.02	-27.70	-5.05	0.37	25.22	249.22	-19.27	-1.93	231.88	65.99
		376	3.97	16.15	-20.88	-4.36	-0.37	18.41	150.17	-43.08	-12.93	120.03	70.13
		385	3.48	6.17	-23.21	-10.50	-6.54	14.56	136.52	-51.85	-31.54	116.21	58.42
261	6	385	7.17	47.97	-31.93	-8.53	24.58	36.36	261.19	-24.27	-4.56	241.47	72.38
		376	7.32	58.41	-27.80	-0.14	30.75	40.24	266.43	-1.73	14.93	249.76	64.75
		377	6.23	52.31	-24.01	-0.86	29.16	35.09	176.63	-35.00	0.16	141.48	78.77
		386	5.72	41.19	-27.97	-7.83	21.05	31.42	166.85	-40.75	-13.91	140.00	69.66
261	38	385	4.22	11.74	-23.18	-9.81	-1.64	16.98	176.76	-45.86	-24.05	154.94	66.18
		376	4.53	21.86	-20.58	-3.25	4.53	20.86	184.51	-30.46	-5.33	159.39	69.07
		377	3.44	16.09	-15.82	-2.67	2.94	15.70	97.67	-61.84	-16.03	51.85	72.17
		386	2.92	5.60	-18.63	-7.86	-5.17	12.04	87.42	-62.51	-29.31	54.22	62.26
261	70	385	4.01	9.04	-22.58	-9.90	-3.63	15.50	170.37	-47.59	-25.54	148.31	65.74
		376	4.32	19.14	-20.09	-3.49	2.54	19.38	178.43	-32.85	-6.88	152.46	69.37
		377	3.25	13.42	-15.28	-2.81	0.94	14.23	92.02	-64.30	-17.26	44.99	71.70
		386	2.74	3.05	-18.08	-7.86	-7.16	10.56	81.62	-64.46	-30.48	47.65	61.72
262	7	386	8.33	9.64	-110.29	-9.64	-91.01	-44.05	-79.56	-278.63	-88.22	-269.97	40.61
		377	7.94	7.25	-100.97	-10.79	-82.93	-40.34	-63.79	-292.19	-76.28	-279.70	51.94
		378	9.69	9.19	-105.90	-11.77	-84.95	-44.42	-78.92	-391.98	-83.93	-386.97	39.29
		387	10.02	11.78	-114.69	-9.67	-93.24	-47.47	-87.16	-374.59	-90.34	-371.41	30.06
262	39	386	4.63	0.58	-68.95	-8.91	-59.47	-23.87	-41.04	-165.11	-64.70	-141.45	48.74
		377	4.34	0.28	-59.24	-7.58	-51.39	-20.15	-23.77	-177.43	-52.31	-148.89	59.76
		378	6.03	2.68	-63.87	-7.78	-53.40	-24.23	-49.88	-267.39	-60.95	-256.32	47.80
		387	6.29	3.26	-73.16	-8.20	-61.70	-27.28	-59.57	-251.30	-67.82	-243.05	38.90
262	71	386	4.35	-0.10	-65.82	-8.85	-57.06	-22.33	-37.13	-157.37	-62.90	-131.60	49.34

		377	4.09	-0.23	-56.09	-7.33	-48.98	-18.61	-19.88	-169.46	-50.47	-138.87	60.33
		378	5.76	2.20	-60.68	-7.48	-51.00	-22.69	-47.40	-258.10	-59.19	-246.31	48.43
		387	6.01	2.62	-70.00	-8.08	-59.30	-25.74	-57.21	-242.10	-66.10	-233.21	39.55
263	7	387	11.55	9.44	-122.11	-10.89	-101.78	-47.55	-105.05	-462.96	-107.92	-460.10	31.89
		378	11.09	5.93	-113.25	-13.79	-93.54	-44.29	-95.14	-468.95	-99.30	-464.79	39.23
		379	12.77	3.03	-118.32	-20.27	-95.03	-47.80	-117.71	-580.49	-119.07	-579.13	25.06
		388	13.04	6.15	-125.26	-16.42	-102.69	-49.56	-118.74	-563.99	-119.65	-563.08	20.04
263	39	387	7.09	1.89	-77.71	-9.03	-66.79	-27.38	-68.88	-292.78	-76.23	-285.43	39.89
		378	6.76	0.84	-68.34	-8.96	-58.55	-24.12	-58.44	-302.80	-68.20	-293.04	47.84
		379	8.46	0.12	-72.72	-12.56	-60.04	-27.63	-82.19	-410.01	-85.35	-406.85	32.02
		388	8.63	0.90	-80.29	-11.69	-67.70	-29.39	-83.05	-390.18	-85.34	-387.89	26.42
263	71	387	6.75	1.32	-74.33	-8.89	-64.13	-25.84	-65.85	-280.00	-73.80	-272.06	40.48
		378	6.44	0.46	-64.93	-8.59	-55.88	-22.58	-55.35	-290.36	-65.81	-279.89	48.47
		379	8.14	-0.09	-69.25	-11.98	-57.37	-26.09	-79.40	-397.03	-82.77	-393.66	32.53
		388	8.30	0.50	-76.87	-11.33	-65.04	-27.85	-80.26	-376.93	-82.71	-374.48	26.88
264	7	388	14.45	2.45	-127.20	-17.27	-107.48	-46.56	-137.72	-660.70	-138.70	-659.72	22.62
		379	14.09	-2.71	-118.61	-21.62	-99.71	-42.82	-136.59	-674.68	-138.12	-673.16	28.63
		380	15.98	-1.10	-122.81	-23.40	-100.51	-47.08	-158.89	-795.21	-158.93	-795.17	4.90
		389	15.83	0.58	-127.12	-18.71	-107.83	-45.73	-150.10	-752.91	-150.11	-752.89	3.01
264	39	388	9.39	-0.85	-82.53	-12.40	-70.99	-28.46	-92.27	-436.70	-94.41	-434.56	27.07
		379	9.16	-3.39	-73.42	-13.60	-63.21	-24.72	-91.47	-454.74	-94.55	-451.65	33.32
		380	11.04	-1.15	-77.38	-14.51	-64.02	-28.98	-114.50	-573.62	-114.60	-573.52	6.69
		389	10.79	-1.96	-82.34	-12.97	-71.33	-27.63	-105.00	-527.62	-105.05	-527.57	4.57
264	71	388	9.00	-1.10	-79.13	-12.02	-68.21	-27.08	-88.74	-419.62	-91.02	-417.34	27.40
		379	8.79	-3.44	-69.99	-12.99	-60.43	-23.33	-87.95	-437.99	-91.22	-434.72	33.66
		380	10.66	-1.16	-73.92	-13.84	-61.24	-27.60	-111.11	-556.68	-111.21	-556.57	6.82
		389	10.40	-2.15	-78.93	-12.53	-68.55	-26.25	-101.55	-510.39	-101.60	-510.34	4.68
265	6	391	5.71	53.84	-26.76	19.20	7.88	39.90	122.34	-65.74	-32.72	89.32	-71.55
		382	7.62	50.14	-28.78	14.49	6.87	39.27	241.08	-91.34	-2.14	151.88	-147.30
		381	6.74	47.18	-42.85	-1.05	5.38	44.90	278.11	-71.14	-64.07	271.04	-49.16
		390	5.18	40.85	-37.68	-3.24	6.41	38.96	188.22	-82.03	-78.68	184.87	-29.91
265	38	391	4.41	34.34	-18.85	10.84	4.65	26.42	136.91	-45.49	-19.66	111.08	-63.60
		382	6.41	30.52	-21.12	5.76	3.64	25.80	254.88	-70.99	11.02	172.87	-141.42
		381	5.86	28.58	-35.20	-8.77	2.16	31.42	295.46	-56.53	-51.02	289.94	-43.71
		390	4.50	22.71	-30.08	-10.55	3.19	25.49	206.40	-67.61	-65.76	204.55	-22.42
265	70	391	4.32	32.86	-18.25	10.20	4.41	25.39	138.04	-44.07	-18.76	112.72	-63.00
		382	6.32	29.03	-20.54	5.09	3.40	24.77	255.93	-69.54	11.93	174.46	-140.99
		381	5.80	27.19	-34.64	-9.36	1.91	30.40	296.78	-55.48	-50.07	291.37	-43.32
		390	4.49	21.36	-29.54	-11.11	2.94	24.46	207.80	-66.58	-64.82	206.05	-21.86
266	6	390	5.59	51.19	-44.13	-2.45	9.51	47.29	187.97	-82.77	-80.71	185.91	-23.50
		381	7.06	57.46	-48.97	0.42	8.08	53.07	268.77	-67.67	-61.67	262.77	-44.54
		383	6.63	48.18	-51.27	-5.61	2.52	49.55	231.45	-72.07	-69.81	229.19	26.10
		392	5.92	36.94	-47.46	-12.85	2.33	41.51	189.14	-93.90	-92.87	188.11	17.04
266	38	390	4.71	26.87	-33.54	-10.22	3.54	29.41	206.08	-67.74	-66.62	204.96	-17.52
		381	5.90	32.60	-38.52	-8.02	2.11	35.20	286.42	-51.87	-47.42	281.98	-38.52
		383	5.70	24.32	-39.58	-11.82	-3.44	31.68	251.00	-60.03	-56.75	247.72	31.76
		392	5.11	13.76	-35.76	-18.38	-3.63	23.64	208.33	-81.75	-79.95	206.53	22.77
266	70	390	4.67	25.04	-32.76	-10.82	3.09	28.05	207.42	-66.66	-65.59	206.35	-17.07
		381	5.82	30.72	-37.74	-8.67	1.66	33.84	287.71	-50.73	-46.39	283.37	-38.08
		383	5.64	22.51	-38.70	-12.29	-3.90	30.32	252.43	-59.14	-55.78	249.07	32.18
		392	5.06	12.02	-34.90	-18.80	-4.09	22.28	209.74	-80.86	-78.99	207.88	23.20
267	7	392	6.45	-0.15	-64.79	-35.04	-29.90	-32.21	258.38	-111.49	-107.82	254.71	36.66
		383	6.69	-6.08	-54.74	-31.26	-29.57	-24.32	304.41	-90.57	-85.33	299.17	45.17
		384	6.71	3.49	-60.98	-22.39	-35.11	-31.60	228.63	-90.91	-75.47	213.19	68.52
		393	6.83	6.96	-72.23	-26.41	-38.86	-39.10	204.33	-104.50	-95.78	195.61	51.15
267	46	392	5.04	10.38	-34.23	-19.06	-4.79	21.13	204.90	-84.57	-81.38	201.71	30.21
		383	5.55	20.76	-37.86	-12.63	-4.46	29.03	243.78	-62.67	-57.96	239.07	37.70
		384	4.48	10.90	-32.62	-11.71	-10.00	21.74	172.32	-70.50	-53.37	155.19	62.18
		393	3.95	-1.63	-30.48	-18.35	-13.76	14.24	154.77	-84.94	-74.63	144.46	48.63
267	78	392	4.98	8.79	-33.54	-19.41	-5.34	19.96	206.34	-83.31	-80.16	203.19	30.00
		383	5.48	19.12	-37.17	-13.04	-5.01	27.86	245.34	-61.35	-56.71	240.69	37.47
		384	4.39	9.33	-31.83	-11.95	-10.55	20.57	173.73	-69.43	-52.46	156.76	61.95
		393	3.87	-3.18	-29.66	-18.53	-14.31	13.07	156.06	-83.91	-73.76	145.91	48.31
268	6	393	6.45	38.97	-48.30	-13.10	3.78	42.81	252.14	-26.31	-21.44	247.28	36.50
		384	7.26	52.11	-49.15	-4.71	7.67	50.25	277.70	-8.15	1.40	268.14	51.38
		385	5.93	42.41	-45.20	-5.80	3.01	43.59	184.84	-22.63	-7.89	170.10	53.29
		394	5.08	29.49	-45.96	-12.62	-3.84	37.47	168.60	-31.70	-24.80	161.70	36.54
268	38	393	4.52	7.33	-34.23	-16.94	-9.97	20.49	207.84	-50.29	-43.77	201.32	40.51
		384	5.17	19.98	-36.00	-9.94	-6.08	27.92	229.96	-33.81	-21.76	217.91	55.08
		385	3.80	11.72	-30.86	-8.40	-10.74	21.26	140.75	-45.93	-25.96	120.78	57.70
		394	3.06	-0.48	-31.00	-13.89	-17.59	15.14	126.90	-52.29	-42.03	116.64	41.63
268	70	393	4.38	4.91	-33.16	-17.23	-11.02	18.78	204.48	-52.11	-45.45	197.82	40.80
		384	5.01	17.54	-35.00	-10.34	-7.12	26.22	226.35	-35.76	-23.50	214.09	55.34
		385	3.65	9.43	-29.82	-8.60	-11.78	19.56	137.46	-47.75	-27.33	117.03	58.02
		394	2.92	-2.67	-29.95	-13.98	-18.64	13.44	123.77	-53.89	-43.33	113.22	42.00
269	6	394	6.38	34.11	-44.80	-11.76	1.06	38.93	251.08	-24.49	-10.48	237.07	60.53
		385	7.13	47.30	-43.55	-4.17	7.93	45.02	264.61	-15.41	5.77	243.43	74.05

		386	5.86	40.72	-39.87	-3.49	4.34	40.10	171.24	-31.94	-2.88	142.19	71.13
		395	5.16	28.83	-42.52	-9.56	-4.14	35.57	161.46	-32.71	-12.94	141.69	58.71
269	38	394	3.59	0.96	-30.85	-13.59	-16.31	15.85	166.12	-48.77	-35.01	152.36	52.61
		385	4.30	13.35	-30.57	-7.78	-9.44	21.94	178.52	-42.02	-19.33	155.83	67.00
		386	3.20	7.97	-26.83	-5.84	-13.03	17.02	90.03	-58.85	-24.08	55.26	62.98
		395	2.54	-2.12	-29.55	-10.16	-21.51	12.49	79.44	-55.34	-33.56	57.66	49.61
269	70	394	3.39	-1.45	-29.90	-13.73	-17.63	14.09	159.64	-50.65	-36.88	145.87	52.02
		385	4.09	10.82	-29.64	-8.06	-10.76	20.18	172.00	-44.11	-21.24	149.12	66.49
		386	3.02	5.64	-26.01	-6.02	-14.35	15.26	84.06	-61.16	-25.70	48.60	62.39
		395	2.38	-4.07	-28.97	-10.21	-22.83	10.73	73.30	-57.22	-35.13	51.22	48.93
270	7	395	8.04	16.10	-106.45	-12.85	-77.49	-52.06	-104.84	-270.83	-108.31	-267.35	23.78
		386	7.39	13.21	-96.49	-14.23	-69.05	-47.51	-90.94	-280.58	-99.37	-272.15	39.08
		387	9.06	16.07	-101.08	-13.64	-71.37	-50.97	-96.30	-376.53	-99.54	-373.28	29.99
		396	9.60	18.34	-109.84	-11.19	-80.30	-53.98	-101.42	-364.43	-102.47	-363.38	16.59
270	39	395	4.64	2.34	-71.66	-11.91	-57.40	-29.19	-64.02	-152.79	-79.00	-137.80	33.25
		386	4.13	1.02	-61.11	-11.13	-48.96	-24.64	-46.12	-166.41	-70.04	-142.50	48.01
		387	5.78	4.14	-65.53	-10.10	-51.28	-28.10	-63.70	-252.30	-72.07	-243.93	38.84
		396	6.22	4.97	-75.06	-9.87	-60.22	-31.10	-70.88	-238.28	-75.02	-234.15	25.98
270	71	395	4.39	1.32	-69.04	-11.84	-55.87	-27.44	-59.82	-144.81	-76.76	-127.87	33.95
		386	3.89	0.13	-58.45	-10.90	-47.43	-22.90	-41.71	-158.63	-67.79	-132.56	48.67
		387	5.54	3.27	-62.85	-9.83	-49.75	-26.36	-60.95	-243.03	-69.96	-234.02	39.49
		396	5.97	3.99	-72.44	-9.77	-58.69	-29.36	-68.35	-228.80	-72.91	-224.24	26.67
271	7	396	10.88	14.42	-111.48	-11.93	-85.13	-51.22	-119.95	-459.04	-121.00	-457.99	18.86
		387	10.29	11.45	-102.53	-14.85	-76.23	-48.02	-114.09	-464.81	-117.01	-461.90	31.84
		388	11.86	11.33	-106.21	-17.59	-77.28	-50.63	-121.05	-564.31	-121.95	-563.41	19.97
		397	12.27	13.27	-113.53	-14.14	-86.11	-52.20	-119.93	-550.36	-120.17	-550.12	10.12
271	39	396	6.92	2.93	-76.90	-10.46	-63.51	-29.83	-80.13	-283.27	-83.82	-279.58	27.14
		387	6.46	1.67	-67.21	-10.93	-54.61	-26.63	-72.95	-293.70	-80.39	-286.26	39.84
		388	8.04	2.46	-70.37	-12.25	-55.66	-29.24	-83.93	-390.20	-86.20	-387.93	26.27
		397	8.35	2.83	-78.59	-11.26	-64.50	-30.80	-82.90	-372.83	-83.86	-371.87	16.68
271	71	396	6.62	2.08	-74.30	-10.35	-61.86	-28.20	-76.89	-269.99	-80.97	-265.91	27.75
		387	6.17	0.96	-64.55	-10.63	-52.97	-24.99	-69.54	-280.85	-77.58	-272.81	40.43
		388	7.75	1.81	-67.66	-11.84	-54.01	-27.60	-81.02	-376.92	-83.46	-374.49	26.73
		397	8.06	2.07	-75.96	-11.04	-62.85	-29.17	-80.02	-359.27	-81.08	-358.22	17.16
272	7	397	13.54	8.62	-112.50	-14.73	-89.16	-47.78	-139.07	-648.22	-139.41	-647.89	13.04
		388	13.08	4.55	-103.31	-18.45	-80.31	-44.18	-139.98	-660.73	-140.96	-659.75	22.57
		389	14.60	7.80	-107.28	-18.73	-80.74	-48.47	-150.06	-752.80	-150.07	-752.79	2.98
		398	14.65	7.26	-111.91	-15.40	-89.25	-46.77	-144.07	-723.90	-144.07	-723.90	0.47
272	39	397	9.05	0.78	-79.52	-11.81	-66.93	-29.20	-92.04	-419.87	-92.98	-418.93	17.57
		388	8.70	-1.39	-69.65	-12.96	-58.09	-25.60	-93.11	-436.42	-95.23	-434.30	26.94
		389	10.22	1.82	-73.33	-12.99	-58.52	-29.89	-104.96	-527.52	-105.01	-527.47	4.54
		398	10.18	-0.33	-78.93	-12.24	-67.02	-28.19	-98.29	-495.08	-98.30	-495.07	2.19
272	71	397	8.71	0.20	-77.03	-11.59	-65.24	-27.78	-88.40	-402.43	-89.43	-401.41	17.90
		388	8.37	-1.82	-67.11	-12.54	-56.39	-24.18	-89.47	-419.32	-91.73	-417.05	27.26
		389	9.88	1.38	-70.76	-12.55	-56.82	-28.48	-101.51	-510.29	-101.56	-510.24	4.66
		398	9.84	-0.88	-76.45	-12.00	-65.33	-26.77	-94.78	-477.58	-94.80	-477.56	2.31
273	6	400	5.27	62.35	-27.52	29.13	5.70	43.38	65.20	-62.97	-54.76	56.98	-31.40
		391	6.45	62.42	-27.32	30.13	4.97	43.07	132.41	-72.74	-33.67	93.34	-80.56
		390	5.86	47.92	-38.56	5.77	3.59	43.23	190.94	-86.92	-83.13	187.15	-32.23
		399	4.45	36.71	-35.69	-1.36	2.38	36.15	137.32	-95.10	-94.60	136.81	-10.84
273	39	400	2.53	1.48	-9.45	-8.90	0.93	2.40	133.77	-19.11	-18.46	133.12	9.99
		391	2.76	0.62	-10.13	-9.71	0.20	2.08	166.77	-10.45	3.34	152.98	-47.47
		390	4.90	-1.00	-28.15	-27.96	-1.18	2.24	241.61	-41.80	-41.63	241.43	-7.00
		399	4.76	-1.65	-34.02	-33.28	-2.39	-4.83	209.59	-57.00	-55.07	207.65	22.62
273	71	400	2.49	2.27	-9.08	-7.87	1.06	3.50	131.58	-19.94	-19.41	131.06	8.87
		391	2.69	1.35	-9.65	-8.63	0.33	3.19	165.69	-11.96	2.36	151.37	-48.36
		390	4.86	-0.63	-27.47	-27.05	-1.05	3.35	240.17	-42.94	-42.74	239.96	-7.68
		399	4.72	-1.81	-32.87	-32.42	-2.26	-3.72	207.52	-57.92	-56.13	205.73	21.72
274	6	399	5.11	46.87	-45.32	-0.91	2.45	46.06	142.29	-97.53	-97.50	142.26	-2.67
		390	6.43	58.13	-47.91	6.50	3.72	53.00	189.85	-86.94	-84.47	187.37	-26.06
		392	5.50	42.50	-51.93	-6.07	-3.36	47.19	189.54	-29.25	-27.75	188.04	18.03
		401	5.18	25.61	-47.82	-14.48	-7.73	36.56	158.25	-112.76	-112.06	157.56	13.69
274	39	399	4.62	-2.54	-36.83	-33.58	-5.79	-10.05	208.37	-56.40	-54.79	206.75	20.60
		390	4.73	-4.13	-28.94	-28.55	-4.52	-3.11	239.02	-39.87	-39.77	238.92	-5.25
		392	5.08	-8.20	-34.95	-31.54	-11.60	-8.92	240.80	-90.38	-87.10	237.51	32.81
		401	4.79	-4.44	-49.12	-37.58	-15.97	-19.55	223.45	-73.48	-70.19	220.16	31.11
274	67	399	4.57	-3.35	-34.65	-32.53	-5.47	-7.87	206.24	-57.62	-56.10	204.73	19.94
		390	4.68	-4.17	-27.46	-27.42	-4.20	-0.93	237.51	-41.26	-41.13	237.38	-5.86
		392	5.03	-9.18	-32.83	-30.72	-11.29	-6.73	239.25	-88.84	-85.60	236.02	32.40
		401	4.74	-5.90	-46.59	-36.84	-15.65	-17.37	221.39	-74.62	-71.41	218.18	30.66
275	7	401	6.68	11.49	-83.05	-46.23	-25.32	-46.10	233.50	-131.62	-128.21	230.09	35.11
		392	6.19	5.81	-68.30	-41.69	-20.81	-35.55	258.93	-117.90	-114.25	255.29	36.89
		393	6.69	12.02	-73.03	-31.31	-29.70	-42.52	204.95	-111.68	-102.97	196.23	51.80
		402	7.23	17.02	-88.34	-34.02	-37.30	-52.65	189.80	-119.73	-115.18	185.24	37.28
275	39	401	5.05	-4.58	-53.31	-37.58	-20.31	-22.79	215.63	-106.59	-103.80	212.84	29.88
		392	4.92	-9.21	-38.57	-31.99	-15.80	-12.25	238.64	-92.09	-88.95	235.50	32.07
		393	4.84	-5.95	-44.39	-25.65	-24.69	-19.21	185.82	-91.12	-82.53	177.24	48.01

		402	5.34	-1.46	-60.23	-29.40	-32.29	-29.35	172.69	-99.66	-95.64	168.67	32.82
275	71	401	4.96	-5.76	-51.09	-36.92	-19.93	-21.01	214.38	-104.74	-101.99	211.62	29.50
		392	4.86	-10.20	-36.45	-31.25	-15.41	-10.47	237.19	-90.19	-87.08	234.08	31.72
		393	4.72	-7.32	-42.21	-25.22	-24.31	-17.44	184.46	-89.59	-81.01	175.87	47.73
		402	5.21	-2.87	-58.09	-29.05	-31.91	-27.57	171.48	-98.17	-94.19	167.51	32.50
276	6	402	5.18	23.15	-54.85	-15.40	-16.30	39.00	235.95	-30.61	-29.42	234.76	17.76
		393	6.31	40.51	-57.46	-8.31	-8.64	48.99	252.91	-18.90	-14.31	248.33	35.00
		394	5.75	31.09	-56.47	-9.10	-16.29	43.63	181.30	-36.94	-18.52	162.88	60.68
		403	4.68	16.55	-56.39	-14.04	-25.80	35.99	166.60	-39.48	-29.26	156.38	44.75
276	39	402	5.00	-2.23	-63.82	-29.63	-36.42	-30.60	119.62	-105.42	-100.23	114.42	33.80
		393	4.41	-6.88	-48.18	-26.30	-28.76	-20.61	127.97	-97.98	-87.22	117.21	48.12
		394	4.09	0.36	-54.75	-17.98	-36.41	-25.97	46.94	-88.62	-76.15	34.48	39.18
		403	4.57	3.57	-68.75	-19.25	-45.92	-33.61	41.65	-87.68	-84.76	38.72	19.24
276	71	402	4.89	-3.65	-61.47	-29.25	-35.88	-28.72	122.72	-103.35	-98.32	117.68	33.36
		393	4.31	-8.25	-45.78	-25.81	-28.22	-18.73	131.30	-95.79	-85.25	120.76	47.77
		394	3.99	-1.07	-52.54	-17.74	-35.87	-24.08	50.58	-87.22	-74.60	37.95	39.75
		403	4.47	2.09	-66.58	-19.11	-45.38	-31.72	45.00	-86.35	-83.26	41.90	19.93
277	7	403	6.11	21.46	-101.20	-21.74	-58.00	-58.59	-82.56	-120.86	-119.23	-84.19	7.73
		394	5.36	17.16	-88.15	-22.47	-48.52	-51.02	-69.00	-130.05	-110.76	-88.29	28.39
		395	6.25	23.59	-91.98	-14.62	-53.77	-54.37	-91.61	-186.63	-97.39	-180.85	22.72
		404	7.17	26.72	-102.85	-12.25	-63.88	-59.42	-101.18	-173.21	-101.30	-173.09	2.87
277	39	403	4.31	2.32	-71.28	-19.66	-49.31	-33.68	2.74	-95.08	-91.61	-0.73	18.10
		394	3.87	-1.11	-57.44	-18.73	-39.82	-26.11	11.96	-97.66	-82.78	-2.92	37.55
		395	3.63	4.80	-62.48	-12.60	-45.08	-29.46	-50.44	-119.59	-73.81	-96.23	32.71
		404	4.43	7.09	-74.32	-12.04	-55.19	-34.51	-68.87	-99.58	-78.08	-90.37	14.07
277	71	403	4.23	0.90	-69.03	-19.50	-48.64	-31.78	9.27	-93.11	-89.50	5.67	18.87
		394	3.78	-2.46	-55.14	-18.44	-39.16	-24.22	18.38	-95.41	-80.65	3.62	38.23
		395	3.46	3.43	-60.30	-12.44	-44.42	-27.56	-46.27	-115.48	-72.00	-89.74	33.45
		404	4.23	5.65	-72.20	-12.03	-54.53	-32.62	-64.77	-95.57	-76.30	-84.03	14.91
278	7	404	8.14	23.65	-103.75	-12.70	-67.40	-57.52	-118.86	-265.79	-118.92	-265.74	2.79
		395	7.23	19.95	-92.95	-15.68	-57.33	-52.47	-110.99	-271.51	-114.05	-268.45	21.98
		396	8.74	22.99	-95.81	-12.62	-60.20	-54.43	-104.99	-364.91	-105.91	-363.99	15.43
		405	9.48	25.29	-104.72	-9.21	-70.21	-57.40	-106.90	-357.75	-106.90	-357.74	-1.32
278	39	404	4.99	5.39	-75.70	-12.45	-57.86	-33.59	-82.71	-138.77	-86.49	-134.99	14.05
		395	4.21	2.80	-63.88	-13.29	-47.79	-28.53	-67.09	-153.00	-81.77	-138.32	32.34
		396	5.76	5.89	-67.11	-10.56	-50.66	-30.49	-72.65	-238.37	-76.62	-234.40	25.35
		405	6.38	7.30	-77.15	-9.18	-60.67	-33.47	-76.88	-228.13	-77.47	-227.53	9.49
278	71	404	4.75	4.06	-73.62	-12.43	-57.13	-31.76	-79.16	-129.81	-84.00	-124.97	14.90
		395	3.99	1.56	-61.73	-13.10	-47.06	-26.70	-62.62	-145.02	-79.29	-128.35	33.11
		396	5.54	4.66	-64.99	-10.40	-49.93	-28.67	-69.97	-228.87	-74.37	-224.46	26.09
		405	6.16	6.00	-75.13	-9.18	-59.94	-31.64	-74.48	-218.29	-75.22	-217.55	10.30
279	7	405	10.57	20.78	-103.06	-9.65	-72.63	-53.32	-126.27	-456.95	-126.27	-456.95	1.27
		396	9.81	17.86	-93.84	-13.36	-62.63	-50.12	-123.46	-459.51	-124.39	-458.58	17.71
		397	11.24	18.68	-96.09	-13.75	-63.65	-51.68	-120.92	-550.36	-121.12	-550.16	9.29
		406	11.80	19.97	-103.36	-10.13	-73.27	-52.97	-119.98	-542.94	-120.00	-542.93	-2.63
279	39	405	7.01	5.05	-77.48	-9.62	-62.81	-31.55	-86.06	-275.85	-86.67	-275.23	10.75
		396	6.38	3.21	-67.17	-11.15	-52.81	-28.36	-81.84	-283.36	-85.40	-279.81	26.52
		397	7.83	4.31	-69.23	-11.08	-53.84	-29.91	-83.35	-372.71	-84.27	-371.80	16.22
		406	8.29	4.64	-77.76	-9.66	-63.45	-31.21	-82.46	-361.71	-82.55	-361.63	4.95
279	71	405	6.74	3.92	-75.60	-9.62	-62.06	-29.89	-82.90	-262.05	-83.63	-261.31	11.45
		396	6.12	2.16	-65.21	-10.98	-52.06	-26.70	-78.47	-270.05	-82.41	-266.11	27.17
		397	7.58	3.28	-67.25	-10.88	-53.09	-28.25	-80.43	-359.15	-81.44	-358.14	16.73
		406	8.02	3.55	-75.88	-9.63	-62.70	-29.55	-79.56	-347.85	-79.68	-347.74	5.52
280	7	406	12.98	15.10	-100.66	-10.49	-75.07	-48.04	-139.88	-643.67	-139.88	-643.67	1.23
		397	12.36	11.61	-91.40	-14.34	-65.46	-44.72	-140.07	-648.19	-140.36	-647.89	12.25
		398	13.59	14.39	-95.37	-15.41	-65.56	-48.82	-144.06	-723.88	-144.07	-723.88	0.48
		407	13.86	12.37	-99.52	-12.62	-74.53	-46.60	-141.48	-711.42	-141.49	-711.41	-2.25
280	39	406	8.95	2.59	-77.99	-10.10	-65.30	-29.35	-91.87	-410.20	-92.00	-410.07	6.49
		397	8.45	0.44	-67.76	-11.64	-55.68	-26.03	-92.49	-419.72	-93.39	-418.82	17.14
		398	9.69	3.15	-71.19	-12.25	-55.79	-30.13	-98.29	-495.06	-98.30	-495.05	2.20
		407	9.86	0.19	-76.75	-11.81	-64.75	-27.91	-94.81	-478.05	-94.81	-478.05	-0.18
280	71	406	8.64	1.70	-76.32	-10.07	-64.55	-27.93	-88.18	-392.34	-88.33	-392.19	6.88
		397	8.16	-0.34	-66.03	-11.43	-54.94	-24.60	-88.82	-402.28	-89.80	-401.30	17.50
		398	9.39	2.35	-69.40	-12.01	-55.04	-28.71	-94.78	-477.56	-94.80	-477.54	2.33
		407	9.56	-0.67	-75.09	-11.75	-64.01	-26.49	-91.24	-460.19	-91.24	-460.19	-0.02
281	7	409	4.22	6.34	-42.53	-38.87	2.69	-12.86	203.36	-38.06	-4.82	170.13	83.18
		400	3.69	7.39	-37.83	-34.84	4.41	-11.23	166.62	3.54	10.14	160.02	32.13
		399	5.98	5.81	-60.79	-55.88	0.89	-17.41	237.76	-41.88	-36.59	232.48	38.06
		408	6.55	6.13	-76.23	-65.59	-4.52	-27.63	263.23	-68.88	-52.25	246.60	72.44
281	39	409	3.47	2.04	-19.83	-19.68	1.89	1.78	152.55	-46.67	-25.96	131.84	60.81
		400	2.83	4.22	-15.38	-14.77	3.61	3.40	134.70	-12.73	-11.59	133.56	12.90
		399	5.09	0.30	-38.84	-38.64	0.10	-2.78	210.17	-55.27	-53.03	207.93	24.31
		408	5.52	-1.75	-52.79	-49.23	-5.31	-13.00	220.91	-77.90	-67.19	210.20	55.55
281	71	409	3.42	2.24	-18.62	-18.21	1.83	2.89	148.75	-47.26	-27.43	128.92	59.10
		400	2.77	4.69	-14.37	-13.23	3.55	4.52	132.45	-14.01	-13.11	131.55	11.44
		399	5.02	0.11	-37.40	-37.32	0.04	-1.67	208.13	-56.30	-54.23	206.06	23.27
		408	5.45	-2.28	-51.07	-47.98	-5.37	-11.89	217.72	-78.58	-68.28	207.42	54.27

282	7	408	6.63	13.43	-86.43	-65.61	-7.39	-40.57	254.28	-62.81	-50.88	242.35	60.34
		399	6.08	11.94	-69.84	-56.39	-1.50	-30.31	232.91	-39.03	-35.13	229.02	32.31
		401	7.03	12.36	-77.37	-53.19	-11.82	-39.81	245.92	-128.72	-124.70	241.90	38.62
		410	7.74	16.14	-97.62	-59.18	-22.31	-53.81	266.47	-136.46	-132.76	262.77	38.41
282	39	408	5.40	-0.23	-56.89	-49.06	-8.07	-19.56	218.70	-75.71	-67.18	210.17	49.38
		399	4.96	0.04	-41.12	-38.89	-2.18	-9.30	208.16	-54.62	-52.74	206.29	22.10
		401	5.50	-3.19	-50.47	-41.16	-12.50	-18.80	222.76	-105.68	-102.56	219.64	31.89
		410	5.97	-0.41	-70.65	-48.08	-22.98	-32.80	233.69	-114.91	-112.18	230.96	30.74
282	71	408	5.32	-1.20	-54.71	-47.79	-8.12	-17.96	216.03	-76.66	-68.36	207.74	48.56
		399	4.89	-0.62	-39.16	-37.55	-2.23	-7.71	206.35	-55.78	-54.04	204.61	21.33
		401	5.40	-4.31	-48.48	-40.24	-12.55	-17.20	221.04	-103.99	-100.93	217.98	31.40
		410	5.85	-1.67	-68.60	-47.23	-23.03	-31.20	231.22	-113.34	-110.68	228.56	30.18
283	7	410	7.74	19.78	-105.82	-58.98	-27.06	-60.73	234.16	-142.15	-139.26	231.27	32.84
		401	7.14	15.58	-85.38	-53.65	-16.16	-46.87	233.11	-134.27	-131.14	229.97	33.78
		402	7.01	20.57	-87.02	-38.17	-28.28	-53.57	190.46	-122.35	-117.24	185.34	39.67
		411	7.92	25.22	-105.57	-38.63	-41.72	-65.37	189.58	-122.17	-120.38	187.78	23.58
283	39	410	5.81	0.52	-74.69	-47.48	-26.69	-36.15	216.87	-116.82	-114.50	214.55	27.73
		401	5.39	-2.83	-54.11	-41.15	-15.79	-22.28	215.32	-107.91	-105.20	212.61	29.46
		402	5.15	-0.66	-58.72	-31.45	-27.92	-28.98	173.00	-101.00	-96.70	168.69	34.09
		411	6.06	3.88	-78.13	-32.89	-41.36	-40.79	172.47	-102.06	-101.02	171.43	16.88
283	71	410	5.68	-0.94	-72.32	-46.59	-26.67	-34.27	215.66	-114.95	-112.67	213.38	27.37
		401	5.28	-4.20	-51.77	-40.20	-15.77	-20.41	214.06	-105.96	-103.28	211.38	29.15
		402	5.02	-2.27	-56.56	-30.94	-27.89	-27.10	171.77	-99.41	-95.17	167.52	33.67
		411	5.93	2.27	-76.06	-32.45	-41.33	-38.91	171.28	-100.58	-99.58	170.29	16.38
284	7	411	7.00	25.43	-108.66	-38.73	-44.50	-66.98	80.34	-132.35	-131.92	79.91	-9.55
		402	6.45	20.59	-90.45	-38.79	-31.06	-55.39	79.49	-136.58	-127.97	70.88	42.26
		403	5.69	26.85	-91.24	-23.68	-40.71	-58.43	-2.89	-106.17	-105.67	-3.39	7.13
		412	6.70	30.70	-105.80	-21.04	-54.05	-66.22	14.55	-108.34	-105.82	12.03	-17.41
284	39	411	5.37	3.45	-80.10	-32.83	-43.82	-41.41	119.93	-106.00	-105.99	119.92	1.48
		402	4.74	-1.19	-60.84	-31.66	-30.38	-29.82	119.64	-107.02	-101.43	114.04	35.16
		403	4.28	4.00	-64.55	-20.52	-40.02	-32.86	41.17	-87.83	-85.32	38.66	17.83
		412	4.91	7.88	-80.35	-19.11	-53.37	-40.65	47.33	-86.26	-86.08	47.15	-4.92
284	71	411	5.30	1.80	-77.94	-32.38	-43.77	-39.46	122.98	-104.06	-104.04	122.95	2.31
		402	4.64	-2.85	-58.59	-31.11	-30.32	-27.87	122.72	-104.82	-99.43	117.32	34.63
		403	4.19	2.31	-62.56	-20.28	-39.97	-30.91	44.56	-86.49	-83.78	41.85	18.64
		412	4.84	6.21	-78.48	-18.96	-53.31	-38.70	49.94	-84.71	-84.59	49.82	-3.98
285	7	412	7.07	29.10	-105.45	-21.10	-55.25	-65.07	-73.32	-128.47	-121.38	-80.41	-18.46
		403	5.81	24.86	-91.16	-24.30	-42.00	-57.33	-83.77	-120.94	-120.31	-84.40	4.80
		404	6.63	29.41	-91.65	-14.28	-47.96	-58.14	-102.05	-173.18	-102.06	-173.17	0.71
		413	7.70	32.74	-102.52	-9.70	-60.09	-62.76	-95.09	-174.68	-101.10	-168.67	-21.03
285	39	412	4.50	6.71	-80.91	-19.29	-54.91	-40.03	2.58	-93.69	-93.40	2.29	-5.25
		403	3.94	2.63	-65.19	-20.91	-41.65	-32.28	2.12	-95.14	-92.20	-0.82	16.66
		404	4.11	7.03	-67.66	-13.01	-47.61	-33.09	-70.16	-98.70	-78.48	-90.38	12.97
		413	5.10	10.07	-80.12	-10.31	-59.74	-37.71	-73.48	-90.94	-77.67	-86.76	-7.46
285	71	412	4.45	5.08	-79.11	-19.15	-54.88	-38.12	8.81	-91.45	-91.27	8.63	-4.26
		403	3.87	0.99	-63.27	-20.65	-41.62	-30.37	8.70	-93.18	-90.06	5.58	17.55
		404	3.93	5.43	-65.93	-12.92	-47.59	-31.18	-65.99	-94.72	-76.68	-84.04	13.89
		413	4.90	8.46	-78.52	-10.35	-59.71	-35.80	-71.35	-85.01	-75.88	-80.48	-6.43
286	7	413	8.48	30.05	-101.26	-9.54	-61.67	-60.26	-116.71	-267.71	-119.50	-264.91	-20.35
		404	7.41	26.10	-90.42	-14.74	-49.58	-55.59	-119.68	-265.83	-119.68	-265.83	0.65
		405	8.68	28.37	-90.56	-9.77	-52.42	-55.51	-107.46	-357.84	-107.50	-357.80	-3.06
		414	9.54	30.94	-98.99	-4.66	-63.39	-57.95	-104.82	-357.14	-106.56	-355.41	-20.85
286	39	413	5.57	8.58	-80.49	-10.44	-61.47	-36.50	-85.43	-134.13	-86.47	-133.09	-7.06
		404	4.59	5.16	-67.96	-13.42	-49.37	-31.84	-83.63	-138.28	-86.89	-135.01	12.96
		405	5.96	7.45	-69.11	-9.45	-52.22	-31.75	-77.28	-228.02	-77.77	-227.53	8.59
		414	6.72	9.57	-79.25	-6.50	-63.18	-34.19	-76.15	-224.59	-76.61	-224.14	-8.24
286	71	413	5.35	7.06	-79.02	-10.51	-61.45	-34.69	-83.03	-123.89	-83.94	-122.98	-6.06
		404	4.38	3.68	-66.36	-13.32	-49.36	-30.03	-80.09	-129.27	-84.38	-124.98	13.88
		405	5.76	5.98	-67.61	-9.43	-52.20	-29.94	-74.87	-218.17	-75.49	-217.54	9.46
		414	6.51	8.07	-77.89	-6.64	-63.17	-32.38	-73.93	-214.45	-74.31	-214.07	-7.29
287	7	414	10.61	26.53	-97.16	-4.61	-66.02	-53.69	-125.85	-459.67	-126.82	-458.70	-17.99
		405	9.72	23.14	-88.31	-10.14	-55.04	-51.00	-126.86	-457.00	-126.87	-457.00	-0.45
		406	10.97	23.84	-88.68	-9.16	-55.69	-51.23	-120.22	-542.97	-120.25	-542.93	-3.99
		415	11.65	25.13	-95.35	-4.53	-65.68	-51.90	-119.51	-543.77	-120.15	-543.13	-16.40
287	39	414	7.34	7.51	-79.65	-6.70	-65.44	-32.20	-86.01	-274.01	-86.27	-273.75	-6.91
		405	6.57	4.83	-69.15	-9.86	-54.46	-29.51	-86.46	-275.74	-86.97	-275.23	9.85
		406	7.87	5.40	-69.72	-9.21	-55.11	-29.74	-82.61	-361.68	-82.67	-361.61	4.26
		415	8.45	6.10	-78.10	-6.89	-65.11	-30.41	-81.73	-358.83	-81.93	-358.63	-7.37
287	71	414	7.09	6.18	-78.44	-6.86	-65.40	-30.56	-82.95	-259.79	-83.16	-259.58	-6.08
		405	6.33	3.56	-67.82	-9.84	-54.42	-27.87	-83.28	-261.94	-83.91	-261.30	10.62
		406	7.64	4.12	-68.41	-9.22	-55.07	-28.10	-79.70	-347.81	-79.79	-347.72	4.88
		415	8.21	4.79	-76.92	-7.06	-65.06	-28.77	-78.83	-344.66	-78.99	-344.50	-6.69
288	7	415	12.59	21.83	-87.80	-4.64	-61.33	-46.92	-140.93	-649.66	-141.19	-649.40	-11.52
		406	11.80	18.46	-79.34	-9.57	-51.32	-44.22	-140.14	-643.68	-140.14	-643.68	-0.09
		407	12.78	19.85	-83.25	-12.63	-50.78	-47.89	-141.47	-711.41	-141.48	-711.40	-2.24
		416	13.26	16.83	-86.01	-9.47	-59.71	-44.87	-142.49	-716.58	-142.54	-716.53	-5.13
288	39	415	9.00	4.65	-75.91	-7.19	-64.07	-28.52	-91.87	-409.80	-91.95	-409.72	-5.16

		406	8.35	2.19	-65.91	-9.67	-54.05	-25.83	-92.02	-410.16	-92.13	-410.05	5.82
		407	9.37	3.45	-68.79	-11.82	-53.52	-29.50	-94.81	-478.04	-94.81	-478.04	-0.17
		416	9.74	0.01	-73.66	-11.21	-62.44	-26.47	-94.64	-477.14	-94.65	-477.12	-2.61
288	71	415	8.72	3.47	-75.13	-7.38	-64.27	-27.12	-88.11	-391.44	-88.18	-391.37	-4.68
		406	8.09	1.09	-65.03	-9.68	-54.26	-24.42	-88.32	-392.30	-88.45	-392.17	6.26
		407	9.11	2.32	-67.80	-11.76	-53.72	-28.10	-91.24	-460.18	-91.24	-460.18	-0.02
		416	9.47	-1.13	-72.86	-11.34	-62.65	-25.07	-90.97	-458.81	-90.99	-458.79	-2.42
289	7	418	5.96	2.57	-67.74	-64.07	-1.09	-15.63	263.85	-94.39	-19.25	188.71	145.85
		409	5.27	12.18	-55.52	-53.88	10.55	-10.39	201.81	-47.30	-11.12	165.63	87.77
		408	8.34	8.67	-86.26	-79.55	1.96	-24.34	262.33	-134.12	-118.78	246.99	76.47
		417	9.35	3.22	-111.05	-95.86	-11.97	-38.79	327.76	-159.26	-131.37	299.86	113.17
289	39	418	4.65	-5.16	-38.10	-38.01	-5.25	-1.73	193.63	-95.31	-35.81	134.13	116.84
		409	3.97	6.75	-27.17	-26.81	6.38	3.51	149.52	-50.23	-29.08	128.36	61.47
		408	6.39	-0.24	-57.81	-55.85	-2.20	-10.44	221.87	-107.82	-97.31	211.36	57.91
		417	7.25	-6.79	-82.50	-73.17	-16.13	-24.89	269.09	-134.55	-112.37	246.91	91.97
289	71	418	4.56	-5.55	-36.03	-36.02	-5.57	-0.67	188.29	-95.31	-36.98	129.95	114.63
		409	3.89	6.73	-25.40	-24.74	6.07	4.56	145.61	-50.45	-30.36	125.52	59.46
		408	6.25	-0.87	-55.69	-54.03	-2.52	-9.38	218.80	-105.89	-95.74	208.65	56.51
		417	7.09	-7.55	-80.33	-71.43	-16.45	-23.84	264.61	-132.73	-110.99	242.87	90.36
290	7	417	8.70	12.66	-124.25	-95.37	-16.22	-55.85	325.71	-89.80	-67.28	303.19	94.08
		408	8.44	16.82	-96.14	-79.44	0.13	-40.09	248.22	-135.39	-124.86	237.68	62.70
		410	8.22	18.30	-100.10	-66.11	-15.69	-53.56	266.88	-136.54	-132.43	262.77	40.53
		419	9.20	19.61	-127.07	-71.19	-36.27	-71.23	325.59	-129.28	-127.19	323.50	30.75
290	39	417	6.77	-3.35	-89.23	-72.27	-20.30	-34.18	273.94	-100.85	-82.42	255.51	81.05
		408	6.28	1.94	-61.45	-55.55	-3.96	-18.41	214.25	-109.73	-101.81	206.33	50.04
		410	6.21	-0.04	-71.32	-51.58	-19.78	-31.89	234.45	-115.11	-112.07	231.41	32.46
		419	7.46	1.39	-99.19	-57.45	-40.35	-49.56	276.94	-114.91	-113.70	275.73	21.77
290	71	417	6.64	-4.57	-86.55	-70.51	-20.61	-32.53	270.02	-101.67	-83.53	251.88	80.09
		408	6.13	0.87	-58.86	-53.72	-4.27	-16.76	211.69	-107.85	-100.12	203.96	49.10
		410	6.06	-1.44	-69.12	-50.47	-20.09	-30.24	232.01	-113.53	-110.56	229.05	31.88
		419	7.34	0.02	-97.08	-56.40	-40.66	-47.91	273.25	-113.86	-112.70	272.09	21.13
291	7	419	9.18	23.18	-133.22	-70.16	-39.88	-76.72	268.40	-143.11	-141.06	266.35	29.03
		410	8.20	22.16	-105.74	-65.75	-17.82	-59.29	233.23	-143.90	-140.57	229.90	35.28
		411	7.63	27.32	-101.39	-40.86	-33.21	-64.24	190.72	-118.35	-115.95	188.31	27.17
		420	8.36	30.10	-121.56	-37.09	-54.37	-75.34	212.16	-112.43	-108.00	207.73	-37.66
291	39	419	7.44	2.38	-102.38	-55.96	-44.03	-52.04	247.46	-118.79	-117.55	246.23	21.21
		410	6.06	1.10	-73.89	-50.82	-21.97	-34.61	216.05	-118.24	-115.70	213.50	29.06
		411	5.85	3.86	-75.33	-34.11	-37.36	-39.56	173.40	-100.31	-99.01	172.10	18.82
		420	6.78	7.69	-97.28	-31.06	-58.52	-50.66	189.17	-94.40	-92.30	187.07	-24.31
291	71	419	7.32	0.82	-100.04	-54.88	-44.35	-50.16	245.96	-116.98	-115.80	244.79	20.63
		410	5.91	-0.50	-71.46	-49.68	-22.28	-32.73	214.85	-116.33	-113.84	212.36	28.61
		411	5.73	2.10	-73.37	-33.59	-37.67	-37.68	172.20	-98.98	-97.75	170.97	18.20
		420	6.71	6.06	-95.49	-30.60	-58.83	-48.77	187.53	-93.10	-91.15	185.58	-23.32
292	7	420	8.12	29.83	-119.24	-36.78	-52.63	-74.11	110.43	-127.79	-121.10	103.74	-39.37
		411	6.97	27.19	-99.39	-40.79	-31.41	-63.12	88.77	-128.84	-127.98	87.92	-13.61
		412	6.39	31.16	-95.01	-22.54	-41.31	-62.39	16.87	-104.33	-100.70	13.24	-20.66
		421	7.51	33.52	-108.68	-16.76	-58.40	-67.98	37.27	-108.97	-91.92	20.21	-46.94
292	46	420	6.36	-19.23	-71.39	-21.88	-68.74	-11.44	200.57	-63.96	-62.46	199.07	-19.87
		411	5.16	-22.97	-47.52	-22.98	-47.51	-0.45	189.56	-68.37	-68.33	189.53	2.96
		412	4.59	-15.57	-57.42	-15.57	-57.42	0.28	112.11	-57.42	-57.38	112.08	-2.40
		421	5.48	-12.10	-74.96	-12.55	-74.50	-5.32	116.75	-53.56	-49.57	112.76	-25.75
292	78	420	6.32	-18.89	-71.68	-22.21	-68.36	-12.82	197.81	-65.09	-63.69	196.41	-19.10
		411	5.10	-23.23	-47.27	-23.37	-47.13	-1.82	186.77	-69.64	-69.59	186.72	3.67
		412	4.54	-15.70	-57.06	-15.73	-57.03	-1.09	109.33	-58.33	-58.31	109.32	-1.67
		421	5.42	-11.93	-74.84	-12.65	-74.12	-6.69	113.94	-54.27	-50.48	110.15	-24.95
293	7	421	7.70	34.13	-103.46	-15.27	-54.07	-66.00	-44.53	-141.92	-108.69	-77.76	-46.17
		412	6.50	30.98	-90.42	-22.44	-37.00	-60.26	-69.24	-126.41	-116.35	-79.31	-21.78
		413	6.89	32.80	-86.80	-12.08	-41.92	-57.91	-89.84	-174.51	-96.66	-167.69	-23.04
		422	7.95	35.37	-95.99	-5.29	-55.33	-60.73	-70.23	-188.41	-90.18	-168.47	-44.26
293	39	421	5.24	10.05	-88.20	-14.78	-63.37	-42.70	14.45	-92.47	-83.23	5.21	-30.05
		412	4.10	6.13	-72.36	-19.93	-46.30	-36.96	3.40	-91.59	-91.08	2.89	-6.90
		413	4.64	8.61	-71.24	-11.41	-51.22	-34.61	-70.89	-90.92	-75.57	-86.24	-8.48
		422	5.66	11.73	-82.98	-6.61	-64.63	-37.43	-47.81	-107.33	-68.90	-86.25	-28.47
293	71	421	5.05	8.37	-87.19	-14.74	-64.07	-40.92	19.79	-89.51	-81.29	11.57	-28.83
		412	3.95	4.36	-71.10	-19.74	-47.00	-35.18	9.53	-89.50	-89.16	9.19	-5.78
		413	4.48	6.95	-70.23	-11.36	-51.93	-32.83	-69.00	-84.96	-73.96	-80.00	-7.38
		422	5.49	10.13	-82.17	-6.71	-65.33	-35.65	-45.60	-101.62	-67.27	-79.95	-27.28
294	7	422	8.52	35.56	-91.12	-4.24	-51.32	-58.80	-98.23	-276.58	-108.93	-265.87	-42.37
		413	7.44	32.43	-82.24	-11.93	-37.88	-55.85	-111.82	-267.24	-115.10	-263.96	-22.34
		414	8.39	33.22	-78.99	-6.18	-39.59	-53.56	-102.46	-356.94	-104.45	-354.95	-22.41
		423	9.27	35.58	-85.56	0.74	-50.72	-54.83	-95.15	-362.69	-100.79	-357.05	-38.44
294	39	422	6.03	11.41	-81.47	-6.36	-63.70	-36.53	-66.56	-144.33	-77.91	-132.98	-27.45
		413	5.01	7.85	-69.66	-11.54	-50.26	-33.58	-83.10	-133.91	-84.42	-132.59	-8.08
		414	6.12	8.88	-68.06	-7.21	-51.97	-31.29	-75.11	-224.46	-75.66	-223.91	-9.05
		423	6.93	11.50	-77.31	-2.71	-63.10	-32.56	-67.85	-228.30	-71.67	-224.49	-24.44
294	71	422	5.85	9.79	-80.95	-6.52	-64.64	-34.84	-63.78	-134.54	-75.53	-122.79	-26.33
		413	4.83	6.19	-68.90	-11.52	-51.20	-31.88	-80.88	-123.69	-82.06	-122.52	-7.01

		414	5.96	7.26	-67.46	-7.29	-52.91	-29.59	-72.99	-214.32	-73.45	-213.86	-8.05
		423	6.76	9.90	-76.92	-2.98	-64.04	-30.86	-65.75	-218.01	-69.43	-214.33	-23.39
295	7	423	10.19	33.77	-81.09	1.36	-48.68	-51.70	-118.18	-466.95	-121.83	-463.30	-35.49
		414	9.26	30.74	-74.36	-6.13	-37.48	-50.16	-123.61	-459.40	-124.75	-458.26	-19.53
		415	10.30	30.81	-72.38	-4.45	-37.12	-48.94	-119.02	-543.87	-119.77	-543.12	-17.79
		424	11.03	31.91	-76.88	1.86	-46.83	-48.64	-118.12	-552.03	-120.05	-550.11	-28.83
295	39	423	7.48	10.53	-76.30	-2.61	-63.16	-31.12	-79.02	-278.07	-81.74	-275.35	-23.11
		414	6.65	7.34	-66.71	-7.41	-51.96	-29.58	-85.02	-273.85	-85.34	-273.54	-7.73
		415	7.77	6.90	-65.35	-6.85	-51.60	-28.36	-81.55	-358.91	-81.79	-358.67	-8.10
		424	8.42	8.10	-72.65	-3.24	-61.31	-28.06	-80.19	-363.66	-81.42	-362.44	-18.57
295	71	423	7.28	9.01	-76.17	-2.91	-64.25	-29.55	-76.00	-263.60	-78.66	-260.94	-22.18
		414	6.45	5.82	-66.38	-7.50	-53.06	-28.01	-82.05	-259.65	-82.31	-259.38	-6.84
		415	7.59	5.34	-65.06	-7.03	-52.69	-26.79	-78.68	-344.74	-78.88	-344.54	-7.37
		424	8.23	6.55	-72.58	-3.63	-62.41	-26.49	-77.28	-349.22	-78.45	-348.05	-17.79
296	3	424	12.23	26.49	-72.80	1.59	-47.90	-43.04	-141.19	-662.98	-142.24	-661.93	-23.40
		415	11.34	23.15	-66.03	-4.74	-38.15	-41.34	-140.02	-647.80	-140.34	-647.48	-12.85
		416	12.13	23.30	-69.48	-9.67	-36.51	-44.41	-142.11	-714.69	-142.16	-714.65	-5.11
		425	12.77	19.19	-70.05	-6.09	-44.77	-40.21	-146.57	-736.53	-146.68	-736.42	-7.95
296	35	424	9.10	6.12	-72.52	-3.58	-62.82	-25.86	-91.25	-416.88	-92.04	-416.09	-15.98
		415	8.37	3.15	-63.45	-7.23	-53.07	-24.16	-91.48	-408.92	-91.59	-408.81	-5.84
		416	9.22	2.45	-65.19	-11.31	-51.43	-27.23	-94.45	-476.21	-94.47	-476.19	-2.60
		425	9.75	-1.31	-68.77	-10.39	-59.69	-23.03	-97.49	-490.87	-97.56	-490.80	-5.02
296	67	424	8.87	4.79	-72.72	-3.97	-63.95	-24.55	-87.42	-398.04	-88.19	-397.27	-15.42
		415	8.14	1.89	-63.51	-7.42	-54.20	-22.85	-87.76	-390.64	-87.86	-390.55	-5.31
		416	8.99	1.09	-65.08	-11.43	-52.56	-25.92	-90.80	-457.96	-90.82	-457.94	-2.41
		425	9.52	-2.61	-68.92	-10.72	-60.82	-21.72	-93.73	-472.06	-93.79	-472.00	-4.80
297	7	427	10.48	-28.20	-105.21	-98.00	-35.41	-22.43	423.90	-219.28	-60.23	264.85	277.49
		418	7.54	10.73	-85.77	-84.05	9.01	-12.76	219.64	-145.00	-74.67	149.31	143.87
		417	10.31	1.45	-124.10	-111.99	-10.65	-37.06	347.22	-162.22	-130.31	315.31	123.44
		426	12.42	-15.52	-163.12	-141.20	-37.44	-52.49	476.11	-180.58	-148.41	443.94	141.75
297	39	427	8.02	-38.05	-65.65	-62.19	-41.50	-9.14	320.38	-203.98	-54.46	170.85	236.74
		418	5.17	2.92	-47.74	-47.73	2.91	0.54	148.82	-115.42	-62.94	96.34	105.42
		417	7.73	-8.89	-88.55	-80.68	-16.75	-23.76	290.55	-135.35	-108.50	263.70	103.52
		426	9.52	-25.45	-128.46	-110.37	-43.54	-39.19	379.00	-165.52	-137.82	351.30	119.65
297	71	427	7.84	-38.78	-62.64	-59.45	-41.97	-8.12	312.55	-202.94	-54.05	163.66	233.63
		418	5.00	2.50	-45.01	-44.96	2.45	1.55	143.40	-113.18	-62.06	92.29	102.48
		417	7.54	-9.67	-85.83	-78.29	-17.22	-22.75	286.23	-133.33	-106.85	259.75	102.01
		426	9.30	-26.19	-125.82	-108.01	-44.00	-38.18	371.57	-164.39	-137.03	344.21	117.97
298	7	426	12.94	-2.71	-186.36	-138.58	-50.48	-80.57	470.20	-160.47	-135.10	444.83	123.93
		417	10.49	14.76	-134.81	-110.80	-9.25	-54.90	300.45	-164.85	-147.64	283.24	87.82
		419	9.42	20.64	-130.19	-74.96	-34.59	-72.66	335.86	-119.05	-116.77	333.58	32.16
		428	11.63	19.05	-160.91	-71.67	-70.19	-89.98	411.41	-112.78	-112.54	411.17	-11.20
298	39	426	10.87	-18.28	-144.86	-106.92	-56.21	-57.99	405.02	-143.42	-119.17	380.78	112.72
		417	7.67	-1.51	-92.56	-79.09	-14.97	-32.32	252.09	-139.49	-124.40	237.00	75.37
		419	7.61	0.82	-101.27	-60.13	-40.32	-50.08	287.07	-108.76	-107.06	285.37	25.87
		428	9.97	1.67	-134.46	-56.88	-75.92	-67.40	345.89	-106.24	-105.45	345.10	-18.89
298	71	426	10.72	-19.43	-141.71	-104.50	-56.64	-56.26	400.07	-142.15	-117.97	375.89	111.92
		417	7.46	-2.74	-89.33	-76.67	-15.40	-30.59	248.42	-137.59	-122.65	233.48	74.46
		419	7.49	-0.67	-99.08	-59.00	-40.75	-48.35	283.36	-107.99	-106.33	281.70	25.42
		428	9.85	0.43	-132.52	-55.75	-76.35	-65.67	340.90	-105.78	-104.94	340.05	-19.45
299	7	428	10.63	18.17	-161.67	-70.87	-72.63	-89.91	337.99	-110.52	-107.10	334.58	-39.00
		419	8.92	22.60	-126.75	-72.38	-31.77	-71.87	266.60	-133.46	-131.13	264.28	30.42
		420	8.11	29.12	-114.23	-36.21	-48.90	-71.39	216.53	-97.52	-91.91	210.93	-41.58
		429	8.71	28.84	-130.71	-25.30	-76.57	-75.55	255.88	-60.45	-40.68	236.10	-76.58
299	39	428	9.52	-0.08	-136.13	-55.97	-80.24	-66.93	308.08	-94.55	-93.08	306.61	-24.28
		419	7.04	1.44	-97.92	-57.10	-39.38	-48.88	245.57	-116.62	-115.39	244.33	21.11
		420	6.56	6.36	-93.79	-30.92	-56.51	-48.41	192.41	-86.25	-83.85	190.01	-25.75
		429	7.80	9.21	-113.76	-20.37	-84.18	-52.56	219.27	-62.75	-50.23	206.75	-58.09
299	71	428	9.47	-1.36	-134.28	-54.83	-80.81	-65.18	305.89	-93.38	-92.02	304.54	-23.18
		419	6.94	-0.14	-95.75	-55.94	-39.95	-47.13	244.06	-115.35	-114.19	242.90	20.42
		420	6.51	4.71	-92.31	-30.51	-57.08	-46.66	190.69	-85.46	-83.25	188.49	-24.56
		429	7.76	7.88	-112.62	-20.00	-84.75	-50.81	216.58	-62.93	-50.92	204.57	-56.69
300	6	429	9.45	-10.26	-117.92	-10.76	-117.41	7.37	244.76	-21.06	-21.06	244.76	0.68
		420	7.81	-13.93	-90.65	-16.12	-88.45	12.79	231.30	-45.39	-43.59	229.51	22.19
		421	7.02	-5.78	-98.90	-9.75	-94.93	18.80	143.23	-40.05	-38.50	141.67	16.80
		430	7.97	-2.87	-116.20	-6.03	-113.04	18.65	142.68	-20.91	-20.91	142.68	-0.70
300	38	429	8.36	-12.70	-106.43	-14.58	-104.55	-13.13	213.07	-40.87	-39.40	211.60	-19.22
		420	6.72	-20.02	-76.66	-21.10	-75.59	-7.72	197.02	-61.77	-61.69	196.94	4.46
		421	5.84	-11.79	-82.11	-11.83	-82.07	-1.71	110.38	-49.79	-49.78	110.38	-0.66
		430	6.76	-6.60	-100.22	-6.64	-100.18	-1.85	113.62	-35.29	-32.47	110.80	-20.29
300	70	429	8.28	-12.50	-105.95	-14.87	-103.58	-14.70	210.79	-42.49	-40.79	209.09	-20.72
		420	6.64	-19.90	-76.20	-21.48	-74.62	-9.28	194.51	-63.10	-63.06	194.47	3.12
		421	5.76	-11.83	-81.26	-11.99	-81.10	-3.27	108.03	-50.65	-50.62	108.00	-1.98
		430	6.68	-6.56	-99.34	-6.69	-99.21	-3.42	111.66	-36.60	-33.33	108.38	-21.78
301	6	430	9.89	-8.35	-129.55	-10.42	-127.47	15.71	242.72	-3.66	-3.65	242.71	-1.55
		421	8.94	-8.91	-111.53	-11.66	-108.77	16.58	238.87	-23.35	-22.21	237.73	17.23
		422	7.79	-1.85	-114.49	-6.26	-110.08	21.84	145.79	-20.94	-19.18	144.03	17.06

		431	8.40	-2.46	-126.84	-6.53	-122.76	22.14	145.60	-5.19	-5.14	145.55	2.76
301	38	430	7.74	-9.21	-108.21	-9.33	-108.08	-3.47	160.99	-26.19	-23.99	158.78	-20.18
		421	6.80	-12.85	-89.47	-12.94	-89.38	-2.60	155.80	-42.11	-42.11	155.80	-0.20
		422	5.57	-6.95	-90.77	-7.03	-90.69	2.66	62.88	-35.06	-35.06	62.87	0.47
		431	6.17	-4.98	-103.46	-5.06	-103.37	2.97	65.00	-24.06	-21.46	62.40	-15.00
301	70	430	7.58	-9.00	-106.86	-9.25	-106.61	-4.93	154.94	-28.12	-25.54	152.36	-21.59
		421	6.65	-12.82	-88.13	-13.04	-87.91	-4.06	149.54	-43.64	-43.63	149.53	-1.52
		422	5.41	-7.07	-89.24	-7.09	-89.22	1.20	56.66	-36.27	-36.27	56.66	-0.78
		431	6.01	-4.93	-101.93	-4.95	-101.90	1.50	59.29	-25.96	-22.70	56.03	-16.35
302	6	431	10.33	-6.26	-139.63	-9.91	-135.97	21.77	245.91	14.28	14.28	245.91	-0.49
		422	9.69	-4.19	-127.11	-8.16	-123.14	21.72	241.71	-1.62	-0.63	240.72	15.53
		423	8.35	-2.57	-127.97	-8.05	-122.48	25.65	149.99	0.66	2.06	148.59	14.37
		432	8.84	-5.35	-137.59	-10.66	-132.28	25.97	152.85	12.42	12.49	152.79	3.08
302	35	431	6.29	11.12	-78.90	-1.70	-66.09	-31.45	-39.04	-157.33	-59.96	-136.40	-45.14
		422	5.36	8.10	-69.43	-8.06	-53.26	-31.50	-61.29	-142.69	-72.72	-131.26	-28.27
		423	6.24	7.84	-65.17	-4.73	-52.60	-27.57	-63.86	-226.75	-67.62	-222.99	-24.47
		432	7.01	10.89	-72.53	0.76	-62.40	-27.25	-51.77	-236.66	-59.32	-229.11	-36.58
302	67	431	6.15	9.71	-79.54	-1.91	-67.92	-30.04	-36.43	-147.60	-57.96	-126.07	-43.93
		422	5.23	6.60	-69.76	-8.07	-55.09	-30.08	-58.98	-133.00	-70.77	-121.21	-27.09
		423	6.12	6.42	-65.67	-4.82	-54.43	-26.16	-62.10	-216.58	-65.74	-212.95	-23.42
		432	6.89	9.51	-73.28	0.45	-64.23	-25.84	-49.91	-226.26	-57.38	-218.79	-35.51
303	3	432	9.59	36.16	-63.10	6.22	-33.16	-45.55	-99.01	-472.05	-104.86	-466.20	-46.36
		423	8.78	33.50	-59.78	-2.98	-23.31	-45.52	-109.53	-463.27	-113.11	-459.69	-35.41
		424	9.65	33.52	-55.10	-0.23	-21.35	-43.04	-116.51	-550.08	-118.54	-548.06	-29.59
		433	10.31	34.83	-56.64	8.03	-29.84	-41.63	-113.59	-561.06	-116.45	-558.20	-35.66
303	40	432	7.49	7.25	-75.78	0.22	-68.75	-23.11	-61.09	-267.49	-66.19	-262.39	-32.05
		423	6.74	3.54	-67.43	-4.99	-58.91	-23.08	-72.61	-260.32	-74.93	-258.00	-20.74
		424	7.75	1.98	-64.14	-5.21	-56.94	-20.60	-76.73	-346.91	-77.81	-345.83	-17.05
		433	8.37	4.34	-70.71	-0.94	-65.44	-19.19	-73.30	-355.83	-75.27	-353.86	-23.50
303	72	432	7.35	6.32	-76.58	-0.05	-70.22	-22.07	-58.52	-254.42	-63.68	-249.26	-31.37
		423	6.60	2.63	-68.08	-5.08	-60.37	-22.03	-70.16	-247.34	-72.45	-245.05	-20.02
		424	7.62	1.00	-64.84	-5.44	-58.41	-19.55	-74.13	-333.90	-75.18	-332.86	-16.42
		433	8.23	3.35	-71.59	-1.34	-66.90	-18.15	-70.66	-342.65	-72.60	-340.70	-22.91
304	3	433	11.66	32.83	-52.66	8.48	-28.31	-38.58	-139.57	-683.34	-141.43	-681.49	-31.72
		424	10.77	29.34	-49.30	-0.13	-19.83	-38.07	-140.10	-663.12	-141.22	-662.00	-24.19
		425	11.46	29.35	-52.09	-6.11	-16.63	-40.38	-146.64	-736.75	-146.75	-736.64	-7.99
		434	12.20	24.18	-48.57	-0.92	-23.46	-34.59	-153.97	-772.46	-154.14	-772.28	-10.26
304	40	433	9.07	4.02	-71.03	-0.92	-66.09	-18.61	-84.52	-407.70	-86.05	-406.17	-22.20
		424	8.36	0.22	-63.27	-5.44	-57.61	-18.09	-86.72	-395.23	-87.45	-394.50	-15.02
		425	9.13	-3.46	-62.58	-11.63	-54.41	-20.40	-93.20	-469.24	-93.25	-469.18	-4.55
		434	9.78	-6.62	-65.15	-10.53	-61.24	-14.61	-98.99	-497.13	-99.09	-497.03	-6.47
304	72	433	8.89	3.07	-72.08	-1.34	-67.67	-17.67	-80.98	-390.15	-82.51	-388.62	-21.72
		424	8.18	-0.65	-64.21	-5.68	-59.18	-17.16	-83.31	-378.25	-84.03	-377.52	-14.56
		425	8.96	-4.49	-63.35	-11.85	-55.99	-19.47	-89.81	-452.27	-89.86	-452.22	-4.37
		434	9.59	-7.55	-66.20	-10.94	-62.82	-13.68	-95.48	-479.59	-95.58	-479.48	-6.28
305	7	436	33.18	-71.97	-259.61	-113.74	-217.84	-78.06	1151.37	-590.23	-145.36	706.51	759.52
		427	7.14	4.84	-114.76	-114.54	4.63	5.05	6.99	-180.80	-20.89	-152.93	66.76
		426	17.88	-34.24	-203.92	-164.91	-73.25	-71.40	736.01	-215.98	-116.95	636.98	290.63
		435	14.71	-125.85	-218.38	-215.28	-128.95	-16.64	531.50	-203.68	-203.68	531.50	-0.02
305	39	436	31.60	-43.41	-240.63	-69.47	-214.56	-66.79	1073.12	-585.39	-136.32	624.05	736.97
		427	6.48	11.04	-77.27	-74.15	7.91	16.31	-14.04	-255.69	-22.78	-246.94	45.12
		426	15.70	-30.82	-162.35	-123.20	-69.96	-60.14	634.20	-199.31	-108.06	542.94	260.26
		435	11.65	-125.02	-170.33	-169.68	-125.67	-5.38	449.96	-192.72	-190.95	448.19	-33.65
305	71	436	31.48	-41.00	-239.39	-66.09	-214.31	-65.93	1067.22	-585.08	-135.65	617.79	735.26
		427	6.46	11.73	-74.62	-71.06	8.17	17.18	-15.00	-262.05	-22.91	-254.14	43.48
		426	15.54	-30.47	-159.25	-120.01	-69.71	-59.28	626.42	-198.08	-107.40	535.75	257.95
		435	11.42	-124.92	-166.69	-166.19	-125.41	-4.52	443.94	-192.08	-190.01	441.87	-36.19
306	3	435	21.67	-57.48	-293.00	-209.25	-141.23	-112.74	874.01	-45.08	-26.19	855.13	130.38
		426	12.51	-17.58	-187.59	-147.69	-57.48	-72.04	392.53	-216.05	-198.73	375.21	101.21
		428	12.68	11.77	-176.94	-71.82	-93.35	-93.74	458.92	-68.43	-65.93	456.42	-36.20
		437	15.16	23.39	-191.93	-28.63	-139.90	-92.17	545.46	-89.74	-60.19	515.91	-133.78
306	35	435	19.01	-61.49	-244.76	-167.29	-138.96	-90.53	754.23	-37.88	-20.64	736.99	115.60
		426	9.45	-24.66	-136.49	-105.95	-55.21	-49.83	324.54	-200.24	-186.74	311.04	83.08
		428	11.11	-3.35	-149.39	-61.66	-91.08	-71.53	391.87	-62.08	-61.31	391.10	-18.66
		437	13.23	14.04	-169.91	-18.23	-137.64	-69.96	425.04	-97.29	-68.73	396.48	-118.75
306	67	435	18.82	-61.71	-241.16	-164.08	-138.79	-88.83	745.07	-37.37	-20.24	727.94	114.50
		426	9.22	-25.17	-132.62	-102.75	-55.04	-48.13	319.37	-199.06	-185.84	306.15	81.73
		428	10.99	-4.47	-147.32	-60.88	-90.91	-69.83	386.79	-61.64	-60.97	386.12	-17.35
		437	13.08	13.44	-168.34	-17.44	-137.46	-68.26	415.83	-97.87	-69.37	387.33	-117.60
307	7	437	12.31	6.10	-179.89	-46.73	-127.06	-83.87	402.54	-65.47	-45.04	382.11	-95.62
		428	10.22	15.55	-137.76	-60.18	-62.03	-76.65	337.36	-126.25	-116.51	327.63	-66.46
		429	8.04	22.17	-120.13	-23.02	-74.94	-66.24	261.88	-58.99	-39.33	242.22	-76.95
		438	8.55	19.18	-118.34	-3.77	-95.39	-51.27	282.38	-64.78	-21.46	239.06	-114.73
307	58	437	12.60	-11.25	-169.95	-22.10	-159.11	-40.04	318.65	-23.09	-20.28	315.84	-30.86
		428	8.78	-20.06	-108.64	-34.61	-94.08	-32.82	257.81	-94.05	-93.64	257.40	-11.98
		429	7.94	-10.48	-112.20	-15.69	-106.99	-22.41	170.07	-55.78	-52.31	166.60	-27.76
		438	9.27	2.97	-127.87	2.55	-127.44	-7.44	182.44	-48.94	-34.76	168.25	-55.51

307	90	437	12.58	-11.16	-169.55	-22.54	-158.17	-40.91	320.41	-23.28	-20.29	317.43	-31.89
		428	8.76	-19.64	-108.59	-35.08	-93.14	-33.70	259.38	-94.13	-93.66	258.91	-12.89
		429	7.92	-10.18	-111.70	-15.83	-106.05	-23.29	171.83	-55.65	-51.99	168.17	-28.61
308	6	438	9.24	2.96	-127.03	2.43	-126.49	-8.32	184.47	-48.98	-34.41	169.89	-56.48
		438	11.65	-7.01	-161.74	-7.05	-161.70	2.47	248.24	-2.94	-2.05	247.35	-14.94
		429	10.29	-12.77	-133.90	-12.90	-133.77	-4.01	242.40	-37.68	-37.66	242.38	2.26
308	38	430	8.92	-3.55	-130.51	-3.83	-130.23	5.95	140.38	-51.02	-50.91	140.28	4.42
		439	9.58	0.80	-145.47	-0.37	-144.30	13.00	137.18	-30.22	-29.85	136.81	-7.82
		438	10.18	-6.24	-141.21	-7.11	-140.34	-10.83	222.67	-18.63	-12.26	216.30	-38.69
308	70	429	8.83	-11.63	-115.38	-14.60	-112.41	-17.30	212.17	-49.35	-47.84	210.67	-19.78
		430	7.29	-5.40	-109.39	-5.92	-108.87	-7.34	111.61	-47.55	-45.49	109.55	-17.98
		439	7.96	-0.47	-122.94	-0.47	-122.94	-0.29	114.11	-31.63	-24.26	106.74	-31.94
309	6	438	10.07	-6.06	-139.78	-7.12	-138.72	-11.84	220.96	-20.04	-13.03	213.95	-40.50
		429	8.72	-11.36	-114.17	-14.73	-110.79	-18.32	210.04	-50.39	-48.61	208.26	-21.45
		430	7.17	-5.39	-107.94	-6.08	-107.26	-8.36	109.73	-47.60	-45.09	107.22	-19.69
309	38	439	7.84	-0.46	-121.34	-0.48	-121.33	-1.30	112.81	-32.20	-23.86	104.46	-33.78
		439	11.75	-5.84	-165.65	-6.56	-164.93	10.70	245.42	9.05	9.40	245.07	-9.08
		430	11.04	-6.79	-149.83	-6.96	-149.66	4.94	240.59	-15.58	-15.55	240.55	2.96
309	70	431	9.54	-0.17	-145.69	-1.02	-144.85	11.07	142.30	-21.35	-21.13	142.08	5.97
		440	9.92	-1.11	-155.68	-2.57	-154.22	14.95	144.42	-1.35	-1.31	144.38	-2.26
		439	9.04	-4.40	-134.11	-4.43	-134.09	-1.86	164.69	-11.51	-5.32	158.50	-32.45
309	6	430	8.35	-6.86	-119.34	-7.38	-118.82	-7.63	159.65	-31.26	-29.45	157.85	-18.46
		431	6.77	-2.45	-114.02	-2.47	-114.00	-1.50	62.71	-30.97	-28.91	60.65	-13.74
		440	7.14	-1.43	-123.42	-1.48	-123.38	2.38	66.55	-17.37	-9.91	59.09	-23.89
310	38	439	8.83	-4.20	-131.81	-4.26	-131.74	-2.82	158.95	-13.52	-6.44	151.87	-34.22
		430	8.14	-6.74	-117.15	-7.41	-116.48	-8.59	153.70	-32.71	-30.52	151.51	-20.09
		431	6.56	-2.53	-111.72	-2.58	-111.66	-2.46	57.10	-32.17	-29.49	54.42	-15.23
310	70	440	6.93	-1.38	-121.05	-1.39	-121.04	1.42	61.59	-19.59	-10.56	52.56	-25.53
		440	12.22	-5.59	-174.63	-7.13	-173.09	16.07	251.82	19.05	19.31	251.56	-7.73
		431	11.77	-3.25	-164.50	-4.21	-163.54	12.43	242.58	-2.16	-2.13	242.55	2.73
310	6	432	10.34	0.37	-161.43	-1.31	-159.75	16.41	148.60	-9.00	-8.91	148.52	3.61
		441	10.58	-2.93	-168.26	-5.03	-166.17	18.48	155.93	9.95	9.99	155.89	-2.47
		440	8.28	-3.87	-133.52	-3.93	-133.46	2.77	116.57	-5.93	0.16	110.48	-26.61
310	38	431	7.88	-4.15	-123.91	-4.15	-123.91	-0.87	110.53	-21.57	-19.80	108.77	-15.18
		432	6.39	-1.95	-120.20	-2.03	-120.12	3.12	18.35	-26.19	-23.24	15.40	-11.08
		441	6.60	-2.40	-126.75	-2.61	-126.53	5.18	25.82	-16.15	-5.81	15.48	-18.09
310	70	440	7.98	-3.67	-130.47	-3.69	-130.44	1.76	106.93	-8.58	-1.31	99.66	-28.04
		431	7.58	-4.12	-120.93	-4.15	-120.90	-1.89	100.75	-23.40	-21.15	98.51	-16.54
		432	6.09	-2.05	-117.14	-2.09	-117.10	2.10	9.57	-28.72	-24.34	5.19	-12.18
311	6	441	6.30	-2.28	-123.67	-2.43	-123.52	4.17	18.98	-21.30	-7.02	4.71	-19.27
		441	12.86	-6.27	-186.22	-9.11	-183.38	22.44	262.57	31.32	31.92	261.97	-11.75
		432	12.63	-0.67	-180.01	-3.21	-177.47	21.19	252.00	11.53	11.54	252.00	-0.71
311	48	433	10.94	-9.55	-177.32	-13.20	-173.67	24.47	163.48	13.46	13.47	163.47	-0.85
		442	11.17	-14.02	-184.11	-18.24	-179.89	26.47	169.25	29.55	29.64	169.16	-3.60
		441	7.48	4.18	-76.39	1.63	-73.84	-14.11	-34.88	-255.23	-37.30	-252.81	-22.96
311	80	432	6.83	0.70	-71.37	-2.74	-67.93	-15.36	-52.43	-243.37	-53.52	-242.28	-14.37
		433	7.79	-1.72	-66.48	-4.06	-64.14	-12.08	-65.46	-333.94	-65.76	-333.65	-8.86
		442	8.47	2.57	-71.74	1.17	-70.35	-10.08	-53.45	-348.76	-53.73	-348.47	-9.23
312	6	441	7.39	3.79	-77.73	1.47	-75.41	-13.55	-33.07	-243.71	-35.78	-241.00	-23.76
		432	6.74	0.38	-72.64	-2.75	-69.50	-14.80	-50.80	-232.13	-52.08	-230.85	-15.19
		433	7.70	-2.10	-67.80	-4.19	-65.71	-11.53	-63.62	-322.51	-63.97	-322.15	-9.55
312	48	442	8.37	2.11	-73.14	0.89	-71.92	-9.52	-51.52	-336.94	-51.87	-336.59	-9.94
		442	13.23	-14.76	-191.53	-18.81	-187.47	26.45	289.80	51.04	53.39	287.45	-23.58
		433	13.04	-10.24	-186.11	-14.30	-182.05	26.40	286.69	37.40	37.49	286.60	-4.82
312	80	434	11.11	-26.28	-180.76	-30.50	-176.54	25.19	198.35	39.58	39.59	198.34	1.38
		443	11.14	-32.09	-189.26	-39.44	-181.91	33.19	178.22	36.97	37.14	178.05	-4.99
		442	8.94	3.52	-72.26	1.95	-70.69	-10.78	-59.68	-380.39	-60.02	-380.04	-10.51
313	6	433	8.43	-2.39	-67.14	-4.26	-65.27	-10.83	-74.74	-377.87	-75.12	-377.49	-10.82
		434	9.26	-9.45	-62.65	-12.34	-59.76	-12.05	-94.05	-469.98	-94.07	-469.96	-2.38
		443	9.83	-10.26	-65.42	-10.56	-65.12	-4.04	-97.19	-493.64	-97.19	-493.64	0.18
313	38	442	8.81	3.02	-73.76	1.64	-72.38	-10.22	-57.15	-365.56	-57.55	-365.16	-11.11
		433	8.29	-2.77	-68.60	-4.41	-66.95	-10.27	-72.17	-362.84	-72.62	-362.40	-11.34
		434	9.12	-10.03	-64.01	-12.60	-61.44	-11.48	-91.01	-454.79	-91.03	-454.77	-2.58
313	70	443	9.69	-10.76	-67.03	-10.98	-66.81	-3.48	-94.19	-478.65	-94.19	-478.65	-0.08
		30	170.39	209.75	-488.18	110.71	-389.14	-243.55	8051.22	-2129.01	-755.27	6677.48	3478.20
		436	79.60	190.19	-144.66	31.04	14.49	167.22	491.65	-4577.68	217.12	-4303.15	-1147.31
313	6	435	49.53	37.17	-188.23	-55.18	-95.88	-110.85	2592.37	-234.01	90.32	2268.04	900.83
		444	56.58	21.80	-389.47	-99.67	-267.99	187.63	1039.94	-2516.64	378.07	-1854.77	-1384.17
		30	178.68	160.28	-532.98	50.07	-422.77	-253.49	8620.48	-2070.03	-600.21	7150.66	3681.40
313	38	436	74.76	136.58	-178.02	-22.29	-19.15	157.29	359.22	-4410.13	152.35	-4203.26	-971.52
		435	51.67	15.42	-230.17	-85.23	-129.52	-120.78	2646.54	-250.70	51.04	2344.80	884.97
		444	54.42	-23.67	-415.22	-137.27	-301.62	177.69	1175.69	-2160.14	414.99	-1399.44	-1399.60
313	70	30	179.32	156.53	-536.43	45.44	-425.33	-254.25	8664.09	-2065.71	-588.55	7186.93	3696.97
		436	74.40	132.51	-180.58	-26.37	-21.71	156.53	349.58	-4397.66	147.63	-4195.71	-958.07
		435	51.83	13.76	-233.38	-87.53	-132.08	-121.54	2650.71	-252.06	48.03	2350.62	883.76
314	3	444	54.30	-27.15	-417.18	-140.15	-304.19	176.93	1186.84	-2133.54	417.83	-1364.53	-1400.72
		444	33.15	-156.82	-491.97	-267.39	-381.40	-157.58	1033.31	-185.72	-184.42	1032.01	-39.76

		435	17.31	-1.73	-194.47	-113.56	-82.63	-95.12	644.32	-238.98	-211.19	616.54	-154.18
		437	19.03	4.07	-266.42	-60.61	-201.74	-115.37	573.50	68.47	73.47	568.50	-49.99
		445	16.12	109.30	-131.06	109.05	-130.82	7.63	470.31	64.81	82.20	452.91	-82.17
314	35	444	32.33	-152.42	-463.34	-237.37	-378.39	-138.55	974.90	-143.30	-143.16	974.77	12.25
		435	13.52	-7.05	-159.40	-86.83	-79.62	-76.09	525.09	-201.70	-180.87	504.27	-121.24
		437	16.76	-9.31	-247.72	-58.31	-198.72	-96.34	451.78	50.70	55.43	447.06	-43.29
		445	15.38	117.43	-130.70	114.54	-127.81	26.66	397.20	76.53	87.10	386.63	-57.25
314	67	444	32.27	-151.98	-461.25	-235.08	-378.16	-137.09	970.66	-140.25	-140.01	970.42	16.23
		435	13.23	-7.41	-156.77	-84.78	-79.39	-74.63	515.96	-198.86	-178.57	495.67	-118.71
		437	16.58	-10.30	-246.33	-58.14	-198.50	-94.88	442.47	49.33	54.05	437.75	-42.78
		445	15.32	118.17	-130.80	114.96	-127.58	28.12	391.66	77.40	87.47	381.58	-55.36
315	26	445	14.50	-22.74	-209.40	-22.75	-209.39	-1.32	297.79	-30.87	-23.76	290.68	-47.79
		437	14.43	7.10	-189.66	2.97	-185.53	-28.23	318.52	-46.54	-41.03	313.01	-44.52
		438	9.87	-7.64	-161.49	-9.17	-159.97	-15.26	151.73	-40.68	-19.37	130.43	-60.38
		446	10.74	13.59	-165.98	13.16	-165.56	8.77	144.92	10.58	10.61	144.88	-2.11
315	58	445	13.86	-21.54	-188.46	-21.68	-188.32	-4.89	327.59	-31.40	-21.58	317.76	-58.56
		437	13.66	7.54	-170.33	1.66	-164.45	-31.80	342.64	-47.49	-39.62	334.77	-54.84
		438	9.08	-8.70	-141.62	-11.42	-138.89	-18.83	179.21	-43.85	-17.03	152.40	-72.54
		446	10.08	13.62	-144.65	13.45	-144.48	5.20	173.56	12.77	14.13	172.20	-14.70
315	90	445	13.82	-21.44	-186.94	-21.60	-186.78	-5.16	329.80	-31.45	-21.42	319.77	-59.37
		437	13.60	7.59	-168.94	1.56	-162.91	-32.07	344.42	-47.57	-39.52	336.37	-55.60
		438	9.02	-8.75	-140.19	-11.59	-137.35	-19.10	181.24	-44.09	-16.86	154.01	-73.45
		446	10.03	13.63	-143.09	13.47	-142.94	4.93	175.74	12.87	14.39	174.23	-15.65
316	6	446	13.16	-5.91	-193.59	-6.14	-193.37	6.51	248.46	13.14	13.20	248.39	3.90
		438	13.01	-0.47	-184.84	-1.10	-184.21	-10.83	254.73	-9.87	-6.60	251.46	-29.23
		439	10.53	1.71	-166.79	1.65	-166.72	-3.33	134.80	-29.02	-24.60	130.37	-26.56
		447	10.74	1.59	-173.61	1.28	-173.30	7.31	135.59	-5.06	-3.47	133.99	14.89
316	38	446	11.15	-3.95	-160.53	-3.99	-160.49	2.36	218.34	3.29	5.63	216.01	-22.29
		438	10.94	-0.26	-152.81	-1.74	-151.33	-14.98	231.92	-24.83	-13.76	220.85	-52.17
		439	8.38	-0.29	-134.26	-0.71	-133.85	-7.48	118.46	-37.80	-20.85	101.52	-48.59
		447	8.63	1.77	-140.50	1.70	-140.43	3.16	104.40	-0.89	0.15	103.37	-10.40
316	70	446	11.00	-3.80	-158.02	-3.83	-158.00	2.04	216.34	2.26	5.05	213.55	-24.28
		438	10.78	-0.22	-150.41	-1.79	-148.83	-15.30	230.40	-26.18	-14.30	218.53	-53.91
		439	8.22	-0.42	-131.82	-0.88	-131.35	-7.80	117.62	-38.85	-20.57	99.34	-50.26
		447	8.47	1.79	-137.99	1.74	-137.93	2.84	102.54	-1.07	0.42	101.05	-12.33
317	6	447	13.21	-4.58	-195.66	-4.86	-195.38	7.24	245.62	17.09	17.53	245.17	10.08
		439	13.05	-1.42	-188.60	-1.46	-188.56	-2.91	244.86	-4.58	-1.92	242.20	-25.64
		440	11.24	3.49	-177.69	3.49	-177.68	0.78	140.92	-23.04	-21.25	139.13	-17.03
		448	11.28	0.15	-182.80	-0.14	-182.51	7.29	143.19	-4.38	-3.04	141.84	14.02
317	38	447	9.85	-2.34	-152.30	-2.40	-152.25	2.94	157.76	7.59	8.95	156.40	-14.20
		439	9.68	-1.24	-145.78	-1.60	-145.42	-7.21	169.25	-22.09	-9.80	156.96	-46.91
		440	7.77	1.34	-134.64	1.25	-134.55	-3.51	70.90	-33.73	-18.62	55.80	-36.77
		448	7.82	0.30	-139.43	0.23	-139.37	2.99	56.31	-2.05	-0.72	54.98	-8.72
317	70	447	9.60	-2.17	-149.02	-2.21	-148.97	2.61	151.41	6.49	8.29	149.61	-16.05
		439	9.42	-1.20	-142.55	-1.61	-142.14	-7.53	163.94	-23.92	-10.41	150.43	-48.53
		440	7.50	1.19	-131.38	1.08	-131.27	-3.84	66.64	-35.65	-18.43	49.42	-38.27
		448	7.56	0.31	-136.15	0.26	-136.09	2.67	50.47	-2.69	-0.55	48.33	-10.45
318	6	448	13.77	-4.83	-205.36	-5.17	-205.01	8.29	252.87	21.00	21.22	252.65	7.18
		440	13.69	-0.74	-200.11	-0.75	-200.09	1.81	248.61	-0.19	1.79	246.63	-22.11
		441	12.16	3.34	-193.15	3.27	-193.08	3.80	149.95	-22.73	-21.77	149.00	-12.81
		449	12.05	-1.24	-195.45	-1.59	-195.10	8.24	154.08	-4.40	-3.77	153.46	9.90
318	38	448	9.07	-2.39	-151.30	-2.47	-151.22	3.43	109.73	9.30	10.80	108.23	-12.21
		440	8.99	-0.83	-146.36	-0.89	-146.30	-3.05	119.51	-19.58	-7.56	107.50	-39.08
		441	7.35	1.42	-139.29	1.41	-139.28	-1.06	27.32	-35.79	-19.95	11.48	-27.36
		449	7.24	-0.53	-141.38	-0.61	-141.30	3.37	13.88	-4.66	-1.43	10.65	-7.03
318	70	448	8.71	-2.20	-147.19	-2.27	-147.13	3.06	99.25	7.91	10.01	97.15	-13.69
		440	8.64	-0.82	-142.29	-0.90	-142.21	-3.43	110.54	-21.99	-8.28	96.82	-40.36
		441	6.99	1.28	-135.21	1.27	-135.19	-1.43	20.85	-39.73	-19.81	0.93	-28.46
		449	6.87	-0.47	-137.28	-0.53	-137.21	3.00	7.56	-9.11	-1.25	-0.30	-8.32
319	6	449	14.83	-6.58	-221.26	-7.13	-220.70	10.88	277.64	31.94	31.94	277.64	0.25
		441	14.72	-1.43	-219.07	-1.65	-218.85	6.85	256.13	3.11	4.97	254.27	-21.57
		442	13.49	5.08	-215.50	4.72	-215.14	8.86	161.24	-26.78	-22.30	156.76	-28.67
		450	13.21	-1.24	-213.55	-1.87	-212.93	11.50	175.78	8.53	8.57	175.74	2.48
319	64	449	7.80	-0.61	-114.96	-0.61	-114.96	0.26	4.04	-138.49	1.91	-136.35	-17.31
		441	7.55	-0.94	-113.23	-1.06	-113.11	-3.77	-9.43	-140.22	-19.20	-130.45	-34.39
		442	8.65	0.04	-109.42	9.15e-03	-109.39	-1.75	-26.70	-225.73	-28.16	-224.27	-16.96
		450	8.84	-0.67	-107.19	-0.68	-107.18	0.88	-2.97	-234.67	-3.07	-234.57	-4.82
319	96	449	7.70	-0.52	-113.22	-0.52	-113.22	0.13	4.27	-137.20	1.98	-134.91	-17.84
		441	7.45	-0.92	-111.51	-1.06	-111.37	-3.90	-9.02	-139.22	-19.15	-129.09	-34.87
		442	8.54	-0.03	-107.69	-0.06	-107.66	-1.89	-26.58	-224.47	-28.13	-222.92	-17.44
		450	8.73	-0.66	-105.45	-0.66	-105.45	0.75	-2.90	-233.25	-3.02	-233.13	-5.30
320	6	450	15.78	-4.13	-244.85	-5.85	-243.13	20.27	264.18	35.71	46.22	253.66	-47.88
		442	17.16	5.52	-257.93	2.70	-255.11	27.11	273.27	-3.19	-1.47	271.55	-21.77
		443	13.84	-36.19	-243.93	-40.01	-240.12	27.91	177.98	33.54	33.86	177.67	-6.74
		29	14.36	-46.34	-264.08	-53.24	-257.19	38.13	170.11	58.25	58.27	170.09	1.44
320	64	450	9.25	5.10	-108.85	5.05	-108.80	-2.47	20.55	-234.48	19.28	-233.21	-17.95
		442	9.17	-0.88	-120.94	-1.04	-120.78	4.36	-29.55	-225.36	-30.23	-224.68	-11.56

		443	9.45	-19.68	-106.10	-19.99	-105.79	5.16	-68.30	-333.27	-68.32	-333.24	-2.61
		29	10.62	-16.35	-125.08	-18.58	-122.86	15.38	-39.66	-333.84	-42.04	-331.46	26.34
320	96	450	9.13	5.26	-106.75	5.19	-106.68	-2.79	20.59	-233.18	19.30	-231.89	-18.03
		442	9.04	-0.96	-118.80	-1.10	-118.67	4.04	-29.44	-223.98	-30.17	-223.24	-11.96
		443	9.33	-19.38	-103.95	-19.66	-103.67	4.85	-68.00	-331.79	-68.03	-331.76	-2.78
		29	10.50	-15.88	-122.91	-18.04	-120.74	15.07	-39.40	-332.47	-41.77	-330.10	26.25
321	7	453	36.17	101.87	-25.54	-23.16	99.49	-17.25	1187.75	-1429.92	580.81	-822.98	-1104.72
		451	117.03	-76.67	-362.41	-158.16	-280.92	129.01	6748.29	-107.42	512.98	6127.89	-1966.81
		355	51.80	39.77	-168.55	36.09	-164.87	27.42	2853.98	58.97	111.11	2801.84	-378.17
		358	30.74	20.39	-126.58	-89.34	-16.85	63.92	1616.85	-232.60	237.28	1146.97	-805.12
321	39	453	35.17	109.06	-20.06	-17.52	106.52	-17.92	1120.26	-1397.30	580.29	-857.34	-1033.36
		451	112.15	-71.83	-355.44	-153.38	-273.89	128.37	6429.04	-127.31	465.98	5835.75	-1880.91
		355	47.27	40.35	-161.50	36.70	-157.84	26.90	2560.90	33.12	78.23	2515.78	-334.68
		358	29.56	25.58	-123.32	-87.92	-9.82	63.38	1568.86	-198.05	252.88	1117.93	-770.33
321	71	453	35.09	109.59	-19.64	-17.09	107.04	-17.97	1115.20	-1394.88	580.29	-859.97	-1027.88
		451	111.77	-71.46	-354.92	-153.01	-273.37	128.32	6404.57	-128.82	462.38	5813.37	-1874.31
		355	46.92	40.40	-160.97	36.75	-157.33	26.86	2538.45	31.13	75.71	2493.87	-331.34
		358	29.47	25.96	-123.08	-87.81	-9.30	63.34	1565.17	-195.40	254.07	1115.70	-767.65
322	16	454	11.20	-1.14	-7.84	-5.11	-3.87	-3.29	586.12	-233.44	157.53	195.15	-409.35
		453	20.00	1.98	-54.12	-54.09	1.95	1.32	1078.20	-357.66	335.33	385.21	-717.50
		358	20.42	8.79	-43.44	-39.71	5.06	13.45	1220.43	-190.72	165.49	864.22	-613.01
		373	10.33	-3.07	-26.95	-23.52	-6.50	8.38	546.62	-157.75	86.53	302.35	-335.25
322	48	454	9.87	4.60	-2.88	4.24	-2.52	-1.60	513.60	-216.52	117.91	179.18	-363.77
		453	18.16	3.49	-43.75	-43.57	3.30	2.98	968.99	-333.74	289.37	345.88	-650.75
		358	18.97	11.46	-39.74	-34.68	6.40	15.27	1137.01	-161.29	145.26	830.46	-551.38
		373	9.42	0.28	-24.34	-18.90	-5.16	10.21	493.99	-134.48	68.40	291.12	-293.84
322	80	454	9.77	5.20	-2.71	4.92	-2.42	-1.47	508.18	-215.29	114.93	177.96	-360.36
		453	18.02	3.60	-43.01	-42.80	3.39	3.10	960.72	-331.95	285.89	342.88	-645.70
		358	18.86	11.67	-39.48	-34.32	6.50	15.41	1130.73	-159.09	143.77	827.88	-546.73
		373	9.35	0.54	-24.17	-18.57	-5.06	10.35	490.10	-132.76	67.07	290.27	-290.75
323	32	455	5.08	12.21	-12.57	-1.53	1.17	12.32	224.22	-73.97	89.03	61.22	-148.44
		454	11.22	7.80	-29.51	-20.37	-1.35	16.05	532.96	-178.57	227.77	126.62	-352.15
		373	10.18	14.26	-28.33	-16.11	2.04	19.26	526.54	-107.40	84.81	334.33	-291.38
		382	6.22	15.11	-25.17	-10.18	0.12	19.47	291.26	-40.27	71.78	179.21	-156.82
323	64	455	4.30	12.63	-4.80	6.70	1.12	8.25	195.54	-75.73	60.26	59.56	-135.63
		454	10.22	6.53	-19.47	-11.54	-1.40	11.97	498.95	-175.52	198.36	125.07	-335.24
		373	9.51	12.00	-21.40	-11.39	1.99	15.30	503.77	-108.92	62.05	332.79	-274.81
		382	5.60	13.01	-18.53	-5.59	0.06	15.51	271.25	-44.72	48.94	177.59	-144.30
323	96	455	4.25	12.75	-4.33	7.29	1.12	7.96	193.51	-75.90	58.19	59.43	-134.70
		454	10.15	6.45	-18.77	-10.91	-1.40	11.68	496.51	-175.31	196.24	124.95	-334.01
		373	9.47	11.84	-20.90	-11.05	1.98	15.02	502.15	-109.06	60.42	332.67	-273.61
		382	5.56	12.86	-18.06	-5.26	0.06	15.23	269.85	-45.08	47.30	177.47	-143.39
324	6	456	4.47	49.29	-10.14	35.69	3.46	24.96	77.40	-67.61	-9.45	19.24	-71.07
		455	6.08	41.52	-13.66	25.97	1.89	24.83	194.49	-101.17	45.84	47.48	-147.83
		382	6.43	40.99	-18.85	17.94	4.20	29.12	224.76	-76.18	-9.06	157.65	-125.27
		391	5.05	42.85	-17.22	21.42	4.20	28.77	137.74	-61.53	-29.86	106.07	-72.85
324	38	456	3.41	36.18	-6.14	27.99	2.04	16.72	82.50	-43.17	5.84	33.49	-61.29
		455	5.40	27.97	-9.54	17.95	0.48	16.60	211.12	-88.12	60.84	62.15	-149.62
		382	5.76	27.05	-15.24	9.03	2.79	20.92	239.00	-65.20	3.42	170.37	-127.15
		391	4.08	28.94	-13.37	12.78	2.79	20.56	143.43	-41.54	-16.67	118.56	-63.10
324	70	456	3.33	35.19	-5.85	27.40	1.94	16.10	82.86	-41.37	6.91	34.57	-60.55
		455	5.35	26.94	-9.23	17.34	0.37	15.97	212.33	-87.16	61.89	63.27	-149.74
		382	5.71	26.00	-14.98	8.34	2.68	20.29	240.06	-64.42	4.29	171.34	-127.28
		391	4.01	27.89	-13.09	12.12	2.68	19.94	143.88	-40.11	-15.75	119.51	-62.36
325	6	457	5.16	71.19	-10.36	58.31	2.52	29.74	28.22	-71.25	-50.96	7.93	-40.08
		456	5.64	63.74	-11.07	50.95	1.72	28.16	94.45	-88.95	-23.02	28.52	-88.00
		391	5.79	53.94	-17.49	33.12	3.32	32.46	141.15	-70.95	-36.31	106.51	-78.40
		400	4.69	52.73	-16.09	32.62	4.02	31.30	80.16	-63.58	-54.33	70.92	-35.27
325	38	457	3.57	51.79	-6.95	43.07	1.76	20.88	34.38	-31.73	-24.77	27.42	-20.29
		456	4.12	43.86	-7.74	35.15	0.96	19.32	98.04	-53.08	2.95	42.02	-72.99
		391	4.50	35.56	-14.29	18.71	2.57	23.58	143.80	-47.01	-21.59	118.39	-64.83
		400	3.34	34.64	-12.74	18.63	3.27	22.41	91.10	-41.71	-39.56	88.94	-16.77
325	70	457	3.45	50.31	-6.70	41.90	1.70	20.21	34.99	-29.02	-22.94	28.91	-18.77
		456	4.01	42.34	-7.49	33.94	0.91	18.65	98.25	-50.44	4.76	43.04	-71.84
		391	4.41	34.18	-14.06	17.61	2.51	22.91	144.03	-45.30	-20.56	119.30	-63.80
		400	3.24	33.27	-12.50	17.56	3.21	21.73	92.13	-40.34	-38.53	90.32	-15.36
326	6	458	5.72	87.22	-11.54	75.96	-0.28	31.39	-2.03	-71.54	-61.79	-11.78	-24.14
		457	5.85	82.08	-10.90	71.06	0.13	30.06	40.87	-76.80	-45.61	9.67	-51.94
		400	5.44	62.71	-15.97	45.40	1.35	32.60	87.79	-68.41	-55.04	74.43	-43.70
		409	4.52	55.09	-15.76	38.95	0.38	29.72	41.17	-82.05	-80.90	40.02	-11.85
326	38	458	3.89	63.47	-8.16	54.90	0.40	23.24	16.16	-38.64	-37.84	15.37	6.55
		457	3.97	57.72	-7.65	49.27	0.80	21.93	40.10	-33.46	-22.05	28.69	-26.62
		400	3.80	40.40	-13.53	24.85	2.02	24.43	94.76	-43.24	-40.06	91.57	-20.72
		409	2.82	33.38	-13.29	19.04	1.06	21.53	67.61	-60.40	-58.24	65.45	16.48
326	70	458	3.75	61.66	-7.91	53.30	0.45	22.62	18.88	-37.60	-36.16	17.45	8.89
		457	3.83	55.86	-7.41	47.60	0.85	21.31	40.20	-30.46	-20.41	30.15	-24.69
		400	3.67	38.74	-13.39	23.28	2.07	23.81	95.56	-41.68	-39.00	92.89	-18.96

		409	2.70	31.77	-13.15	17.51	1.11	20.91	70.14	-59.39	-56.65	67.40	18.65
327	6	459	5.98	94.02	-16.83	87.67	-10.48	25.76	-27.82	-92.44	-61.14	-59.12	-32.29
		458	6.17	94.70	-11.56	86.09	-2.95	28.99	5.34	-80.65	-55.04	-20.27	-39.32
		409	5.28	64.61	-15.53	53.51	-4.44	27.68	57.26	-78.49	-75.90	54.67	-18.57
		418	3.71	48.56	-19.71	41.25	-12.40	21.11	-29.20	-79.48	-78.38	-30.29	7.33
327	39	459	3.41	19.96	-6.04	15.91	-1.99	9.43	132.61	-72.43	-6.40	66.58	95.80
		458	3.05	22.08	-4.25	12.28	5.54	12.73	100.73	-49.22	-3.95	55.46	68.84
		409	4.25	8.13	-28.55	-24.46	4.05	11.54	153.65	-50.96	-20.68	123.37	72.65
		418	4.56	-3.14	-35.14	-34.37	-3.91	4.90	164.05	-102.48	-27.33	88.90	119.93
327	71	459	3.35	21.90	-6.26	17.86	-2.22	9.87	126.58	-71.27	-7.86	63.17	92.33
		458	3.00	23.71	-4.11	14.28	5.31	13.17	96.20	-48.10	-5.31	53.40	65.91
		409	4.15	8.47	-27.00	-22.35	3.82	11.97	150.10	-50.75	-22.16	121.51	70.18
		418	4.45	-3.16	-33.30	-32.32	-4.14	5.34	158.60	-101.62	-28.69	85.67	116.87
328	7	460	4.15	-10.50	-25.12	-11.90	-23.72	4.30	222.69	-62.01	30.81	129.87	133.46
		459	6.21	22.91	-27.17	-16.50	12.24	20.50	168.67	-153.26	-17.88	33.30	158.92
		418	9.37	-0.05	-84.81	-81.19	-3.68	17.16	307.25	-149.27	-61.09	219.07	180.22
		427	8.73	-19.86	-89.64	-89.26	-20.24	5.17	216.93	-321.08	-49.29	-54.85	268.99
328	39	460	3.39	17.16	-28.65	17.05	-28.54	2.20	124.95	-32.11	15.68	77.15	72.26
		459	4.36	28.60	-8.56	12.62	7.42	18.40	86.03	-127.98	-31.62	-10.32	106.47
		418	6.49	-3.19	-49.90	-44.60	-8.49	14.82	238.23	-106.17	-47.09	179.16	129.84
		427	6.47	-24.77	-53.63	-53.34	-25.05	2.85	139.77	-284.69	-40.76	-104.16	209.85
328	67	460	3.37	20.28	-29.07	20.16	-28.95	2.36	116.13	-29.52	14.42	72.20	66.85
		459	4.26	30.46	-7.69	15.77	7.00	18.56	78.79	-125.69	-32.71	-14.19	101.82
		418	6.26	-3.02	-47.01	-41.12	-8.91	14.98	232.22	-102.68	-46.05	175.59	125.53
		427	6.34	-25.10	-50.28	-49.92	-25.47	3.01	133.11	-282.13	-40.19	-108.83	204.76
329	31	461	13.21	20.37	-85.14	20.26	-85.03	-3.42	725.96	63.48	279.00	510.44	-310.37
		460	9.39	26.52	-30.95	2.15	-6.59	-28.40	-60.79	-540.50	-175.84	-425.45	204.83
		427	13.77	-51.29	-107.07	-56.85	-101.51	16.72	677.82	7.76	21.39	664.20	94.57
		436	32.60	44.26	-110.32	-78.24	12.18	-62.69	194.12	-1693.03	-99.67	-1399.24	684.19
329	63	461	13.68	46.14	-84.41	46.14	-84.41	0.08	720.27	-16.06	268.27	435.94	-358.50
		460	8.62	40.71	-19.23	27.44	-5.97	-24.88	-108.76	-537.46	-182.74	-463.48	161.99
		427	13.52	-28.45	-106.58	-34.14	-100.89	20.31	636.47	26.66	33.63	629.51	64.80
		436	32.01	47.12	-89.02	-54.69	12.80	-59.12	155.39	-1727.85	-99.86	-1472.60	644.63
329	95	461	13.72	48.06	-84.37	48.06	-84.37	0.33	720.03	-22.22	267.49	430.32	-362.09
		460	8.58	41.98	-18.58	29.32	-5.93	-24.62	-112.07	-537.46	-183.22	-466.30	158.76
		427	13.50	-26.73	-106.56	-32.44	-100.85	20.58	633.46	28.00	34.54	626.92	62.57
		436	31.97	47.38	-87.46	-52.92	12.84	-58.86	152.61	-1730.64	-99.89	-1478.14	641.69
330	12	452	66.67	59.34	-39.45	58.05	-38.17	11.20	3868.52	-900.53	1509.89	1458.09	-2384.38
		461	35.42	37.55	-105.22	1.74	-69.41	-61.89	-1361.04	-2596.48	-1487.67	-2469.85	374.71
		436	83.13	21.87	-249.69	-14.66	-213.16	92.66	4946.07	558.21	897.60	4606.68	-1172.17
		30	238.51	175.82	-190.73	-111.30	96.39	-151.01	-1262.07	-1.562e+04	-3953.83	-1.293e+04	5603.94
330	44	452	66.99	73.55	-28.36	71.45	-26.26	14.48	4150.76	-443.97	1647.24	2059.56	-2288.10
		461	36.68	43.48	-91.33	9.66	-57.51	-58.44	-1307.92	-2754.20	-1489.89	-2572.23	479.66
		436	83.72	49.48	-237.62	13.11	-201.24	95.50	4977.74	558.95	1014.19	4522.50	-1343.26
		30	229.11	189.98	-161.00	-79.33	108.31	-148.30	-1126.88	-1.493e+04	-3757.05	-1.230e+04	5421.31
330	76	452	67.06	74.65	-27.51	72.48	-25.34	14.73	4173.30	-410.21	1657.71	2105.38	-2280.80
		461	36.78	43.94	-90.26	10.27	-56.59	-58.18	-1303.78	-2766.36	-1490.06	-2580.07	487.60
		436	83.79	51.60	-236.69	15.23	-200.32	95.71	4980.86	557.71	1022.49	4516.08	-1356.38
		30	228.39	191.08	-158.74	-76.89	109.23	-148.10	-1116.89	-1.488e+04	-3742.50	-1.225e+04	5407.44
331	7	462	137.45	258.34	31.52	80.48	209.38	-93.31	-1226.87	-8940.02	-1759.30	-8407.60	1955.30
		18	260.78	11.34	-397.70	-22.77	-363.59	113.08	1.601e+04	-57.92	1356.35	1.460e+04	-4552.66
		451	131.35	-137.29	-278.88	-137.69	-278.48	7.54	8074.97	-21.36	670.33	7383.28	-2263.12
		453	56.80	107.99	-81.05	-67.03	93.96	49.54	1861.05	-1907.53	1193.43	-1239.91	-1438.84
331	39	462	138.52	262.84	36.58	84.78	214.64	-92.64	-1059.15	-8929.36	-1671.08	-8317.44	2107.49
		18	251.22	15.75	-392.95	-18.87	-358.34	113.79	1.535e+04	-122.86	1247.50	1.398e+04	-4396.04
		451	123.45	-132.57	-273.69	-133.05	-273.21	8.18	7507.10	-136.54	577.04	6793.52	-2223.77
		453	55.20	113.59	-75.38	-61.02	99.23	50.06	1877.57	-1766.96	1266.44	-1125.84	-1387.64
331	71	462	138.60	263.17	36.96	85.10	215.03	-92.59	-1046.49	-8928.77	-1664.73	-8310.54	2119.16
		18	250.49	16.08	-392.60	-18.57	-357.95	113.85	1.530e+04	-127.76	1239.24	1.393e+04	-4384.04
		451	122.85	-132.21	-273.31	-132.69	-272.83	8.23	7463.74	-145.52	569.88	6748.34	-2220.79
		453	55.08	114.00	-74.94	-60.56	99.63	50.10	1878.86	-1756.23	1239.72	-1117.09	-1383.77
332	6	463	20.32	36.48	10.63	22.61	24.50	-12.89	-77.11	-1307.01	-192.14	-1191.98	358.11
		462	41.77	37.58	-60.55	22.24	-45.22	35.64	2597.35	151.78	648.32	2100.80	-983.76
		453	9.29	36.82	-19.87	3.61	13.33	-27.93	151.50	-414.86	-374.27	110.91	-146.09
		454	20.37	26.64	-37.00	-1.16	-9.19	31.57	1043.46	-235.54	366.97	440.96	-638.43
332	38	463	20.23	37.26	4.77	18.14	23.89	-15.99	-56.98	-1280.25	-170.99	-1166.24	355.62
		462	40.29	30.35	-59.84	16.35	-45.84	32.66	2501.06	125.83	630.66	1996.22	-971.72
		453	9.41	38.46	-25.04	0.69	12.73	-31.17	82.70	-439.25	-373.88	17.33	-172.75
		454	20.80	21.88	-35.00	-3.33	-9.79	28.25	1093.60	-230.12	389.44	474.04	-660.51
332	70	463	20.22	37.32	4.32	17.80	23.84	-16.22	-55.52	-1278.22	-169.47	-1164.27	355.45
		462	40.18	29.80	-59.79	15.90	-45.89	32.44	2493.75	123.81	629.35	1988.21	-970.83
		453	9.43	38.58	-25.43	0.47	12.69	-31.42	77.72	-441.43	-373.85	10.14	-174.68
		454	20.83	21.52	-34.85	-3.49	-9.83	28.00	1097.45	-229.71	391.17	476.57	-662.21
333	12	464	4.18	12.40	-1.61	10.63	0.15	-4.65	140.94	-137.27	136.22	-132.56	-35.93
		463	6.99	4.69	-8.19	2.12	-5.62	5.15	452.09	31.92	234.77	249.24	-209.96
		454	7.65	3.93	-7.74	-7.27	3.46	-2.28	366.00	-207.83	136.53	21.65	-281.11
		455	7.52	7.54	-9.63	1.37	-3.46	8.23	411.49	-77.64	168.01	165.85	-244.56

333	48	464	3.68	17.24	-0.33	16.34	0.57	-3.87	88.71	-138.05	87.72	-137.06	-14.94
		463	6.22	9.99	-7.53	7.66	-5.21	5.94	391.84	18.94	183.36	227.42	-185.14
		454	6.98	4.18	-2.70	-2.39	3.87	-1.42	308.89	-218.90	87.79	2.20	-260.40
		455	7.05	11.95	-8.54	6.45	-3.04	9.07	370.98	-84.09	121.39	165.50	-226.46
333	80	464	3.65	17.73	-0.27	16.87	0.59	-3.83	84.98	-138.20	84.18	-137.39	-13.38
		463	6.17	10.47	-7.47	8.18	-5.19	5.98	387.40	17.97	179.59	225.77	-183.27
		454	6.93	4.20	-2.24	-1.93	3.89	-1.38	304.69	-219.70	84.26	0.73	-258.85
		455	7.02	12.34	-8.43	6.93	-3.02	9.12	368.15	-84.62	118.03	165.49	-225.14
334	6	465	3.00	53.82	-1.17	53.25	-0.60	5.57	0.52	-52.82	-20.35	-31.96	-26.03
		464	2.98	42.07	-2.91	40.24	-1.08	8.89	67.67	-45.04	11.08	11.55	-56.36
		455	5.55	35.80	-4.24	31.21	0.34	12.75	200.47	-123.00	26.15	51.32	-161.24
		456	4.22	45.37	-4.71	40.52	0.15	14.81	108.72	-59.61	-4.92	54.03	-78.84
334	38	465	2.60	45.07	-0.81	44.94	-0.68	2.37	16.00	-34.98	6.88	-25.86	-19.54
		464	2.26	32.64	-2.13	31.68	-1.17	5.71	77.59	-27.90	38.15	11.54	-51.04
		455	5.02	25.19	-3.51	21.42	0.25	9.69	202.85	-110.31	41.20	51.34	-156.50
		456	3.53	34.92	-3.89	30.98	0.05	11.72	112.15	-41.69	10.48	59.98	-72.83
334	70	465	2.60	44.40	-0.79	44.30	-0.69	2.13	17.29	-33.88	8.80	-25.39	-19.03
		464	2.26	31.92	-2.08	31.02	-1.17	5.47	78.39	-26.80	40.06	11.53	-50.63
		455	4.98	24.38	-3.46	20.68	0.24	9.45	202.99	-109.41	42.25	51.33	-156.14
		456	3.48	34.12	-3.83	30.25	0.05	11.49	112.38	-40.39	11.56	60.43	-72.37
335	6	466	5.22	90.55	-1.11	90.03	-0.59	6.88	-1.02	-62.24	-44.68	-18.59	-27.69
		465	4.33	74.57	-2.08	73.53	-1.03	8.89	19.06	-58.69	-24.04	-15.60	-38.65
		456	4.97	58.31	-4.62	53.74	-0.06	16.33	98.30	-82.26	-25.92	41.97	-83.65
		457	4.63	66.50	-4.08	61.61	0.81	17.92	40.01	-57.03	-48.49	31.46	-27.50
335	38	466	3.82	72.35	-0.84	72.16	-0.66	3.65	-0.50	-26.04	-15.11	-11.43	-12.64
		465	2.94	55.50	-1.68	54.92	-1.10	5.72	25.90	-30.86	5.10	-10.06	-27.35
		456	3.79	41.41	-4.15	37.37	-0.11	12.95	99.86	-52.98	0.55	46.33	-72.91
		457	3.31	50.04	-3.50	45.78	0.77	14.50	40.28	-24.01	-21.28	37.55	-12.97
335	70	466	3.72	70.96	-0.82	70.80	-0.66	3.40	-0.42	-23.48	-13.02	-10.88	-11.48
		465	2.90	54.04	-1.65	53.50	-1.11	5.48	26.54	-29.01	7.17	-9.64	-26.47
		456	3.70	40.12	-4.12	36.11	-0.11	12.70	99.93	-50.86	2.41	46.66	-72.07
		457	3.22	48.78	-3.46	44.56	0.76	14.24	40.36	-21.72	-19.37	38.01	-11.84
336	6	467	7.27	127.06	-1.72	126.66	-1.32	7.18	1.04	-81.60	-59.19	-21.37	-36.74
		466	6.09	106.05	-2.09	105.38	-1.43	8.47	12.71	-72.98	-42.83	-17.44	-40.92
		457	5.34	78.67	-4.58	74.39	-0.30	18.38	49.62	-59.99	-44.85	34.48	-37.82
		458	5.29	84.65	-4.16	80.05	0.44	19.69	9.57	-60.79	-60.47	9.24	-4.75
336	38	467	5.53	102.10	-1.28	101.90	-1.08	4.52	-5.56	-33.97	-29.71	-9.82	-10.15
		466	4.27	80.18	-1.62	79.75	-1.20	5.89	6.44	-31.72	-14.18	-11.09	-19.02
		457	3.70	56.27	-4.31	52.00	-0.05	15.50	44.33	-24.44	-19.57	39.45	-17.64
		458	3.68	62.78	-3.83	58.25	0.70	16.76	26.31	-40.93	-34.14	19.53	20.26
336	70	467	5.41	100.20	-1.25	100.01	-1.06	4.32	-5.91	-30.63	-27.60	-8.94	-8.11
		466	4.13	78.21	-1.59	77.80	-1.18	5.69	5.98	-28.72	-12.13	-10.61	-17.33
		457	3.58	54.57	-4.30	50.29	-0.03	15.28	44.02	-21.97	-17.79	39.83	-16.09
		458	3.56	61.12	-3.81	56.59	0.72	16.54	28.41	-40.38	-32.28	20.31	22.18
337	6	468	9.23	157.11	-3.77	156.94	-3.60	5.25	25.39	-103.82	-75.29	-3.15	-53.60
		467	7.54	133.99	-1.67	133.65	-1.33	6.79	6.84	-96.41	-55.22	-34.35	-50.56
		458	5.87	93.23	-5.39	89.75	-1.92	18.19	30.67	-53.82	-50.50	27.35	-16.42
		459	5.71	93.50	-4.88	91.32	-2.70	14.48	-27.08	-76.07	-70.96	-32.18	-14.97
337	38	468	7.38	129.85	-2.91	129.72	-2.78	4.18	12.48	-51.47	-47.83	8.83	-14.83
		467	5.64	106.30	-0.83	105.99	-0.51	5.77	-8.38	-43.12	-28.05	-23.45	-17.22
		458	4.04	67.20	-5.37	62.93	-1.10	17.09	40.11	-32.14	-28.18	36.15	16.44
		459	3.88	67.42	-4.45	64.85	-1.88	13.35	-8.31	-61.41	-47.57	-22.15	23.31
337	70	468	7.25	127.78	-2.85	127.65	-2.72	4.11	12.17	-48.24	-45.81	9.74	-11.86
		467	5.50	104.20	-0.76	103.89	-0.45	5.69	-9.57	-39.10	-26.05	-22.62	-14.66
		458	3.91	65.25	-5.40	60.88	-1.03	17.01	42.06	-31.82	-26.59	36.82	18.96
		459	3.75	65.45	-4.43	62.84	-1.81	13.27	-4.67	-62.61	-45.90	-21.38	26.25
338	6	469	10.45	149.85	-13.12	149.61	-12.89	-6.15	107.74	-145.05	-120.08	82.77	-75.42
		468	8.90	151.09	3.82	151.06	3.86	2.32	4.08	-218.70	-104.35	-110.27	-111.35
		459	5.80	95.99	-11.91	95.24	-11.15	8.99	64.41	-3.69	-3.01	63.73	-6.76
		460	7.68	101.52	-14.11	99.58	-12.17	-14.85	-68.36	-330.69	-144.97	-254.07	-119.28
338	38	469	9.07	127.52	-11.54	127.43	-11.45	-3.66	124.69	-82.82	-82.38	124.26	-9.51
		468	7.10	130.03	5.13	129.85	5.31	4.73	-28.66	-142.38	-71.50	-99.54	-55.10
		459	4.26	67.34	-11.70	65.41	-9.77	12.18	90.54	-16.40	1.76	72.39	40.15
		460	5.44	70.86	-12.45	69.22	-10.80	-11.61	-91.97	-246.54	-124.22	-214.29	-62.82
338	70	469	8.98	125.84	-11.43	125.75	-11.34	-3.47	127.54	-79.61	-79.51	127.44	-4.46
		468	6.97	128.45	5.22	128.25	5.42	4.91	-30.94	-136.79	-69.01	-98.72	-50.80
		459	4.15	65.20	-11.73	63.14	-9.67	12.42	93.90	-18.69	2.16	73.05	43.73
		460	5.27	68.53	-12.32	66.90	-10.69	-11.36	-93.60	-240.32	-122.68	-211.24	-58.49
339	6	470	31.35	20.56	-110.91	-5.12	-85.23	-52.12	1724.66	68.79	282.63	1510.82	555.31
		469	16.25	120.79	41.13	120.54	41.39	4.49	-132.11	-1001.81	-339.47	-794.46	-370.59
		460	8.21	101.08	-55.96	94.15	-49.04	-32.25	312.68	234.45	253.64	293.50	33.66
		461	24.69	195.11	-54.15	167.65	-26.69	-78.03	2.54	-1227.58	-635.87	-589.17	-614.62
339	38	470	31.07	18.13	-103.56	-3.60	-81.83	-46.61	1706.69	20.40	276.24	1450.85	604.95
		469	15.64	126.23	43.65	125.07	44.81	9.74	-162.65	-931.35	-341.67	-752.34	-324.90
		460	8.29	58.73	-51.00	53.72	-45.99	-22.90	406.54	172.15	253.19	325.50	111.48
		461	22.07	151.99	-50.38	125.28	-23.66	-68.50	-122.18	-1188.21	-651.87	-658.52	-533.00
339	70	470	31.05	17.94	-103.00	-3.48	-81.57	-46.18	1705.45	16.61	275.79	1446.27	608.71

		469	15.60	126.68	43.81	125.42	45.07	10.14	-164.93	-925.98	-341.81	-749.10	-321.45
		460	8.31	55.50	-50.61	50.64	-45.75	-22.18	413.81	167.35	253.21	327.95	117.43
		461	21.88	148.72	-50.11	122.04	-23.43	-67.77	-131.66	-1185.23	-653.07	-663.82	-526.76
340	2	17	231.29	9.36	-157.59	-75.20	-73.03	-83.46	1.532e+04	788.17	4229.65	1.188e+04	6177.99
		470	113.96	71.88	-57.19	-3.65	18.34	63.59	-442.73	-7503.25	-2093.09	-5852.89	-2988.09
		461	48.31	100.96	-99.65	31.57	-30.26	-95.42	3181.41	1036.44	1707.70	2510.15	994.61
		452	69.82	81.16	5.26	71.93	14.49	-24.80	-713.19	-4906.81	-2257.52	-3362.48	-2022.72
340	34	17	240.63	5.14	-155.13	-63.96	-86.03	-79.37	1.590e+04	722.21	4214.30	1.241e+04	6388.17
		470	109.75	79.54	-54.38	19.72	5.45	66.58	-800.84	-7413.83	-2240.64	-5974.03	-2729.17
		461	47.55	79.52	-107.63	15.38	-43.49	-88.82	3120.31	1017.37	1671.33	2466.35	973.44
		452	66.45	50.34	-4.82	44.35	1.16	-17.16	-377.61	-4550.61	-2164.96	-2763.25	-2064.94
340	66	17	241.34	4.90	-155.01	-63.10	-87.01	-79.06	1.595e+04	717.28	4213.35	1.245e+04	6404.28
		470	109.44	80.34	-54.35	21.52	4.47	66.80	-827.97	-7407.20	-2251.84	-5983.33	-2709.34
		461	47.49	77.88	-108.23	14.14	-44.49	-88.32	3115.64	1015.89	1668.55	2462.99	971.83
		452	66.23	47.98	-5.59	42.24	0.15	-16.57	-350.49	-4524.53	-2157.84	-2717.18	-2068.20
341	7	493	20.35	-0.40	-206.90	-2.87	-204.42	-22.48	-124.68	-740.90	-128.01	-737.57	45.14
		494	20.27	-9.24	-196.54	-11.20	-194.58	-19.05	-19.82	-727.72	-20.06	-727.48	13.17
		21	22.65	-37.31	-207.45	-44.05	-200.70	-33.19	-157.22	-948.70	-159.66	-946.26	-43.92
		492	21.45	-28.30	-196.03	-30.73	-193.60	-20.05	-191.94	-909.96	-193.62	-908.28	34.67
341	39	493	13.69	-3.55	-139.15	-4.29	-138.41	-9.99	-97.92	-510.74	-104.11	-504.54	50.18
		494	14.17	-2.80	-128.90	-3.14	-128.57	-6.49	0.89	-524.12	-1.31	-521.93	33.86
		21	16.66	-22.55	-138.46	-26.31	-134.69	-20.55	-116.40	-737.81	-117.95	-736.26	-30.95
		492	15.06	-21.68	-128.12	-22.21	-127.59	-7.48	-144.16	-672.58	-146.06	-670.68	31.56
341	71	493	13.19	-3.76	-134.01	-4.39	-133.38	-9.04	-95.74	-493.25	-102.28	-486.70	50.57
		494	13.72	-2.27	-123.79	-2.52	-123.53	-5.53	2.59	-508.67	0.12	-506.20	35.45
		21	16.20	-21.41	-133.20	-24.96	-129.66	-19.58	-113.28	-721.67	-114.76	-720.20	-29.96
		492	14.58	-21.14	-122.97	-21.56	-122.55	-6.52	-140.50	-654.41	-142.41	-652.50	31.33
342	7	496	16.11	-14.80	-137.83	-17.79	-134.85	-18.92	-150.15	-716.90	-152.81	-714.24	38.74
		493	16.74	-18.15	-142.97	-21.11	-140.01	-19.00	-152.10	-750.47	-157.05	-745.52	54.23
		492	18.52	-24.51	-141.64	-29.60	-136.56	-23.87	-176.31	-889.68	-176.83	-889.17	19.20
		495	17.05	-19.85	-134.71	-22.40	-132.16	-16.92	-157.98	-792.27	-158.18	-792.08	11.08
342	39	496	11.10	-12.96	-100.80	-13.28	-100.49	-5.23	-98.48	-470.56	-102.79	-466.25	39.79
		493	11.96	-12.50	-105.95	-12.80	-105.65	-5.27	-101.55	-515.17	-109.04	-507.68	55.15
		492	13.64	-19.86	-103.45	-21.11	-102.20	-10.14	-128.75	-651.99	-129.25	-651.50	16.11
		495	12.00	-17.57	-97.94	-17.70	-97.81	-3.22	-108.37	-544.46	-108.60	-544.22	10.08
342	71	496	10.72	-12.73	-98.07	-12.93	-97.87	-4.18	-94.45	-451.77	-98.96	-447.27	39.87
		493	11.61	-11.97	-103.23	-12.17	-103.03	-4.22	-97.58	-497.25	-105.37	-489.47	55.22
		492	13.27	-19.43	-100.61	-20.46	-99.58	-9.09	-125.11	-633.80	-125.60	-633.30	15.88
		495	11.61	-17.29	-95.25	-17.35	-95.19	-2.18	-104.57	-525.48	-104.81	-525.25	10.00
343	7	498	13.73	-11.91	-98.15	-16.51	-93.55	-19.38	-146.39	-685.15	-147.12	-684.42	19.81
		496	14.44	-16.67	-105.95	-20.04	-102.58	-17.02	-150.03	-713.56	-152.78	-710.81	39.27
		495	15.54	-17.24	-105.39	-22.11	-100.52	-20.14	-157.88	-792.72	-158.07	-792.52	11.05
		497	14.51	-12.01	-96.66	-15.48	-93.19	-16.79	-146.50	-736.71	-146.57	-736.64	6.22
343	39	498	9.34	-13.37	-76.08	-13.72	-75.74	-4.65	-93.94	-429.99	-95.20	-428.73	20.60
		496	10.27	-14.34	-84.83	-14.41	-84.76	-2.27	-98.09	-467.07	-102.41	-462.76	39.68
		495	11.27	-16.99	-83.15	-17.43	-82.71	-5.39	-108.27	-544.89	-108.50	-544.66	10.04
		497	10.10	-13.61	-75.44	-13.68	-75.37	-2.07	-95.39	-481.22	-95.47	-481.14	5.56
343	71	498	9.01	-13.30	-74.58	-13.51	-74.38	-3.52	-89.89	-410.49	-91.23	-409.15	20.66
		496	9.96	-13.96	-83.42	-13.98	-83.40	-1.15	-94.04	-448.27	-98.55	-443.76	39.71
		495	10.94	-16.80	-81.63	-17.08	-81.35	-4.27	-104.46	-525.91	-104.70	-525.68	9.96
		497	9.76	-13.52	-74.03	-13.54	-74.02	-0.94	-91.48	-461.66	-91.56	-461.58	5.50
344	7	500	12.38	-3.39	-68.15	-11.98	-59.56	-21.97	-150.10	-693.99	-150.12	-693.97	-3.60
		498	12.49	-10.82	-73.87	-16.25	-68.44	-17.69	-147.13	-684.14	-147.73	-683.54	17.99
		497	13.31	-8.61	-74.78	-15.30	-68.10	-19.95	-146.54	-736.56	-146.60	-736.50	6.38
		499	13.05	-3.01	-66.45	-9.27	-60.18	-18.93	-146.75	-738.09	-146.75	-738.08	1.67
344	39	500	8.32	-10.81	-55.65	-11.68	-54.77	-6.21	-95.26	-425.30	-95.27	-425.29	-1.35
		498	8.74	-13.58	-63.72	-13.65	-63.65	-1.92	-94.32	-428.94	-95.48	-427.78	19.67
		497	9.51	-13.17	-63.66	-13.52	-63.31	-4.18	-95.43	-481.10	-95.51	-481.02	5.71
		499	9.02	-9.69	-55.62	-9.91	-55.40	-3.18	-93.09	-469.70	-93.09	-469.70	1.51
344	71	500	8.01	-11.08	-54.99	-11.66	-54.41	-5.01	-91.07	-404.73	-91.07	-404.72	-1.17
		498	8.46	-13.44	-63.30	-13.45	-63.29	-0.71	-90.25	-409.43	-91.48	-408.19	19.80
		497	9.22	-13.20	-63.12	-13.38	-62.95	-2.98	-91.51	-461.54	-91.60	-461.45	5.66
		499	8.72	-9.87	-55.12	-9.96	-55.03	-1.98	-88.98	-449.15	-88.98	-449.15	1.50
345	7	502	11.99	9.73	-44.69	-5.05	-29.91	-24.21	-159.53	-750.78	-161.36	-748.94	-32.91
		500	11.29	-0.30	-47.16	-10.48	-36.98	-19.32	-150.18	-693.93	-150.35	-693.75	-9.74
		499	11.97	2.01	-48.71	-9.15	-37.55	-21.01	-146.66	-737.66	-146.67	-737.66	1.70
		501	12.63	7.86	-42.06	-3.58	-30.62	-20.98	-159.48	-802.46	-159.52	-802.41	-5.14
345	39	502	8.10	-5.72	-38.96	-7.75	-36.93	-7.96	-100.67	-463.53	-102.62	-461.58	-26.54
		500	7.79	-10.73	-44.29	-11.01	-44.01	-3.06	-95.30	-425.06	-95.36	-425.01	-4.30
		499	8.49	-9.15	-45.21	-9.79	-44.57	-4.75	-93.00	-469.30	-93.01	-469.29	1.54
		501	8.85	-5.75	-38.35	-6.46	-37.65	-4.73	-102.15	-515.46	-102.18	-515.43	-3.69
345	71	502	7.81	-6.49	-38.93	-7.95	-37.47	-6.72	-96.15	-441.56	-98.13	-439.58	-26.06
		500	7.52	-10.95	-44.64	-11.05	-44.55	-1.82	-91.10	-404.48	-91.15	-404.43	-3.89
		499	8.23	-9.49	-45.45	-9.84	-45.11	-3.51	-88.90	-448.76	-88.90	-448.75	1.53
		501	8.56	-6.29	-38.57	-6.68	-38.19	-3.49	-97.76	-493.49	-97.79	-493.46	-3.58
346	4	504	12.47	13.43	-22.99	0.43	-9.99	-17.45	-175.01	-852.76	-179.93	-847.84	-57.52
		502	10.02	3.50	-24.30	-5.50	-15.29	-13.01	-156.64	-675.58	-159.20	-673.01	-36.41

		501	10.77	5.07	-25.76	-4.84	-15.85	-14.40	-144.10	-725.84	-144.16	-725.79	-5.47
		503	13.41	10.03	-20.32	0.10	-10.39	-14.23	-185.38	-932.21	-185.52	-932.07	-10.12
346	36	504	8.66	-2.77	-25.89	-4.05	-24.61	-5.29	-111.39	-543.33	-117.03	-537.68	-49.05
		502	7.17	-7.93	-29.94	-7.97	-29.90	-0.83	-99.06	-428.73	-101.51	-426.27	-28.35
		501	7.98	-6.79	-30.67	-7.00	-30.47	-2.22	-94.88	-479.38	-94.92	-479.34	-3.79
		503	9.73	-3.87	-25.21	-4.07	-25.01	-2.07	-123.48	-622.38	-123.61	-622.25	-8.15
346	68	504	8.37	-3.54	-26.59	-4.40	-25.74	-4.35	-106.47	-519.70	-112.22	-513.95	-48.40
		502	6.96	-8.15	-31.04	-8.16	-31.03	0.11	-94.64	-409.76	-97.10	-407.30	-27.74
		501	7.77	-7.10	-31.66	-7.17	-31.60	-1.28	-91.09	-460.42	-91.13	-460.38	-3.66
		503	9.45	-4.34	-26.20	-4.40	-26.14	-1.13	-118.74	-598.67	-118.88	-598.54	-8.00
347	7	506	15.08	48.71	-3.53	12.07	33.11	-23.91	-205.17	-1006.50	-213.86	-997.82	-82.97
		504	13.11	39.53	-7.87	2.84	28.83	-19.82	-183.20	-864.90	-188.47	-859.63	-59.72
		503	14.38	41.21	-9.15	2.69	29.37	-21.35	-186.98	-938.24	-187.12	-938.09	-10.44
		505	17.20	44.17	-1.98	10.38	31.81	-20.43	-226.56	-1146.13	-226.97	-1145.72	-19.54
347	36	506	9.63	2.81	-11.94	0.66	-9.79	-5.20	-130.00	-657.71	-139.45	-648.26	-69.99
		504	8.14	-4.11	-14.19	-4.22	-14.07	-1.08	-114.63	-547.83	-120.52	-541.94	-50.17
		503	9.15	-3.40	-14.20	-4.07	-13.53	-2.61	-123.73	-621.64	-123.87	-621.49	-8.40
		505	11.51	-0.49	-11.37	-0.77	-11.09	-1.72	-157.10	-797.61	-157.42	-797.29	-14.30
347	68	506	9.34	1.50	-13.22	0.11	-11.83	-4.30	-124.32	-631.71	-133.90	-622.13	-69.04
		504	7.89	-4.56	-16.12	-4.56	-16.11	-0.17	-109.45	-524.14	-115.44	-518.15	-49.47
		503	8.92	-4.14	-15.82	-4.40	-15.57	-1.70	-118.99	-597.93	-119.13	-597.79	-8.25
		505	11.24	-1.25	-13.18	-1.30	-13.13	-0.82	-151.91	-771.56	-152.22	-771.25	-13.91
348	7	507	19.97	106.76	11.00	20.90	96.85	-29.16	-60.66	-1062.60	-61.02	-1062.24	-18.89
		506	18.57	97.45	-10.23	-7.43	94.64	-17.16	-166.31	-995.53	-172.25	-989.60	-69.92
		505	20.93	107.41	5.19	9.98	102.62	-21.60	-243.71	-1172.49	-245.46	-1170.74	-40.26
		39	21.80	86.63	23.24	28.98	80.89	-18.19	-228.17	-1307.70	-231.78	-1304.10	62.30
348	56	507	10.70	0.52	-44.25	0.43	-44.16	2.02	-0.53	-568.15	-4.56	-564.12	-47.63
		506	8.80	-2.89	-51.01	-7.53	-46.37	14.20	-104.39	-499.03	-114.69	-488.73	-62.91
		505	10.77	-5.95	-41.23	-8.79	-38.39	9.60	-141.56	-663.19	-143.70	-661.05	-33.38
		39	14.02	-7.55	-63.26	-10.68	-60.12	12.83	-128.14	-798.50	-129.76	-796.88	32.89
348	88	507	10.48	0.62	-43.38	0.55	-43.30	1.84	1.13	-555.35	-3.02	-551.20	-47.89
		506	8.58	-2.92	-50.13	-7.54	-45.52	14.02	-102.80	-486.85	-113.26	-476.39	-62.50
		505	10.56	-5.87	-40.34	-8.68	-37.54	9.42	-139.04	-650.64	-141.20	-648.49	-33.11
		39	13.81	-7.36	-62.36	-10.45	-59.27	12.65	-125.50	-785.36	-127.13	-783.74	32.71
349	7	508	16.33	-0.89	-183.29	-0.97	-183.21	-3.82	-60.80	-524.94	-77.10	-508.64	85.43
		509	16.93	-7.25	-181.39	-7.68	-180.95	-8.66	-24.61	-561.93	-34.46	-552.09	72.07
		494	18.86	-6.94	-175.40	-7.47	-174.87	-9.43	-41.10	-709.74	-43.52	-707.33	40.10
		493	17.90	-1.95	-181.37	-2.26	-181.06	-7.52	-93.40	-643.45	-98.74	-638.10	53.95
349	39	508	11.09	-1.55	-127.34	-1.61	-127.28	2.79	-36.53	-354.44	-63.33	-327.64	88.33
		509	11.55	-3.47	-125.05	-3.50	-125.02	-1.93	-2.39	-374.12	-18.15	-358.35	74.92
		494	13.40	-3.49	-119.00	-3.56	-118.94	-2.70	-23.35	-517.80	-27.66	-513.49	45.95
		493	12.54	-3.16	-125.13	-3.17	-125.13	-0.91	-75.97	-466.43	-85.42	-456.98	60.00
349	71	508	10.70	-1.57	-123.11	-1.66	-123.02	3.29	-34.23	-341.82	-62.28	-313.77	88.56
		509	11.14	-3.16	-120.77	-3.18	-120.76	-1.41	-0.45	-359.96	-16.90	-343.51	75.13
		494	12.98	-3.21	-114.72	-3.26	-114.67	-2.19	-21.93	-503.15	-26.45	-498.63	46.40
		493	12.14	-3.24	-120.86	-3.24	-120.86	-0.41	-74.48	-453.02	-84.40	-443.10	60.47
350	7	510	13.41	-7.23	-136.93	-9.25	-134.91	-16.06	-112.88	-521.39	-123.03	-511.25	63.57
		508	13.84	-10.62	-144.58	-12.60	-142.61	-16.16	-98.63	-526.29	-111.26	-513.66	72.40
		493	15.29	-18.12	-142.80	-21.51	-139.41	-20.28	-133.79	-649.75	-139.75	-643.79	55.12
		496	14.61	-13.85	-136.21	-16.70	-133.36	-18.46	-129.58	-614.85	-134.35	-610.09	47.85
350	39	510	9.13	-8.42	-100.03	-8.45	-100.00	-1.70	-71.87	-333.96	-89.01	-316.82	64.80
		508	9.81	-7.25	-107.72	-7.28	-107.70	-1.69	-57.60	-350.49	-79.08	-329.01	76.37
		493	11.21	-12.70	-104.85	-13.06	-104.49	-5.73	-93.26	-467.16	-102.23	-458.18	57.22
		496	10.31	-12.51	-98.64	-12.69	-98.45	-4.02	-88.01	-421.52	-94.85	-414.68	47.28
350	71	510	8.82	-8.39	-97.34	-8.39	-97.34	-0.61	-68.37	-319.95	-86.40	-301.92	64.90
		508	9.52	-6.87	-105.04	-6.87	-105.03	-0.59	-54.07	-337.40	-76.62	-314.86	76.67
		493	10.91	-12.18	-102.07	-12.42	-101.83	-4.62	-90.05	-453.26	-99.36	-443.96	57.38
		496	9.99	-12.29	-95.89	-12.39	-95.79	-2.92	-84.74	-406.79	-91.83	-399.70	47.23
351	7	511	11.13	-10.09	-95.30	-14.89	-90.49	-19.65	-134.98	-517.10	-137.98	-514.10	33.72
		510	11.59	-13.59	-104.33	-16.73	-101.19	-16.58	-125.10	-523.35	-135.32	-513.14	62.96
		496	12.90	-14.48	-104.23	-18.89	-99.82	-19.40	-129.64	-612.89	-134.25	-608.28	46.97
		498	12.28	-10.18	-96.19	-15.45	-90.91	-20.64	-127.53	-588.99	-128.99	-587.53	25.95
351	39	511	7.47	-12.92	-73.16	-13.13	-72.95	-3.52	-88.59	-313.43	-94.23	-307.80	35.15
		510	8.28	-12.14	-83.65	-12.15	-83.65	-0.37	-76.85	-334.07	-93.68	-317.23	63.62
		496	9.48	-13.68	-82.42	-13.83	-82.27	-3.19	-87.91	-419.28	-94.37	-412.83	45.79
		498	8.59	-12.86	-73.70	-13.20	-73.36	-4.50	-84.85	-383.88	-87.03	-381.70	25.42
351	71	511	7.21	-12.90	-71.70	-12.99	-71.61	-2.29	-84.87	-297.99	-90.87	-291.99	35.26
		510	8.05	-11.79	-82.32	-11.80	-82.31	0.86	-72.82	-319.89	-90.50	-302.22	63.67
		496	9.22	-13.39	-80.99	-13.44	-80.94	-1.95	-84.64	-404.52	-91.31	-397.85	45.69
		498	8.31	-12.85	-72.21	-13.03	-72.03	-3.27	-81.55	-368.19	-83.82	-365.93	25.37
352	7	512	9.94	-1.65	-67.51	-12.47	-56.69	-24.40	-143.16	-528.86	-143.21	-528.81	-4.36
		511	9.93	-9.32	-72.81	-15.93	-66.20	-19.40	-136.72	-516.41	-139.34	-513.78	31.44
		498	11.09	-7.80	-73.78	-15.10	-66.49	-20.69	-128.21	-588.30	-129.46	-587.04	23.98
		500	10.99	-0.85	-67.96	-10.90	-57.91	-23.95	-130.44	-595.38	-130.44	-595.38	0.24
352	39	512	6.50	-11.32	-52.92	-12.52	-51.72	-6.97	-96.24	-310.82	-96.24	-310.82	-0.81
		511	6.90	-13.66	-61.31	-13.73	-61.23	-1.91	-89.46	-312.52	-94.72	-307.25	33.88
		498	8.00	-12.86	-61.73	-13.08	-61.52	-3.21	-85.19	-383.10	-87.19	-381.10	24.34

352	71	500	7.58	-10.15	-53.94	-11.14	-52.94	-6.53	-85.88	-378.01	-85.89	-378.00	1.64
		512	6.24	-11.72	-52.15	-12.52	-51.34	-5.64	-92.65	-294.12	-92.65	-294.12	-0.53
		511	6.68	-13.56	-60.86	-13.57	-60.85	-0.57	-85.67	-297.06	-91.31	-291.42	34.06
		498	7.78	-12.85	-61.21	-12.92	-61.14	-1.87	-81.86	-367.42	-83.95	-365.32	24.37
353	7	500	7.33	-10.52	-53.21	-11.16	-52.57	-5.20	-82.47	-361.36	-82.48	-361.35	1.75
		513	9.76	13.43	-47.11	-5.67	-28.01	-28.14	-142.71	-577.38	-149.63	-570.46	-54.40
		512	8.91	2.47	-48.94	-11.67	-34.80	-22.95	-143.32	-528.80	-143.47	-528.65	-7.67
		500	9.94	3.84	-48.92	-9.29	-35.78	-22.81	-130.68	-595.17	-130.68	-595.16	-1.68
353	39	502	10.66	12.87	-46.03	-4.10	-29.06	-26.68	-137.21	-647.68	-139.29	-645.60	-32.53
		513	6.37	-5.08	-37.91	-8.50	-34.49	-10.03	-91.88	-344.34	-99.63	-336.60	-43.53
		512	5.99	-11.44	-42.05	-12.21	-41.28	-4.79	-96.37	-310.59	-96.40	-310.56	-2.56
		500	7.06	-9.74	-42.93	-10.41	-42.26	-4.66	-85.98	-377.72	-85.98	-377.71	0.63
353	71	502	7.39	-4.85	-37.94	-7.25	-35.54	-8.58	-89.63	-414.49	-91.67	-412.45	-25.66
		513	6.11	-6.12	-37.58	-8.72	-34.98	-8.65	-87.90	-326.59	-95.80	-318.69	-42.70
		512	5.77	-11.86	-42.16	-12.25	-41.78	-3.40	-92.77	-293.88	-92.79	-293.85	-2.16
		500	6.85	-10.17	-43.09	-10.50	-42.76	-3.28	-82.55	-361.06	-82.56	-361.06	0.81
354	4	502	7.14	-5.78	-37.75	-7.49	-36.03	-7.20	-85.98	-396.64	-88.03	-394.60	-25.14
		514	9.98	17.23	-26.33	0.39	-9.49	-21.21	-138.82	-649.62	-157.01	-631.43	-94.65
		513	8.74	7.13	-27.67	-6.52	-14.03	-16.99	-141.74	-574.42	-149.68	-566.47	-58.09
		502	9.70	6.94	-26.44	-4.75	-14.75	-15.92	-134.88	-643.65	-137.37	-641.16	-35.51
354	36	504	10.99	15.48	-24.52	0.89	-9.94	-19.25	-147.82	-736.56	-153.96	-730.41	-59.84
		514	6.78	-1.32	-25.84	-3.93	-23.23	-7.56	-82.25	-403.65	-103.52	-382.37	-79.91
		513	5.88	-8.40	-28.33	-8.96	-27.77	-3.29	-91.19	-343.37	-99.74	-334.82	-45.63
		502	6.94	-7.32	-28.73	-7.56	-28.50	-2.23	-88.39	-412.74	-90.70	-410.42	-27.30
354	68	504	7.90	-2.31	-25.15	-3.78	-23.68	-5.61	-97.50	-488.66	-103.86	-482.30	-49.47
		514	6.54	-2.33	-26.22	-4.26	-24.29	-6.51	-77.69	-385.04	-99.43	-363.31	-78.79
		513	5.66	-8.89	-29.08	-9.14	-28.83	-2.23	-87.23	-325.77	-95.91	-317.08	-44.69
		502	6.73	-7.71	-29.62	-7.77	-29.56	-1.17	-84.82	-395.06	-87.13	-392.75	-26.68
355	7	504	7.66	-3.18	-25.71	-4.14	-24.74	-4.55	-93.62	-469.71	-100.03	-463.30	-48.68
		515	11.19	53.79	-9.13	10.38	34.28	-29.10	-130.54	-726.41	-150.20	-706.75	-106.43
		514	10.19	44.98	-15.96	-1.89	30.91	-25.68	-131.32	-655.08	-150.05	-636.35	-97.26
		504	11.56	45.04	-10.63	3.49	30.92	-24.22	-154.84	-746.26	-161.80	-739.30	-63.79
355	36	506	13.05	52.16	-4.70	13.52	33.93	-26.54	-174.85	-854.80	-182.05	-847.59	-69.61
		515	7.14	5.68	-12.68	1.40	-8.39	-7.76	-73.19	-463.30	-97.77	-438.72	-94.79
		514	6.18	-3.70	-13.97	-5.90	-11.77	-4.22	-78.34	-405.25	-100.51	-383.09	-82.18
		504	7.32	-2.93	-12.68	-3.84	-11.76	-2.85	-99.96	-492.27	-107.02	-485.21	-52.16
355	68	506	8.61	3.44	-11.05	1.15	-8.75	-5.29	-116.05	-586.89	-124.23	-578.71	-61.52
		515	6.93	4.09	-13.55	0.97	-10.42	-6.73	-68.64	-443.87	-93.86	-418.65	-93.94
		514	5.98	-4.95	-14.94	-6.10	-13.80	-3.18	-74.13	-386.77	-96.80	-364.10	-81.08
		504	7.13	-3.86	-14.12	-4.20	-13.79	-1.81	-95.81	-473.26	-102.92	-466.15	-51.31
356	7	506	8.41	1.98	-12.21	0.56	-10.78	-4.26	-111.60	-566.88	-119.91	-558.57	-60.94
		516	15.81	92.37	6.48	12.46	86.39	-21.86	-44.05	-821.38	-54.84	-810.59	-90.96
		515	13.92	80.90	-4.97	-2.69	78.62	-13.81	-76.10	-719.38	-96.40	-699.08	-112.46
		506	15.78	80.24	-6.06	-4.68	78.86	-10.84	-121.04	-844.83	-126.84	-839.02	-64.58
356	39	507	17.90	84.64	6.43	11.81	79.26	-19.79	-69.32	-981.25	-70.95	-979.61	-38.60
		516	8.87	31.92	1.79	6.17	27.54	-10.62	-11.48	-528.72	-24.88	-515.32	-82.18
		515	7.58	20.02	-3.44	-3.19	19.77	-2.43	-46.27	-467.29	-73.67	-439.90	-103.84
		506	9.28	20.01	-5.21	-5.20	20.00	0.55	-95.72	-588.54	-103.99	-580.27	-63.30
356	71	507	10.88	24.29	1.59	5.48	20.40	-8.55	-38.76	-686.93	-40.91	-684.78	-37.23
		516	8.35	27.43	1.31	5.69	23.05	-9.76	-8.86	-506.46	-22.59	-492.72	-81.51
		515	7.12	15.41	-3.35	-3.22	15.28	-1.56	-43.64	-448.35	-71.93	-420.06	-103.19
		506	8.80	15.61	-5.34	-5.24	15.51	1.42	-93.68	-569.03	-102.24	-560.47	-63.21
357	7	507	10.34	19.89	1.02	5.00	15.92	-7.69	-36.40	-664.42	-38.61	-662.22	-37.13
		517	13.08	-1.27	-169.38	-1.45	-169.19	5.58	-21.53	-352.53	-62.82	-311.24	109.37
		518	13.44	-4.78	-172.30	-4.81	-172.27	-2.28	5.94	-363.41	-31.17	-326.30	111.03
		509	14.97	-3.55	-163.64	-3.59	-163.60	-2.51	0.96	-479.00	-22.51	-455.53	103.51
357	39	508	14.47	0.18	-165.50	0.15	-165.46	2.50	-41.69	-449.51	-64.17	-427.02	93.08
		517	8.99	-1.48	-122.07	-2.23	-121.32	9.50	12.45	-234.91	-51.82	-170.63	108.47
		518	9.17	-2.33	-124.42	-2.35	-124.40	1.78	28.28	-228.44	-18.63	-181.53	99.20
		509	10.61	-1.57	-115.74	-1.59	-115.72	1.53	10.25	-337.34	-15.17	-311.92	90.49
357	71	508	10.20	-0.74	-117.94	-1.09	-117.59	6.40	-25.56	-320.63	-58.77	-287.42	93.26
		517	8.69	-1.46	-118.50	-2.29	-117.67	9.80	15.89	-226.72	-50.98	-159.85	108.40
		518	8.85	-2.13	-120.78	-2.17	-120.75	2.09	30.46	-218.55	-17.67	-170.42	98.32
		509	10.28	-1.40	-112.10	-1.43	-112.07	1.83	11.07	-326.59	-14.61	-300.90	89.52
358	7	508	9.88	-0.79	-114.34	-1.19	-113.94	6.70	-23.94	-311.13	-58.36	-276.71	93.27
		519	10.34	-7.61	-128.91	-8.16	-128.35	-8.19	-81.79	-336.22	-104.47	-313.54	72.51
		517	11.03	-9.21	-139.78	-9.79	-139.20	-8.68	-56.09	-346.94	-86.63	-316.40	89.16
		508	12.41	-10.01	-136.44	-11.19	-135.26	-12.18	-80.75	-450.67	-98.36	-433.06	78.77
358	39	510	11.73	-7.79	-129.03	-8.97	-127.85	-11.90	-92.95	-426.42	-105.95	-413.42	64.55
		519	7.05	-8.36	-96.20	-8.59	-95.96	4.53	-38.67	-210.74	-80.65	-168.76	73.90
		517	7.87	-6.31	-106.98	-6.48	-106.80	4.20	-11.95	-224.21	-63.10	-173.07	90.77
		508	9.11	-6.81	-102.86	-6.82	-102.85	0.75	-47.95	-316.33	-74.58	-289.70	80.23
358	71	510	8.30	-8.30	-95.47	-8.31	-95.46	0.86	-61.02	-289.46	-81.88	-268.60	65.79
		519	6.82	-8.27	-93.85	-8.62	-93.49	5.50	-34.39	-202.09	-78.82	-157.66	74.01
		517	7.65	-5.96	-104.60	-6.23	-104.33	5.19	-7.75	-215.62	-61.29	-162.08	90.90
		508	8.87	-6.45	-100.42	-6.48	-100.38	1.73	-45.12	-306.34	-72.75	-278.71	80.35
		510	8.05	-8.22	-93.03	-8.26	-92.99	1.84	-58.25	-279.29	-80.03	-257.50	65.89

359	7	520	8.28	-9.56	-90.61	-14.06	-86.11	-18.57	-123.61	-336.87	-130.55	-329.93	37.83
		519	8.72	-13.37	-100.96	-15.57	-98.76	-13.70	-98.59	-338.86	-120.41	-317.04	69.04
		510	10.10	-12.64	-101.63	-16.14	-98.12	-17.31	-105.70	-428.69	-118.81	-415.58	63.74
		511	9.64	-8.81	-93.03	-14.07	-87.77	-20.38	-115.66	-418.63	-119.87	-414.41	35.48
359	39	520	5.40	-13.76	-68.92	-13.81	-68.87	-1.68	-78.82	-191.60	-96.09	-174.34	40.61
		519	6.28	-12.26	-81.68	-12.42	-81.52	3.31	-46.54	-211.68	-87.78	-170.44	71.48
		510	7.50	-11.95	-80.88	-11.95	-80.88	-0.25	-66.56	-289.86	-87.09	-269.33	64.52
		511	6.69	-12.55	-70.74	-12.76	-70.54	-3.45	-78.95	-266.58	-86.35	-259.18	36.53
359	71	520	5.20	-13.79	-67.56	-13.79	-67.56	-0.39	-74.49	-181.36	-93.45	-162.41	40.82
		519	6.13	-11.87	-80.51	-12.18	-80.20	4.61	-41.60	-202.88	-85.28	-159.21	71.67
		510	7.32	-11.61	-79.58	-11.63	-79.57	1.05	-63.26	-279.52	-84.66	-258.12	64.58
		511	6.48	-12.58	-69.30	-12.66	-69.22	-2.16	-75.96	-255.10	-83.78	-247.28	36.61
360	7	521	7.35	0.47	-66.40	-13.26	-52.67	-27.01	-142.44	-349.08	-142.68	-348.85	-6.95
		520	7.15	-9.33	-70.01	-16.82	-62.52	-19.97	-130.24	-337.23	-136.38	-331.09	35.12
		511	8.49	-6.75	-72.15	-14.95	-63.95	-21.66	-117.54	-417.96	-121.24	-414.26	33.12
		512	8.56	1.18	-67.58	-11.53	-54.87	-26.69	-123.30	-427.80	-123.34	-427.77	-3.35
360	39	521	4.50	-12.06	-49.45	-13.90	-47.62	-8.08	-102.92	-182.42	-102.94	-182.39	-1.45
		520	4.87	-15.27	-57.48	-15.30	-57.46	-0.94	-82.25	-191.27	-98.76	-174.76	39.08
		511	6.12	-13.15	-59.04	-13.30	-58.89	-2.63	-79.96	-265.69	-86.88	-258.76	35.18
		512	5.75	-10.53	-51.35	-12.06	-49.82	-7.75	-86.95	-262.17	-86.95	-262.17	0.17
360	71	521	4.30	-12.68	-48.51	-13.95	-47.23	-6.63	-99.88	-169.65	-99.90	-169.64	-1.03
		520	4.73	-15.17	-57.08	-15.18	-57.08	0.51	-77.66	-181.00	-95.88	-162.78	39.38
		511	5.96	-13.14	-58.54	-13.17	-58.51	-1.17	-76.90	-254.19	-84.25	-246.84	35.34
		512	5.55	-11.07	-50.47	-12.11	-49.44	-6.31	-84.16	-249.48	-84.16	-249.48	0.44
361	7	522	7.47	17.97	-50.51	-6.59	-25.95	-32.85	-132.03	-389.70	-145.45	-376.27	-57.26
		521	6.47	5.26	-50.45	-13.23	-31.96	-26.23	-142.89	-349.52	-143.46	-348.96	-10.80
		512	7.61	6.13	-50.62	-10.62	-33.88	-25.88	-123.33	-427.89	-123.48	-427.74	-6.70
		513	8.43	16.83	-49.22	-4.85	-27.54	-31.02	-121.27	-469.33	-127.31	-463.29	-45.45
361	39	522	4.61	-3.54	-37.68	-9.51	-31.71	-12.97	-82.69	-217.98	-102.92	-197.75	-48.25
		521	4.05	-12.45	-39.27	-14.00	-37.72	-6.26	-103.25	-182.42	-103.41	-182.27	-3.51
		512	5.26	-10.49	-40.84	-11.70	-39.64	-5.92	-87.02	-262.00	-87.03	-261.98	-1.62
		513	5.66	-3.84	-37.52	-8.06	-33.30	-11.15	-81.16	-293.05	-88.49	-285.73	-38.72
361	71	522	4.39	-4.92	-36.96	-9.73	-32.15	-11.45	-78.29	-205.45	-99.66	-184.07	-47.55
		521	3.88	-13.17	-39.05	-14.06	-38.15	-4.74	-100.22	-169.62	-100.34	-169.49	-2.95
		512	5.09	-11.11	-40.75	-11.78	-40.08	-4.40	-84.23	-249.29	-84.24	-249.28	-1.23
		513	5.45	-5.07	-36.98	-8.31	-33.74	-9.63	-78.00	-279.64	-85.52	-272.12	-38.20
362	6	523	8.84	5.50	-89.34	-17.42	-66.42	40.60	322.12	21.71	28.81	315.02	-45.63
		522	8.84	9.12	-96.35	-17.42	-69.80	45.77	308.11	13.00	14.55	306.55	-21.36
		513	7.61	9.89	-98.91	-17.93	-71.09	47.47	217.31	20.84	21.07	217.08	-6.75
		514	7.50	6.03	-92.36	-19.33	-67.00	43.04	212.91	19.07	25.90	206.08	-35.73
362	39	523	5.32	6.12	-27.24	-3.16	-17.96	-14.95	-41.74	-274.37	-92.76	-223.35	-96.26
		522	4.11	-4.07	-27.22	-9.93	-21.36	-10.07	-80.27	-219.06	-101.91	-197.42	-50.35
		513	5.17	-4.14	-26.32	-7.82	-22.64	-8.25	-78.44	-296.71	-88.53	-286.62	-45.83
		514	6.15	4.38	-25.23	-2.32	-18.54	-12.39	-66.94	-353.66	-90.20	-330.39	-78.29
362	71	523	5.10	4.16	-26.99	-3.55	-19.28	-13.44	-37.03	-261.19	-89.46	-208.75	-94.89
		522	3.93	-5.80	-27.01	-10.14	-22.67	-8.55	-75.96	-206.54	-98.75	-183.75	-49.56
		513	5.00	-5.61	-26.43	-8.09	-23.95	-6.74	-75.41	-283.10	-85.56	-272.95	-44.77
		514	5.94	2.52	-25.15	-2.78	-19.85	-10.89	-63.48	-339.42	-87.05	-315.84	-77.14
363	6	524	10.05	-0.12	-105.65	-14.09	-91.68	35.77	334.10	22.87	39.08	317.89	-69.16
		523	10.19	3.49	-111.32	-12.55	-95.28	39.81	318.42	4.06	11.23	311.25	-46.94
		514	8.73	3.45	-113.42	-14.55	-95.42	42.19	210.36	7.32	14.97	202.70	-38.68
		515	8.40	-1.02	-108.46	-17.11	-92.36	38.35	206.63	9.37	26.82	189.19	-56.01
363	36	524	5.54	7.74	-14.27	1.37	-7.90	-9.98	-10.58	-315.42	-65.74	-260.26	-117.36
		523	4.60	-2.02	-15.75	-6.25	-11.52	-6.34	-32.41	-272.43	-84.37	-220.47	-98.85
		514	5.49	-3.70	-13.51	-5.56	-11.66	-3.84	-62.20	-353.16	-86.29	-329.07	-80.18
		515	6.52	5.03	-12.48	1.13	-8.58	-7.28	-57.45	-415.39	-83.82	-389.02	-93.51
363	68	524	5.36	6.09	-14.83	1.03	-9.77	-8.96	-6.38	-301.22	-62.92	-244.68	-116.07
		523	4.44	-3.54	-16.24	-6.39	-13.39	-5.30	-28.37	-259.58	-81.80	-206.14	-97.46
		514	5.34	-4.85	-14.43	-5.76	-13.52	-2.81	-59.11	-339.20	-83.57	-314.74	-79.07
		515	6.35	3.53	-13.25	0.72	-10.44	-6.26	-54.05	-400.24	-80.85	-373.45	-92.52
364	7	525	11.61	80.31	3.99	8.99	75.30	-18.89	0.32	-573.20	-30.01	-542.87	-128.35
		524	10.23	68.61	-4.27	-1.68	66.01	-13.51	-8.12	-511.00	-57.15	-461.97	-149.18
		515	11.89	66.81	-5.57	-3.97	65.21	-10.65	-42.61	-612.37	-66.09	-588.89	-113.25
		516	13.52	76.95	2.68	7.56	72.07	-18.40	-15.04	-697.40	-27.92	-684.52	-92.86
364	39	525	6.12	28.21	0.89	4.46	24.65	-9.20	24.97	-349.61	-10.19	-314.45	-109.25
		524	5.44	16.09	-2.96	-2.24	15.36	-3.64	19.84	-324.08	-42.96	-261.29	-132.87
		515	6.78	14.59	-3.76	-3.73	14.56	-0.75	-28.10	-418.98	-57.48	-389.60	-103.05
		516	7.87	24.98	0.30	3.86	21.42	-8.67	1.86	-471.46	-12.08	-457.52	-80.02
364	71	525	5.72	24.32	0.57	4.11	20.78	-8.46	27.17	-332.80	-8.68	-296.96	-107.79
		524	5.13	12.08	-2.87	-2.28	11.50	-2.89	22.64	-310.43	-41.87	-245.92	-131.63
		515	6.42	10.70	-3.71	-3.71	10.70	2.91e-03	-26.72	-404.43	-56.81	-374.34	-102.28
		516	7.44	21.14	-1.67e-03	3.58	17.55	-7.93	3.23	-454.23	-10.87	-440.14	-79.04
365	7	526	10.10	-2.27	-160.76	-3.45	-159.57	13.67	37.59	-204.16	-56.42	-110.15	117.85
		527	10.19	-3.52	-167.92	-3.56	-167.88	2.51	48.22	-184.52	-28.73	-107.57	109.49
		518	11.56	-1.99	-156.97	-2.02	-156.95	1.87	36.10	-274.47	-9.34	-229.03	109.76
		517	11.34	0.32	-154.43	-0.28	-153.83	9.62	12.51	-275.93	-42.44	-220.98	113.27
365	39	526	7.21	-2.04	-120.73	-4.26	-118.51	16.08	86.07	-146.56	-46.94	-13.55	115.11

		527	7.01	-1.62	-127.02	-1.82	-126.82	5.08	84.51	-114.39	-18.94	-10.94	99.37
		518	8.25	-0.75	-116.05	-0.92	-115.88	4.40	44.62	-188.55	-10.00	-133.93	98.76
		517	8.17	-0.46	-114.06	-1.74	-112.78	12.00	32.59	-202.67	-44.21	-125.87	110.32
365	71	526	7.01	-1.99	-117.72	-4.33	-115.38	16.27	90.45	-142.81	-46.22	-6.15	114.90
		527	6.78	-1.46	-123.92	-1.69	-123.69	5.28	88.02	-109.75	-18.19	-3.53	98.62
		518	8.00	-0.65	-112.94	-0.84	-112.75	4.59	45.63	-182.32	-10.05	-126.64	97.94
		517	7.94	-0.50	-111.01	-1.86	-109.65	12.18	34.72	-197.64	-44.34	-118.58	110.09
366	7	528	7.28	-11.17	-118.68	-11.17	-118.68	-0.14	-35.19	-185.39	-95.32	-125.26	73.59
		526	8.19	-9.95	-135.07	-9.96	-135.06	-0.50	4.60	-191.17	-71.16	-115.41	95.35
		517	9.44	-7.92	-129.86	-8.11	-129.67	-4.81	-29.18	-270.36	-72.66	-226.88	92.71
		519	8.70	-7.64	-119.27	-7.81	-119.10	-4.44	-57.55	-254.90	-89.40	-223.05	72.60
366	39	528	5.17	-10.59	-91.45	-12.13	-89.91	11.07	27.64	-130.88	-77.54	-25.70	74.90
		526	6.12	-6.67	-107.47	-7.86	-106.28	10.89	61.75	-132.27	-53.67	-16.86	95.25
		517	7.13	-5.33	-101.34	-5.78	-100.89	6.60	5.37	-192.54	-58.22	-128.95	92.42
		519	6.28	-7.99	-90.88	-8.55	-90.33	6.77	-21.74	-177.16	-74.76	-124.14	73.68
366	71	528	5.05	-10.37	-89.55	-12.21	-87.71	11.92	33.31	-127.56	-76.18	-18.07	75.00
		526	5.99	-6.28	-105.50	-7.70	-104.09	11.76	66.82	-128.46	-52.33	-9.31	95.24
		517	6.97	-5.01	-99.29	-5.61	-98.69	7.47	8.55	-187.11	-57.12	-121.45	92.39
		519	6.12	-7.88	-88.86	-8.61	-88.13	7.63	-18.27	-171.92	-73.64	-116.56	73.77
367	6	529	6.75	30.09	-66.31	-18.83	-17.38	48.19	270.43	-34.27	-25.20	261.36	51.78
		528	7.47	36.13	-78.61	-9.95	-32.52	56.25	280.82	-35.19	-12.85	258.48	80.99
		519	6.62	35.15	-72.94	-4.99	-32.80	52.22	188.27	-45.26	-15.84	158.85	77.49
		520	5.74	29.40	-64.00	-13.96	-20.64	46.58	184.77	-30.86	-19.37	173.28	48.42
367	39	529	3.44	-16.91	-62.28	-16.92	-62.27	0.60	-20.97	-120.05	-100.21	-40.81	39.65
		528	4.52	-14.41	-78.50	-15.48	-77.44	8.20	20.61	-132.97	-84.51	-27.85	71.38
		519	5.56	-11.85	-77.97	-12.10	-77.72	4.08	-29.44	-178.36	-81.87	-125.93	71.13
		520	4.62	-13.62	-65.56	-13.64	-65.53	-1.11	-63.82	-152.10	-88.63	-127.29	39.68
367	71	529	3.34	-16.89	-61.14	-16.97	-61.05	1.89	-13.70	-117.10	-98.18	-32.62	39.98
		528	4.46	-13.88	-77.67	-15.33	-76.22	9.51	26.83	-129.48	-82.57	-20.09	71.64
		519	5.47	-11.47	-76.95	-11.91	-76.50	5.38	-25.34	-172.95	-80.08	-118.20	71.30
		520	4.49	-13.65	-64.32	-13.65	-64.32	0.18	-59.86	-146.02	-86.75	-119.14	39.92
368	6	530	6.34	23.20	-71.15	-19.78	-28.16	46.99	276.60	-20.73	-19.56	275.43	18.61
		529	6.93	30.79	-85.24	-16.47	-37.98	57.01	273.41	-27.04	-16.74	263.11	54.66
		520	6.23	30.72	-83.83	-12.21	-40.90	55.45	187.58	-25.87	-13.26	174.97	50.33
		521	5.61	24.30	-72.49	-16.59	-31.60	47.81	191.46	-12.14	-11.15	190.48	14.14
368	38	530	4.48	2.11	-53.73	-18.48	-33.14	26.94	160.10	-52.81	-52.23	159.52	11.09
		529	4.81	8.93	-69.11	-17.22	-42.96	36.83	166.22	-58.82	-47.72	155.12	48.74
		520	4.44	9.32	-68.40	-13.19	-45.89	35.26	84.71	-57.74	-40.88	67.85	46.02
		521	3.62	3.64	-55.72	-15.50	-36.58	27.75	76.06	-40.97	-40.38	75.47	8.30
368	70	530	4.34	0.56	-52.46	-18.38	-33.52	25.41	151.17	-55.27	-54.73	150.63	10.51
		529	4.68	7.32	-67.93	-17.27	-43.34	35.29	158.04	-61.29	-50.09	146.84	48.28
		520	4.33	7.77	-67.31	-13.27	-46.27	33.72	77.03	-60.39	-43.00	59.64	45.69
		521	3.47	2.15	-54.53	-15.42	-36.96	26.22	67.21	-43.18	-42.62	66.65	7.85
369	6	531	7.20	14.23	-76.02	-19.49	-42.31	43.66	270.97	-12.02	-10.81	269.76	-18.47
		530	7.34	20.91	-87.43	-19.55	-46.97	52.41	278.01	-20.48	-18.87	276.40	21.86
		521	6.55	22.05	-89.31	-17.17	-50.10	53.19	192.83	-12.31	-10.87	191.39	17.12
		522	6.39	16.51	-79.41	-18.27	-44.63	46.11	178.43	-5.72	-3.30	176.01	-20.97
369	38	531	4.99	-2.21	-51.53	-16.40	-37.34	22.32	163.00	-50.30	-45.86	158.57	-30.44
		530	5.02	2.84	-63.37	-18.52	-42.01	30.95	160.86	-52.86	-52.13	160.13	12.53
		521	4.15	4.44	-65.46	-15.89	-45.14	31.74	76.85	-41.12	-40.35	76.08	9.50
		522	4.11	0.35	-55.01	-15.00	-39.66	24.78	74.54	-43.37	-34.47	65.63	-31.16
369	70	531	4.82	-3.40	-49.72	-16.16	-36.96	20.69	154.85	-53.38	-48.54	150.02	-31.36
		530	4.84	1.49	-61.56	-18.44	-41.63	29.31	151.89	-55.35	-54.67	151.21	11.81
		521	3.96	3.14	-63.68	-15.79	-44.76	30.11	67.96	-43.32	-42.60	67.24	8.91
		522	3.94	-0.81	-53.22	-14.75	-39.28	23.16	66.97	-46.68	-36.85	57.14	-31.94
370	6	532	8.51	6.80	-83.90	-16.61	-60.48	39.69	298.18	-4.02	8.50	285.66	-60.23
		531	8.14	10.27	-90.89	-18.49	-62.13	45.63	270.89	-18.53	-17.50	269.86	-17.25
		522	7.21	12.36	-94.34	-17.84	-64.14	48.07	178.12	-8.08	-5.97	176.01	-19.74
		523	7.37	8.91	-87.41	-17.31	-61.20	42.87	191.72	-7.51	10.06	174.15	-56.49
370	38	532	5.87	-3.43	-53.72	-12.03	-45.13	18.93	192.50	-50.62	-25.26	167.14	-74.31
		531	5.53	-2.31	-60.54	-16.07	-46.78	24.74	163.45	-53.61	-49.25	159.09	-30.44
		522	4.59	0.21	-63.89	-14.89	-48.79	27.20	74.50	-44.56	-35.79	65.73	-31.10
		523	4.77	-1.23	-56.82	-12.21	-45.84	22.14	96.18	-61.76	-21.71	56.13	-68.71
370	66	532	5.66	-4.36	-50.80	-11.56	-43.60	16.81	185.00	-58.37	-32.21	158.84	-75.37
		531	5.34	-3.47	-57.48	-15.70	-45.25	22.61	156.03	-60.38	-55.71	151.36	-31.45
		522	4.37	-1.00	-60.84	-14.58	-47.26	25.07	67.39	-50.96	-41.59	58.02	-31.95
		523	4.55	-2.18	-53.82	-11.69	-44.31	20.01	89.20	-69.33	-27.99	47.85	-69.61
371	6	533	9.60	1.19	-95.46	-11.89	-82.38	33.06	321.77	-0.47	24.67	296.63	-86.43
		532	9.61	2.83	-100.47	-12.23	-85.41	36.46	295.13	-29.36	-17.22	282.98	-61.60
		523	8.32	5.31	-103.05	-12.01	-85.73	39.71	187.96	-31.77	-14.47	170.67	-59.16
		524	8.09	2.57	-97.45	-12.39	-82.49	35.67	199.95	-19.72	12.16	168.07	-77.38
371	38	533	6.43	-2.05	-58.83	-6.81	-54.07	15.74	215.71	-45.87	2.67	167.16	-101.70
		532	6.48	-3.34	-63.80	-10.03	-57.11	18.97	191.60	-62.30	-36.70	166.00	-76.44
		523	5.28	-1.02	-66.17	-9.77	-57.42	22.22	94.02	-73.21	-33.39	54.20	-71.23
		524	5.06	-0.94	-60.50	-7.27	-54.17	18.36	107.93	-78.04	-9.24	39.13	-89.78
371	70	533	6.19	-2.24	-56.09	-6.42	-51.91	14.42	208.26	-50.07	0.98	157.21	-102.87
		532	6.25	-3.78	-61.02	-9.86	-54.95	17.63	184.09	-65.28	-38.20	157.01	-77.59

		523	5.06	-1.49	-63.37	-9.60	-55.26	20.88	87.72	-77.33	-34.84	45.24	-72.16
		524	4.84	-1.17	-57.72	-6.88	-52.01	17.03	102.09	-83.76	-10.89	29.21	-90.74
372	2	534	9.67	-3.86	-101.90	-6.71	-99.05	16.47	321.35	18.56	35.61	304.31	-69.79
		533	10.65	0.06	-112.46	-3.67	-108.73	20.16	323.31	-32.05	1.43	289.83	-103.81
		524	9.11	3.15	-113.54	-1.54	-108.85	22.92	198.93	-62.48	-22.06	158.50	-94.51
		525	7.81	-1.19	-102.95	-4.05	-100.09	16.81	185.09	-0.71	21.17	163.21	-59.89
372	34	534	5.83	-1.94	-58.07	-3.02	-56.99	7.70	204.22	-19.65	24.62	159.95	-89.17
		533	7.04	-1.09	-68.60	-3.01	-66.68	11.21	224.09	-67.99	-6.10	162.20	-119.36
		524	5.61	0.76	-69.67	-2.10	-66.81	13.90	114.11	-105.94	-24.28	32.45	-106.30
		525	4.05	-0.52	-59.14	-1.62	-58.04	7.96	93.50	-57.33	15.69	20.48	-75.37
372	66	534	5.55	-1.78	-54.74	-2.73	-53.78	7.03	196.45	-23.82	23.78	148.85	-90.66
		533	6.78	-1.18	-65.25	-2.96	-63.48	10.53	217.28	-71.58	-6.68	152.38	-120.56
		524	5.37	0.57	-66.32	-2.14	-63.61	13.21	108.93	-110.62	-24.45	22.76	-107.21
		525	3.80	-0.46	-55.81	-1.43	-54.83	7.29	89.00	-64.24	15.27	9.50	-76.57
373	3	535	9.36	-3.52	-154.96	-7.21	-151.26	23.37	167.98	-116.90	-50.65	101.73	120.35
		536	10.46	-2.67	-167.21	-3.00	-166.88	7.31	170.10	-76.17	-26.48	120.41	98.83
		527	8.24	-1.44	-152.15	-1.67	-151.92	5.90	98.30	-116.00	-12.23	-5.48	107.09
		526	8.44	-0.66	-145.55	-2.64	-143.57	16.83	99.83	-153.38	-42.19	-11.35	125.66
373	35	535	8.27	-2.69	-122.61	-8.03	-117.27	24.73	202.02	-94.96	-42.74	149.80	113.05
		536	9.38	-1.01	-133.47	-1.61	-132.87	8.84	203.22	-55.74	-18.85	166.33	90.51
		527	6.82	-0.36	-118.38	-0.83	-117.91	7.39	113.96	-87.79	-12.81	38.98	97.50
		526	6.52	-0.97	-112.61	-4.01	-109.58	18.15	120.38	-127.39	-42.29	35.29	117.66
373	67	535	8.19	-2.59	-120.18	-8.09	-114.68	24.84	204.75	-93.40	-42.14	153.49	112.50
		536	9.29	-0.88	-130.90	-1.50	-130.28	8.96	205.89	-54.31	-18.27	169.84	89.89
		527	6.74	-0.27	-115.81	-0.76	-115.32	7.50	115.41	-85.87	-12.84	42.38	96.78
		526	6.39	-0.97	-110.13	-4.11	-106.99	18.25	122.18	-125.61	-42.30	38.86	117.06
374	19	537	6.77	-15.48	-92.36	-18.73	-89.12	15.46	173.70	-92.94	-68.34	149.09	77.17
		535	8.48	-9.40	-116.81	-12.23	-113.98	17.20	213.21	-83.92	-48.08	177.37	96.77
		526	6.73	-6.58	-108.39	-7.70	-107.26	10.64	122.93	-110.81	-50.74	62.86	102.14
		528	5.76	-9.91	-92.62	-11.31	-91.23	10.64	93.03	-115.05	-73.89	51.86	82.89
374	51	537	6.04	-11.87	-80.79	-19.40	-73.26	21.51	178.64	-87.73	-66.40	157.30	72.30
		535	7.70	-5.40	-104.00	-11.29	-98.11	23.37	216.98	-74.12	-41.12	183.97	92.29
		526	5.89	-3.67	-94.61	-6.89	-91.39	16.80	124.94	-101.25	-45.60	69.29	97.42
		528	4.92	-8.28	-79.51	-12.41	-75.37	16.65	96.87	-105.50	-68.57	59.94	78.16
374	83	537	5.98	-11.49	-80.04	-19.45	-72.08	21.96	179.07	-87.34	-66.24	157.97	71.95
		535	7.65	-5.04	-103.11	-11.22	-96.93	23.83	217.31	-73.39	-40.60	184.52	91.96
		526	5.83	-3.40	-93.64	-6.83	-90.21	17.26	125.14	-100.54	-45.23	69.83	97.07
		528	4.86	-8.07	-78.62	-12.49	-74.20	17.10	97.21	-104.79	-68.18	60.60	77.82
375	6	538	7.09	29.69	-69.16	-25.63	-13.84	49.07	259.32	-55.31	-47.31	251.32	49.52
		537	8.01	36.19	-86.74	-18.75	-31.80	61.12	294.41	-45.24	-27.95	277.12	74.65
		528	7.18	34.96	-80.40	-11.73	-33.72	56.62	205.12	-58.66	-32.39	178.86	78.99
		529	6.19	28.78	-67.73	-19.87	-19.08	48.25	180.16	-56.34	-44.55	168.37	51.47
375	38	538	5.11	6.38	-58.47	-24.35	-27.73	32.38	200.36	-74.64	-67.68	193.40	43.19
		537	6.13	13.38	-78.84	-19.76	-45.71	44.25	235.29	-64.89	-47.45	217.85	70.23
		528	5.54	13.07	-73.64	-12.95	-47.62	39.74	149.18	-77.76	-48.91	120.33	75.60
		529	4.36	6.45	-58.22	-18.80	-32.97	31.55	122.71	-77.44	-61.86	111.14	46.23
375	70	538	4.96	4.67	-57.71	-24.26	-28.79	31.11	195.84	-76.12	-69.24	188.96	42.70
		537	5.99	11.73	-78.32	-19.83	-46.76	42.96	230.79	-66.40	-48.94	213.33	69.88
		528	5.43	11.52	-73.24	-13.04	-48.68	38.45	144.95	-79.25	-50.17	115.87	75.33
		529	4.23	4.85	-57.60	-18.71	-34.03	30.27	118.31	-74.75	-63.18	106.74	45.82
376	6	539	6.15	23.66	-70.14	-24.25	-22.23	46.89	255.33	-48.34	-46.57	253.56	23.11
		538	7.40	32.22	-87.26	-23.63	-31.41	59.61	261.73	-48.05	-38.63	252.32	53.17
		529	6.79	32.49	-86.59	-17.94	-36.16	58.84	183.43	-49.82	-36.31	169.92	54.48
		530	5.32	24.92	-72.50	-20.64	-26.94	48.61	177.77	-40.59	-39.05	176.23	18.29
376	38	539	4.59	1.65	-50.79	-22.33	-26.81	26.13	189.96	-73.33	-72.66	189.30	13.20
		538	5.34	9.45	-68.97	-23.52	-36.00	38.71	201.00	-71.17	-63.54	193.37	44.92
		529	4.80	10.18	-68.98	-18.05	-40.75	37.92	124.11	-70.32	-57.92	111.71	47.52
		530	3.91	3.32	-53.75	-18.91	-31.52	27.83	113.26	-62.29	-61.75	112.72	9.74
376	70	539	4.51	-2.89e-03	-49.34	-22.18	-27.16	24.54	184.96	-75.26	-74.66	184.36	12.44
		538	5.19	7.73	-67.59	-23.51	-36.35	37.11	196.34	-72.94	-65.45	188.85	44.28
		529	4.66	8.53	-67.68	-18.06	-41.10	36.32	119.56	-71.89	-59.57	107.24	46.99
		530	3.81	1.72	-52.37	-18.78	-31.87	26.24	108.32	-63.97	-63.49	107.84	9.08
377	6	540	6.98	15.00	-71.68	-20.93	-35.75	42.70	277.12	-40.46	-40.08	276.74	-10.92
		539	6.74	22.40	-84.66	-23.74	-38.53	53.02	256.63	-48.12	-45.72	254.23	26.91
		530	6.21	24.07	-87.51	-20.53	-42.91	54.66	179.31	-40.64	-38.51	177.18	21.55
		531	6.39	17.56	-76.11	-19.70	-38.85	45.85	190.80	-31.89	-29.98	188.89	-20.56
377	34	540	5.32	-3.94	-45.57	-17.90	-31.61	19.65	208.91	-74.38	-72.23	206.76	-24.59
		539	5.08	2.14	-58.78	-22.24	-34.40	29.85	190.68	-77.30	-76.46	189.84	15.01
		530	4.39	4.14	-61.89	-18.97	-38.78	31.49	114.21	-65.51	-64.83	113.53	11.07
		531	4.54	-0.88	-50.12	-16.29	-34.71	22.83	125.53	-63.46	-57.60	119.67	-32.76
377	66	540	5.20	-5.25	-43.73	-17.67	-31.31	17.99	203.72	-76.41	-74.04	201.36	-25.62
		539	4.96	0.70	-56.92	-22.13	-34.09	28.18	185.62	-78.95	-78.19	184.86	14.12
		530	4.26	2.73	-60.07	-18.85	-38.48	29.83	109.21	-66.94	-66.34	108.61	10.28
		531	4.41	-2.15	-48.31	-16.05	-34.40	21.18	120.65	-65.51	-59.19	114.33	-33.70
378	6	541	8.57	6.64	-76.68	-16.51	-53.53	37.32	322.60	-34.30	-25.02	313.31	-56.81
		540	7.79	10.38	-83.26	-20.27	-52.61	43.94	277.74	-49.65	-49.39	277.49	-9.11
		531	7.16	13.71	-87.63	-18.47	-55.45	47.17	190.73	-45.16	-43.45	189.02	-20.03

378	38	532	7.54	10.34	-80.65	-16.03	-54.28	41.28	217.09	-33.33	-16.93	200.69	-61.95
		541	6.50	-5.08	-47.68	-12.16	-40.59	15.86	254.62	-63.37	-45.77	237.01	-72.72
		540	5.80	-3.93	-53.62	-17.87	-39.69	22.32	209.94	-75.33	-73.30	207.90	-24.01
378	70	531	5.03	-0.44	-58.06	-15.97	-42.53	25.57	125.95	-66.73	-60.88	120.10	-33.06
		532	5.39	-1.69	-51.26	-11.60	-41.35	19.83	155.50	-66.10	-35.65	125.05	-76.29
		541	6.35	-5.84	-45.60	-11.83	-39.61	14.22	249.56	-65.78	-47.36	231.15	-73.94
		540	5.65	-5.00	-51.39	-17.68	-38.70	20.68	204.81	-77.39	-75.13	202.55	-25.15
		531	4.87	-1.49	-55.83	-15.78	-41.54	23.92	121.13	-68.55	-62.22	114.80	-34.07
379	6	532	5.23	-2.52	-49.11	-11.27	-40.36	18.19	151.07	-68.93	-37.09	119.23	-77.40
		542	9.75	1.85	-85.59	-10.52	-73.22	30.47	365.30	-1.54	21.62	342.14	-89.22
		541	9.43	1.29	-88.46	-12.63	-74.55	32.49	321.53	-47.42	-38.24	312.34	-57.49
		532	8.22	5.62	-91.48	-11.02	-74.84	36.59	214.06	-47.70	-31.62	197.98	-62.85
379	38	533	8.17	4.60	-86.55	-9.79	-72.15	33.23	237.10	-21.84	9.83	205.43	-84.84
		542	7.30	-2.14	-53.16	-5.87	-49.43	13.28	297.37	-33.15	7.28	256.94	-108.29
		541	7.02	-5.37	-55.80	-10.40	-50.77	15.11	255.78	-68.93	-50.52	237.37	-75.10
		532	5.82	-1.84	-58.54	-9.31	-51.07	19.17	154.89	-72.90	-41.82	123.82	-78.18
379	70	533	5.76	-0.36	-53.70	-5.69	-48.37	16.00	178.18	-59.50	-2.38	121.06	-101.56
		542	7.12	-2.35	-50.78	-5.52	-47.62	11.97	292.47	-35.91	6.17	250.39	-109.76
		541	6.84	-5.83	-53.36	-10.23	-48.96	13.78	250.93	-70.79	-51.46	231.60	-76.46
		532	5.63	-2.38	-56.05	-9.18	-49.25	17.85	150.69	-75.19	-42.61	118.11	-79.36
		533	5.58	-0.67	-51.26	-5.38	-46.55	14.69	174.17	-62.91	-3.32	114.57	-102.84
380	6	543	9.81	-3.08	-90.91	-6.40	-87.59	16.74	366.26	21.74	31.13	356.87	-56.11
		542	10.67	-0.36	-100.80	-3.70	-97.46	18.03	367.10	-23.13	8.60	335.37	-106.66
		533	9.05	3.31	-100.66	-1.01	-96.34	20.76	237.96	-59.43	-17.35	195.88	-103.65
380	38	534	7.77	0.04	-90.31	-3.25	-87.02	16.92	219.17	3.61	15.65	207.14	-49.49
		543	6.88	-1.56	-52.31	-2.84	-51.03	7.97	289.64	-4.33	26.48	258.83	-90.05
		542	7.85	-1.45	-62.28	-2.82	-60.91	9.05	305.14	-47.85	5.08	252.21	-126.03
		533	6.30	0.63	-62.05	-1.62	-59.80	11.66	186.46	-84.79	-12.74	114.42	-119.80
380	70	534	4.90	0.06	-51.74	-1.22	-50.46	8.03	156.47	-28.60	16.94	110.93	-79.71
		543	6.67	-1.43	-49.38	-2.57	-48.24	7.30	284.50	-7.10	26.11	251.29	-92.63
		542	7.64	-1.52	-59.35	-2.76	-58.12	8.36	300.76	-50.13	4.81	245.81	-127.52
		533	6.10	0.43	-59.11	-1.66	-57.01	10.97	183.10	-87.34	-12.40	108.15	-121.04
381	3	534	4.69	0.07	-48.81	-1.06	-47.68	7.35	153.00	-32.44	17.04	103.53	-82.01
		544	12.86	-4.71	-158.05	-14.36	-148.39	37.25	378.15	-56.77	-41.19	362.57	80.83
		545	14.95	-2.13	-178.08	-3.13	-177.08	13.22	411.60	-32.18	-20.84	400.26	70.05
		536	11.64	-1.30	-155.06	-1.98	-154.38	10.21	280.64	-38.23	-11.16	253.57	88.88
381	35	535	10.63	-1.90	-143.74	-6.80	-138.83	25.92	273.45	-73.68	-37.61	237.37	105.93
		544	11.02	-2.99	-131.74	-15.27	-119.46	37.82	358.36	-53.46	-35.56	340.46	83.96
		545	13.14	-0.48	-149.46	-1.81	-148.13	14.01	387.42	-27.14	-15.95	376.23	67.18
		536	9.87	-0.04	-126.39	-1.00	-125.43	10.96	255.75	-39.41	-13.12	229.45	84.08
381	67	535	8.82	-1.60	-116.37	-8.07	-109.90	26.46	252.46	-75.94	-38.53	215.05	104.34
		544	10.88	-2.81	-129.78	-15.34	-117.25	37.87	356.97	-53.21	-35.13	338.89	84.19
		545	13.00	-0.35	-147.28	-1.71	-145.92	14.07	385.71	-26.75	-15.57	374.54	66.96
		536	9.73	0.06	-124.21	-0.92	-123.23	11.02	253.98	-39.48	-13.27	227.76	83.70
382	3	535	8.68	-1.55	-114.32	-8.17	-107.70	26.51	250.96	-76.10	-38.60	213.46	104.21
		546	8.92	-24.67	-91.75	-28.28	-88.14	15.14	307.78	-85.66	-83.12	305.24	31.49
		544	11.48	-16.28	-130.52	-21.17	-125.63	23.12	366.58	-53.59	-45.15	358.14	58.93
382	35	535	9.40	-10.54	-119.94	-11.96	-118.51	12.41	255.45	-50.94	-29.08	233.59	78.87
		537	7.84	-15.91	-95.54	-17.34	-94.11	10.58	220.15	-65.95	-55.25	209.45	54.29
		546	7.56	-18.32	-80.05	-29.79	-68.58	24.01	286.75	-79.34	-75.05	282.46	39.39
		544	10.19	-9.49	-116.80	-20.24	-106.06	32.22	346.49	-48.62	-37.94	335.80	64.10
382	67	535	8.09	-6.31	-103.92	-11.29	-98.94	21.49	236.32	-58.74	-33.81	211.39	82.06
		537	6.52	-12.90	-80.67	-19.02	-74.55	19.42	200.54	-74.96	-61.33	186.92	59.73
		546	7.47	-17.59	-79.40	-29.90	-67.10	24.68	285.25	-78.88	-74.43	280.80	40.00
		544	10.09	-8.85	-115.88	-20.17	-104.57	32.91	345.08	-48.26	-37.39	334.21	64.48
383	6	535	8.00	-5.87	-102.82	-11.24	-97.45	22.18	234.97	-59.32	-34.16	209.81	82.29
		537	6.42	-12.48	-79.73	-19.15	-73.06	20.10	199.15	-75.65	-61.79	185.28	60.14
		547	6.68	27.96	-70.50	-33.40	-9.15	47.71	172.72	-73.09	-64.11	163.75	46.11
		546	8.12	35.25	-95.51	-31.40	-28.86	65.37	232.37	-56.89	-41.75	217.23	64.43
383	39	537	7.62	34.34	-89.12	-20.77	-34.01	61.37	155.45	-78.42	-46.53	123.56	80.25
		538	6.29	27.49	-71.03	-26.95	-16.59	48.98	112.73	-82.87	-65.37	95.24	55.83
		547	5.65	-27.75	-40.86	-27.86	-40.74	1.21	233.83	-106.44	-106.19	233.57	9.34
		546	7.10	-22.42	-69.34	-31.26	-60.50	18.35	283.65	-84.50	-81.26	280.40	34.39
383	71	537	6.12	-17.08	-69.86	-21.29	-65.66	14.29	196.85	-87.96	-77.21	186.11	54.26
		538	5.09	-21.77	-48.41	-22.00	-48.19	2.42	166.32	-100.34	-98.28	164.26	23.33
		547	5.56	-27.52	-40.38	-28.01	-39.89	2.47	232.01	-105.36	-105.05	231.69	10.34
		546	7.03	-21.24	-69.67	-31.27	-59.65	19.62	282.13	-83.61	-80.19	278.71	35.21
384	6	537	6.05	-16.28	-69.79	-21.27	-64.80	15.57	195.54	-87.50	-76.39	184.43	54.97
		538	5.00	-21.60	-47.86	-22.13	-47.33	3.68	164.64	-99.62	-97.39	162.41	24.21
		548	5.77	22.46	-68.01	-28.53	-17.01	44.86	141.08	-74.21	-68.37	135.25	34.96
		547	7.22	31.52	-87.96	-32.01	-24.43	59.62	172.67	-67.44	-56.50	161.72	50.08
		538	7.12	32.57	-89.04	-25.34	-31.13	60.74	114.60	-77.87	-57.02	93.75	59.82
384	38	539	5.43	23.96	-71.77	-25.17	-22.63	47.85	84.21	-71.15	-64.92	77.98	30.49
		548	4.35	0.74	-46.86	-25.79	-20.32	23.64	165.04	-89.21	-87.94	163.77	17.92
		547	5.55	9.01	-67.56	-30.80	-27.75	38.26	191.87	-79.92	-75.28	187.24	35.20
		538	5.17	10.16	-69.13	-24.52	-34.45	39.33	129.58	-83.62	-73.09	119.05	46.20
		539	3.69	2.27	-51.01	-22.80	-25.94	26.59	107.41	-82.86	-81.71	106.26	14.77

384	70	548	4.28	-0.91	-45.24	-25.58	-20.57	22.02	166.99	-90.51	-89.44	165.91	16.61
		547	5.44	7.29	-66.01	-30.71	-28.01	36.63	193.42	-81.01	-76.71	189.13	34.06
		538	5.04	8.47	-67.63	-24.45	-34.71	37.70	130.86	-84.26	-74.32	120.92	45.15
		539	3.58	0.63	-49.44	-22.62	-26.20	24.97	109.34	-83.94	-82.99	108.38	13.56
		549	7.75	34.49	-61.22	-10.09	-16.64	-47.74	279.09	-158.80	-149.54	269.82	-63.01
		548	6.54	18.49	-55.52	-19.76	-17.26	-36.98	244.63	-148.56	-145.95	242.02	-31.92
385	7	539	5.46	14.46	-54.22	-17.17	-22.59	-34.23	187.78	-134.39	-131.01	184.40	-32.83
		540	6.97	29.87	-59.05	-8.74	-20.44	-44.07	219.13	-145.07	-127.14	201.19	-78.81
		549	5.54	8.26	-41.49	-13.48	-19.75	-24.68	243.37	-133.20	-128.38	238.55	-42.36
385	39	548	4.74	-7.30	-34.94	-21.87	-20.37	-13.80	214.28	-125.78	-125.25	213.75	-13.45
		539	4.09	-10.92	-33.93	-19.16	-25.69	-11.03	157.29	-114.36	-113.50	156.43	-15.29
		540	4.61	3.98	-39.56	-12.03	-23.55	-20.99	182.18	-121.23	-109.24	170.20	-59.10
385	71	549	5.39	6.26	-40.00	-13.74	-19.99	-22.92	240.70	-131.29	-126.77	236.18	-40.77
		548	4.68	-9.27	-33.37	-22.04	-20.60	-12.03	212.06	-124.10	-123.67	211.63	-12.03
		539	4.04	-12.79	-32.45	-19.31	-25.93	-9.26	155.06	-112.89	-112.16	154.33	-13.94
386	7	540	4.44	2.04	-38.11	-12.28	-23.79	-19.23	179.40	-119.42	-107.88	167.85	-57.59
		550	8.09	45.97	-54.38	-1.32	-7.10	-50.09	236.46	-143.58	-111.01	203.89	-106.37
		549	7.96	35.87	-51.06	-12.25	-2.94	-43.21	279.81	-155.27	-145.34	269.88	-64.96
386	39	540	6.99	30.95	-48.12	-10.53	-6.64	-39.49	220.98	-134.26	-114.54	201.26	-81.35
		541	8.40	41.44	-49.67	-0.18	-8.05	-45.39	281.47	-134.22	-83.10	230.34	-136.52
		550	6.12	17.48	-40.01	-5.27	-17.26	-28.11	261.19	-118.36	-96.30	239.14	-88.79
386	71	549	5.68	7.14	-35.11	-14.88	-13.09	-21.11	244.57	-132.83	-127.86	239.60	-43.01
		540	4.61	2.53	-32.41	-13.09	-16.79	-17.37	184.02	-116.75	-103.91	171.19	-60.79
		541	5.75	13.25	-35.63	-4.17	-18.21	-23.41	237.48	-113.38	-71.86	195.96	-113.33
386	71	550	5.98	15.35	-38.96	-5.57	-18.04	-26.43	263.18	-116.51	-95.18	241.84	-87.44
		549	5.52	4.96	-33.90	-15.08	-13.87	-19.42	241.95	-131.16	-126.53	237.31	-41.32
		540	4.44	0.40	-31.25	-13.29	-17.56	-15.68	181.24	-115.43	-103.10	168.91	-59.21
387	7	541	5.55	11.18	-34.64	-4.47	-18.99	-21.73	234.13	-111.78	-71.00	193.35	-111.55
		551	8.70	45.10	-30.73	7.49	6.88	-37.91	332.72	-98.14	-13.66	248.24	-171.06
		550	9.30	41.48	-36.84	-4.33	8.96	-38.59	374.06	-126.85	-91.30	338.51	-128.63
387	46	541	8.06	36.39	-32.43	-4.63	8.59	-33.77	286.77	-121.73	-63.38	228.42	-142.94
		542	7.64	42.71	-27.31	5.64	9.75	-34.95	220.11	-133.58	-10.09	96.62	-168.61
		551	8.11	-2.72	-43.12	-3.84	-42.00	6.62	391.19	-24.41	8.08	358.70	-111.57
387	78	550	7.18	-9.29	-41.22	-10.64	-39.88	6.42	312.62	-84.71	-74.45	302.37	-63.00
		541	5.96	-5.37	-43.97	-9.11	-40.23	11.42	216.45	-79.78	-55.15	191.82	-81.79
		542	6.21	-1.27	-41.63	-3.79	-39.11	9.77	255.46	-48.22	2.79	204.45	-113.53
387	78	551	8.01	-2.75	-41.76	-3.59	-40.92	5.63	389.47	-25.92	7.53	356.03	-113.02
		550	7.09	-9.50	-39.80	-10.50	-38.80	5.42	310.88	-85.63	-74.91	300.16	-64.31
		541	5.86	-5.77	-42.41	-9.01	-39.16	10.42	215.13	-80.86	-55.40	189.67	-82.99
388	6	542	6.11	-1.47	-40.14	-3.58	-38.04	8.78	254.24	-49.95	2.45	201.84	-114.86
		552	10.48	-2.25	-79.22	-6.19	-75.28	16.96	448.60	20.15	35.99	432.76	-80.84
		551	10.89	-0.61	-88.90	-3.40	-86.11	15.44	427.24	-8.34	16.52	402.38	-101.05
388	38	542	8.97	3.11	-86.92	-0.75	-83.06	18.24	282.84	-47.56	-7.44	242.72	-107.92
		543	8.10	0.89	-77.32	-2.89	-73.53	16.79	276.73	-9.62	12.25	254.86	-76.05
		552	8.48	-1.11	-46.88	-2.70	-45.28	8.40	413.81	2.89	33.80	382.90	-108.38
388	70	551	8.92	-1.51	-56.94	-2.31	-56.13	6.65	402.44	-23.40	16.43	362.61	-124.00
		542	7.04	0.37	-54.71	-1.25	-53.09	9.30	266.46	-61.83	5.09e-03	204.63	-128.36
		543	6.10	0.45	-45.03	-1.03	-43.55	8.08	250.78	-24.45	19.51	206.82	-100.83
388	70	552	8.33	-1.01	-44.42	-2.44	-42.99	7.75	411.38	1.30	33.63	379.06	-110.50
		551	8.77	-1.55	-54.53	-2.23	-53.85	5.98	400.71	-24.73	16.43	359.55	-125.77
		542	6.90	0.17	-52.27	-1.28	-50.81	8.62	265.44	-63.17	0.57	201.70	-129.93
389	7	543	5.95	0.43	-42.58	-0.89	-41.26	7.41	249.19	-26.01	20.07	203.12	-102.74
		553	15.34	-4.55	-173.02	-29.68	-147.88	60.03	524.39	-30.82	-28.67	522.24	34.44
		554	19.48	-2.61	-208.56	-5.30	-205.87	23.40	618.78	-4.29	-2.90	617.38	29.47
389	39	545	14.78	-0.76	-167.97	-2.25	-166.48	15.69	439.30	-16.56	-7.32	430.06	64.25
		544	12.57	-3.31	-150.25	-14.79	-138.77	39.43	394.95	-47.74	-32.08	379.28	81.78
		553	13.64	-1.42	-152.17	-31.04	-122.54	59.90	497.87	-26.34	-23.35	494.88	39.47
389	71	554	17.71	-0.81	-183.59	-3.91	-180.49	23.58	581.30	-6.24	-4.83	579.90	28.71
		545	12.98	1.03	-142.88	-0.75	-141.11	15.89	400.20	-19.60	-10.41	391.01	61.43
		544	10.84	-2.15	-127.32	-16.05	-113.43	39.32	366.38	-49.82	-33.17	349.73	81.56
389	71	553	13.51	-1.13	-150.63	-31.15	-120.61	59.89	495.88	-26.01	-22.95	492.82	39.85
		554	17.57	-0.67	-181.69	-3.80	-178.56	23.60	578.47	-6.38	-4.98	577.06	28.66
		545	12.85	1.17	-140.98	-0.63	-139.18	15.91	397.23	-19.83	-10.64	388.05	61.21
390	7	544	10.71	-2.03	-125.62	-16.14	-111.50	39.31	364.24	-49.98	-33.25	347.51	81.55
		555	8.85	-34.55	-72.93	-43.31	-64.18	16.10	392.32	-84.20	-83.65	391.77	-16.17
		553	13.21	-22.26	-136.20	-40.07	-118.39	41.38	514.70	-15.78	-15.22	514.14	17.34
390	39	544	11.07	-13.93	-120.65	-19.61	-114.96	23.96	379.91	-34.19	-26.62	372.33	55.50
		546	8.24	-23.74	-82.73	-28.48	-77.99	16.04	306.92	-63.41	-60.84	304.35	30.72
		555	7.87	-22.14	-71.95	-45.41	-48.68	24.85	372.13	-76.63	-76.52	372.02	-7.03
390	71	553	12.29	-11.95	-130.78	-39.87	-102.86	50.38	487.78	-22.56	-21.54	486.75	22.81
		544	9.97	-7.45	-111.25	-19.28	-99.43	32.98	353.15	-39.38	-30.09	343.87	59.66
		546	7.22	-17.00	-76.00	-30.52	-62.48	24.79	287.12	-69.24	-65.44	283.32	36.60
390	71	555	7.80	-21.00	-72.07	-45.57	-47.50	25.52	370.64	-76.08	-75.99	370.55	-6.34
		553	12.22	-11.07	-130.46	-39.86	-101.67	51.07	485.76	-23.08	-22.01	484.70	23.23
		544	9.89	-6.85	-110.65	-19.26	-98.25	33.67	351.15	-39.76	-30.34	341.73	59.97
391	6	546	7.14	-16.28	-75.70	-30.67	-61.31	25.46	285.67	-69.68	-65.78	281.76	37.06
		556	6.79	24.00	-69.09	-41.46	-3.63	42.52	222.04	-71.03	-70.22	221.23	15.40

		555	8.66	32.35	-102.77	-49.44	-20.98	66.05	315.31	-53.46	-52.33	314.18	20.36
		546	8.23	33.34	-98.49	-33.62	-31.53	65.91	233.68	-95.35	-86.44	224.77	53.40
		547	6.68	25.38	-73.06	-35.15	-12.52	47.90	178.07	-83.85	-78.09	172.32	38.39
391	40	556	5.25	-24.50	-32.37	-32.37	-24.50	-0.14	272.51	-99.65	-97.94	270.80	-25.14
		555	7.58	-20.38	-66.26	-44.74	-41.90	22.90	372.91	-76.77	-76.28	372.42	-14.85
		546	6.72	-16.92	-66.73	-31.16	-52.49	22.51	288.30	-62.14	-59.75	285.91	28.83
		547	5.08	-25.41	-36.51	-28.49	-33.42	4.97	224.14	-99.23	-99.19	224.10	3.76
391	72	556	5.22	-23.99	-32.62	-32.54	-24.07	0.80	271.44	-98.87	-97.33	269.89	-23.90
		555	7.54	-19.26	-67.06	-44.85	-41.47	23.84	370.93	-76.19	-75.78	370.51	-13.69
		546	6.68	-15.97	-67.30	-31.22	-52.05	23.46	286.47	-63.15	-60.60	283.92	29.71
		547	5.04	-24.52	-37.11	-28.64	-32.99	5.91	223.21	-98.81	-98.74	223.13	4.83
392	6	557	6.04	20.92	-63.25	-31.55	-10.79	40.79	186.01	-84.12	-81.75	183.64	25.20
		556	7.14	29.30	-84.53	-40.21	-15.03	55.50	221.99	-65.81	-64.64	220.82	18.33
		547	7.30	31.84	-88.74	-33.87	-23.03	60.04	179.68	-77.62	-70.52	172.57	42.16
		548	5.88	22.71	-68.73	-29.57	-16.44	45.24	157.38	-85.00	-82.35	154.74	25.17
392	38	557	4.85	0.19	-41.01	-27.42	-13.41	19.37	202.69	-93.71	-93.38	202.36	9.86
		556	5.85	7.85	-62.84	-37.33	-17.67	33.95	241.19	-78.08	-78.03	241.14	3.90
		547	5.64	9.72	-67.30	-31.90	-25.68	38.38	196.35	-85.47	-82.47	193.35	28.91
		548	4.50	1.31	-46.70	-26.31	-19.08	23.73	174.25	-95.37	-94.93	173.82	10.80
392	70	557	4.79	-1.38	-39.33	-27.10	-13.61	17.74	203.96	-94.53	-94.27	203.71	8.69
		556	5.78	6.22	-61.19	-37.10	-17.87	32.30	242.63	-79.07	-79.05	242.61	2.80
		547	5.53	8.04	-65.66	-31.75	-25.88	36.73	197.62	-86.15	-83.38	194.85	27.90
		548	4.42	-0.32	-45.02	-26.06	-19.28	22.09	175.54	-96.24	-95.89	175.20	9.70
393	7	558	7.55	41.32	-62.70	-8.67	-12.70	-51.97	285.97	-141.24	-138.77	283.50	-32.37
		557	6.94	26.96	-56.89	-18.59	-11.34	-41.77	253.26	-135.83	-132.95	250.37	-33.37
		548	6.24	20.13	-55.55	-18.65	-16.76	-37.82	226.22	-135.74	-133.02	223.50	-31.27
		549	7.40	35.65	-61.67	-9.17	-16.85	-48.51	261.12	-138.63	-129.26	251.74	-60.50
393	39	558	5.81	14.80	-42.47	-12.75	-14.91	-28.62	262.54	-127.73	-127.12	261.94	-15.32
		557	5.30	1.15	-36.33	-21.64	-13.54	-18.29	232.93	-118.88	-118.03	232.09	-17.21
		548	4.63	-5.79	-34.51	-21.34	-18.95	-14.31	205.78	-120.08	-119.35	205.05	-15.49
		549	5.40	9.33	-41.27	-12.89	-19.05	-25.11	235.45	-124.21	-118.78	230.02	-43.85
393	71	558	5.73	12.78	-40.93	-13.07	-15.08	-26.83	260.87	-126.74	-126.23	260.36	-14.01
		557	5.21	-0.79	-34.79	-21.88	-13.70	-16.50	231.51	-117.63	-116.90	230.77	-15.97
		548	4.54	-7.76	-32.91	-21.55	-19.12	-12.52	204.35	-118.94	-118.31	203.72	-14.29
		549	5.27	7.32	-39.71	-13.18	-19.22	-23.32	233.58	-123.14	-117.98	228.42	-42.57
394	7	559	9.52	49.17	-61.81	-3.27	-9.37	-55.41	417.24	-135.82	-127.80	409.23	-66.09
		558	7.77	40.28	-54.86	-12.29	-2.30	-47.31	283.98	-148.93	-146.70	281.74	-31.04
		549	7.48	34.93	-52.91	-11.48	-6.51	-43.85	263.55	-135.27	-125.27	253.55	-62.36
		550	9.13	44.62	-57.06	-1.08	-11.36	-50.58	360.09	-124.15	-92.55	328.50	-119.59
394	39	559	7.54	21.74	-45.26	-6.84	-16.68	-33.13	383.76	-122.80	-118.61	379.57	-45.84
		558	5.91	12.77	-37.40	-15.03	-9.59	-24.94	261.15	-133.34	-132.91	260.72	-13.05
		549	5.48	7.42	-35.58	-14.36	-13.81	-21.50	237.61	-124.02	-118.47	232.07	-44.45
		550	6.75	17.40	-40.92	-4.85	-18.67	-28.33	322.28	-110.44	-86.52	298.35	-98.90
394	71	559	7.50	19.66	-44.01	-7.11	-17.24	-31.43	381.28	-121.84	-117.91	377.35	-44.28
		558	5.79	10.68	-36.06	-15.24	-10.15	-23.23	259.53	-132.21	-131.86	259.18	-11.68
		549	5.35	5.32	-34.26	-14.58	-14.36	-19.79	235.73	-123.20	-117.95	230.49	-43.07
		550	6.58	15.37	-39.73	-5.13	-19.23	-26.63	319.44	-109.41	-86.06	296.09	-97.31
395	7	560	11.31	42.74	-43.22	6.67	-7.16	-42.42	613.16	-51.16	-8.66	570.66	-162.56
		559	9.66	42.87	-46.45	-5.85	2.28	-44.48	430.28	-130.65	-119.54	419.17	-78.17
		550	8.79	37.05	-40.89	-4.50	0.66	-38.88	372.43	-98.02	-59.99	334.40	-128.24
		551	9.75	40.31	-35.95	5.77	-1.41	-37.96	466.61	-50.38	27.66	388.57	-185.08
395	39	560	9.32	18.81	-36.72	3.07	-20.98	-25.03	568.48	-38.15	-6.15	536.48	-135.59
		559	7.62	17.10	-36.91	-8.28	-11.53	-26.95	395.51	-123.09	-117.20	389.62	-54.98
		550	6.60	11.74	-31.40	-6.52	-13.14	-21.31	331.88	-97.17	-68.97	303.68	-106.33
		551	7.35	16.05	-28.69	2.59	-15.23	-20.52	416.89	-46.85	16.82	353.22	-159.60
395	69	560	9.72	-2.07	-41.85	-2.13	-41.79	1.48	506.82	-14.61	-0.79	493.00	-83.76
		559	7.50	-11.91	-32.33	-11.91	-32.33	-0.27	352.25	-112.29	-112.05	352.02	-10.39
		550	6.45	-8.44	-35.09	-9.60	-33.93	5.43	275.68	-95.44	-84.12	264.36	-63.82
		551	7.22	-1.24	-37.09	-2.28	-36.04	6.02	343.22	-36.78	-1.59	308.03	-110.16
396	7	561	12.29	33.49	-0.28	6.97	26.24	-13.86	703.64	-15.58	50.72	637.34	-208.06
		560	11.00	27.04	-14.36	1.74	10.94	-20.18	633.76	-17.26	36.02	580.48	-178.47
		551	9.37	28.17	-12.07	-1.50	17.60	-17.71	481.79	-50.83	43.82	387.14	-203.61
		552	9.51	35.73	-3.43	4.17	28.13	-15.48	488.64	-37.89	56.18	394.57	-201.70
396	38	561	10.44	-0.14	-42.14	-2.47	-39.81	9.62	566.12	20.54	44.47	542.19	-111.72
		560	10.21	-1.17	-55.33	-1.47	-55.04	4.01	504.59	7.05	27.00	484.65	-97.60
		551	7.69	0.50	-49.31	-0.49	-48.32	6.95	336.61	-38.28	11.38	286.96	-127.08
		552	7.09	0.90	-39.72	-0.96	-37.86	8.49	334.59	-13.33	25.79	295.47	-109.90
396	70	561	10.40	-0.09	-40.15	-2.21	-38.02	8.99	569.66	19.74	44.64	544.76	-114.34
		560	10.16	-1.17	-53.46	-1.38	-53.25	3.35	507.95	6.53	27.24	487.24	-99.79
		551	7.64	0.32	-47.38	-0.52	-46.53	6.28	340.49	-38.57	12.26	289.66	-129.16
		552	7.05	0.84	-37.74	-0.82	-36.08	7.84	338.64	-13.87	26.61	298.15	-112.39
397	7	562	19.32	2.90	-199.03	-67.72	-128.41	96.30	772.78	1.34	7.54	766.59	-68.86
		563	28.42	-14.92	-288.09	-25.90	-277.10	53.66	965.62	-13.14	-8.98	961.47	-63.66
		554	19.73	6.78	-193.40	4.18	-190.80	22.66	673.89	10.19	10.56	673.52	15.59
		553	15.85	-5.93	-169.99	-35.64	-140.28	63.18	582.71	-25.01	-24.11	581.80	23.38
397	39	562	17.49	8.60	-186.15	-70.46	-107.09	95.63	714.15	8.87	13.60	709.42	-57.58
		563	26.36	-12.96	-267.51	-24.75	-255.72	53.50	898.78	-9.31	-6.29	895.76	-52.28

		554	17.71	9.41	-172.27	6.54	-169.39	22.66	604.28	5.99	6.49	603.78	17.26
		553	13.90	-3.20	-152.88	-37.14	-118.93	62.68	524.35	-28.94	-27.06	522.48	32.16
397	71	562	17.35	9.09	-185.22	-70.66	-105.47	95.58	709.66	9.44	14.07	705.03	-56.72
		563	26.20	-12.81	-265.95	-24.66	-254.10	53.48	893.65	-9.03	-6.09	890.72	-51.42
		554	17.55	9.61	-170.67	6.72	-167.77	22.66	598.94	5.66	6.17	598.43	17.40
		553	13.75	-2.95	-151.62	-37.25	-117.32	62.64	519.90	-29.26	-27.29	517.93	32.83
398	4	564	9.66	-21.68	-54.18	-53.92	-21.95	2.90	544.35	-98.65	-71.85	517.55	-128.50
		562	16.18	-19.40	-152.13	-87.01	-84.52	66.35	770.47	-26.90	-17.10	760.67	-87.85
		553	13.82	-11.75	-122.87	-34.43	-100.19	44.78	594.41	-9.99	-9.91	594.33	-6.83
		555	8.84	-26.43	-68.03	-48.24	-46.21	20.77	453.55	-62.61	-60.50	451.45	-32.90
398	36	564	9.13	-12.52	-59.53	-57.35	-14.70	9.88	490.11	-89.23	-68.72	469.60	-107.05
		562	15.14	-9.49	-156.96	-89.20	-77.25	73.49	701.39	-31.33	-24.63	694.68	-69.79
		553	12.62	-4.33	-123.58	-35.01	-92.89	52.13	526.33	-16.48	-16.38	526.23	7.32
		555	7.87	-16.12	-73.12	-50.31	-38.93	27.93	401.73	-68.43	-67.79	401.09	-17.24
398	68	564	9.09	-11.77	-59.99	-57.62	-14.13	10.42	486.00	-88.53	-68.48	465.96	-105.42
		562	15.06	-8.71	-157.35	-89.37	-76.69	74.04	696.13	-31.68	-25.19	689.64	-68.42
		553	12.53	-3.72	-123.67	-35.06	-92.33	52.70	521.16	-16.99	-16.85	521.03	8.39
		555	7.80	-15.30	-73.53	-50.46	-38.37	28.48	397.82	-68.89	-68.33	397.27	-16.05
399	16	565	7.34	-2.43	-35.94	-26.60	-11.77	-15.03	363.80	-104.17	-81.41	341.04	-100.66
		564	9.41	-18.76	-57.07	-55.39	-20.43	7.83	527.17	-96.75	-72.36	502.77	-120.94
		555	8.27	-21.91	-57.57	-44.09	-35.39	17.29	443.33	-74.81	-71.74	440.26	-39.79
		556	6.32	-18.09	-34.33	-32.36	-20.06	-5.30	333.51	-103.74	-98.31	328.08	-48.40
399	48	565	6.43	-8.32	-31.94	-29.83	-10.43	-6.75	322.33	-92.40	-76.16	306.09	-80.45
		564	8.67	-13.20	-63.73	-57.86	-19.08	16.20	476.32	-87.91	-69.14	457.55	-101.19
		555	7.63	-13.34	-66.21	-45.52	-34.02	25.80	395.20	-71.42	-70.29	394.07	-22.93
		556	5.72	-18.05	-34.57	-33.93	-18.69	3.19	294.65	-97.56	-95.06	292.15	-31.23
399	80	565	6.37	-8.59	-31.82	-30.08	-10.33	-6.11	319.22	-91.53	-75.76	303.45	-78.92
		564	8.62	-12.71	-64.30	-58.04	-18.97	16.85	472.48	-87.26	-68.90	454.12	-99.70
		555	7.58	-12.68	-66.87	-45.63	-33.92	26.45	391.58	-71.20	-70.19	390.57	-21.65
		556	5.68	-17.68	-34.96	-34.05	-18.59	3.84	291.75	-97.13	-94.81	289.44	-29.93
400	7	566	7.10	36.46	-55.55	-6.17	-12.93	-45.88	282.61	-106.03	-98.36	274.94	-54.04
		565	8.08	17.37	-54.32	-23.60	-13.36	-35.48	350.14	-108.36	-89.52	331.30	-91.02
		556	6.79	3.26	-51.92	-28.09	-20.58	-27.33	321.39	-109.33	-104.83	316.88	-43.82
		557	6.94	25.21	-57.19	-14.58	-17.40	-41.17	289.65	-125.14	-121.16	285.68	-40.42
400	36	566	5.18	7.74	-33.13	-14.55	-10.85	-20.35	235.33	-96.66	-92.00	230.66	-39.07
		565	6.58	-7.16	-34.43	-30.34	-11.25	-9.74	323.54	-96.02	-80.50	308.03	-79.18
		556	5.74	-18.31	-32.47	-32.35	-18.43	-1.27	295.97	-98.56	-95.74	293.15	-33.24
		557	5.20	-2.24	-33.20	-20.18	-15.27	-15.28	243.06	-113.70	-111.74	241.10	-26.36
400	68	566	5.09	6.38	-32.08	-14.94	-10.75	-19.12	233.11	-95.72	-91.39	228.78	-37.49
		565	6.50	-7.98	-33.85	-30.68	-11.16	-8.49	320.22	-95.01	-79.98	305.20	-77.55
		556	5.69	-18.33	-32.57	-32.57	-18.33	-0.01	292.88	-97.81	-95.22	290.29	-31.71
		557	5.13	-3.54	-32.10	-20.46	-15.17	-14.03	240.94	-112.90	-111.14	239.19	-24.89
401	7	567	7.42	47.80	-60.41	-3.38	-9.23	-54.03	296.07	-115.59	-115.55	296.03	-4.29
		566	7.39	37.11	-55.75	-12.04	-6.60	-46.35	280.20	-103.32	-96.39	273.27	-51.09
		557	7.26	27.68	-55.84	-17.36	-10.80	-41.63	287.41	-126.64	-122.72	283.49	-40.10
		558	7.84	41.47	-61.87	-7.53	-12.86	-51.60	321.33	-132.96	-129.97	318.34	-36.72
401	39	567	5.93	21.50	-40.68	-8.56	-10.62	-31.07	257.14	-110.38	-109.95	256.71	12.56
		566	5.49	11.45	-35.89	-16.46	-7.98	-23.29	241.33	-94.05	-90.50	237.77	-34.35
		557	5.54	2.41	-35.57	-21.00	-12.16	-18.47	249.77	-114.60	-113.13	248.31	-23.05
		558	5.96	15.46	-41.69	-11.99	-14.24	-28.55	280.29	-124.43	-123.44	279.30	-20.00
401	71	567	5.82	19.49	-39.17	-8.96	-10.72	-29.32	254.26	-110.05	-109.52	253.74	13.85
		566	5.37	9.53	-34.41	-16.80	-8.08	-21.53	238.43	-93.38	-90.05	235.10	-33.07
		557	5.43	0.53	-34.07	-21.27	-12.27	-16.70	246.98	-113.73	-112.41	245.66	-21.74
		558	5.87	13.47	-40.15	-12.33	-14.34	-26.79	277.23	-123.82	-122.94	276.35	-18.71
402	7	568	10.30	50.48	-65.05	-5.34	-9.24	-57.73	473.50	-134.47	-133.08	472.11	29.07
		567	7.09	44.01	-55.21	-9.18	-2.03	-49.48	288.80	-116.54	-116.54	288.80	0.59
		558	7.97	38.82	-55.58	-11.28	-5.49	-47.11	319.65	-139.16	-136.49	316.98	-34.88
		559	9.98	47.48	-63.39	-2.68	-13.23	-55.18	474.51	-126.13	-117.63	466.01	-70.95
402	39	568	8.91	24.54	-46.89	-8.44	-13.91	-35.61	418.77	-134.50	-130.51	414.78	46.83
		567	5.48	18.16	-36.68	-11.83	-6.69	-27.30	250.24	-112.36	-111.62	249.50	16.39
		558	6.08	12.80	-37.34	-14.38	-10.16	-24.98	278.96	-129.12	-128.38	278.23	-17.30
		559	7.98	21.54	-45.72	-6.26	-17.91	-33.12	414.24	-120.22	-115.10	409.11	-52.08
402	71	568	8.80	22.56	-45.51	-8.67	-14.27	-33.92	414.68	-134.58	-130.32	410.42	48.20
		567	5.39	16.19	-35.27	-12.03	-7.05	-25.60	247.40	-112.11	-111.24	246.53	17.60
		558	5.95	10.82	-35.95	-14.61	-10.52	-23.30	275.93	-128.41	-127.78	275.30	-15.95
		559	7.90	19.58	-44.39	-6.54	-18.27	-31.44	409.68	-119.80	-114.91	404.79	-50.63
403	7	569	14.93	40.08	-64.93	0.34	-25.19	-50.93	876.22	-51.44	-46.39	871.17	-68.25
		568	9.70	44.17	-54.78	-10.69	0.08	-49.18	477.57	-164.24	-162.59	475.91	32.56
		559	9.96	39.23	-51.17	-5.40	-6.53	-45.20	490.77	-112.91	-101.48	479.33	-82.29
		560	12.27	38.83	-48.84	5.74	-15.75	-42.50	719.57	-22.42	23.50	673.65	-178.78
403	47	569	13.84	14.96	-52.56	-1.69	-35.91	-29.10	777.75	-50.29	-48.32	775.78	-40.31
		568	8.64	15.79	-38.88	-12.45	-10.64	-27.32	417.91	-165.44	-160.36	412.83	54.21
		559	7.80	11.11	-36.70	-8.32	-17.27	-23.49	421.55	-116.51	-110.06	415.10	-58.57
		560	10.17	13.37	-37.38	2.48	-26.50	-20.83	613.58	-25.50	10.86	577.21	-148.04
403	79	569	13.77	13.91	-52.07	-1.76	-36.40	-28.07	771.84	-50.17	-48.35	770.02	-38.69
		568	8.58	14.48	-38.12	-12.52	-11.13	-26.29	414.46	-165.51	-160.16	409.11	55.44
		559	7.76	9.84	-36.05	-8.45	-17.76	-22.47	417.51	-116.81	-110.61	411.32	-57.20

404	15	560	10.12	12.33	-36.97	2.34	-26.99	-19.82	607.21	-25.72	10.10	571.40	-146.24
		570	17.78	13.37	-3.31	3.92	6.13	-8.26	1175.92	41.25	78.81	1138.36	-203.00
		569	14.36	9.74	-33.25	-2.00	-21.52	-19.15	910.82	23.30	30.78	903.35	-81.12
404	47	560	10.94	12.79	-20.39	0.46	-8.06	-16.03	711.20	12.76	66.47	657.49	-186.09
		561	12.06	14.92	-4.85	2.95	7.12	-9.66	761.72	5.91	72.92	694.71	-214.85
		570	16.35	2.31	-7.00	1.86	-6.55	-1.99	1093.68	50.54	78.56	1065.65	-168.67
		569	13.88	1.96	-38.62	-2.48	-34.18	-12.67	833.05	26.06	29.79	829.32	-54.73
		560	9.97	4.29	-24.28	0.72	-20.71	-9.45	625.56	6.95	52.28	580.23	-161.20
404	79	561	10.20	3.10	-6.77	1.87	-5.54	-3.25	672.73	5.60	59.61	618.72	-181.98
		570	16.31	1.95	-7.75	1.71	-7.51	-1.51	1087.45	51.22	78.54	1060.13	-166.04
		569	13.84	1.53	-39.18	-2.51	-35.13	-12.18	827.18	26.23	29.72	823.69	-52.71
		560	9.94	3.88	-24.80	0.74	-21.66	-8.96	619.05	6.51	51.19	574.36	-159.30
		561	10.16	2.63	-7.34	1.79	-6.50	-2.77	665.97	5.57	58.60	612.94	-179.47
405	7	571	21.54	65.12	-156.57	-147.12	55.68	44.77	1194.77	97.91	236.14	1056.55	-364.01
		572	53.97	-126.48	-691.63	-295.78	-522.34	258.88	1662.57	-224.68	-195.52	1633.41	-232.76
		563	29.92	105.04	-240.94	104.80	-240.70	9.13	1090.73	148.72	162.70	1076.75	-113.88
		562	22.38	-0.25	-281.43	-130.01	-151.67	140.17	804.41	-101.41	-96.75	799.75	-64.79
		571	21.20	81.46	-164.79	-156.45	73.13	44.53	1106.25	123.27	250.71	978.81	-330.20
405	39	572	51.39	-123.92	-681.35	-300.48	-504.79	259.32	1540.92	-214.45	-189.73	1516.20	-206.81
		563	27.14	108.31	-223.33	107.96	-222.98	10.72	950.49	141.59	152.31	939.77	-92.49
		562	20.44	7.46	-274.33	-132.80	-134.08	140.89	717.71	-99.44	-97.21	715.48	-42.62
		571	21.18	82.70	-165.42	-157.16	74.44	44.51	1099.45	125.21	251.82	972.83	-327.60
		572	51.19	-123.71	-680.58	-300.83	-503.46	259.35	1531.57	-213.67	-189.29	1507.19	-204.82
405	71	563	26.93	108.55	-222.00	108.20	-221.65	10.84	939.75	141.04	151.51	929.27	-90.87
		562	20.29	8.06	-273.83	-133.01	-132.75	140.94	711.08	-99.32	-97.25	709.00	-40.92
		573	13.88	18.37	-45.33	-27.07	0.12	-28.80	694.07	-132.14	14.66	547.27	-315.81
		571	19.87	-10.30	-142.14	-137.15	-15.30	25.18	1026.45	-173.09	-102.03	955.39	-283.17
		562	16.29	-14.27	-135.18	-89.52	-59.93	58.62	869.05	23.65	45.19	847.52	-133.19
406	8	564	10.78	-17.07	-60.90	-60.71	-17.26	2.87	562.65	-133.69	-103.47	532.44	-141.87
		573	12.25	11.55	-45.82	-38.66	4.39	-18.97	610.95	-116.38	10.70	483.87	-276.18
		571	18.82	-2.29	-154.97	-146.27	-10.98	35.37	913.77	-172.06	-114.02	855.73	-244.24
		562	14.99	-1.37	-145.67	-91.58	-55.46	69.86	760.25	21.20	35.00	746.45	-100.03
		564	9.89	-9.52	-69.04	-65.71	-12.85	13.67	487.58	-125.81	-104.83	466.60	-111.48
406	80	573	12.15	11.40	-45.93	-39.09	4.56	-18.58	605.47	-115.32	10.57	479.58	-273.66
		571	18.74	-1.96	-155.47	-146.62	-10.80	35.78	906.37	-171.95	-114.67	849.09	-241.84
		562	14.90	-0.83	-146.06	-91.61	-55.28	70.30	753.07	21.00	34.36	739.71	-97.97
		564	9.83	-9.17	-69.40	-65.90	-12.67	14.10	482.57	-125.30	-104.87	462.14	-109.55
		574	9.16	30.95	-39.86	-0.98	-7.93	-35.23	423.04	-77.83	3.39	341.82	-184.62
407	4	573	13.01	10.11	-55.62	-40.59	-4.91	-27.60	632.46	-135.34	-34.52	531.64	-259.31
		564	10.19	-15.05	-52.71	-52.25	-15.52	-4.17	579.89	-64.55	-27.10	542.44	-150.76
		565	8.15	7.40	-42.20	-22.75	-12.04	-24.22	389.39	-112.07	-83.83	361.15	-115.60
		574	7.50	14.56	-31.27	-10.55	-6.17	-22.81	360.09	-73.69	-6.76	293.16	-156.69
		573	11.44	1.36	-53.22	-48.75	-3.12	-14.97	557.11	-131.14	-44.18	470.15	-228.67
407	36	564	9.07	-11.83	-58.43	-56.62	-13.64	9.02	508.54	-65.94	-37.81	480.41	-123.96
		565	6.83	-4.86	-33.83	-28.50	-10.20	-11.23	331.67	-102.32	-82.85	312.21	-89.82
		574	7.38	13.35	-30.67	-11.28	-6.03	-21.85	355.30	-73.37	-7.52	289.45	-154.56
		573	11.33	0.92	-53.27	-49.38	-2.98	-13.99	551.36	-130.81	-44.90	465.45	-226.33
		564	8.99	-11.29	-59.16	-56.96	-13.50	10.03	503.11	-66.06	-38.62	475.67	-121.92
407	68	565	6.74	-5.58	-33.42	-28.94	-10.05	-10.23	327.30	-101.61	-82.79	308.48	-87.86
		575	7.21	52.78	-48.06	12.91	-8.19	-49.30	249.70	-70.34	-43.24	222.60	-89.10
		574	9.76	40.81	-51.98	-5.14	-6.03	-46.40	385.41	-111.72	-47.89	321.57	-166.31
		565	8.56	20.81	-51.47	-21.46	-9.20	-35.61	379.36	-99.49	-74.32	354.18	-106.87
		566	7.14	37.73	-52.82	-4.98	-10.12	-45.20	278.92	-106.15	-97.04	269.81	-58.53
408	39	575	5.13	26.88	-32.28	1.95	-7.35	-29.21	208.26	-60.19	-41.02	189.10	-69.12
		574	7.73	16.58	-36.53	-14.79	-5.16	-26.11	335.23	-102.07	-47.17	280.34	-144.89
		565	6.88	-0.29	-36.00	-28.02	-8.26	-14.87	331.64	-88.56	-69.67	312.75	-87.08
		566	5.46	13.81	-35.50	-12.49	-9.20	-24.60	240.99	-97.34	-92.43	236.08	-40.46
		575	4.98	24.90	-31.08	1.11	-7.29	-27.68	205.11	-59.42	-40.85	186.54	-67.58
408	71	574	7.58	14.80	-35.42	-15.52	-5.10	-24.56	331.38	-101.33	-47.12	277.18	-143.24
		565	6.77	-1.62	-35.08	-28.52	-8.19	-13.29	328.00	-87.75	-69.33	309.58	-85.55
		566	5.35	12.02	-34.21	-13.06	-9.13	-23.03	238.13	-96.71	-92.08	233.51	-39.07
		576	6.56	54.02	-52.20	9.38	-7.55	-52.44	230.41	-49.61	-49.45	230.25	6.67
		575	7.13	47.64	-51.47	0.80	-4.63	-49.48	244.29	-53.04	-31.37	222.62	-77.28
409	7	566	7.36	36.48	-53.30	-10.45	-6.37	-44.84	279.69	-103.09	-93.77	270.37	-59.00
		567	7.42	46.38	-57.75	-2.12	-9.25	-51.94	310.17	-109.17	-109.07	310.07	-6.44
		576	4.95	28.15	-34.43	1.87	-8.16	-30.89	184.33	-60.77	-58.67	182.24	22.55
		575	5.04	22.62	-32.72	-4.91	-5.20	-27.67	203.04	-56.31	-40.73	187.46	-61.63
		566	5.54	12.15	-34.48	-15.42	-6.92	-22.92	241.44	-93.52	-88.29	236.22	-41.50
409	39	567	5.90	21.36	-38.93	-7.76	-9.81	-30.12	263.57	-106.55	-106.24	263.27	10.66
		576	4.83	26.18	-33.08	1.31	-8.20	-29.24	180.94	-61.72	-59.37	178.59	23.78
		575	4.89	20.71	-31.30	-5.35	-5.24	-26.00	199.90	-56.56	-41.43	184.78	-60.42
		566	5.42	10.33	-33.08	-15.80	-6.96	-21.25	238.55	-92.83	-87.89	233.61	-40.16
		567	5.79	19.45	-37.49	-8.19	-9.86	-28.46	260.10	-106.42	-106.03	259.71	11.97
410	7	577	10.22	47.75	-60.63	-2.08	-10.80	-54.01	380.19	-131.17	-101.36	350.38	119.81
		576	5.90	46.92	-49.70	-1.59	-1.19	-48.31	223.85	-43.40	-42.51	222.96	15.43
		567	7.10	41.10	-54.37	-8.03	-5.23	-47.72	302.77	-118.39	-118.35	302.73	-4.13
		568	10.21	47.33	-62.77	-4.40	-11.04	-54.95	484.94	-107.93	-106.39	483.40	30.18

410	39	577	8.68	24.21	-42.48	-4.97	-13.30	-33.08	330.87	-153.89	-111.23	288.21	137.33
		576	4.43	23.42	-31.24	-4.14	-3.69	-27.33	178.71	-53.80	-49.76	174.67	30.40
		567	5.59	17.47	-36.24	-11.03	-7.74	-26.81	256.32	-116.51	-116.11	255.92	12.21
		568	8.82	23.58	-44.84	-7.71	-13.55	-34.09	426.31	-119.46	-115.43	422.29	46.70
410	71	577	8.56	22.42	-41.10	-5.19	-13.49	-31.49	327.26	-155.75	-111.97	283.47	138.68
		576	4.32	21.62	-29.84	-4.33	-3.88	-25.73	175.41	-54.71	-50.30	171.00	31.55
		567	5.50	15.67	-34.86	-11.26	-7.93	-25.21	252.85	-116.44	-115.95	252.36	13.46
		568	8.71	21.77	-43.47	-7.97	-13.74	-32.49	421.91	-120.38	-116.10	417.63	47.97
411	7	578	23.12	36.10	-92.66	-6.89	-49.68	-60.72	1097.76	-230.84	-149.83	1016.76	317.91
		577	10.17	45.82	-48.31	-15.14	12.65	-44.97	405.44	-168.31	-86.34	323.47	200.77
		568	10.59	40.00	-57.93	-8.91	-9.01	-48.96	490.86	-176.95	-173.21	487.12	49.81
		569	16.62	34.25	-68.49	-3.78	-30.46	-49.61	1005.34	-41.38	-29.58	993.54	-110.49
411	39	578	20.55	19.77	-78.84	-5.24	-53.83	-42.90	952.40	-248.16	-166.65	870.89	302.01
		577	8.13	26.64	-32.47	-14.31	8.48	-27.27	335.05	-171.92	-88.89	252.02	187.62
		568	9.44	19.77	-43.55	-10.54	-13.24	-31.63	434.55	-180.39	-172.82	426.99	67.78
		569	14.95	15.82	-55.16	-4.67	-34.67	-32.16	870.53	-55.25	-47.97	863.24	-81.79
411	71	578	20.35	18.60	-77.87	-5.12	-54.15	-41.54	941.31	-249.50	-167.94	859.75	300.79
		577	7.97	25.19	-31.28	-14.25	8.16	-25.92	329.72	-172.22	-89.07	246.57	186.61
		568	9.35	18.23	-42.46	-10.67	-13.56	-30.31	430.34	-180.73	-172.80	422.41	69.16
		569	14.82	14.48	-54.21	-4.74	-34.99	-30.83	860.26	-56.33	-49.37	853.29	-79.59
412	7	579	37.32	22.73	-54.62	-26.64	-5.24	-37.16	2589.42	303.97	305.08	2588.31	-50.36
		578	19.00	-29.72	-50.41	-41.83	-38.30	-10.20	1097.64	-179.65	-135.20	1053.19	234.10
		569	16.42	20.53	-46.76	2.62	-28.85	-29.74	1061.98	118.23	127.42	1052.79	-92.72
		570	19.84	12.00	-4.06	4.12	3.82	-8.03	1325.66	45.12	76.81	1293.96	-198.95
412	39	579	34.34	9.14	-46.10	-22.23	-14.73	-27.36	2396.37	288.38	288.49	2396.27	-14.94
		578	17.26	-37.57	-47.82	-37.59	-47.80	-0.42	966.25	-176.03	-126.71	916.93	232.17
		569	15.03	11.13	-46.99	2.57	-38.44	-20.59	927.53	107.23	112.67	922.09	-66.60
		570	17.06	4.18	-5.89	4.05	-5.76	1.12	1123.79	26.03	51.53	1098.30	-165.33
412	71	579	34.18	8.13	-45.49	-21.90	-15.46	-26.62	2381.67	287.17	287.24	2381.60	-12.23
		578	17.12	-37.26	-48.53	-37.27	-48.52	0.33	956.26	-175.80	-126.06	906.52	232.02
		569	14.93	10.53	-47.13	2.57	-39.17	-19.89	917.29	106.36	111.54	912.11	-64.60
		570	16.89	4.35	-6.79	4.05	-6.49	1.81	1108.37	24.57	49.59	1083.35	-162.75
413	8	580	35.47	245.83	-51.78	182.51	11.54	-121.80	811.01	-1276.72	-1258.05	792.33	-196.57
		1361	35.39	118.43	-89.41	-83.58	112.60	-34.32	2553.44	862.62	1997.36	1418.70	-794.36
		572	71.80	-361.83	-729.99	-455.69	-636.13	160.45	2820.48	-211.86	99.40	2509.22	-920.31
		571	28.83	211.71	-262.74	-255.98	204.95	56.25	1016.55	220.61	323.81	913.35	-267.37
413	40	580	33.86	236.36	-51.94	170.67	13.75	-120.93	713.81	-1243.35	-1234.43	704.89	-131.85
		1361	34.46	120.01	-98.90	-93.75	114.86	-33.18	2453.03	796.78	2000.65	1249.16	-737.98
		572	69.48	-361.68	-731.02	-459.00	-633.70	162.70	2661.38	-208.87	95.38	2357.13	-883.58
		571	27.50	214.52	-267.52	-260.35	207.35	58.33	904.37	238.50	330.38	812.50	-229.64
413	72	580	33.74	235.64	-51.96	169.75	13.93	-120.86	706.52	-1240.90	-1232.60	698.21	-126.88
		1361	34.47	120.13	-99.63	-94.53	115.03	-33.09	2445.85	791.19	2000.91	1236.12	-733.65
		572	69.30	-361.67	-731.10	-459.26	-633.51	162.88	2649.21	-208.65	95.08	2345.48	-880.78
		571	27.40	214.74	-267.89	-260.70	207.54	58.49	895.80	239.88	330.88	804.79	-226.74
414	4	581	12.33	108.35	-6.81	82.91	18.62	-47.77	550.48	-190.57	-111.55	471.47	-228.71
		1362	18.93	76.09	-86.76	-8.70	-1.98	-81.36	870.26	20.78	280.17	610.88	-391.23
		571	23.44	-1.51	-121.96	-121.89	-1.59	2.96	1186.16	-293.85	-95.04	987.35	-504.69
		573	15.00	12.35	-82.31	-72.13	2.17	-29.32	694.06	-142.52	49.47	502.07	-351.79
414	36	581	10.27	98.82	1.44	80.73	19.53	-37.87	465.96	-187.86	-130.36	408.47	-185.16
		1362	16.50	64.53	-80.16	-14.47	-1.16	-72.04	747.35	18.00	255.49	509.86	-341.78
		571	21.93	0.16	-132.44	-131.41	-0.87	11.68	1086.77	-284.00	-102.22	904.99	-464.91
		573	13.38	7.65	-85.52	-80.78	2.91	-20.46	614.49	-130.74	45.47	438.28	-316.65
414	68	581	10.11	98.09	2.06	80.55	19.60	-37.11	459.56	-187.71	-131.81	403.65	-181.83
		1362	16.31	63.64	-79.66	-14.92	-1.10	-71.32	737.96	17.76	253.59	502.13	-337.98
		571	21.82	0.33	-133.29	-132.14	-0.82	12.35	1079.16	-283.27	-102.79	898.68	-461.87
		573	13.26	7.37	-85.85	-81.45	2.97	-19.78	608.41	-129.85	45.16	433.40	-313.97
415	7	582	8.86	92.39	-26.39	62.47	3.53	-51.56	299.22	-146.18	-93.87	246.92	-143.39
		1363	11.41	65.09	-60.08	14.06	-9.05	-61.51	479.86	16.85	134.40	362.32	-201.51
		573	14.16	26.01	-49.81	-22.73	-1.08	-36.33	653.87	-172.20	-13.50	495.17	-325.45
		574	10.37	33.74	-52.22	-14.16	-4.31	-42.70	422.21	-101.25	3.12	317.84	-209.15
415	39	582	6.71	68.68	-15.79	49.31	3.58	-35.51	247.39	-128.54	-89.93	208.78	-114.12
		1363	9.27	41.47	-50.11	0.37	-9.01	-45.55	416.58	23.03	134.56	305.05	-177.36
		573	12.47	8.34	-44.53	-35.18	-1.01	-20.17	594.34	-173.74	-23.29	443.89	-304.83
		574	8.55	13.42	-43.96	-26.31	-4.23	-26.48	369.12	-94.16	-1.29	276.25	-185.47
415	71	582	6.55	66.88	-14.99	48.31	3.58	-34.28	243.43	-127.21	-89.64	205.86	-111.87
		1363	9.10	39.68	-49.37	-0.68	-9.01	-44.33	411.76	23.45	134.56	300.65	-175.50
		573	12.34	7.26	-44.40	-36.13	-1.00	-18.94	589.76	-173.84	-24.02	439.95	-303.24
		574	8.41	12.01	-43.48	-27.24	-4.23	-25.25	365.04	-93.62	-1.64	273.06	-183.65
416	7	583	6.43	74.46	-33.22	42.02	-0.78	-49.40	171.87	-80.41	-58.22	149.68	-71.46
		1364	8.20	60.41	-52.87	17.47	-9.93	-54.96	266.26	-7.97	64.55	193.74	-120.94
		574	10.03	41.32	-41.56	3.93	-4.17	-41.24	395.51	-139.32	-37.91	294.10	-209.64
		575	7.30	44.08	-48.21	1.90	-6.03	-45.97	251.51	-70.82	-36.55	217.23	-99.36
416	39	583	4.28	53.54	-17.93	36.11	-0.50	-30.68	128.96	-73.58	-58.94	114.32	-52.46
		1364	5.99	37.45	-38.21	8.96	-9.72	-36.66	220.47	0.70	62.90	158.27	-99.00
		574	8.12	17.69	-29.28	-7.56	-4.03	-23.42	352.03	-127.52	-35.08	259.59	-189.17
		575	5.45	20.66	-35.54	-8.99	-5.88	-28.06	209.40	-60.38	-33.75	182.77	-80.47
416	71	583	4.12	51.98	-16.80	35.66	-0.48	-29.26	125.69	-73.09	-59.00	111.61	-51.00

		1364	5.82	35.70	-37.09	8.32	-9.70	-35.26	216.96	1.34	62.75	155.55	-97.31
		574	7.98	15.94	-28.40	-8.44	-4.02	-22.06	348.70	-126.62	-34.87	256.94	-187.60
		575	5.31	18.92	-34.61	-9.82	-5.87	-26.69	206.18	-59.59	-33.55	180.14	-79.02
417	7	584	5.09	61.22	-36.94	26.49	-2.20	-46.93	103.35	-36.97	-36.97	103.35	0.13
		1365	5.62	51.70	-52.33	9.10	-9.73	-51.16	132.14	20.54	38.75	113.93	-41.25
		575	6.77	44.76	-40.84	9.44	-5.52	-42.14	235.59	-75.30	-42.09	202.37	-96.03
		576	6.13	44.81	-50.69	1.05	-6.92	-47.58	203.12	-57.74	-55.52	200.89	23.98
417	39	584	3.83	42.66	-18.61	26.14	-2.08	-27.20	66.96	-49.92	-48.74	65.78	11.71
		1365	3.54	31.51	-34.03	7.13	-9.65	-31.68	96.37	18.85	29.83	85.38	-27.04
		575	4.90	21.74	-26.08	1.26	-5.60	-23.66	198.45	-68.98	-41.88	171.35	-80.71
		576	4.69	22.27	-35.73	-6.48	-6.99	-29.00	171.61	-62.32	-56.00	165.29	37.92
417	71	584	3.74	41.32	-17.28	26.11	-2.07	-25.69	64.29	-51.02	-49.63	62.90	12.60
		1365	3.38	29.98	-32.65	6.98	-9.65	-30.20	93.64	18.72	29.16	83.20	-25.94
		575	4.77	19.99	-24.95	0.64	-5.61	-22.25	195.61	-68.50	-41.87	168.98	-79.53
		576	4.58	20.56	-34.60	-7.05	-6.99	-27.58	169.32	-62.79	-56.04	162.57	38.99
418	7	585	7.94	42.32	-48.50	-0.85	-5.33	-45.36	201.18	-131.09	-61.71	131.81	135.05
		1366	5.20	39.17	-53.38	-5.49	-8.72	-46.25	103.33	6.57	24.27	85.62	37.41
		576	5.52	39.00	-43.70	3.74	-8.44	-40.90	187.03	-44.02	-41.89	184.90	22.08
		577	10.69	41.98	-56.24	-6.27	-7.99	-49.10	399.94	-148.16	-81.39	333.16	179.28
418	39	585	5.93	26.49	-27.00	4.98	-5.49	-26.22	135.44	-147.87	-75.69	63.27	123.44
		1366	3.82	22.45	-32.88	-1.50	-8.93	-27.41	88.03	-19.06	11.26	57.70	48.24
		576	4.28	19.27	-28.19	-0.07	-8.86	-23.32	155.86	-54.90	-48.95	149.92	34.89
		577	9.33	22.58	-40.21	-9.24	-8.38	-31.39	362.13	-175.85	-90.49	276.77	196.56
418	71	585	5.78	25.32	-25.40	5.43	-5.50	-24.77	130.50	-149.23	-76.76	58.04	122.56
		1366	3.72	21.19	-31.34	-1.20	-8.95	-25.98	86.97	-21.13	10.27	55.57	49.08
		576	4.19	17.76	-27.01	-0.36	-8.89	-21.98	153.59	-55.81	-49.47	147.25	35.88
		577	9.22	21.10	-38.99	-9.47	-8.41	-30.04	359.38	-178.08	-91.18	272.48	197.88
419	7	586	16.09	19.04	-96.77	-74.49	-3.25	-45.65	557.32	-439.68	-155.51	273.15	450.07
		1367	9.52	29.76	-59.00	-23.92	-5.32	-43.39	305.33	-145.28	1.49	158.56	211.18
		577	11.05	16.89	-50.91	-10.00	-24.02	-33.17	403.43	-219.25	-93.98	278.16	249.62
		578	24.62	72.39	-71.20	2.64	-1.46	-71.77	1180.44	-285.19	-106.25	1001.50	479.83
419	39	586	13.53	7.70	-75.25	-63.19	-4.36	-29.24	440.67	-456.50	-179.60	163.76	414.43
		1367	7.40	17.21	-37.76	-14.08	-6.47	-27.22	247.91	-143.05	-9.95	114.80	185.26
		577	9.09	2.53	-37.72	-9.77	-25.42	-18.54	332.95	-222.16	-96.03	206.82	232.61
		578	22.34	57.43	-56.84	3.44	-2.84	-57.05	1076.68	-289.72	-113.40	900.37	458.07
419	71	586	13.33	6.88	-73.65	-62.33	-4.44	-27.99	431.81	-457.84	-181.44	155.41	411.71
		1367	7.24	16.26	-36.15	-13.32	-6.56	-25.98	243.53	-142.89	-10.82	111.46	183.28
		577	8.94	1.49	-36.76	-9.75	-25.53	-17.42	327.63	-222.42	-96.18	201.38	231.31
		578	22.16	56.29	-55.75	3.50	-2.95	-55.93	1068.77	-290.07	-113.94	892.65	456.41
420	7	40	254.91	38.66	-262.46	-187.13	-36.67	-130.42	1.695e+04	1065.41	4664.68	1.335e+04	6649.60
		1368	101.16	-31.76	-154.57	-112.55	-73.78	58.27	-2068.91	-7489.75	-2500.97	-7057.69	-1468.15
		578	46.68	46.41	-113.51	-37.98	-29.12	-79.84	2461.43	-345.09	841.85	1274.49	1386.48
		579	61.32	62.96	-45.55	36.32	-18.91	46.70	1279.37	-2972.05	-1707.52	14.84	-1943.45
420	39	40	240.88	34.25	-242.80	-169.82	-38.74	-122.04	1.597e+04	929.31	4413.01	1.249e+04	6345.12
		1368	99.16	-17.71	-152.54	-94.42	-75.83	66.77	-1938.78	-7345.29	-2520.86	-6763.21	-1675.77
		578	45.62	41.43	-105.26	-32.34	-31.49	-73.34	2384.09	-405.12	860.82	1118.14	1388.66
		579	61.77	71.61	-51.63	41.28	-21.30	53.09	790.41	-3323.83	-1808.86	-724.56	-1984.40
420	71	40	239.81	33.92	-241.31	-168.50	-38.89	-121.40	1.589e+04	918.85	4393.76	1.242e+04	6321.83
		1368	99.10	-16.55	-152.47	-93.04	-75.98	67.42	-1927.80	-7335.29	-2522.38	-6740.72	-1691.64
		578	45.55	41.06	-104.64	-31.91	-31.67	-72.85	2378.40	-409.94	862.26	1106.20	1388.82
		579	61.88	72.27	-52.09	41.66	-21.48	53.57	755.02	-3352.71	-1816.61	-781.08	-1987.53
421	2	589	8.80	42.14	-135.61	-61.47	-32.00	-87.64	56.66	-50.83	-47.10	52.93	-19.68
		984	8.16	120.81	-4.96	101.79	14.06	45.07	216.53	-28.07	-28.05	216.51	-2.04
		587	29.90	-398.58	-516.53	-412.36	-502.75	-37.88	561.77	99.40	110.79	550.38	71.68
		588	14.57	146.92	-125.61	-75.35	96.66	105.70	141.68	-69.33	-21.42	93.77	88.39
421	38	589	9.25	70.10	-130.06	-38.87	-21.09	-99.69	24.28	-47.87	-41.87	18.27	19.93
		984	7.19	140.99	16.43	132.26	25.16	31.80	-28.29	-66.63	-39.89	-55.03	-17.61
		587	27.65	-402.60	-514.69	-424.60	-492.68	-44.52	383.40	91.02	91.54	382.88	12.33
		588	13.21	148.33	-128.93	-87.33	106.73	99.02	34.94	-62.20	-35.08	7.81	43.58
421	70	589	9.37	72.35	-129.70	-37.06	-20.29	-100.68	18.32	-49.83	-41.79	10.29	21.98
		984	7.20	142.77	17.90	134.69	25.98	30.71	-32.89	-83.52	-40.93	-75.48	-18.50
		587	27.49	-402.69	-514.73	-425.48	-491.94	-45.09	370.56	88.63	88.87	370.32	8.17
		588	13.11	148.43	-129.14	-88.19	107.47	98.44	27.16	-61.75	-36.12	1.53	40.28
422	24	588	7.72	34.48	-115.87	-110.13	28.75	28.80	-32.65	-124.41	-33.08	-123.98	-6.28
		587	28.69	-193.12	-591.98	-295.03	-490.06	173.96	-33.52	-198.80	-44.61	-187.71	41.35
		590	17.34	197.11	-155.88	169.72	-128.50	-94.43	-8.03	-177.69	-9.22	-176.50	-14.16
		591	16.48	-8.96	-298.26	-87.29	-219.93	128.55	-36.44	-159.11	-39.40	-156.16	18.80
422	50	588	8.07	47.54	-124.48	-116.64	39.70	35.87	9.28	-28.61	-16.20	-3.12	17.78
		587	27.83	-190.73	-593.37	-304.94	-479.17	181.50	35.37	-106.30	-23.57	-47.36	69.83
		590	14.90	193.08	-142.41	168.12	-117.45	-88.04	23.47	-43.20	16.56	-36.29	20.31
		591	16.10	-2.05	-297.20	-90.34	-208.91	135.14	22.95	-76.10	-17.71	-35.44	48.72
422	82	588	8.18	48.89	-125.53	-117.54	40.90	36.47	9.40	-26.17	-16.25	-0.52	15.95
		587	27.77	-190.73	-593.49	-306.23	-477.98	182.15	34.92	-102.39	-23.49	-43.98	67.88
		590	14.82	192.85	-141.04	168.05	-116.24	-87.55	22.85	-39.21	16.66	-33.03	18.59
		591	16.04	-1.26	-296.80	-90.36	-207.70	135.62	22.38	-73.08	-17.75	-32.94	47.12
423	18	591	10.52	2.73	-180.05	-14.67	-162.66	53.63	22.66	-96.24	-13.93	-59.65	54.88
		590	10.11	-25.77	-193.96	-27.02	-192.71	-14.41	27.12	-104.74	-3.85	-73.76	55.90

		592	7.87	20.15	-128.66	16.62	-125.12	-22.66	23.95	-93.63	3.46	-73.13	44.61
		593	7.85	-11.50	-138.92	-14.46	-135.96	19.19	19.84	-86.65	-7.41	-59.40	46.47
423	50	591	9.25	9.24	-164.32	-13.88	-141.21	58.97	15.43	-53.79	-12.76	-25.61	34.01
		590	8.53	-23.56	-171.82	-24.14	-171.23	-9.32	19.15	-54.79	-1.27	-34.38	33.06
		592	6.24	18.90	-106.10	16.48	-103.68	-17.21	15.03	-45.93	3.21	-34.11	24.10
		593	6.41	-8.92	-120.27	-14.67	-114.52	24.65	12.04	-46.54	-8.53	-25.98	27.96
423	82	591	9.16	9.77	-163.21	-13.82	-139.63	59.36	14.95	-50.73	-12.67	-23.11	32.42
		590	8.41	-23.39	-170.20	-23.93	-169.65	-8.94	18.52	-51.08	-1.08	-31.48	31.31
		592	6.12	18.81	-104.44	16.47	-102.10	-16.81	14.31	-42.38	3.17	-31.24	22.53
		593	6.30	-8.67	-118.96	-14.68	-112.94	25.05	11.49	-43.65	-8.63	-23.53	26.55
424	2	593	8.96	-3.63	-126.10	-7.19	-122.54	20.57	55.94	-184.12	-5.98	-122.21	105.02
		592	8.31	-1.87	-122.71	-3.84	-120.74	-15.30	57.71	-206.03	0.15	-148.46	108.95
		594	7.20	4.10	-95.70	2.18	-93.77	-13.74	66.84	-188.27	22.55	-143.98	96.63
		595	7.34	-3.15	-100.75	-3.32	-100.58	4.08	59.69	-164.87	13.19	-118.38	90.99
424	50	593	6.71	-1.24	-121.87	-5.96	-117.14	23.41	8.28	-49.97	-9.56	-32.13	26.85
		592	6.31	-2.10	-116.70	-3.45	-115.35	-12.38	11.74	-51.62	0.47	-40.35	24.23
		594	5.11	3.47	-89.65	2.20	-88.38	-10.78	9.50	-47.85	1.82	-40.16	19.53
		595	5.24	-2.67	-95.72	-3.20	-95.19	7.02	4.35	-43.05	-6.31	-32.39	19.79
424	82	593	6.58	-0.93	-120.16	-5.92	-115.17	23.88	7.92	-46.57	-9.55	-29.11	25.43
		592	6.16	-1.96	-114.65	-3.24	-113.38	-11.93	11.25	-47.61	0.56	-36.92	22.70
		594	4.96	3.43	-87.60	2.24	-86.41	-10.32	8.93	-43.95	1.74	-36.76	18.13
		595	5.10	-2.62	-93.84	-3.24	-93.22	7.50	3.89	-39.67	-6.38	-29.40	18.49
425	2	595	9.26	-2.99	-110.90	-4.06	-109.83	10.72	15.49	-258.45	-14.97	-227.98	86.12
		594	9.20	-1.00	-104.81	-1.49	-104.33	-7.09	17.68	-293.64	-13.53	-262.43	93.50
		596	8.55	1.61	-90.31	1.18	-89.88	-6.26	25.84	-280.16	3.20	-257.52	80.10
		597	8.53	-0.46	-97.41	-0.51	-97.36	2.27	28.44	-244.19	8.54	-224.29	70.90
425	34	595	6.36	-1.94	-92.21	-3.72	-90.43	12.55	5.62	-123.75	-10.94	-107.18	43.23
		594	6.11	-0.10	-85.26	-0.43	-84.93	-5.31	9.70	-140.87	-6.06	-125.11	46.10
		596	5.45	1.33	-70.76	1.06	-70.49	-4.39	12.75	-134.03	1.76	-123.04	38.63
		597	5.61	-1.04	-78.20	-1.27	-77.97	4.18	11.31	-116.09	1.50	-106.28	33.97
425	66	595	6.14	-1.84	-90.86	-3.69	-89.01	12.69	4.88	-113.44	-10.63	-97.93	39.93
		594	5.88	-0.03	-83.83	-0.35	-83.51	-5.18	9.09	-129.16	-5.49	-114.58	42.46
		596	5.21	1.31	-69.33	1.05	-69.07	-4.25	11.74	-122.83	1.64	-112.74	35.44
		597	5.39	-1.08	-76.80	-1.33	-76.55	4.33	10.00	-106.28	0.96	-97.24	31.13
426	2	597	10.65	-2.61	-106.92	-2.79	-106.74	4.31	-12.56	-369.11	-24.62	-357.04	64.46
		596	10.84	-1.50	-99.81	-1.69	-99.61	-4.40	-14.44	-413.49	-27.90	-400.03	72.06
		598	10.48	1.05	-91.61	0.87	-91.43	-4.10	-5.06	-403.42	-13.23	-395.25	56.47
		599	10.30	-0.78	-100.11	-0.79	-100.10	-0.96	-1.43	-360.41	-8.15	-353.69	48.67
426	34	597	6.68	-2.22	-83.81	-2.64	-83.39	5.83	-8.41	-175.70	-14.29	-169.82	30.81
		596	6.60	-0.44	-76.37	-0.55	-76.26	-2.93	-6.59	-197.73	-13.14	-191.18	34.78
		598	6.23	0.85	-68.18	0.75	-68.08	-2.56	-2.38	-192.77	-6.23	-188.93	26.79
		599	6.33	-1.24	-76.76	-1.24	-76.75	0.59	-2.18	-171.93	-5.19	-168.92	22.40
426	66	597	6.38	-2.18	-82.12	-2.62	-81.68	5.94	-8.09	-160.86	-13.50	-155.46	28.23
		596	6.28	-0.36	-74.66	-0.47	-74.55	-2.82	-5.98	-181.18	-12.01	-175.16	31.92
		598	5.91	0.83	-66.46	0.75	-66.37	-2.45	-2.18	-176.62	-5.69	-173.10	24.51
		599	6.03	-1.27	-75.05	-1.28	-75.04	0.70	-2.24	-157.47	-4.97	-154.75	20.39
427	6	599	12.56	-2.33	-107.71	-2.72	-107.31	-6.43	-35.17	-504.92	-38.48	-501.61	39.29
		598	13.11	-2.17	-99.35	-3.11	-98.41	-9.52	-46.48	-578.59	-50.61	-574.47	46.68
		600	12.97	-0.28	-95.96	-1.33	-94.90	-10.00	-36.53	-569.31	-37.39	-568.45	21.40
		601	12.43	-2.17	-105.55	-3.33	-104.39	-10.89	-23.18	-497.23	-23.67	-496.74	15.17
427	38	599	7.47	-2.40	-81.29	-2.43	-81.26	-1.36	-18.18	-241.03	-19.63	-239.57	17.93
		598	7.54	-0.89	-72.64	-1.17	-72.36	-4.50	-22.14	-276.40	-24.08	-274.46	22.12
		600	7.37	-0.12	-69.21	-0.47	-68.85	-4.94	-17.39	-271.21	-17.78	-270.82	9.95
		601	7.32	-2.59	-78.78	-3.04	-78.34	-5.82	-11.37	-237.21	-11.56	-237.02	6.50
427	70	599	7.08	-2.39	-79.37	-2.40	-79.36	-0.98	-16.87	-220.79	-18.18	-219.48	16.29
		598	7.11	-0.79	-70.70	-1.03	-70.45	-4.13	-20.27	-253.22	-22.04	-251.45	20.24
		600	6.94	-0.10	-67.26	-0.41	-66.94	-4.57	-15.92	-248.35	-16.27	-248.00	9.08
		601	6.94	-2.61	-76.83	-3.02	-76.43	-5.44	-10.46	-217.27	-10.63	-217.10	5.84
428	6	601	15.85	-2.22	-121.90	-4.39	-119.72	-16.00	-54.70	-689.56	-55.24	-689.02	18.50
		600	15.57	-0.20	-107.30	-1.16	-106.34	-10.10	-66.31	-714.02	-66.72	-713.61	-16.13
		45	15.48	-19.11	-121.04	-24.11	-116.03	-22.03	-144.98	-726.58	-145.92	-725.64	-23.40
		602	14.77	-17.16	-112.41	-19.45	-110.12	-14.60	-139.52	-701.46	-139.73	-701.25	10.71
428	38	601	9.04	-3.37	-88.68	-4.31	-87.74	-8.93	-26.38	-328.95	-26.60	-328.73	8.19
		600	8.63	1.54	-74.48	1.41	-74.35	-3.06	-31.69	-340.27	-31.89	-340.07	-7.99
		45	8.74	-12.30	-87.20	-15.46	-84.04	-15.05	-68.84	-344.29	-69.29	-343.84	-11.15
		602	8.19	-13.86	-79.02	-14.75	-78.13	-7.58	-66.15	-333.02	-66.24	-332.92	4.99
428	70	601	8.53	-3.44	-86.26	-4.31	-85.39	-8.41	-24.20	-301.31	-24.40	-301.12	7.40
		600	8.11	1.69	-72.10	1.60	-72.01	-2.54	-29.03	-311.62	-29.22	-311.43	-7.37
		45	8.23	-11.80	-84.72	-14.82	-81.70	-14.54	-63.00	-314.98	-63.42	-314.57	-10.20
		602	7.69	-13.61	-76.59	-14.41	-75.79	-7.06	-60.53	-304.78	-60.61	-304.69	4.55
429	20	604	7.88	89.85	-53.78	39.57	-3.50	-68.51	-4.73	-159.00	-36.53	-127.21	62.40
		985	10.21	144.20	-20.69	101.14	22.38	-72.43	91.74	-105.29	-48.90	35.36	89.05
		588	6.85	9.04	-119.97	-113.25	2.32	-28.66	-81.47	-174.98	-85.89	-170.56	19.84
		603	4.58	44.52	-31.30	-6.22	19.45	-35.67	-26.28	-130.76	-30.40	-126.64	20.33
429	41	604	3.85	37.27	-37.97	3.08	-3.78	-37.46	75.88	14.36	18.75	71.49	15.83
		985	4.55	83.71	-4.32	57.47	21.92	-40.27	52.23	19.32	20.04	51.52	-4.79
		588	7.54	2.49	-130.96	-130.96	2.49	-0.53	56.76	-32.25	-30.76	55.27	11.44

		603	2.39	21.15	-22.86	-21.38	19.68	-7.93	61.52	-10.10	3.04	48.38	27.72
429	73	604	3.85	37.93	-37.64	4.06	-3.77	-37.58	70.54	12.30	17.30	65.54	16.31
		985	4.54	84.64	-4.10	58.59	21.95	-40.41	45.69	17.53	17.98	45.25	-3.50
		588	7.46	2.50	-130.46	-130.46	2.50	-0.57	49.82	-33.13	-31.55	48.24	11.33
		603	2.32	21.18	-22.50	-20.99	19.68	-7.96	56.32	-11.20	1.98	43.14	26.76
430	1	603	5.15	14.23	-57.13	-56.97	14.07	3.33	118.70	-68.04	-34.35	85.01	71.80
		588	11.13	0.04	-188.61	-164.12	-24.45	63.41	186.64	-3.07	30.36	153.21	72.28
		591	11.61	20.94	-176.62	-67.94	-87.74	98.28	235.95	-24.69	33.93	177.34	108.82
		605	7.58	12.10	-102.66	-72.54	-18.02	50.49	154.67	-37.15	23.54	93.98	89.21
430	33	603	3.59	19.68	-45.25	-44.44	18.87	-7.19	54.54	-45.22	-25.45	34.77	39.77
		588	9.31	-0.97	-167.86	-149.23	-19.60	52.56	81.83	-19.20	-1.96	64.59	38.01
		591	9.71	15.75	-163.23	-64.37	-83.11	89.00	121.96	-22.81	8.34	90.82	59.49
		605	6.01	8.33	-92.35	-70.60	-13.42	41.43	75.21	-32.18	-2.24	45.28	48.15
430	65	603	3.50	20.24	-44.49	-43.49	19.24	-7.97	49.72	-43.45	-24.76	31.02	37.31
		588	9.18	-1.02	-166.31	-148.10	-19.23	51.75	73.88	-20.39	-4.40	57.88	35.38
		591	9.58	15.37	-162.22	-64.10	-82.76	88.30	113.30	-22.61	6.42	84.27	55.70
		605	5.90	8.08	-91.61	-70.46	-13.07	40.76	69.23	-31.78	-4.19	41.64	45.00
431	3	605	6.78	34.64	-74.66	-52.33	12.30	44.08	88.77	-91.93	-6.82	3.66	-90.19
		591	11.43	28.11	-166.28	-50.56	-87.60	95.42	98.07	-94.24	1.60	2.23	-96.15
		593	7.60	26.27	-92.91	7.05	-73.69	43.83	76.51	-119.16	-44.18	1.53	-95.13
		606	7.35	24.66	-89.58	-31.37	-33.55	57.11	67.02	-114.95	-51.29	3.35	-86.78
431	33	605	5.40	7.90	-75.81	-64.54	-3.36	28.57	60.41	-61.01	-25.95	25.35	55.02
		591	9.60	-0.52	-165.38	-62.64	-103.26	79.89	68.72	-65.67	-19.31	22.35	63.88
		593	5.66	6.94	-97.36	-1.12	-89.30	27.85	74.98	-37.15	11.89	25.94	55.62
		606	5.25	-2.52	-85.23	-38.60	-49.15	41.02	66.28	-38.97	-2.11	29.43	50.21
431	65	605	5.31	8.07	-75.53	-64.16	-3.30	28.66	55.90	-57.88	-25.73	23.75	51.23
		591	9.51	-0.15	-165.27	-62.22	-103.20	79.98	63.71	-62.14	-19.07	20.64	59.71
		593	5.61	7.20	-97.34	-0.91	-89.24	27.96	69.24	-35.02	10.09	24.13	51.65
		606	5.18	-2.28	-85.24	-38.43	-49.09	41.13	61.19	-37.16	-3.69	27.73	46.60
432	7	606	7.03	20.71	-75.05	-28.90	-25.44	47.85	168.13	-51.64	-3.24	119.73	-91.08
		593	8.43	17.95	-95.91	-8.46	-69.50	48.06	185.89	-39.68	11.13	135.08	-94.23
		595	6.62	12.17	-64.65	-0.33	-52.15	28.35	177.39	-45.34	1.99	130.07	-91.11
		607	5.89	12.54	-62.59	-14.56	-35.49	36.08	77.39	-130.95	-12.53	-41.03	-103.19
432	38	606	4.86	-12.76	-74.68	-34.39	-53.05	29.52	16.93	-88.02	-28.93	-42.16	52.06
		593	6.66	-5.93	-106.92	-15.74	-97.12	29.90	20.86	-99.82	-21.20	-57.76	57.50
		595	5.16	-0.68	-80.90	-1.86	-79.72	9.64	19.36	-88.05	-11.94	-56.74	48.81
		607	3.66	-12.58	-69.23	-18.73	-63.08	17.62	62.80	-49.42	-18.33	31.71	50.23
432	70	606	4.77	-11.93	-74.62	-34.24	-52.31	30.02	15.40	-81.41	-28.23	-37.78	48.17
		593	6.53	-5.39	-106.53	-15.54	-96.38	30.39	19.33	-92.19	-20.32	-52.54	53.39
		595	5.03	-0.50	-80.29	-1.82	-78.98	10.15	17.65	-80.91	-11.57	-51.68	45.01
		607	3.61	-12.08	-68.88	-18.62	-62.34	18.12	57.70	-46.14	-18.18	29.74	46.06
433	2	607	7.00	-18.64	-81.11	-20.16	-79.59	9.62	-9.53	-237.94	-46.64	-200.83	84.25
		595	8.41	-6.14	-97.85	-6.34	-97.65	4.28	-7.27	-270.60	-43.86	-234.01	91.08
		597	7.67	-2.66	-86.74	-2.96	-86.44	-5.02	-6.85	-259.22	-33.49	-232.58	77.55
		608	6.77	-11.81	-80.10	-11.83	-80.08	-1.17	-8.54	-227.54	-34.32	-201.77	70.57
433	38	607	4.86	-13.36	-71.02	-19.12	-65.26	17.29	-10.55	-112.83	-30.89	-92.49	40.83
		595	5.97	-3.57	-85.11	-5.36	-83.31	11.95	-5.22	-130.92	-25.12	-111.02	45.88
		597	5.23	-2.02	-72.21	-2.12	-72.11	2.66	-5.33	-124.63	-18.69	-111.27	37.62
		608	4.56	-10.39	-66.52	-11.16	-65.75	6.53	-10.14	-107.32	-22.41	-95.05	32.28
433	70	607	4.70	-12.90	-70.48	-19.05	-64.33	17.79	-10.63	-103.09	-29.68	-84.04	37.40
		595	5.78	-3.35	-84.34	-5.31	-82.38	12.46	-5.08	-119.99	-23.66	-101.41	42.31
		597	5.05	-1.93	-71.32	-2.07	-71.17	3.16	-5.25	-114.10	-17.55	-101.79	34.47
		608	4.39	-10.21	-65.72	-11.12	-64.82	7.03	-10.30	-97.93	-21.50	-86.73	29.26
434	2	608	8.68	-12.82	-86.76	-12.84	-86.74	-1.20	-45.72	-339.91	-61.25	-324.39	65.77
		597	9.75	-3.15	-93.66	-3.37	-93.44	-4.43	-47.28	-380.50	-62.77	-365.02	70.15
		599	9.31	-4.87	-88.35	-6.05	-87.16	-9.87	-49.69	-374.27	-59.37	-364.59	55.21
		609	8.62	-8.18	-86.60	-9.21	-85.57	-8.93	-46.07	-336.19	-55.56	-326.70	51.60
434	34	608	5.49	-11.50	-71.02	-12.22	-70.29	6.52	-28.30	-159.86	-35.17	-152.99	29.27
		597	6.27	-2.84	-77.14	-2.99	-76.99	3.31	-25.12	-181.05	-32.66	-173.51	33.45
		599	5.87	-3.65	-70.78	-3.72	-70.71	-2.24	-25.32	-178.47	-29.73	-174.07	25.59
		609	5.43	-8.55	-69.14	-8.58	-69.12	-1.21	-26.22	-159.98	-29.94	-156.26	22.00
434	66	608	5.25	-11.31	-69.96	-12.18	-69.09	7.09	-26.96	-146.05	-33.17	-139.84	26.47
		597	6.00	-2.75	-75.99	-2.96	-75.79	3.87	-23.42	-165.75	-30.35	-158.82	30.63
		599	5.61	-3.51	-69.54	-3.55	-69.50	-1.68	-23.45	-163.45	-27.45	-159.46	23.32
		609	5.19	-8.52	-67.92	-8.53	-67.91	-0.65	-24.69	-146.47	-27.97	-143.18	19.74
435	6	609	10.82	-9.94	-90.85	-10.86	-89.93	-8.57	-81.52	-480.70	-87.41	-474.81	48.13
		599	11.51	-5.87	-92.41	-6.82	-91.46	-9.02	-86.48	-517.29	-91.25	-512.52	45.07
		601	11.20	-9.75	-90.75	-12.22	-88.29	-13.91	-102.02	-516.58	-104.47	-514.12	31.81
		610	10.68	-11.17	-90.69	-13.49	-88.36	-13.39	-94.90	-481.92	-98.39	-478.43	36.61
435	38	609	6.53	-9.77	-72.19	-9.77	-72.19	-0.65	-42.75	-229.35	-44.99	-227.11	20.31
		599	6.97	-4.21	-73.74	-4.23	-73.72	-1.14	-42.77	-246.85	-44.90	-244.72	20.74
		601	6.71	-7.05	-71.13	-7.64	-70.54	-6.09	-49.07	-246.35	-50.15	-245.27	14.55
		610	6.44	-10.13	-71.12	-10.63	-70.62	-5.52	-46.84	-231.05	-48.19	-229.70	15.70
435	70	609	6.20	-9.69	-70.89	-9.69	-70.89	-0.06	-39.78	-210.08	-41.74	-208.12	18.18
		599	6.63	-4.04	-72.42	-4.04	-72.42	-0.56	-39.41	-226.12	-41.34	-224.19	18.87
		601	6.37	-6.81	-69.73	-7.30	-69.24	-5.52	-45.01	-225.63	-45.98	-224.65	13.23
		610	6.12	-10.01	-69.73	-10.42	-69.32	-4.94	-43.15	-211.82	-44.34	-210.63	14.10

436	6	610	12.04	-11.85	-94.32	-14.01	-92.16	-13.16	-115.07	-566.65	-117.14	-564.58	30.50
		601	13.97	-10.39	-92.97	-12.09	-91.28	-11.71	-142.38	-707.45	-144.39	-705.43	33.69
		602	13.73	-15.03	-92.67	-19.09	-88.61	-17.29	-139.57	-701.23	-139.77	-701.03	10.68
		611	11.90	-14.58	-92.34	-16.67	-90.25	-12.59	-111.40	-560.75	-111.62	-560.53	9.88
436	38	610	7.15	-10.72	-74.14	-11.19	-73.66	-5.47	-56.38	-272.18	-57.16	-271.41	12.92
		601	8.07	-7.43	-73.03	-7.68	-72.78	-4.04	-68.27	-337.41	-69.16	-336.52	15.50
		602	7.81	-12.75	-71.72	-14.37	-70.11	-9.62	-66.21	-332.88	-66.31	-332.79	5.04
		611	6.99	-13.16	-72.16	-13.57	-71.75	-4.90	-53.18	-268.09	-53.28	-267.99	4.55
436	70	610	6.78	-10.60	-72.70	-10.98	-72.31	-4.90	-51.86	-249.54	-52.54	-248.86	11.57
		601	7.62	-7.16	-71.61	-7.35	-71.42	-3.48	-62.59	-309.05	-63.40	-308.24	14.10
		602	7.36	-12.56	-70.21	-14.02	-68.75	-9.05	-60.59	-304.65	-60.68	-304.56	4.61
		611	6.62	-13.01	-70.72	-13.34	-70.39	-4.33	-48.71	-245.59	-48.79	-245.50	4.14
437	4	613	4.46	70.90	-11.32	65.08	-5.50	-21.09	-42.61	-112.32	-51.54	-103.40	-23.29
		986	5.78	102.13	-2.03	96.54	3.56	-23.48	-37.72	-126.73	-49.21	-115.24	-29.85
		603	2.37	26.99	-12.57	-0.92	15.33	-18.03	-51.12	-111.00	-63.90	-98.22	-24.54
		612	2.59	36.61	0.70	30.83	6.49	-13.21	-4.03	-83.72	-12.07	-75.68	-24.00
437	52	613	3.43	44.40	-21.70	30.04	-7.34	-27.25	-13.98	-76.61	-25.58	-65.02	24.33
		986	4.18	71.21	-10.64	58.92	1.66	-29.25	-18.69	-69.06	-24.89	-62.86	16.55
		603	3.48	26.87	-37.67	-24.55	13.76	-25.97	-17.72	-69.12	-31.55	-55.28	22.80
		612	2.79	28.03	-14.74	8.34	4.95	-21.32	-0.60	-65.52	-25.33	-40.79	31.53
437	84	613	3.31	42.98	-20.99	29.30	-7.31	-26.23	-12.55	-73.26	-24.14	-61.67	23.86
		986	4.07	69.76	-10.00	58.07	1.68	-28.21	-17.03	-64.31	-23.23	-58.12	15.95
		603	3.40	26.02	-37.27	-25.05	13.80	-24.98	-15.73	-65.89	-30.14	-51.48	22.69
		612	2.70	26.82	-13.96	7.88	4.99	-20.34	1.07	-63.43	-24.67	-37.69	31.58
438	17	612	3.16	15.80	-25.67	-20.50	10.63	13.69	90.89	-13.30	-3.00	80.59	31.10
		603	4.58	20.27	-61.95	-56.05	14.37	21.21	100.22	21.56	25.11	96.67	16.34
		605	6.78	29.01	-97.14	-63.38	-4.74	55.85	111.57	-7.33	-3.03	107.27	22.22
		614	4.77	20.44	-55.94	-41.01	5.51	30.29	98.54	-18.41	-9.81	89.94	30.53
438	33	612	2.61	9.46	-26.64	-22.01	4.83	-12.07	66.66	-60.44	-24.54	30.76	57.21
		603	3.37	8.88	-57.80	-57.48	8.57	-4.55	66.21	-19.94	10.83	35.44	41.28
		605	5.38	2.68	-80.00	-66.74	-10.58	30.34	68.16	-47.12	-26.32	47.36	44.33
		614	3.51	0.18	-44.71	-44.20	-0.33	4.77	69.34	-58.70	-30.87	41.52	52.81
438	65	612	2.54	9.70	-25.50	-20.71	4.91	-12.07	62.42	-58.64	-24.23	28.02	54.60
		603	3.28	8.98	-56.39	-56.07	8.65	-4.57	60.84	-20.49	8.76	31.58	39.03
		605	5.28	2.91	-79.43	-66.00	-10.51	30.42	62.98	-45.30	-26.02	43.70	41.42
		614	3.42	0.28	-44.10	-43.56	-0.26	4.85	64.97	-56.44	-30.39	38.92	49.84
439	3	614	4.00	23.48	-32.56	-19.28	10.19	23.84	74.92	-57.18	8.41	9.32	-66.05
		605	6.72	31.09	-75.79	-37.53	-7.17	51.24	83.29	-71.58	12.10	-0.39	-77.18
		606	7.21	29.37	-83.86	-23.33	-31.17	56.48	85.01	-82.55	-1.84	4.31	-83.72
		615	5.40	20.63	-57.28	-29.85	-6.80	37.21	82.96	-76.17	-8.32	15.12	-78.70
439	49	614	3.45	10.21	-44.11	-38.53	4.64	16.48	48.31	-30.34	-22.64	40.61	23.37
		605	5.34	14.02	-85.38	-58.60	-12.75	44.10	43.32	-22.71	-16.62	37.22	19.12
		606	4.87	13.13	-83.02	-33.30	-36.59	48.05	46.70	-18.28	-13.82	42.25	16.42
		615	3.66	6.18	-56.70	-38.31	-12.21	28.60	48.77	-25.86	-22.98	45.89	14.36
439	81	614	3.35	9.29	-43.36	-38.30	4.23	15.52	45.71	-30.52	-23.03	38.22	22.70
		605	5.23	12.95	-84.44	-58.34	-13.15	43.13	40.33	-22.97	-17.09	34.44	18.39
		606	4.78	12.01	-82.29	-33.27	-37.00	47.11	43.67	-18.57	-14.39	39.49	15.58
		615	3.57	5.04	-55.97	-38.31	-12.62	27.67	46.18	-26.11	-23.46	43.53	13.58
440	3	615	5.67	19.91	-53.98	-29.86	-4.21	34.65	83.99	-104.44	8.46	-28.90	-92.34
		606	7.47	26.61	-83.26	-26.77	-29.88	54.91	168.51	-24.96	20.46	123.09	-82.01
		607	6.81	19.91	-71.03	-12.54	-38.57	43.56	163.45	-33.20	11.69	118.57	-82.53
		616	5.69	12.64	-58.90	-26.79	-19.47	35.58	81.44	-112.25	-0.24	-30.57	-95.65
440	35	615	3.50	4.40	-49.87	-33.83	-11.65	24.77	34.57	-49.75	-10.96	-4.22	-42.02
		606	5.42	11.12	-79.19	-30.74	-37.32	45.03	79.52	-17.33	-1.04	63.22	-36.23
		607	4.89	6.64	-67.33	-14.69	-46.00	33.51	79.13	-21.80	-3.11	60.44	-39.21
		616	3.65	-1.83	-52.63	-27.57	-26.88	25.40	38.17	-57.92	-13.12	-6.62	-47.93
440	67	615	3.35	3.26	-49.59	-34.13	-12.20	24.04	31.11	-45.88	-12.43	-2.34	-38.17
		606	5.27	9.98	-78.90	-31.04	-37.87	44.31	72.86	-16.84	-2.68	58.69	-32.71
		607	4.75	5.70	-67.11	-14.85	-46.55	32.77	72.76	-20.95	-4.23	56.04	-35.88
		616	3.51	-2.88	-52.18	-27.63	-27.43	24.65	35.07	-53.97	-14.10	-4.80	-44.28
441	3	616	6.13	12.65	-55.72	-25.56	-17.52	33.95	237.24	-7.43	23.98	205.83	-81.84
		607	7.42	19.67	-69.65	-14.19	-35.80	43.33	250.02	6.68	36.30	220.40	-79.56
		608	6.71	13.37	-58.70	-8.34	-36.99	33.06	241.14	6.72	34.14	213.72	-75.34
		617	5.90	7.20	-50.86	-17.62	-26.03	28.72	226.18	-7.44	23.34	195.40	-79.02
441	39	616	4.06	-3.51	-50.84	-27.19	-27.15	23.66	121.22	-15.84	-1.15	106.53	-42.40
		607	5.25	4.89	-67.25	-16.93	-45.43	33.13	123.30	-4.16	8.91	110.24	-38.66
		608	4.69	1.15	-57.46	-9.69	-46.62	22.76	118.59	-3.25	10.42	104.93	-38.45
		617	3.97	-7.06	-47.51	-18.92	-35.66	18.41	114.23	-15.02	1.79	97.42	-43.48
441	71	616	3.91	-4.56	-50.54	-27.31	-27.79	22.99	112.19	-16.48	-3.10	98.81	-39.29
		607	5.08	3.96	-67.14	-17.11	-46.07	32.46	113.42	-4.99	6.78	101.65	-35.42
		608	4.54	0.45	-57.47	-9.76	-47.26	22.08	109.02	-4.00	8.57	96.45	-35.53
		617	3.82	-7.91	-47.38	-19.00	-36.30	17.74	105.50	-15.58	0.12	89.80	-40.68
442	6	617	6.92	-20.91	-64.62	-21.90	-63.64	-6.50	-72.82	-317.47	-86.39	-303.90	55.99
		608	8.06	-12.86	-74.17	-12.89	-74.13	-1.47	-70.06	-347.94	-85.45	-332.56	63.55
		609	8.03	-8.06	-74.78	-9.33	-73.50	-9.14	-67.65	-345.54	-78.20	-334.99	53.12
		618	7.28	-13.37	-70.51	-16.05	-67.83	-12.07	-68.54	-319.65	-77.39	-310.80	46.30
442	39	617	4.54	-8.00	-48.16	-20.12	-36.04	18.43	165.90	3.28	15.24	153.94	-42.44

		608	5.31	0.25	-58.32	-11.54	-46.53	23.49	172.98	15.11	24.01	164.08	-36.42
		609	4.88	-1.86	-51.57	-7.52	-45.91	15.79	166.92	19.98	27.69	159.22	-32.76
		618	4.33	-8.96	-45.52	-14.25	-40.23	12.86	155.61	9.84	20.77	144.68	-38.38
442	71	617	4.36	-8.86	-48.08	-20.16	-36.78	17.77	152.79	1.21	12.48	141.52	-39.77
		608	5.12	-0.45	-58.39	-11.57	-47.28	22.82	158.85	12.80	21.04	150.61	-33.70
		609	4.69	-2.40	-51.82	-7.57	-46.65	15.12	153.03	17.59	24.81	145.81	-30.43
		618	4.15	-9.57	-45.70	-14.30	-40.98	12.19	142.77	7.66	18.10	132.32	-36.09
443	6	618	9.30	-13.90	-73.67	-15.98	-71.59	-10.96	-101.51	-450.14	-106.22	-445.43	40.23
		609	10.17	-8.48	-77.76	-9.30	-76.94	-7.52	-103.12	-485.44	-109.39	-479.18	48.53
		610	10.15	-6.39	-78.42	-8.81	-76.00	-12.99	-96.98	-482.37	-100.55	-478.79	36.95
		619	9.54	-9.61	-76.92	-13.07	-73.45	-14.87	-93.18	-451.48	-95.89	-448.77	31.08
443	38	618	5.61	-15.63	-60.62	-15.74	-60.52	-2.21	-55.01	-215.42	-56.14	-214.30	13.38
		609	6.22	-9.04	-65.90	-9.06	-65.87	1.23	-53.11	-231.56	-55.50	-229.18	20.50
		610	6.20	-8.12	-65.24	-8.44	-64.93	-4.24	-47.82	-231.20	-49.21	-229.82	15.87
		619	5.85	-11.85	-63.13	-12.59	-62.38	-6.13	-47.58	-219.35	-48.29	-218.64	11.01
443	70	618	5.33	-15.67	-59.76	-15.73	-59.70	-1.56	-51.41	-197.46	-52.30	-196.58	11.33
		609	5.92	-8.98	-65.12	-9.05	-65.06	1.88	-49.27	-212.10	-51.36	-210.01	18.35
		610	5.89	-8.18	-64.35	-8.41	-64.12	-3.59	-44.05	-211.95	-45.27	-210.73	14.26
		619	5.56	-11.95	-62.18	-12.56	-61.57	-5.49	-44.07	-201.57	-44.64	-201.00	9.47
444	5	619	10.67	-9.17	-57.56	-9.27	-57.46	-2.14	-123.49	-585.06	-124.37	-584.17	20.18
		610	11.71	-3.12	-59.82	-3.17	-59.77	1.65	-133.64	-643.61	-135.00	-642.26	26.24
		611	11.45	-11.44	-58.64	-11.66	-58.43	-3.20	-126.96	-637.75	-127.08	-637.63	7.71
		620	10.67	-11.45	-58.34	-11.47	-58.32	-1.00	-115.66	-581.04	-115.72	-580.98	5.28
444	37	619	6.44	-11.18	-56.03	-11.18	-56.03	-0.30	-61.53	-283.58	-61.69	-283.41	6.11
		610	7.00	-5.87	-58.57	-6.11	-58.34	3.51	-65.06	-308.35	-65.55	-307.86	10.92
		611	6.80	-11.21	-57.03	-11.25	-56.99	-1.38	-60.46	-304.14	-60.51	-304.09	3.52
		620	6.48	-11.18	-56.90	-11.20	-56.88	0.82	-55.83	-281.07	-55.85	-281.06	2.08
444	69	619	6.12	-11.32	-55.93	-11.32	-55.92	-0.16	-56.77	-260.49	-56.89	-260.37	5.02
		610	6.64	-6.07	-58.49	-6.32	-58.23	3.65	-59.80	-282.66	-60.23	-282.24	9.74
		611	6.44	-11.18	-56.92	-11.22	-56.89	-1.25	-55.37	-278.58	-55.41	-278.53	3.20
		620	6.16	-11.16	-56.80	-11.18	-56.78	0.96	-51.25	-258.09	-51.26	-258.08	1.84
445	26	622	4.99	34.81	-29.02	14.58	-8.79	-29.70	78.45	-95.17	-19.38	2.67	86.11
		987	4.40	46.13	-22.33	28.71	-4.91	-29.81	17.91	-114.90	-19.90	-77.08	59.93
		612	5.24	32.42	-40.17	-10.46	2.71	-35.69	96.43	-87.09	-37.87	47.21	81.30
		621	5.33	29.90	-31.59	-1.16	-0.53	-30.74	110.39	-105.14	-42.06	47.32	98.06
445	58	622	3.21	26.50	-15.65	19.09	-8.24	-16.04	40.89	-78.92	-17.49	-20.54	59.88
		987	2.95	39.21	-10.36	33.22	-4.37	-16.16	10.15	-78.03	-14.86	-53.02	39.75
		612	3.35	20.63	-24.30	-6.91	3.24	-21.89	56.30	-65.09	-28.51	19.73	55.70
		621	3.48	18.09	-15.82	2.28	-9.48e-03	-16.92	74.50	-83.62	-33.39	24.28	73.61
445	90	622	3.08	26.05	-14.80	19.45	-8.20	-15.04	38.17	-77.79	-17.37	-22.25	57.93
		987	2.86	38.89	-9.64	33.58	-4.33	-15.15	9.54	-75.32	-14.50	-51.28	38.24
		612	3.21	19.77	-23.13	-6.64	3.28	-20.87	53.35	-63.46	-27.82	17.71	53.79
		621	3.35	17.24	-14.67	2.55	0.03	-15.91	71.85	-82.02	-32.75	22.58	71.79
446	18	621	5.36	33.11	-45.10	-6.84	-5.15	-39.10	31.26	-121.19	-55.62	-34.31	75.48
		612	5.19	32.51	-49.26	-15.37	-1.38	-40.28	14.07	-112.68	-43.26	-55.34	63.09
		614	3.77	7.94	-54.50	-42.32	-4.24	-24.74	4.60	-94.89	-50.94	-39.35	49.41
		623	4.56	19.24	-55.39	-30.92	-5.23	-35.04	28.50	-93.73	-55.17	-10.05	56.80
446	33	621	2.42	-0.49	-16.55	-14.59	-2.46	-5.26	78.92	-83.86	-38.33	33.39	73.06
		612	2.22	2.81	-25.34	-23.83	1.30	-6.34	67.86	-61.63	-22.66	28.89	59.39
		614	3.65	0.12	-45.41	-43.86	-1.43	8.24	68.41	-59.93	-33.72	42.20	51.74
		623	2.98	-2.26	-32.18	-32.03	-2.41	-2.11	83.96	-69.90	-41.07	55.13	60.03
446	65	621	2.35	-0.20	-15.53	-13.37	-2.36	-5.33	74.94	-81.65	-37.88	31.17	70.28
		612	2.14	3.01	-24.14	-22.53	1.40	-6.43	63.57	-59.65	-22.28	26.20	56.64
		614	3.56	0.22	-44.68	-43.11	-1.34	8.24	64.09	-57.74	-33.24	39.58	48.84
		623	2.89	-2.18	-31.50	-31.35	-2.33	-2.11	80.03	-67.57	-40.52	52.98	57.10
447	3	623	2.94	16.91	-18.71	-5.40	3.60	17.23	67.70	-47.01	-3.87	24.55	-55.57
		614	4.20	24.03	-35.49	-14.64	3.18	28.39	71.19	-55.96	6.60	8.63	-63.57
		615	5.46	22.37	-57.91	-24.57	-10.97	39.56	81.69	-67.29	0.36	14.05	-74.18
		624	4.04	11.83	-38.95	-23.07	-4.04	23.54	85.37	-65.40	-8.32	28.30	-73.13
447	49	623	2.87	2.51	-30.44	-26.74	-1.20	10.41	63.19	-44.03	-35.02	54.18	29.75
		614	3.57	8.62	-47.77	-37.52	-1.63	21.75	48.29	-31.91	-23.97	40.35	23.96
		615	3.77	7.34	-59.11	-36.14	-15.63	31.60	48.37	-27.76	-25.02	45.63	14.16
		624	2.95	-1.27	-40.80	-33.39	-8.69	15.43	59.52	-36.19	-34.40	57.74	12.96
447	81	623	2.78	1.69	-29.60	-26.53	-1.38	9.31	60.92	-44.05	-35.24	52.11	29.11
		614	3.46	7.67	-46.78	-37.30	-1.81	20.65	45.72	-32.01	-24.25	37.97	23.29
		615	3.67	6.19	-58.15	-36.13	-15.82	30.53	45.81	-27.86	-25.33	43.28	13.41
		624	2.87	-2.25	-40.01	-33.39	-8.87	14.36	57.33	-36.27	-34.64	55.70	12.23
448	3	624	4.36	11.44	-38.41	-23.11	-3.85	22.99	81.22	-87.92	6.91	-13.62	-83.95
		615	5.86	21.72	-57.85	-25.29	-10.84	39.13	83.84	-98.24	17.35	-31.75	-87.66
		616	5.91	16.38	-62.00	-21.52	-24.10	39.17	84.33	-107.00	10.61	-33.28	-93.12
		625	4.89	4.74	-49.41	-29.79	-14.87	26.03	85.38	-104.24	1.38	-20.23	-94.19
448	35	624	2.27	-3.27	-34.02	-28.46	-8.83	11.83	38.49	-43.73	-16.37	11.13	-38.74
		615	3.68	5.60	-52.42	-30.99	-15.83	28.00	33.48	-45.87	-6.69	-5.70	-39.67
		616	3.83	1.07	-54.71	-24.57	-29.07	27.80	38.76	-54.68	-7.94	-7.98	-46.72
		625	2.82	-9.77	-40.55	-30.51	-19.81	14.43	45.18	-57.92	-16.54	3.81	-50.54
448	67	624	2.13	-4.28	-33.80	-28.87	-9.21	11.01	35.99	-41.13	-18.14	13.01	-35.28
		615	3.52	4.42	-52.04	-31.42	-16.21	27.19	29.95	-42.19	-8.52	-3.72	-35.99

		616	3.68	-0.06	-54.18	-24.80	-29.44	26.96	35.50	-50.90	-9.35	-6.05	-43.17
		625	2.68	-10.84	-39.91	-30.56	-20.19	13.58	42.50	-54.77	-17.90	5.63	-47.19
449	3	625	5.37	3.97	-46.64	-27.31	-15.37	24.59	233.34	-7.81	23.91	201.62	-81.51
		616	6.54	14.44	-62.03	-23.77	-23.83	38.23	237.95	4.51	35.07	207.39	-78.74
		617	6.36	9.64	-58.51	-16.81	-32.06	33.21	227.43	1.00	31.68	196.75	-77.50
		626	5.48	-0.25	-47.91	-23.24	-24.92	23.81	218.92	-12.47	21.97	184.48	-82.36
449	35	625	3.31	-11.22	-39.43	-29.37	-21.29	13.52	124.66	-21.10	-5.42	108.98	-45.16
		616	4.33	-0.66	-55.14	-26.05	-29.75	27.18	120.42	-10.00	3.98	106.45	-40.34
		617	4.24	-3.94	-52.32	-18.29	-37.97	22.10	113.83	-10.92	5.60	97.31	-42.28
		626	3.49	-14.41	-40.58	-24.16	-30.83	12.65	114.02	-23.17	-2.47	93.31	-49.11
449	67	625	3.16	-12.34	-38.91	-29.52	-21.73	12.70	116.37	-22.14	-7.67	101.90	-42.37
		616	4.16	-1.77	-54.65	-26.22	-30.19	26.37	111.45	-11.13	1.60	98.72	-37.39
		617	4.08	-4.89	-51.92	-18.40	-38.41	21.28	105.13	-11.83	3.60	89.70	-39.58
		626	3.35	-15.40	-40.10	-24.23	-31.27	11.83	105.99	-23.99	-4.34	86.34	-46.56
450	7	626	6.44	-3.67	-46.81	-23.98	-26.50	21.53	319.40	24.40	48.40	295.40	-80.65
		617	7.37	6.04	-57.96	-19.07	-32.85	31.25	337.85	39.18	59.71	317.32	-75.57
		618	7.06	3.05	-53.75	-13.45	-37.24	25.79	322.69	40.85	57.55	305.99	-66.55
		627	6.28	-4.90	-46.38	-18.30	-32.98	19.40	297.56	27.37	47.77	277.16	-71.38
450	39	626	4.05	-16.47	-40.99	-24.70	-32.75	11.58	161.48	-5.03	10.67	145.78	-48.66
		617	4.80	-6.11	-52.85	-19.85	-39.10	21.30	166.39	7.52	19.30	154.61	-41.63
		618	4.58	-7.23	-50.41	-14.14	-43.49	15.83	155.33	11.21	21.75	144.79	-37.52
		627	3.98	-15.13	-42.93	-18.82	-39.23	9.44	144.09	-0.53	14.55	129.02	-44.19
450	71	626	3.87	-17.34	-40.63	-24.76	-33.22	10.85	149.38	-7.31	7.77	134.30	-46.21
		617	4.60	-6.95	-52.53	-19.91	-39.57	20.56	153.24	5.09	16.20	142.13	-39.02
		618	4.39	-7.87	-50.28	-14.19	-43.96	15.10	142.52	8.92	19.01	132.43	-35.30
		627	3.81	-15.70	-42.85	-18.86	-39.70	8.70	132.38	-2.73	12.00	117.65	-42.11
451	6	627	8.21	-14.07	-65.30	-19.83	-59.54	-16.18	-102.66	-414.10	-104.94	-411.82	26.55
		618	8.89	-14.01	-65.07	-15.83	-63.26	-9.45	-103.86	-449.96	-108.18	-445.64	38.40
		619	9.15	-9.48	-68.76	-12.86	-65.39	-13.74	-92.40	-450.34	-94.58	-448.16	27.89
		628	8.68	-9.58	-69.36	-15.56	-63.38	-17.94	-89.38	-421.70	-90.48	-420.60	19.10
451	38	627	5.01	-18.37	-54.23	-19.77	-52.82	-6.97	-57.82	-200.52	-57.87	-200.47	2.48
		618	5.42	-15.64	-56.53	-15.64	-56.53	-0.24	-56.08	-215.37	-57.07	-214.39	12.50
		619	5.66	-12.02	-59.10	-12.47	-58.66	-4.54	-47.12	-218.82	-47.65	-218.29	9.48
		628	5.45	-13.46	-58.42	-15.22	-56.65	-8.73	-47.45	-210.64	-47.48	-210.61	2.35
451	70	627	4.77	-18.60	-53.49	-19.77	-52.32	-6.29	-54.25	-184.27	-54.26	-184.27	0.64
		618	5.16	-15.62	-56.04	-15.62	-56.03	0.44	-52.38	-197.42	-53.15	-196.66	10.52
		619	5.39	-12.11	-58.49	-12.44	-58.16	-3.86	-43.64	-201.09	-44.05	-200.67	8.08
		628	5.21	-13.67	-57.68	-15.20	-56.15	-8.05	-44.18	-194.52	-44.18	-194.51	1.06
452	5	628	9.89	-12.39	-55.22	-12.95	-54.66	-4.88	-115.22	-541.88	-115.46	-541.63	10.24
		619	10.63	-8.89	-56.40	-8.92	-56.37	1.21	-122.28	-584.39	-122.92	-583.75	17.21
		620	10.61	-11.32	-57.51	-11.54	-57.29	-3.18	-115.62	-580.87	-115.68	-580.81	5.28
		629	10.08	-11.31	-57.30	-11.50	-57.11	-2.96	-107.99	-542.70	-108.02	-542.67	3.14
452	37	628	6.08	-14.13	-53.92	-14.33	-53.72	-2.80	-59.07	-268.69	-59.08	-268.69	-1.38
		619	6.43	-10.74	-55.67	-10.99	-55.43	3.29	-60.88	-283.25	-60.98	-283.16	4.69
		620	6.45	-11.23	-56.38	-11.26	-56.35	-1.12	-55.79	-280.89	-55.81	-280.87	2.08
		629	6.29	-11.25	-56.19	-11.26	-56.17	-0.90	-53.64	-270.36	-53.65	-270.36	0.64
452	69	628	5.79	-14.26	-53.83	-14.44	-53.65	-2.65	-54.74	-247.81	-54.76	-247.78	-2.28
		619	6.10	-10.87	-55.62	-11.14	-55.36	3.45	-56.17	-260.19	-56.24	-260.13	3.72
		620	6.13	-11.22	-56.30	-11.24	-56.28	-0.97	-51.20	-257.90	-51.22	-257.89	1.83
		629	6.00	-11.23	-56.11	-11.25	-56.10	-0.74	-49.48	-249.51	-49.48	-249.50	0.45
453	26	631	4.71	14.06	-25.64	-3.32	-8.27	-19.69	104.64	-125.48	-29.17	8.33	113.52
		988	4.15	15.95	-23.40	-0.60	-6.85	-19.42	94.04	-93.72	-9.01	9.33	93.43
		621	5.23	26.45	-34.31	-5.75	-2.10	-30.33	105.26	-105.90	-42.61	41.97	96.74
453	58	630	5.66	22.64	-31.25	-7.03	-1.58	-26.81	146.24	-121.95	-40.32	64.61	123.40
		631	3.12	13.93	-10.31	11.44	-7.82	-7.36	71.79	-105.22	-23.18	-10.24	88.27
		988	2.60	18.33	-8.57	16.11	-6.36	-7.39	56.03	-79.47	-8.96	-14.49	67.69
		621	3.40	14.73	-18.04	-1.40	-1.91	-16.38	70.96	-85.97	-35.87	20.86	73.16
		630	3.85	10.70	-14.99	-2.90	-1.39	-12.82	114.06	-102.32	-34.20	45.94	100.49
453	90	631	3.01	14.42	-9.66	12.54	-7.79	-6.46	69.38	-103.74	-22.75	-11.62	86.38
		988	2.50	19.03	-7.99	17.36	-6.32	-6.51	53.27	-78.48	-8.97	-16.24	65.77
		621	3.27	13.88	-16.84	-1.07	-1.89	-15.35	68.42	-84.48	-35.37	19.31	71.40
		630	3.72	9.83	-13.79	-2.58	-1.37	-11.80	111.66	-100.85	-33.75	44.57	98.77
454	2	630	5.31	3.31	-39.94	-30.07	-6.55	-18.15	152.82	-151.84	-60.19	61.18	139.72
		621	4.87	5.26	-40.16	-29.44	-5.46	-19.29	120.06	-133.46	-45.03	31.62	120.83
		623	4.28	1.89	-48.92	-42.25	-4.78	-17.15	112.66	-120.69	-60.87	52.84	101.89
		632	5.11	5.66	-52.28	-40.24	-6.38	-23.51	147.10	-120.39	-62.15	88.86	110.40
454	34	630	3.47	0.49	-20.94	-15.43	-5.02	-9.37	106.43	-111.06	-50.54	45.90	97.47
		621	3.00	2.82	-20.67	-13.94	-3.92	-10.62	75.47	-91.00	-34.53	18.99	78.82
		623	2.77	-1.42	-34.34	-32.42	-3.34	-7.71	71.11	-80.69	-49.48	39.90	61.35
		632	3.24	1.10	-37.20	-31.15	-4.95	-13.96	104.31	-82.58	-51.57	73.30	69.53
454	66	630	3.34	0.31	-19.53	-14.31	-4.90	-8.73	102.91	-107.96	-49.81	44.76	94.24
		621	2.86	2.68	-19.23	-12.75	-3.79	-10.00	72.08	-87.77	-33.74	18.05	75.61
		623	2.71	-1.59	-33.31	-31.68	-3.23	-7.02	68.03	-77.71	-48.62	38.94	58.25
		632	3.10	0.79	-36.09	-30.46	-4.84	-13.27	101.15	-79.80	-50.77	72.13	66.40
455	2	632	5.09	4.20	-56.38	-41.53	-10.65	-26.06	120.62	-130.80	-78.27	68.09	102.21
		623	4.36	-0.39	-52.13	-43.62	-8.90	-19.18	94.91	-128.85	-69.52	35.58	98.77
		624	3.61	-9.40	-50.63	-43.80	-16.22	-15.32	81.59	-107.40	-65.98	40.17	78.18

		633	4.61	1.43	-59.95	-42.10	-16.43	-27.88	99.23	-103.86	-72.52	67.88	73.37
455	50	632	3.15	7.58	-41.39	-26.38	-7.42	-22.57	57.92	-71.16	-56.34	43.10	41.15
		623	2.37	2.64	-35.79	-27.49	-5.66	-15.81	27.87	-64.21	-47.05	10.71	35.85
		624	2.36	-8.62	-40.21	-35.73	-13.09	-11.02	19.20	-51.17	-46.97	15.00	16.67
		633	3.04	1.78	-49.86	-34.77	-13.31	-23.48	44.40	-55.87	-53.97	42.49	13.70
455	82	632	3.01	6.48	-39.91	-26.11	-7.32	-21.21	58.51	-69.61	-55.55	44.45	40.04
		623	2.23	1.68	-34.43	-27.20	-5.55	-14.45	28.46	-62.34	-46.21	12.32	34.71
		624	2.33	-9.41	-39.04	-35.46	-12.99	-9.65	20.25	-49.89	-46.22	16.57	15.63
		633	2.98	0.69	-48.42	-34.53	-13.20	-22.12	45.44	-54.90	-53.27	43.81	12.68
456	3	633	3.36	-0.51	-30.18	-21.33	-9.37	13.58	84.59	-75.03	-4.15	13.71	-79.31
		624	4.46	11.71	-41.73	-21.33	-8.68	25.96	76.60	-85.10	5.77	-14.27	-80.23
		625	4.91	6.45	-50.25	-24.38	-19.42	28.24	81.43	-100.20	2.55	-21.33	-90.03
		634	3.98	-7.77	-40.67	-29.95	-18.49	15.42	90.13	-98.28	-5.94	-2.22	-94.19
456	33	633	3.01	-13.24	-39.54	-36.03	-16.75	-8.94	94.21	-70.97	-63.18	86.42	35.00
		624	3.10	-15.49	-37.76	-37.18	-16.07	3.56	77.73	-67.92	-55.53	65.34	40.64
		625	2.39	-23.70	-35.19	-32.15	-26.73	5.07	62.90	-53.36	-47.37	56.92	25.69
		634	2.34	-19.51	-37.09	-30.86	-25.74	-8.41	71.05	-55.69	-53.86	69.22	15.12
456	65	633	2.95	-13.13	-39.13	-35.67	-16.59	-8.84	90.67	-68.45	-61.73	83.96	31.99
		624	3.01	-15.30	-37.41	-36.79	-15.92	3.65	73.63	-65.01	-54.03	62.65	37.45
		625	2.33	-23.44	-35.14	-32.00	-26.58	5.19	59.13	-51.03	-46.16	54.26	22.64
		634	2.26	-19.56	-36.92	-30.89	-25.59	-8.27	68.04	-53.93	-52.69	66.80	12.24
457	3	634	4.91	-9.86	-40.97	-30.14	-20.68	14.82	232.77	-15.62	15.44	201.70	-82.16
		625	5.65	4.57	-50.94	-25.44	-20.93	27.66	230.30	-3.94	25.18	201.18	-77.29
		626	5.77	0.59	-53.67	-22.70	-30.37	26.86	215.96	-9.23	22.73	184.00	-78.59
		635	5.09	-10.94	-43.22	-24.71	-29.45	15.97	211.70	-23.02	13.98	174.70	-85.53
457	35	634	3.00	-22.64	-31.83	-30.59	-23.89	3.15	133.71	-30.17	-13.06	116.59	-50.12
		625	3.52	-9.87	-42.44	-28.17	-24.14	16.16	123.27	-19.39	-4.88	108.76	-43.12
		626	3.71	-12.62	-44.64	-23.69	-33.58	15.22	112.59	-21.66	-2.15	93.07	-47.32
		635	3.20	-23.43	-34.68	-25.45	-32.66	4.32	116.26	-34.67	-9.46	91.04	-56.30
457	67	634	2.86	-23.41	-31.34	-30.62	-24.13	2.29	126.15	-31.30	-15.24	110.09	-47.66
		625	3.36	-10.94	-41.82	-28.38	-24.39	15.31	115.10	-20.60	-7.19	101.69	-40.50
		626	3.55	-13.57	-44.02	-23.76	-33.82	14.37	104.68	-22.61	-4.05	86.12	-44.92
		635	3.07	-24.14	-34.27	-25.51	-32.90	3.46	108.96	-35.56	-11.25	84.65	-54.06
458	3	635	6.10	-13.44	-43.97	-25.59	-31.83	14.95	299.24	11.22	37.80	272.66	-83.37
		626	6.77	-1.46	-53.70	-23.15	-32.01	25.74	313.79	26.30	48.16	291.93	-76.21
		627	6.61	-2.31	-53.95	-17.68	-38.58	23.61	291.97	28.30	46.71	273.56	-67.19
		636	5.97	-11.24	-47.57	-20.40	-38.41	15.78	267.96	13.33	37.00	244.29	-73.93
458	35	635	3.80	-24.46	-36.61	-25.87	-35.20	3.89	157.18	-17.44	2.66	137.08	-55.73
		626	4.26	-14.00	-45.53	-24.13	-35.39	14.72	158.73	-4.10	10.52	144.11	-46.54
		627	4.19	-12.96	-47.41	-18.42	-41.95	12.58	141.29	0.04	14.03	127.30	-42.19
		636	3.75	-19.50	-42.78	-20.49	-41.79	4.71	131.03	-14.08	6.72	110.23	-50.85
458	67	635	3.63	-24.99	-36.36	-25.89	-35.45	3.08	146.32	-19.67	-0.03	126.68	-53.61
		626	4.07	-14.88	-44.97	-24.21	-35.64	13.91	146.85	-6.44	7.63	132.78	-44.26
		627	4.01	-13.63	-47.05	-18.48	-42.21	11.77	129.80	-2.19	11.52	116.09	-40.28
		636	3.58	-19.82	-42.72	-20.50	-42.04	3.90	120.67	-16.33	4.39	99.95	-49.08
459	6	636	7.09	-8.60	-64.88	-19.86	-53.63	-22.52	-101.93	-341.72	-102.40	-341.25	10.65
		627	7.90	-14.42	-58.60	-19.82	-53.20	-14.47	-102.87	-413.12	-104.55	-411.45	22.76
		628	8.37	-9.70	-63.00	-15.53	-57.18	-16.63	-89.78	-421.18	-90.60	-420.36	16.45
		637	7.64	-6.65	-67.20	-16.04	-57.80	-21.92	-88.24	-360.05	-88.47	-359.83	7.87
459	38	636	4.65	-15.52	-55.11	-20.34	-50.29	-12.94	-58.11	-171.43	-59.11	-170.43	-10.58
		627	4.86	-18.90	-50.65	-19.68	-49.87	-4.92	-57.69	-200.29	-57.69	-200.28	0.66
		628	5.30	-13.90	-55.10	-15.16	-53.84	-7.09	-47.52	-210.46	-47.53	-210.46	1.07
		637	5.14	-12.33	-58.10	-15.96	-54.47	-12.37	-48.55	-190.52	-48.87	-190.20	-6.78
459	70	636	4.47	-15.98	-54.44	-20.38	-50.04	-12.24	-54.34	-158.74	-55.79	-157.30	-12.20
		627	4.63	-19.09	-50.20	-19.67	-49.62	-4.21	-54.09	-184.10	-54.09	-184.10	-1.03
		628	5.07	-14.10	-54.63	-15.13	-53.59	-6.38	-44.22	-194.37	-44.22	-194.37	-0.10
		637	4.95	-12.68	-57.50	-15.96	-54.22	-11.67	-45.37	-177.63	-45.84	-177.16	-7.90
460	5	637	9.54	-12.94	-57.02	-14.75	-55.21	-8.74	-110.93	-514.36	-110.93	-514.36	-0.60
		628	9.86	-13.12	-54.28	-13.18	-54.22	-1.61	-115.33	-541.66	-115.47	-541.52	7.69
		629	10.06	-10.96	-57.28	-11.59	-56.65	-5.36	-107.96	-542.56	-107.98	-542.53	3.14
		638	9.86	-11.10	-58.74	-11.87	-57.98	-6.00	-104.05	-523.03	-104.06	-523.03	0.78
460	37	637	6.08	-14.60	-55.51	-15.61	-54.49	-6.37	-58.62	-264.65	-59.10	-264.16	-10.03
		628	6.06	-14.37	-53.52	-14.39	-53.50	0.76	-59.04	-268.62	-59.07	-268.59	-2.60
		629	6.28	-11.14	-56.13	-11.34	-55.93	-3.00	-53.61	-270.20	-53.61	-270.20	0.64
		638	6.39	-11.34	-57.55	-11.63	-57.26	-3.64	-54.20	-273.42	-54.21	-273.42	-1.04
460	69	637	5.82	-14.71	-55.40	-15.68	-54.44	-6.19	-54.53	-245.61	-55.14	-245.00	-10.76
		628	5.77	-14.46	-53.47	-14.48	-53.44	0.94	-54.69	-247.75	-54.75	-247.69	-3.39
		629	5.99	-11.15	-56.06	-11.33	-55.88	-2.82	-49.44	-249.35	-49.45	-249.35	0.45
		638	6.13	-11.35	-57.47	-11.61	-57.20	-3.47	-50.38	-254.31	-50.39	-254.30	-1.18
461	6	640	5.42	-7.85	-20.36	-20.33	-7.88	0.58	232.92	-167.72	-17.88	83.08	193.85
		989	4.43	-7.84	-23.30	-23.28	-7.86	-0.58	186.76	-143.84	-3.83	46.75	163.35
		630	5.60	2.88	-31.00	-23.42	-4.70	-14.13	194.98	-154.78	-44.66	84.87	162.45
		639	6.51	2.60	-36.90	-32.88	-1.42	-11.94	274.03	-162.79	-33.41	144.64	199.44
461	33	640	4.77	16.25	-13.85	9.57	-7.16	12.51	158.56	-132.15	-19.02	45.43	141.74
		989	3.87	14.74	-12.57	9.25	-7.08	10.94	116.16	-106.91	-3.31	12.56	111.25
		630	3.39	-4.36	-10.30	-10.27	-4.39	0.41	129.99	-120.03	-37.36	47.33	117.62
		639	4.96	-0.75	-20.84	-20.47	-1.12	2.71	206.94	-129.02	-27.34	105.26	154.34

461	65	640	4.69	17.23	-13.45	10.88	-7.10	12.42	154.27	-129.84	-18.85	43.28	138.62
		989	3.80	15.82	-12.16	10.67	-7.02	10.84	112.51	-104.45	-2.98	11.03	108.25
		630	3.29	-4.31	-9.41	-9.38	-4.34	0.38	125.86	-117.61	-37.29	45.55	114.47
		639	4.85	-0.69	-20.02	-19.64	-1.07	2.69	202.55	-126.69	-27.31	103.17	151.14
462	2	639	5.88	0.29	-43.20	-37.37	-5.54	-14.82	220.66	-158.13	-60.88	123.41	165.47
		630	5.08	0.73	-35.95	-28.80	-6.43	-14.54	162.00	-142.34	-44.05	63.70	142.31
		632	4.77	3.47	-48.27	-38.64	-6.16	-20.14	143.88	-121.85	-65.83	87.86	108.39
		641	5.89	7.03	-59.98	-45.04	-7.92	-27.90	200.32	-110.99	-59.13	148.46	116.00
462	34	639	4.07	-2.46	-25.74	-23.78	-4.42	-6.47	169.26	-121.21	-53.86	101.92	122.58
		630	3.25	-2.07	-17.60	-14.38	-5.30	-6.30	114.21	-101.23	-35.48	48.46	99.21
		632	2.98	-0.93	-34.34	-30.14	-5.14	-11.08	101.05	-86.75	-57.33	71.63	68.26
		641	4.09	2.03	-46.21	-37.28	-6.91	-18.74	154.00	-80.14	-52.13	125.99	75.98
462	66	639	3.94	-2.63	-24.45	-22.75	-4.33	-5.86	165.37	-118.42	-53.34	100.28	119.31
		630	3.12	-2.26	-16.22	-13.27	-5.20	-5.70	110.58	-98.10	-34.84	47.32	95.92
		632	2.92	-1.22	-33.33	-29.49	-5.06	-10.42	97.90	-84.19	-56.69	70.41	65.20
		641	3.95	1.69	-45.20	-36.69	-6.83	-18.07	150.59	-77.91	-51.61	124.29	72.92
463	2	641	5.69	6.21	-63.42	-45.77	-11.44	-30.29	163.81	-122.48	-78.30	119.63	103.43
		632	4.72	2.69	-51.37	-39.89	-8.79	-22.10	121.64	-125.42	-72.65	68.87	101.26
		633	4.20	-0.49	-55.16	-40.85	-14.80	-24.03	98.24	-98.49	-69.14	68.89	70.09
		642	5.29	7.40	-69.35	-42.46	-19.49	-36.62	127.46	-90.59	-71.18	108.05	62.09
463	52	641	3.16	8.58	-44.67	-28.67	-7.41	-24.41	89.50	-58.85	-54.17	84.82	25.93
		632	2.15	5.24	-31.57	-21.58	-4.75	-16.37	42.46	-51.65	-46.75	37.56	20.90
		633	2.86	-1.34	-41.76	-32.21	-10.89	-17.17	36.93	-48.79	-48.33	36.48	-6.23
		642	3.92	6.03	-56.28	-34.67	-15.59	-29.66	72.96	-53.06	-52.01	71.91	-11.46
463	86	641	3.68	8.37	-48.18	-31.72	-8.09	-25.69	104.66	-69.65	-58.83	93.84	42.06
		632	2.63	4.97	-35.26	-24.86	-5.43	-17.62	58.58	-64.47	-51.69	45.80	37.53
		633	2.86	-0.97	-44.32	-33.74	-11.55	-18.62	45.89	-53.25	-52.29	44.92	9.74
		642	3.85	6.72	-58.58	-35.62	-16.24	-31.18	81.28	-55.82	-55.71	81.16	4.02
464	20	642	4.99	20.04	-69.68	-32.86	-16.78	-44.13	52.11	-54.05	-48.78	46.84	-23.06
		633	3.81	11.88	-54.57	-31.36	-11.33	-31.68	15.59	-49.15	-43.85	10.28	-17.75
		634	4.08	4.04	-58.63	-33.95	-20.65	-30.62	16.18	-61.66	-39.48	-6.01	-35.14
		643	5.31	14.29	-72.90	-32.56	-26.06	-43.47	40.66	-67.46	-43.48	16.67	-44.93
464	52	642	3.86	4.78	-56.80	-33.16	-18.86	-29.95	72.20	-51.44	-49.66	70.42	-14.72
		633	2.79	-2.68	-42.05	-31.32	-13.41	-17.53	36.59	-45.72	-44.76	35.62	-8.85
		634	2.88	-10.19	-44.78	-32.25	-22.71	-16.62	29.49	-50.09	-39.73	19.12	-26.78
		643	4.02	-0.28	-59.23	-31.38	-28.13	-29.43	54.19	-57.84	-43.72	40.08	-37.18
464	84	642	3.79	3.66	-55.86	-33.19	-19.02	-28.90	73.72	-51.36	-49.75	72.11	-14.08
		633	2.73	-3.72	-41.17	-31.32	-13.57	-16.49	38.26	-45.65	-44.85	37.46	-8.17
		634	2.80	-11.23	-43.76	-32.12	-22.87	-15.60	30.65	-49.48	-39.77	20.94	-26.14
		643	3.93	-1.35	-58.22	-31.29	-28.29	-28.40	55.27	-57.28	-43.77	41.75	-36.59
465	3	643	4.93	-26.46	-35.79	-29.55	-32.71	4.39	237.56	-27.85	4.00	205.72	-86.25
		634	5.16	-11.11	-44.92	-29.41	-26.62	16.85	228.36	-17.62	10.52	200.21	-78.30
		635	5.34	-11.07	-48.64	-24.13	-35.58	17.89	207.34	-23.50	10.43	173.41	-81.74
		644	5.03	-21.04	-43.35	-23.87	-40.52	7.43	206.55	-37.31	3.53	165.71	-91.06
465	50	643	3.92	2.03	-62.97	-30.34	-30.60	-32.50	32.80	-57.72	-52.31	27.39	-21.46
		634	2.82	-7.89	-48.38	-31.75	-24.52	-19.92	8.09	-50.71	-49.12	6.50	-9.55
		635	2.88	-11.21	-49.40	-27.14	-33.48	-18.83	-6.18	-50.30	-39.17	-17.31	-19.16
		644	3.93	-1.45	-61.86	-24.90	-38.41	-29.44	9.97	-62.64	-42.97	-9.71	-32.27
465	82	643	3.83	0.64	-61.76	-30.30	-30.82	-31.20	35.70	-57.25	-51.51	29.97	-22.36
		634	2.75	-9.24	-47.14	-31.65	-24.74	-18.63	11.11	-50.13	-48.28	9.26	-10.49
		635	2.80	-12.50	-48.22	-27.02	-33.70	-17.54	-3.20	-49.87	-38.48	-14.59	-20.04
		644	3.84	-2.77	-60.72	-24.85	-38.63	-28.15	12.75	-62.22	-42.31	-7.16	-33.11
466	3	644	6.13	-22.06	-45.75	-24.37	-43.44	7.03	286.19	-4.56	26.08	255.55	-89.28
		635	6.40	-12.98	-49.90	-25.01	-37.87	17.31	295.80	9.96	34.21	271.54	-79.65
		636	6.29	-10.27	-54.14	-19.78	-44.63	18.08	265.28	13.24	35.02	243.50	-70.81
		645	5.92	-16.29	-52.27	-19.66	-48.91	10.48	243.66	-3.38	25.84	214.45	-79.77
466	34	644	4.09	-8.48	-59.76	-23.93	-44.31	-23.53	-51.28	-105.44	-61.76	-94.95	-21.40
		635	3.40	-17.88	-47.06	-26.18	-38.75	-13.17	-58.97	-111.03	-59.98	-110.02	-7.19
		636	3.97	-15.43	-50.63	-20.55	-45.50	-12.42	-46.50	-135.54	-47.73	-134.32	-10.38
		645	4.57	-8.70	-59.63	-18.55	-49.78	-20.12	-44.45	-138.76	-50.81	-132.40	-23.65
466	66	644	3.99	-9.23	-59.00	-23.95	-44.28	-22.71	-45.77	-99.06	-59.38	-85.45	-23.24
		635	3.28	-18.58	-46.30	-26.15	-38.73	-12.35	-55.52	-101.57	-57.42	-99.67	-9.15
		636	3.83	-15.97	-50.04	-20.53	-45.48	-11.60	-43.68	-125.86	-45.48	-124.07	-12.02
		645	4.44	-9.36	-58.97	-18.58	-49.75	-19.29	-41.00	-130.72	-48.73	-122.99	-25.17
467	5	645	7.26	-11.98	-55.63	-17.87	-49.74	-14.91	-89.84	-363.18	-90.54	-362.48	-13.82
		636	7.14	-17.85	-46.87	-19.80	-44.92	-7.26	-91.28	-383.38	-91.28	-383.37	0.23
		637	7.69	-14.09	-50.67	-15.54	-49.22	-7.14	-87.94	-402.26	-87.94	-402.26	0.05
		646	7.86	-11.09	-56.47	-14.62	-52.95	-12.15	-87.55	-395.20	-87.90	-394.85	-10.39
467	37	645	5.03	-14.36	-55.15	-18.43	-51.07	-12.23	-49.92	-190.76	-55.91	-184.77	-28.42
		636	4.61	-19.43	-47.04	-20.22	-46.26	-4.58	-52.13	-191.99	-53.88	-190.25	-15.51
		637	5.14	-15.11	-51.12	-15.67	-50.55	-4.46	-47.93	-210.81	-48.61	-210.14	-10.46
		646	5.55	-12.68	-56.44	-14.84	-54.28	-9.47	-49.29	-220.47	-51.63	-218.13	-19.87
467	69	645	4.87	-14.53	-55.12	-18.48	-51.17	-12.02	-46.26	-178.14	-53.25	-171.15	-29.54
		636	4.42	-19.53	-47.07	-20.25	-46.36	-4.38	-48.79	-177.65	-51.00	-175.45	-16.73
		637	4.94	-15.17	-51.17	-15.68	-50.65	-4.26	-44.75	-196.26	-45.59	-195.41	-11.27
		646	5.38	-12.79	-56.45	-14.86	-54.38	-9.27	-46.17	-207.27	-48.85	-204.59	-20.60
468	5	646	9.41	-12.68	-58.13	-14.19	-56.62	8.15	-107.87	-501.19	-108.23	-500.84	-11.76

		637	9.45	-9.91	-57.80	-15.18	-52.53	14.99	-109.98	-514.13	-110.00	-514.11	-2.72
		638	9.77	-8.51	-58.28	-11.54	-55.25	11.91	-104.03	-522.91	-104.03	-522.91	0.79
		647	9.91	-8.65	-61.21	-11.39	-58.47	11.69	-103.85	-522.09	-103.86	-522.08	-1.46
468	37	646	6.27	-14.82	-57.36	-14.82	-57.36	-0.02	-58.84	-271.26	-60.64	-269.46	-19.47
		637	5.98	-14.55	-54.47	-15.76	-53.27	6.82	-58.06	-264.61	-58.65	-264.02	-11.05
		638	6.33	-11.21	-56.30	-11.52	-55.99	3.74	-54.17	-273.28	-54.17	-273.28	-1.03
		647	6.72	-11.49	-59.47	-11.75	-59.21	3.52	-57.70	-291.19	-57.73	-291.16	-2.80
468	69	646	6.04	-14.86	-57.42	-14.87	-57.41	-0.62	-54.95	-253.80	-56.99	-251.75	-20.06
		637	5.71	-14.80	-54.33	-15.80	-53.32	6.22	-54.00	-245.59	-54.72	-244.87	-11.69
		638	6.06	-11.30	-56.27	-11.52	-56.05	3.13	-50.35	-254.17	-50.36	-254.16	-1.17
		647	6.48	-11.60	-59.45	-11.77	-59.27	2.91	-54.16	-273.52	-54.20	-273.48	-2.90
469	1	649	8.90	15.45	-32.31	-10.92	-5.94	23.75	343.30	-184.52	-18.34	177.12	245.14
		990	7.05	8.22	-32.40	-17.75	-6.44	19.51	266.20	-140.58	17.94	107.69	198.38
		639	6.13	-5.01	-25.08	-25.07	-5.02	0.45	267.37	-170.26	-42.65	139.76	198.90
		648	8.59	1.34	-50.28	-50.27	1.33	0.55	391.39	-166.37	-21.35	246.37	244.66
469	33	649	7.43	25.41	-23.27	7.23	-5.09	23.55	272.08	-156.21	-19.65	135.52	199.60
		990	5.70	17.88	-20.93	2.49	-5.54	18.99	208.07	-105.91	20.18	81.98	153.92
		639	4.86	-4.16	-17.14	-16.89	-4.41	1.80	204.03	-140.33	-41.71	105.41	155.67
		648	7.25	2.03	-42.09	-42.01	1.94	1.89	321.70	-139.63	-22.09	204.16	201.02
469	65	649	7.33	26.31	-22.70	8.63	-5.03	23.54	266.60	-154.04	-19.77	132.33	196.09
		990	5.61	18.83	-20.24	4.06	-5.47	18.95	203.60	-103.26	20.34	80.00	150.50
		639	4.77	-4.07	-16.55	-16.25	-4.36	1.91	199.17	-138.05	-41.65	102.77	152.37
		648	7.15	2.08	-41.47	-41.38	1.99	1.99	316.35	-137.60	-22.16	200.92	197.68
470	2	648	7.05	0.52	-58.55	-54.61	-3.42	-14.74	324.15	-158.41	-61.23	226.97	193.53
		639	5.52	-2.14	-40.08	-37.43	-4.80	-9.67	231.86	-141.75	-37.37	127.48	167.64
		641	5.48	4.77	-53.94	-41.82	-7.35	-23.77	195.78	-115.71	-66.68	146.75	113.44
		650	7.28	9.38	-77.67	-55.52	-12.77	-37.92	278.26	-92.54	-51.41	237.12	116.46
470	34	648	6.01	-1.53	-44.11	-42.85	-2.79	-7.21	266.13	-127.87	-57.53	195.79	150.89
		639	3.98	-3.79	-23.36	-23.03	-4.12	-2.51	179.25	-104.89	-31.49	105.85	124.37
		641	3.80	-0.06	-42.31	-35.54	-6.82	-15.49	149.76	-88.05	-61.79	123.50	74.54
		650	5.58	3.89	-66.24	-50.08	-12.26	-29.53	226.50	-70.74	-48.59	204.35	78.05
470	66	648	5.93	-1.63	-43.06	-41.96	-2.74	-6.66	261.73	-125.59	-57.26	193.40	147.63
		639	3.91	-3.84	-22.16	-21.94	-4.06	-1.99	175.25	-102.10	-31.06	104.21	121.07
		641	3.70	-0.39	-41.46	-35.07	-6.78	-14.88	146.38	-86.08	-61.44	121.74	71.56
		650	5.46	3.50	-65.39	-49.67	-12.22	-28.91	222.66	-69.21	-48.40	201.85	75.12
471	2	650	6.83	9.20	-79.58	-54.84	-15.54	-39.80	228.22	-106.20	-73.86	195.88	98.84
		641	5.22	5.39	-55.91	-42.48	-8.04	-25.36	164.99	-115.83	-71.69	120.85	102.21
		642	4.80	5.53	-62.69	-40.50	-16.66	-31.96	127.19	-84.09	-66.50	109.60	58.37
		651	6.30	14.14	-81.54	-39.07	-28.33	-47.54	169.41	-70.03	-61.30	160.69	44.86
471	52	650	4.66	9.82	-65.01	-42.80	-12.39	-34.18	155.74	-60.15	-56.63	152.22	27.33
		641	3.06	6.33	-40.24	-29.05	-4.86	-19.90	90.07	-57.05	-51.94	84.96	26.94
		642	3.75	3.35	-52.14	-35.20	-13.60	-25.55	72.68	-55.08	-54.10	71.70	-11.15
		651	5.02	9.13	-73.09	-38.63	-25.33	-40.57	117.35	-53.78	-51.15	114.72	-21.05
471	84	650	4.62	8.74	-64.29	-42.82	-12.73	-33.27	157.52	-60.17	-56.53	153.88	27.91
		641	3.04	5.28	-39.56	-29.08	-5.20	-18.98	91.93	-57.12	-51.84	86.66	27.54
		642	3.69	2.31	-51.35	-35.10	-13.94	-24.65	74.27	-54.82	-53.95	73.40	-10.55
		651	4.94	8.09	-72.29	-38.52	-25.67	-39.67	118.86	-53.48	-51.01	116.39	-20.49
472	20	651	6.04	22.44	-83.99	-37.57	-23.98	-52.78	98.20	-55.63	-48.73	91.30	-31.84
		642	4.63	17.10	-62.56	-34.18	-11.28	-38.15	52.16	-54.60	-49.82	47.38	-22.09
		643	4.87	11.22	-65.25	-32.90	-21.13	-37.78	40.18	-68.04	-45.11	17.24	-44.23
		652	6.06	18.92	-80.96	-28.92	-33.12	-49.90	68.99	-71.66	-43.74	41.07	-56.09
472	52	651	4.95	7.84	-73.60	-36.75	-29.00	-40.53	117.28	-52.49	-48.90	113.68	-24.44
		642	3.66	2.30	-52.29	-33.69	-16.30	-25.87	72.44	-51.78	-50.14	70.81	-14.15
		643	3.75	-3.05	-54.51	-31.41	-26.15	-25.60	54.21	-58.46	-44.70	40.45	-36.88
		652	4.88	4.84	-71.12	-28.13	-38.14	-37.65	82.61	-62.54	-43.21	63.28	-49.32
472	84	651	4.87	6.77	-72.83	-36.69	-29.37	-39.63	118.67	-52.34	-48.94	115.27	-23.87
		642	3.60	1.21	-51.54	-33.65	-16.67	-24.97	73.96	-51.67	-50.19	72.49	-13.54
		643	3.67	-4.09	-53.73	-31.30	-26.51	-24.70	55.31	-57.88	-44.69	42.12	-36.32
		652	4.79	3.83	-70.41	-28.07	-38.51	-36.75	83.64	-61.97	-43.19	64.86	-48.80
473	20	652	6.50	25.63	-86.80	-28.00	-33.18	-56.16	113.57	-55.14	-36.47	94.90	-52.93
		643	5.38	18.21	-71.34	-32.54	-20.60	-44.37	89.88	-50.34	-37.63	77.17	-40.25
		644	5.10	13.67	-69.13	-26.67	-28.79	-41.39	64.10	-55.99	-30.91	39.02	-48.82
		653	6.11	21.42	-80.75	-20.71	-38.62	-50.30	75.55	-67.09	-32.47	40.93	-61.16
473	52	652	5.07	7.18	-74.53	-27.33	-40.02	-40.36	104.18	-55.66	-38.86	87.38	-49.02
		643	3.96	-0.50	-57.89	-30.96	-27.44	-28.64	78.62	-51.30	-40.36	67.67	-36.09
		644	3.76	-4.28	-56.61	-25.26	-35.63	-25.64	53.65	-57.01	-33.14	29.78	-45.51
		653	4.79	3.89	-69.56	-20.20	-45.47	-34.48	66.99	-67.69	-34.38	33.68	-58.11
473	84	652	4.96	5.85	-73.65	-27.28	-40.52	-39.19	103.40	-55.71	-39.06	86.74	-48.71
		643	3.86	-1.87	-56.91	-30.84	-27.94	-27.48	77.70	-51.39	-40.58	66.88	-35.76
		644	3.66	-5.55	-55.74	-25.16	-36.13	-24.49	52.79	-57.10	-33.33	29.02	-45.25
		653	4.70	2.66	-68.80	-20.16	-45.97	-33.32	66.27	-67.75	-34.54	33.06	-57.86
474	11	653	6.19	-20.92	-65.98	-21.30	-65.60	-4.13	240.08	-26.89	7.45	205.74	-89.38
		644	5.94	-23.43	-55.81	-24.01	-55.23	4.28	241.33	-15.37	10.99	214.97	-77.92
		645	5.75	-17.92	-62.31	-19.30	-60.93	7.71	201.52	-12.30	14.47	174.75	-70.77
		654	5.74	-17.07	-68.62	-17.13	-68.56	1.77	187.22	-29.59	7.26	150.36	-81.44
474	42	653	4.54	-2.44	-65.55	-18.44	-49.55	-27.45	-17.44	-99.38	-53.85	-62.97	-40.72
		644	3.58	-11.00	-51.87	-23.69	-39.19	-18.91	-36.06	-93.98	-54.72	-75.32	-27.07

		645	4.01	-11.20	-52.02	-18.34	-44.88	-15.51	-35.29	-123.55	-45.47	-113.38	-28.19
		654	4.85	-3.95	-62.11	-13.56	-52.51	-21.59	-29.23	-135.40	-48.39	-116.24	-40.83
474	74	653	4.47	-3.15	-65.35	-18.52	-49.98	-26.83	-11.87	-96.01	-52.19	-55.69	-42.04
		644	3.51	-11.71	-51.60	-23.70	-39.62	-18.29	-30.84	-89.55	-52.94	-67.45	-28.44
		645	3.93	-11.76	-51.92	-18.37	-45.31	-14.89	-32.12	-117.29	-43.84	-105.57	-29.34
		654	4.77	-4.57	-62.03	-13.66	-52.94	-20.97	-25.77	-130.13	-46.89	-109.01	-41.93
475	1	654	7.36	-12.14	-60.63	-12.56	-60.22	4.47	-90.29	-346.41	-93.54	-343.17	-28.65
		645	7.15	-14.14	-54.99	-17.00	-52.12	10.43	-93.96	-359.88	-94.86	-358.99	-15.43
		646	7.89	-10.28	-59.03	-13.87	-55.45	12.73	-85.46	-392.31	-85.89	-391.88	-11.51
		655	8.21	-9.00	-62.95	-10.58	-61.36	9.12	-86.39	-395.38	-87.94	-393.83	-21.88
475	37	654	5.37	-12.93	-60.75	-13.57	-60.11	-5.51	-46.62	-195.07	-59.64	-182.05	-41.99
		645	4.79	-17.90	-52.02	-17.90	-52.02	0.45	-51.74	-190.95	-58.25	-184.43	-29.39
		646	5.46	-14.22	-55.52	-14.40	-55.34	2.74	-48.46	-220.51	-50.94	-218.03	-20.51
		655	6.05	-11.51	-61.26	-11.53	-61.25	-0.86	-50.62	-238.44	-55.67	-233.40	-30.36
475	69	654	5.23	-12.86	-60.95	-13.66	-60.15	-6.17	-42.45	-184.07	-57.00	-169.52	-42.99
		645	4.63	-17.97	-52.06	-17.97	-52.05	-0.21	-47.86	-178.39	-55.40	-170.85	-30.45
		646	5.28	-14.34	-55.48	-14.44	-55.38	2.07	-45.40	-207.32	-48.22	-204.50	-21.18
		655	5.89	-11.57	-61.34	-11.61	-61.29	-1.52	-47.61	-226.46	-53.15	-220.92	-31.00
476	1	655	9.70	-10.50	-64.25	-11.61	-63.14	7.66	-105.61	-497.51	-106.88	-496.24	-22.30
		646	9.40	-11.16	-60.67	-14.91	-56.92	13.09	-105.80	-498.57	-106.22	-498.15	-12.94
		647	9.88	-9.25	-61.02	-11.56	-58.71	10.68	-103.31	-519.46	-103.32	-519.46	-1.38
		656	10.33	-9.34	-65.77	-12.03	-63.08	12.04	-106.80	-536.78	-106.83	-536.75	-3.45
476	33	655	6.83	-12.20	-63.85	-12.22	-63.83	-1.01	-59.70	-285.96	-63.51	-282.16	-29.10
		646	6.25	-14.64	-58.07	-15.10	-57.61	4.42	-57.75	-270.07	-59.66	-286.16	-20.03
		647	6.71	-11.80	-59.49	-11.88	-59.40	2.01	-57.40	-289.78	-57.44	-289.75	-2.74
		656	7.37	-12.23	-63.99	-12.45	-63.77	3.37	-64.04	-323.03	-64.12	-322.94	-4.64
476	65	655	6.62	-12.21	-63.93	-12.26	-63.87	-1.65	-56.01	-269.97	-60.19	-265.79	-29.62
		646	6.01	-14.78	-57.99	-15.11	-57.66	3.78	-53.94	-252.72	-56.10	-250.56	-20.57
		647	6.47	-11.87	-59.49	-11.91	-59.45	1.37	-53.89	-272.21	-53.92	-272.18	-2.85
		656	7.15	-12.34	-63.96	-12.48	-63.81	2.73	-60.76	-306.68	-60.86	-306.59	-4.74
477	1	658	13.68	23.19	-56.99	-29.02	-4.79	38.21	531.55	-252.82	-37.25	315.99	350.16
		991	10.28	21.41	-53.55	-33.31	1.16	33.28	418.27	-118.46	71.19	228.61	256.56
		648	8.23	-2.04	-41.86	-41.39	-2.50	-4.29	392.25	-185.02	-45.67	252.90	247.03
		657	11.90	4.87	-91.92	-90.26	3.22	-12.54	600.60	-139.60	8.40	452.59	296.05
477	33	658	11.97	32.44	-45.77	-8.81	-4.52	39.05	434.01	-238.57	-55.16	250.60	299.53
		991	8.71	30.03	-37.95	-9.44	1.52	33.55	345.86	-85.33	68.14	192.38	206.45
		648	7.02	-2.58	-36.86	-36.83	-2.61	-1.03	313.68	-163.10	-48.99	199.57	203.43
		657	10.74	3.97	-88.15	-87.25	3.07	-9.03	508.92	-131.64	-7.63	384.91	253.10
477	65	658	11.84	33.27	-45.01	-7.25	-4.50	39.12	426.51	-237.46	-56.53	245.58	295.63
		991	8.59	30.86	-36.90	-7.60	1.55	33.57	340.28	-82.80	67.89	189.59	202.60
		648	6.92	-2.60	-36.50	-36.48	-2.62	-0.78	307.65	-161.44	-49.26	195.47	200.10
		657	10.65	3.91	-87.86	-87.02	3.06	-8.76	501.88	-131.03	-8.85	379.70	249.80
478	2	657	9.94	1.70	-102.18	-94.43	-6.05	-27.29	481.81	-119.71	-35.71	397.82	208.49
		648	7.30	2.18	-52.27	-51.47	1.39	-6.54	336.45	-137.03	-31.31	230.72	197.18
		650	6.63	7.28	-70.51	-53.23	-10.01	-32.34	275.52	-70.33	-31.90	237.09	108.69
		659	9.70	14.37	-109.61	-64.29	-30.95	-59.71	378.26	-35.22	-11.72	354.76	95.73
478	34	657	9.03	-1.29	-90.12	-84.54	-6.87	-21.55	415.61	-115.50	-53.96	354.07	169.99
		648	6.15	0.62	-40.05	-40.03	0.59	-1.02	277.79	-106.66	-28.14	199.26	154.99
		650	5.20	1.95	-62.39	-49.49	-10.95	-25.75	223.46	-68.92	-48.61	203.15	74.34
		659	8.20	7.35	-102.70	-63.41	-31.94	-52.73	320.00	-36.71	-25.73	309.02	61.62
478	66	657	8.96	-1.50	-89.22	-83.79	-6.93	-21.13	410.60	-115.24	-55.35	350.72	167.04
		648	6.06	0.55	-39.17	-39.16	0.54	-0.61	273.32	-104.37	-27.91	196.86	151.76
		650	5.09	1.56	-61.79	-49.22	-11.01	-25.27	219.63	-68.96	-49.88	200.55	71.71
		659	8.09	6.84	-102.19	-63.35	-32.01	-52.21	315.68	-36.95	-26.78	305.51	59.01
479	4	659	7.42	13.42	-109.83	-57.46	-38.95	-60.93	210.62	-45.38	-41.10	206.34	-32.81
		650	5.08	10.50	-65.02	-41.79	-12.73	-34.85	131.06	-46.10	-42.88	127.84	-23.67
		651	6.20	7.94	-77.42	-41.18	-28.30	-42.19	108.88	-101.17	-79.44	127.15	-63.97
		660	7.40	11.71	-103.43	-38.97	-52.74	-57.16	149.22	-89.66	-61.85	81.41	-76.61
479	46	659	7.72	5.35	-100.40	-58.39	-36.67	-51.75	286.32	-58.00	-52.49	280.80	43.22
		650	4.77	2.82	-58.79	-45.48	-10.48	-25.35	200.47	-70.81	-57.78	187.44	58.00
		651	4.34	1.84	-66.19	-38.37	-25.97	-33.44	150.98	-42.70	-42.59	150.87	4.57
		660	6.34	7.04	-91.59	-34.16	-50.39	-48.64	200.86	-31.02	-30.34	200.18	-12.53
479	78	659	7.66	4.73	-100.10	-58.36	-37.01	-51.32	284.30	-57.27	-52.17	279.19	41.43
		650	4.73	2.26	-58.37	-45.28	-10.82	-24.94	198.49	-69.69	-57.39	186.19	56.10
		651	4.29	1.24	-65.87	-38.32	-26.31	-33.02	149.58	-43.38	-43.33	149.53	2.96
		660	6.29	6.46	-91.36	-34.18	-50.73	-48.21	199.34	-31.85	-31.00	198.48	-14.05
480	4	660	7.56	12.02	-108.14	-37.59	-58.53	-59.16	168.46	-60.60	-23.81	131.68	-84.10
		651	6.16	8.04	-80.25	-39.62	-32.59	-44.01	118.38	-68.53	-33.66	83.51	-72.82
		652	6.33	4.93	-78.69	-30.84	-42.92	-41.37	99.38	-102.18	-36.47	33.67	-94.48
		661	7.20	9.36	-95.58	-24.64	-61.59	-49.11	113.96	-117.76	-59.95	56.15	-100.27
480	36	660	6.22	4.74	-99.00	-35.53	-58.72	-50.56	173.61	-47.51	-31.24	157.34	-57.73
		651	4.91	0.25	-70.71	-37.68	-32.78	-35.40	122.11	-53.64	-41.82	110.28	-44.02
		652	4.93	-2.52	-69.55	-28.95	-43.12	-32.76	94.16	-74.21	-40.02	59.97	-67.73
		661	5.82	3.14	-87.10	-22.19	-61.77	-40.54	118.08	-82.91	-46.44	81.61	-77.46
480	68	660	6.12	4.21	-98.33	-35.38	-58.74	-49.92	174.23	-46.87	-31.80	159.16	-55.72
		651	4.82	-0.33	-70.00	-37.54	-32.80	-34.76	122.79	-53.03	-42.44	112.21	-41.82
		652	4.83	-3.07	-68.87	-28.81	-43.13	-32.12	93.99	-72.42	-40.29	61.85	-65.69

		661	5.72	2.70	-86.48	-22.00	-61.79	-39.91	118.41	-80.42	-45.43	83.41	-75.72
481	4	661	6.90	9.42	-98.55	-23.16	-65.97	-49.56	247.92	-45.54	-9.63	212.01	-96.17
		652	6.22	4.66	-80.83	-29.45	-46.73	-41.87	228.50	-46.87	-17.00	198.63	-85.64
		653	5.64	1.70	-76.39	-22.09	-52.60	-35.94	184.49	-60.84	-19.30	142.95	-92.01
		662	6.22	6.63	-88.13	-16.28	-65.22	-40.57	189.00	-65.60	-16.78	140.17	-100.23
481	36	661	5.63	2.55	-89.61	-21.33	-65.72	-40.38	182.74	-50.32	-21.47	153.89	-76.76
		652	4.83	-3.18	-71.13	-27.83	-46.48	-32.67	158.87	-51.89	-29.66	136.64	-64.75
		653	4.44	-5.43	-67.58	-20.65	-52.36	-26.73	118.28	-64.53	-28.26	82.00	-72.91
		662	5.17	0.71	-79.98	-14.30	-64.97	-31.40	127.72	-69.65	-25.00	83.07	-82.58
481	68	661	5.54	2.06	-88.96	-21.19	-65.71	-39.70	177.74	-50.68	-22.38	149.43	-75.27
		652	4.73	-3.76	-70.42	-27.71	-46.46	-31.99	153.52	-52.28	-30.63	131.88	-63.14
		653	4.36	-5.93	-66.96	-20.54	-52.34	-26.04	113.22	-64.84	-28.94	77.32	-71.44
		662	5.10	0.30	-79.41	-14.15	-64.95	-30.72	123.06	-70.00	-25.63	78.69	-81.22
482	3	662	7.36	-6.97	-94.95	-16.12	-85.79	-26.87	272.62	-35.86	5.88	230.89	-105.51
		653	6.76	-12.33	-81.12	-20.70	-72.75	-22.48	272.25	-29.80	3.95	238.49	-95.17
		654	6.20	-12.24	-80.19	-16.54	-75.88	-16.55	219.49	-30.31	5.78	183.40	-87.83
		663	6.37	-8.49	-89.46	-13.53	-84.42	-19.55	206.73	-44.44	1.56	160.73	-97.15
482	46	662	5.07	1.87	-72.27	-11.23	-59.17	-28.28	4.27	-102.40	-44.69	-53.44	-53.16
		653	4.22	-5.23	-59.89	-18.99	-46.13	-23.72	-14.13	-98.87	-50.05	-62.94	-41.88
		654	4.55	-6.70	-56.73	-14.16	-49.27	-17.83	-26.87	-135.63	-45.79	-116.72	-41.23
		663	5.33	0.27	-65.41	-7.35	-57.79	-21.03	-20.67	-148.25	-46.61	-122.30	-51.35
482	78	662	5.02	1.29	-72.53	-11.31	-59.92	-27.78	9.40	-99.38	-43.44	-46.54	-54.37
		653	4.17	-5.84	-60.04	-18.99	-46.89	-23.23	-8.93	-95.44	-48.72	-55.65	-43.12
		654	4.49	-7.17	-57.03	-14.18	-50.02	-17.33	-23.66	-130.33	-44.52	-109.46	-42.31
		663	5.27	-0.24	-65.77	-7.47	-58.55	-20.53	-17.40	-143.46	-45.42	-115.44	-52.42
483	1	663	7.67	-6.65	-68.18	-6.81	-68.03	3.09	-76.71	-332.64	-82.48	-326.87	-37.99
		654	7.31	-12.57	-59.98	-13.41	-59.14	6.23	-82.63	-345.10	-85.94	-341.79	-29.29
		655	8.15	-9.52	-62.42	-11.65	-60.29	10.40	-84.89	-395.38	-86.50	-393.77	-22.31
		664	8.61	-5.53	-67.75	-6.85	-66.43	8.98	-86.54	-403.27	-89.45	-400.36	-30.22
483	33	663	5.92	-7.12	-69.59	-7.70	-69.00	-6.02	-36.25	-197.16	-55.00	-178.42	-51.62
		654	5.29	-13.72	-60.30	-13.90	-60.12	-2.89	-42.86	-193.34	-55.87	-180.33	-42.29
		655	6.00	-12.01	-61.30	-12.05	-61.27	1.27	-49.70	-237.47	-54.82	-232.35	-30.57
		664	6.68	-7.78	-67.40	-7.78	-67.40	-0.13	-52.67	-259.66	-60.38	-251.95	-39.20
483	65	663	5.80	-7.04	-69.80	-7.77	-69.07	-6.70	-32.30	-187.63	-52.89	-167.05	-52.67
		654	5.16	-13.66	-60.46	-13.94	-60.19	-3.57	-39.03	-182.50	-53.57	-167.96	-43.29
		655	5.85	-12.07	-61.34	-12.08	-61.34	0.59	-46.77	-225.61	-52.39	-219.99	-31.20
		664	6.54	-7.84	-67.49	-7.85	-67.47	-0.81	-49.82	-248.92	-58.16	-240.58	-39.89
484	1	664	10.08	-6.81	-69.49	-7.80	-68.50	7.82	-104.91	-502.65	-107.45	-500.11	-31.68
		655	9.65	-10.27	-64.60	-12.64	-62.22	11.11	-104.11	-497.69	-105.42	-496.38	-22.66
		656	10.25	-10.45	-63.74	-12.17	-62.03	9.41	-106.67	-536.45	-106.70	-536.42	-3.35
		665	10.94	-9.26	-69.02	-12.30	-65.98	13.14	-113.95	-571.46	-114.02	-571.38	-5.75
484	33	664	7.47	-8.30	-69.83	-8.31	-69.82	-0.50	-61.68	-307.11	-67.85	-300.94	-38.42
		655	6.79	-12.48	-63.69	-12.63	-63.54	2.78	-59.01	-286.32	-62.87	-282.47	-29.34
		656	7.34	-12.55	-63.37	-12.57	-63.35	1.09	-63.91	-322.69	-63.99	-322.61	-4.55
		665	8.22	-12.43	-67.72	-12.85	-67.30	4.82	-74.10	-372.49	-74.27	-372.32	-7.11
484	65	664	7.27	-8.32	-69.94	-8.35	-69.92	-1.12	-58.16	-292.38	-64.82	-285.72	-38.94
		655	6.57	-12.54	-63.73	-12.63	-63.64	2.16	-55.38	-270.34	-59.61	-266.11	-29.86
		656	7.12	-12.60	-63.45	-12.60	-63.44	0.47	-60.64	-306.35	-60.72	-306.26	-4.64
		665	8.01	-12.57	-67.71	-12.89	-67.39	4.20	-71.05	-357.29	-71.23	-357.11	-7.22
485	2	667	21.63	-60.27	-151.01	-142.37	-68.91	-26.63	878.17	-678.91	-367.23	566.49	623.03
		992	17.18	54.61	-110.91	-80.28	23.97	64.29	649.73	-132.93	149.92	366.87	376.00
		657	13.44	29.52	-110.00	-97.46	16.97	-39.91	610.84	-249.35	-111.88	473.37	315.21
		666	17.47	-62.73	-155.78	-145.24	-73.27	-29.49	969.37	28.27	109.63	888.00	264.48
485	34	667	19.72	-61.55	-120.68	-110.00	-72.23	-22.75	752.52	-647.94	-361.03	465.61	565.23
		992	14.78	64.13	-82.19	-38.92	20.87	66.77	550.79	-78.80	163.84	308.15	306.41
		657	12.23	20.97	-105.71	-97.61	12.87	-30.98	501.48	-244.56	-126.74	383.66	272.06
		666	15.46	-72.32	-154.60	-149.45	-77.47	-19.94	844.30	25.79	92.35	777.73	223.72
485	66	667	19.57	-61.52	-118.50	-107.53	-72.48	-22.46	742.89	-645.58	-360.58	457.89	560.79
		992	14.61	65.08	-80.23	-35.77	20.63	66.96	543.25	-74.72	164.88	303.65	301.09
		657	12.14	20.35	-105.42	-97.63	12.56	-30.31	493.10	-244.16	-127.85	376.79	268.74
		666	15.31	-72.99	-154.58	-149.78	-77.79	-19.21	834.72	25.60	91.03	769.29	220.59
486	6	666	16.22	-17.41	-206.46	-170.73	-53.14	-74.01	766.65	-47.98	-5.89	724.55	180.33
		657	10.68	12.03	-78.55	-78.36	11.84	-4.19	488.82	-105.57	-13.37	396.62	215.18
		659	8.69	3.64	-99.28	-69.21	-26.43	-46.80	385.54	-48.78	-29.74	366.49	88.94
		668	13.07	15.44	-134.79	-37.02	-82.33	-71.61	488.49	0.04	8.13	480.40	62.34
486	38	666	15.13	-20.03	-207.50	-168.48	-59.05	-76.11	679.52	-48.24	-20.41	651.68	139.58
		657	9.39	6.51	-74.34	-73.80	5.97	-6.61	421.15	-100.27	-32.64	353.51	175.19
		659	7.96	0.85	-103.14	-69.89	-32.40	-48.50	328.64	-49.95	-41.14	319.82	57.08
		668	11.98	12.80	-141.04	-39.90	-88.34	-73.01	406.08	-4.77	-2.57	403.88	29.98
486	70	666	15.05	-20.22	-207.59	-168.31	-59.50	-76.27	672.92	-48.32	-21.51	646.11	136.45
		657	9.29	6.10	-74.03	-73.45	5.52	-6.80	416.03	-99.93	-34.11	350.21	172.13
		659	7.90	0.65	-103.44	-69.94	-32.85	-48.63	324.40	-50.14	-42.00	316.25	54.64
		668	11.90	12.60	-141.52	-40.12	-88.80	-73.11	399.90	-5.25	-3.38	398.03	27.50
487	21	668	12.48	-17.73	-160.19	-55.93	-121.99	-63.11	410.58	-5.19	-5.11	410.51	5.57
		659	7.11	-21.13	-80.97	-52.83	-49.27	-29.87	308.16	-45.61	-43.46	306.01	27.53
		660	6.86	-15.03	-89.47	-32.45	-72.05	-31.52	230.32	-32.63	-30.59	228.27	-23.12
		669	9.36	-2.83	-116.96	-11.11	-108.68	-29.62	270.75	-19.02	-13.37	265.09	-40.08

487	53	668	12.08	-9.86	-161.74	-57.09	-114.50	-70.30	384.25	-10.83	-10.82	384.25	1.64
		659	6.74	-10.95	-86.00	-55.14	-41.80	-36.93	283.24	-47.25	-45.66	281.65	22.87
		660	6.35	-8.17	-90.99	-34.58	-64.58	-38.60	206.92	-37.60	-34.48	203.79	-27.47
487	85	669	8.71	0.82	-114.46	-12.44	-101.19	-36.79	246.10	-24.69	-17.32	238.72	-44.07
		668	12.05	-9.26	-161.88	-57.18	-113.96	-70.83	382.37	-11.24	-11.23	382.36	1.34
		659	6.72	-10.18	-86.39	-55.31	-41.26	-37.45	281.45	-47.37	-45.82	279.90	22.52
488	19	660	6.31	-7.61	-91.16	-34.73	-64.04	-39.12	205.26	-37.98	-34.76	202.04	-27.80
		669	8.66	1.14	-114.33	-12.54	-100.65	-37.32	244.34	-25.11	-17.60	236.83	-44.37
		669	9.73	-10.58	-140.16	-21.36	-129.38	-35.79	254.21	-25.93	-10.38	238.66	-64.14
488	51	660	7.08	-16.33	-103.77	-30.87	-89.23	-32.55	208.29	-42.27	-30.60	196.62	-52.81
		661	6.31	-11.28	-99.91	-17.70	-93.49	-22.97	149.59	-63.44	-34.66	120.81	-72.82
		670	7.72	-5.24	-117.58	-8.81	-114.01	-19.71	171.08	-54.44	-21.46	138.11	-79.68
488	83	669	8.94	-5.48	-128.62	-20.74	-113.37	-40.57	240.57	-26.69	-14.16	228.05	-56.48
		660	6.35	-9.83	-95.06	-31.66	-73.24	-37.20	195.46	-42.70	-34.28	187.04	-43.98
		661	5.39	-7.99	-88.44	-18.92	-77.50	-27.57	135.99	-59.18	-34.37	111.18	-65.01
488	83	670	6.77	-2.20	-104.25	-8.44	-98.00	-24.47	157.26	-51.45	-21.68	127.50	-72.98
		669	8.89	-5.06	-127.82	-20.69	-112.19	-40.92	239.61	-26.73	-14.43	227.31	-55.89
		660	6.31	-9.27	-94.50	-31.72	-72.06	-37.54	194.56	-42.73	-34.54	186.38	-43.31
489	3	661	5.32	-7.67	-87.66	-19.01	-76.32	-27.91	135.01	-58.83	-34.34	110.52	-64.41
		670	6.70	-1.93	-103.31	-8.42	-96.82	-24.81	156.26	-51.20	-21.69	126.75	-72.47
		670	8.97	-2.06	-123.71	-12.22	-113.55	-33.66	273.44	-39.75	-3.17	236.86	-100.60
489	35	661	7.67	-3.99	-107.08	-18.98	-92.09	-36.34	258.15	-49.61	-15.76	224.30	-96.29
		662	6.88	-4.36	-99.94	-12.86	-91.43	-27.22	192.90	-88.42	-47.20	151.68	-99.49
		671	7.45	-2.03	-108.45	-8.24	-102.24	-24.95	194.98	-80.46	-36.01	150.53	-101.33
489	67	670	7.45	-1.01	-109.36	-10.49	-99.88	-30.61	206.58	-43.80	-11.26	174.05	-84.18
		661	6.11	-4.10	-93.23	-18.91	-78.42	-33.18	187.93	-52.59	-24.26	159.60	-77.54
		662	5.20	-4.54	-85.68	-12.46	-77.76	-24.08	128.97	-80.16	-39.50	88.32	-82.76
489	67	671	5.84	-0.88	-94.04	-6.36	-88.56	-21.92	134.92	-75.15	-29.24	89.01	-86.81
		670	7.33	-0.93	-108.29	-10.36	-98.86	-30.38	201.51	-44.10	-11.88	169.29	-82.92
		661	5.99	-4.11	-92.20	-18.90	-77.41	-32.93	182.59	-52.81	-24.90	154.68	-76.09
490	3	662	5.07	-4.56	-84.61	-12.43	-76.74	-23.84	124.21	-79.61	-38.91	83.51	-81.48
		671	5.71	-0.80	-92.97	-6.22	-87.54	-21.69	130.48	-74.85	-28.73	84.35	-85.69
		671	8.71	-2.79	-113.88	-7.76	-108.91	-22.96	271.38	-39.90	2.48	229.00	-106.76
490	35	662	8.08	-5.61	-104.68	-12.52	-97.77	-25.25	266.87	-45.96	-7.13	228.04	-103.15
		663	7.16	-5.41	-100.00	-8.97	-96.44	-18.01	201.96	-61.02	-16.49	157.43	-98.63
		672	7.29	-2.78	-104.79	-5.81	-101.75	-17.32	194.89	-59.92	-10.54	145.51	-100.72
490	67	671	6.50	-1.57	-97.93	-6.08	-93.41	-20.36	170.80	-54.13	-9.17	125.84	-89.95
		662	5.82	-5.43	-88.91	-12.07	-82.27	-22.58	163.52	-58.70	-19.02	123.84	-85.11
		663	4.89	-5.46	-84.06	-8.58	-80.94	-15.34	104.52	-75.78	-25.17	53.91	-81.02
490	67	672	5.08	-1.65	-88.82	-4.21	-86.26	-14.72	101.84	-77.89	-19.07	43.02	-84.33
		671	6.34	-1.48	-96.75	-5.95	-92.27	-20.16	163.29	-55.41	-10.06	117.94	-88.67
		662	5.65	-5.42	-87.75	-12.04	-81.13	-22.38	155.75	-59.83	-19.93	115.85	-83.73
491	17	663	4.72	-5.47	-82.88	-8.55	-79.80	-15.13	97.46	-77.32	-25.83	45.98	-79.68
		672	4.91	-1.57	-87.64	-4.09	-85.12	-14.52	95.22	-79.77	-19.72	35.17	-83.08
		672	8.21	-5.44	-120.01	-6.28	-119.17	9.76	-11.37	-203.07	-40.08	-174.37	-68.40
491	49	663	7.82	-6.69	-114.74	-7.54	-113.89	9.52	-20.61	-199.75	-48.68	-171.68	-65.11
		664	8.64	-10.12	-114.08	-12.32	-111.89	14.94	-45.08	-258.57	-57.40	-246.25	-49.79
		673	9.20	-9.55	-118.11	-11.89	-115.77	15.77	-45.55	-282.17	-57.75	-269.97	-52.33
491	81	672	6.43	-4.16	-95.97	-4.18	-95.95	-1.54	8.59	-149.67	-31.21	-109.87	-68.66
		663	5.96	-7.81	-90.70	-7.84	-90.67	-1.69	0.89	-144.15	-39.24	-104.03	-64.89
		664	6.66	-10.07	-88.83	-10.24	-88.66	3.65	-29.44	-194.42	-45.69	-178.17	-49.16
491	81	673	7.29	-7.22	-92.77	-7.45	-92.55	4.40	-31.00	-220.73	-46.66	-205.06	-52.21
		672	6.31	-3.97	-94.30	-4.03	-94.24	-2.37	10.37	-145.91	-30.55	-104.99	-68.70
		663	5.83	-7.78	-89.04	-7.86	-88.96	-2.52	2.85	-140.28	-38.53	-98.90	-64.89
492	1	664	6.52	-9.98	-87.06	-10.08	-86.95	2.82	-28.14	-189.67	-44.81	-173.01	-49.13
		673	7.16	-6.97	-90.99	-7.12	-90.84	3.56	-29.81	-216.16	-45.82	-200.15	-52.22
		673	10.15	-2.54	-72.41	-3.85	-71.10	9.47	-90.84	-488.48	-93.04	-486.27	-29.53
492	33	664	10.08	-7.03	-69.93	-8.98	-67.97	10.91	-96.92	-502.05	-98.87	-480.11	-28.01
		665	10.85	-10.64	-66.57	-12.47	-64.74	9.96	-113.83	-571.34	-113.90	-571.27	-5.72
		674	11.61	-7.26	-71.68	-11.84	-67.09	16.56	-122.64	-613.65	-122.71	-613.58	-5.67
492	65	673	7.83	-3.58	-73.08	-3.62	-73.03	1.77	-55.96	-315.19	-62.52	-308.64	-40.71
		664	7.45	-8.65	-70.07	-8.82	-69.90	3.21	-58.62	-307.63	-64.34	-301.91	-37.31
		665	8.18	-12.91	-66.76	-13.01	-66.67	2.26	-73.98	-372.39	-74.15	-372.22	-7.09
492	67	674	9.18	-11.13	-70.38	-12.48	-69.02	8.86	-86.89	-435.36	-87.12	-435.12	-9.09
		673	7.66	-3.58	-73.19	-3.60	-73.17	1.19	-53.06	-302.22	-60.20	-295.08	-41.57
		664	7.26	-8.69	-70.15	-8.81	-70.04	2.63	-55.46	-293.02	-61.71	-286.77	-38.02
493	3	665	7.98	-13.00	-66.86	-13.05	-66.81	1.69	-70.93	-357.19	-71.11	-357.01	-7.20
		674	9.00	-11.34	-70.35	-12.53	-69.16	8.29	-84.15	-421.75	-84.41	-421.50	-9.35
		28	146.12	166.94	-873.36	-150.80	-555.62	-479.15	6258.52	-516.67	1874.32	3867.53	3237.68
493	35	993	34.62	45.24	-520.63	-82.67	-392.72	236.68	521.48	-1071.33	340.18	-890.03	-505.87
		666	35.97	186.91	-344.86	-119.68	-38.28	-262.75	828.06	-207.43	83.34	537.29	465.34
		675	54.15	-27.34	-660.02	-130.92	-556.45	234.10	328.44	-2014.13	-843.79	-841.90	-1171.28
493	67	28	148.66	165.50	-858.84	-161.35	-531.99	-477.47	6493.71	-482.70	1958.66	4052.35	3327.41
		993	33.94	38.24	-510.50	-102.93	-369.33	239.87	552.24	-973.86	403.95	-825.57	-452.01
		666	36.89	203.46	-332.93	-115.19	-14.29	-263.40	941.27	-208.24	76.10	656.93	495.99
493	67	675	53.52	-17.41	-637.67	-122.71	-532.37	232.87	377.60	-1873.17	-841.98	-653.59	-1121.44
		28	148.85	165.42	-857.73	-162.14	-530.17	-477.34	6511.68	-480.13	1965.07	4066.48	3334.27

		993	33.89	37.79	-509.77	-104.46	-367.52	240.11	554.62	-966.46	408.77	-820.61	-447.86
		666	36.96	204.74	-332.02	-114.84	-12.44	-263.45	950.11	-208.41	75.56	666.13	498.34
		675	53.48	-16.63	-635.96	-122.08	-530.51	232.78	381.72	-1862.72	-841.81	-639.19	-1117.64
494	21	675	40.59	-131.21	-596.01	-241.06	-486.17	-197.46	1016.37	175.80	232.69	959.49	211.13
		666	14.09	63.58	-122.87	-84.70	25.41	-75.23	516.22	-87.22	-86.74	515.74	16.98
		668	16.65	-22.99	-244.56	-104.21	-163.34	-106.77	446.67	46.85	53.38	440.13	50.70
		676	19.95	121.51	-168.09	121.21	-167.78	9.41	450.92	-91.14	-91.14	450.91	1.28
494	53	675	40.04	-129.83	-595.45	-244.26	-481.02	-200.47	983.22	174.28	227.07	930.44	199.79
		666	14.38	69.59	-126.52	-87.49	30.57	-78.30	489.01	-92.45	-92.39	488.96	5.50
		668	16.25	-18.81	-245.01	-105.66	-158.16	-110.02	416.55	46.95	52.59	410.90	45.33
		676	19.19	118.23	-162.78	118.08	-162.63	6.39	421.40	-93.71	-93.52	421.21	-9.91
494	85	675	40.00	-129.73	-595.44	-244.49	-480.67	-200.69	980.74	174.17	226.66	928.25	198.95
		666	14.40	70.02	-126.79	-87.70	30.92	-78.52	486.99	-92.84	-92.80	486.95	4.64
		668	16.22	-18.50	-245.07	-105.76	-157.81	-110.26	414.28	46.95	52.53	408.71	44.92
		676	19.14	117.99	-162.42	117.85	-162.28	6.17	419.19	-93.92	-93.70	418.97	-10.73
495	19	676	17.73	-20.16	-242.53	-26.98	-235.71	-38.34	429.72	14.51	15.12	429.12	-15.81
		668	13.70	7.47	-182.80	-27.61	-147.72	-73.78	380.83	-33.65	-29.95	377.13	-38.96
		669	10.09	-6.96	-153.36	-23.92	-136.40	-46.85	248.10	-33.12	-15.50	230.48	-68.14
		677	12.17	13.71	-160.18	12.23	-158.70	-15.98	255.98	-26.82	-20.70	249.87	-41.14
495	51	676	16.77	-18.90	-224.33	-26.08	-217.15	-37.73	424.06	15.71	15.93	423.84	-9.37
		668	12.78	9.50	-167.53	-28.84	-129.19	-72.92	372.86	-31.17	-28.61	370.30	-32.06
		669	9.10	-5.75	-136.78	-24.67	-117.86	-46.05	239.65	-29.47	-14.09	224.28	-62.47
		677	11.17	13.72	-141.66	12.21	-140.15	-15.26	250.03	-23.79	-18.98	245.22	-35.98
495	83	676	16.70	-18.81	-222.99	-26.01	-215.78	-37.68	423.71	15.80	16.00	423.52	-8.89
		668	12.71	9.67	-166.42	-28.94	-127.82	-72.85	372.34	-30.98	-28.50	369.85	-31.54
		669	9.03	-5.64	-135.57	-24.72	-116.49	-45.99	239.08	-29.19	-13.98	223.87	-62.03
		677	11.09	13.72	-140.29	12.21	-138.77	-15.20	249.66	-23.56	-18.85	244.95	-35.59
496	19	677	12.46	-3.54	-174.49	-5.06	-172.97	-16.02	269.63	-10.47	-2.08	261.23	-47.77
		669	10.77	-1.27	-156.72	-13.66	-144.34	-42.10	263.41	-37.39	-16.28	242.31	-76.82
		670	8.45	-1.66	-133.16	-7.55	-127.27	-27.19	180.45	-65.15	-24.28	139.58	-91.47
		678	9.26	2.43	-139.22	1.54	-138.33	-11.17	164.95	-30.36	-11.85	146.44	-57.21
496	51	677	11.22	-2.46	-152.59	-4.18	-150.88	-15.94	257.11	-11.20	-4.09	250.00	-43.10
		669	9.56	0.39	-136.57	-13.92	-122.25	-41.90	250.74	-36.84	-18.25	232.15	-70.71
		670	7.17	-1.40	-112.19	-8.39	-105.19	-26.94	168.36	-62.42	-23.47	129.40	-86.44
		678	7.98	2.44	-117.27	1.42	-116.25	-10.99	152.80	-28.73	-11.21	135.28	-53.61
496	83	677	11.13	-2.38	-150.97	-4.11	-149.24	-15.93	256.23	-11.25	-4.23	249.21	-42.74
		669	9.47	0.54	-135.10	-13.95	-120.62	-41.89	249.84	-36.78	-18.39	231.45	-70.24
		670	7.07	-1.36	-110.65	-8.46	-103.56	-26.92	167.49	-62.19	-23.40	128.69	-86.05
		678	7.88	2.45	-115.64	1.42	-114.62	-10.98	151.93	-28.59	-11.16	134.50	-53.33
497	3	678	10.49	-1.13	-140.52	-2.61	-139.04	-14.27	259.07	-18.87	0.80	239.40	-71.27
		670	9.86	0.98	-134.70	-6.17	-127.54	-30.33	277.43	-51.84	-11.07	236.65	-108.46
		671	8.22	0.21	-119.78	-3.92	-115.66	-21.87	200.83	-83.80	-31.80	148.83	-109.98
		679	8.22	-0.89	-120.26	-2.18	-118.97	-12.32	172.29	-44.97	-16.47	143.79	-73.34
497	35	678	8.63	-0.45	-119.92	-1.61	-118.76	-11.72	198.21	-22.54	-3.49	179.16	-62.00
		670	7.94	0.33	-114.38	-6.78	-107.26	-27.66	215.16	-55.68	-15.77	175.26	-96.00
		671	6.28	-0.27	-99.26	-4.16	-95.38	-19.23	145.26	-84.13	-27.90	89.04	-98.68
		679	6.34	0.05	-99.65	-0.92	-98.68	-9.79	117.70	-44.85	-12.20	85.06	-65.12
497	67	678	8.49	-0.40	-118.38	-1.53	-117.24	-11.53	193.63	-22.83	-3.81	174.61	-61.29
		670	7.80	0.28	-112.86	-6.83	-105.75	-27.46	210.47	-55.99	-16.13	170.61	-95.04
		671	6.13	-0.31	-97.73	-4.18	-93.86	-19.03	141.19	-84.28	-27.61	84.51	-97.81
		679	6.20	0.13	-98.11	-0.82	-97.17	-9.59	113.74	-44.99	-11.88	80.63	-64.49
498	3	679	9.55	-1.09	-124.78	-1.86	-124.01	-9.75	248.71	-21.10	3.97	223.64	-78.33
		671	9.53	-0.05	-123.81	-3.14	-120.71	-19.32	273.02	-56.72	-10.70	227.00	-114.27
		672	8.14	-0.23	-115.17	-1.95	-113.45	-13.96	191.68	-82.42	-31.92	141.18	-106.26
		680	7.65	-1.04	-112.17	-1.76	-111.45	-8.93	162.26	-43.33	-11.12	130.05	-74.73
498	35	679	7.04	-0.40	-103.18	-0.99	-102.58	-7.81	153.09	-30.95	-0.95	123.09	-67.98
		671	6.97	-0.57	-102.33	-3.60	-99.29	-17.31	178.24	-68.74	-15.92	125.42	-101.27
		672	5.57	-0.59	-93.59	-2.15	-92.03	-11.96	106.08	-94.30	-29.34	41.12	-93.79
		680	5.13	-0.17	-90.57	-0.72	-90.02	-6.99	78.98	-56.51	-8.50	30.96	-64.81
498	67	679	6.85	-0.35	-101.58	-0.93	-101.00	-7.66	146.03	-31.97	-1.33	115.39	-67.20
		671	6.77	-0.61	-100.74	-3.64	-97.71	-17.16	171.24	-69.93	-16.32	117.64	-100.27
		672	5.38	-0.61	-91.99	-2.16	-90.44	-11.80	100.12	-95.82	-29.15	33.45	-92.84
		680	4.94	-0.11	-88.97	-0.64	-88.44	-6.85	73.52	-58.45	-8.31	23.37	-64.06
499	17	680	9.46	-2.95	-134.68	-3.08	-134.56	4.05	5.45	-204.90	-11.21	-188.24	-56.81
		672	9.40	-2.70	-136.73	-2.70	-136.73	-0.70	5.15	-210.70	-32.32	-173.23	-81.76
		673	10.52	0.77	-133.65	0.67	-133.55	3.62	-21.96	-283.16	-37.04	-268.07	-60.93
		681	10.76	-1.09	-127.58	-1.27	-127.40	4.79	-3.06	-303.64	-9.00	-297.70	-41.83
499	49	680	7.00	-1.32	-102.13	-1.32	-102.13	-0.28	16.93	-143.46	-6.04	-120.48	-56.19
		672	7.08	-2.37	-104.55	-2.61	-104.31	-4.98	22.45	-160.02	-27.90	-109.67	-81.56
		673	8.02	-0.81	-101.14	-0.82	-101.13	-0.61	-16.73	-224.79	-36.57	-204.94	-61.11
		681	8.19	-0.64	-94.98	-0.64	-94.98	0.50	-0.72	-237.93	-8.29	-230.36	-41.68
499	81	680	6.82	-1.18	-99.75	-1.19	-99.75	-0.60	18.00	-139.01	-5.66	-115.35	-56.16
		672	6.91	-2.32	-102.20	-2.61	-101.92	-5.29	24.04	-156.47	-27.57	-104.86	-81.57
		673	7.84	-0.92	-98.76	-0.93	-98.75	-0.92	-16.21	-220.48	-36.54	-200.16	-61.14
		681	8.00	-0.59	-92.59	-0.59	-92.59	0.18	-0.50	-233.00	-8.23	-225.26	-41.69
500	17	681	11.85	-2.06	-144.39	-2.46	-143.99	7.54	8.54	-312.28	6.75	-310.50	-23.87
		673	12.17	0.59	-158.28	-0.72	-156.97	14.38	-41.44	-324.36	-51.83	-313.96	-53.22

		674	12.91	-22.81	-146.08	-24.47	-144.42	14.21	-96.34	-454.18	-97.38	-453.14	-19.28
		27	14.29	-25.85	-160.48	-30.07	-156.26	23.47	-74.59	-493.26	-75.43	-492.42	18.74
500	49	681	8.80	1.61	-102.40	1.61	-102.40	0.19	16.62	-238.23	11.70	-233.31	-35.07
		673	8.83	-1.65	-115.83	-2.09	-115.39	7.08	-30.16	-241.15	-45.03	-226.28	-54.01
		674	9.70	-18.14	-103.39	-18.70	-102.83	6.84	-78.14	-364.49	-79.40	-363.23	-18.94
		27	11.25	-16.70	-117.30	-19.33	-114.67	16.05	-59.27	-413.62	-59.74	-413.16	12.78
500	81	681	8.58	1.91	-99.35	1.91	-99.34	-0.35	17.33	-232.82	12.06	-227.55	-35.92
		673	8.59	-1.81	-112.72	-2.20	-112.33	6.55	-29.18	-235.05	-44.53	-219.70	-54.08
		674	9.47	-17.79	-100.26	-18.27	-99.77	6.30	-76.77	-357.76	-78.05	-356.48	-18.92
		27	11.03	-16.03	-114.13	-18.54	-111.62	15.50	-58.13	-407.68	-58.56	-407.24	12.33
501	22	15	20.32	-19.32	-379.38	-44.11	-354.59	-91.17	44.49	-173.50	-68.02	-60.99	-108.94
		473	10.45	169.60	56.93	114.83	111.70	-56.31	16.51	-312.69	14.73	-310.92	24.13
		682	21.00	59.69	-284.49	-16.35	-208.45	-142.79	-38.45	-373.13	-155.12	-256.46	-159.48
		471	13.33	126.96	-92.41	-2.19	36.73	-107.95	-5.65	-333.50	-35.63	-303.52	94.50
501	52	15	21.44	-12.30	-377.92	-33.25	-356.97	-84.98	103.61	-238.35	-56.16	-78.58	-170.61
		473	8.67	163.07	62.58	116.33	109.33	-50.12	46.87	-221.80	46.52	-221.45	-9.77
		682	20.20	74.59	-276.20	9.21	-210.83	-136.60	57.14	-259.59	-49.83	-152.63	-149.79
		471	12.31	132.72	-70.91	27.45	34.36	-101.76	60.27	-325.41	45.96	-311.10	72.89
501	84	15	21.49	-12.05	-377.60	-33.18	-356.47	-85.31	102.78	-240.46	-55.90	-81.78	-171.13
		473	8.68	163.39	62.30	115.86	109.83	-50.45	47.95	-219.51	47.61	-219.17	-9.53
		682	20.15	74.91	-276.06	9.17	-210.33	-136.93	58.02	-254.08	-46.21	-149.85	-147.19
		471	12.40	133.31	-71.00	27.46	34.86	-102.09	63.23	-328.33	48.60	-313.71	74.25
502	14	31	89.99	65.36	-647.93	41.43	-624.00	-128.45	3707.66	-153.95	301.26	3252.46	1245.23
		682	50.60	294.28	-42.95	-8.15	259.48	-102.59	-631.10	-2675.85	-641.19	-2665.76	143.22
		683	30.74	138.44	-178.27	-120.13	80.30	-122.61	170.29	-1100.83	-134.80	-795.74	542.88
		474	44.65	-213.60	-570.28	-238.83	-545.05	-91.46	1450.42	239.77	259.05	1431.14	151.56
502	55	31	84.40	130.22	-656.76	128.46	-655.00	-37.20	3455.58	205.05	481.26	3179.37	906.39
		682	34.30	229.10	72.64	73.70	228.04	-12.83	144.10	-1652.17	-7.03	-1501.04	-498.62
		683	8.21	59.88	-44.83	-34.17	49.21	-31.67	405.72	291.93	311.05	386.59	-42.55
		474	46.86	-155.05	-576.32	-155.05	-576.32	-1.14	1515.91	244.75	248.66	1512.00	70.42
502	87	31	84.35	128.40	-657.54	126.52	-655.66	-38.40	3445.49	193.15	470.91	3167.72	908.98
		682	34.44	228.65	70.75	71.99	227.41	-13.97	122.27	-1669.93	-20.88	-1526.78	-485.85
		683	7.79	59.82	-47.15	-35.90	48.57	-32.81	373.73	288.85	301.62	360.96	-30.34
		474	46.72	-156.83	-576.97	-156.85	-576.96	-2.30	1505.19	243.61	247.77	1501.03	72.32
503	7	474	58.56	-32.92	-717.25	-54.91	-695.26	-120.70	1666.85	213.69	283.42	1597.12	310.59
		683	14.98	91.59	-31.39	48.23	11.96	58.76	998.22	253.71	255.64	996.29	-37.82
		684	29.36	-99.12	-273.08	-102.51	-269.69	-24.05	1248.85	150.86	151.78	1247.94	31.65
		476	34.78	113.57	-364.61	93.90	-344.94	94.96	890.05	-28.11	-23.68	885.62	-63.58
503	39	474	52.87	-67.36	-693.85	-116.16	-645.05	-167.90	1383.06	145.21	258.10	1270.17	356.37
		683	10.36	63.92	-14.08	-12.32	62.17	11.55	545.47	205.52	205.90	545.09	11.32
		684	21.54	-78.73	-255.56	-114.81	-219.48	-71.25	800.62	107.25	109.62	798.25	40.42
		476	26.43	87.26	-300.70	81.29	-294.73	47.76	566.47	-47.31	-41.06	560.22	-61.60
503	71	474	52.50	-69.40	-692.65	-120.85	-641.20	-171.52	1362.29	139.10	256.17	1245.21	359.86
		683	10.11	66.78	-17.71	-16.96	66.02	7.93	511.40	201.37	202.10	510.66	15.07
		684	21.02	-75.69	-255.69	-115.75	-215.63	-74.87	766.49	103.85	106.40	763.94	41.09
		476	25.80	85.50	-296.05	80.32	-290.88	44.14	541.84	-48.85	-42.39	535.38	-61.44
504	7	476	38.86	-14.51	-466.19	-15.33	-465.37	19.25	1105.14	74.33	77.72	1101.76	58.98
		684	29.97	-26.75	-330.39	-29.03	-328.10	-26.23	984.75	97.08	98.48	983.36	35.16
		685	30.95	1.80	-354.39	1.09	-353.69	15.84	908.43	56.12	56.13	908.43	1.84
		478	33.02	14.12	-378.32	8.86	-373.06	45.13	947.72	38.32	38.35	947.70	4.91
504	39	476	28.53	-12.89	-365.82	-12.97	-365.74	-5.19	727.35	46.73	49.88	724.20	46.20
		684	20.01	-28.58	-241.33	-41.43	-228.48	-50.68	623.56	72.74	73.93	622.36	25.63
		685	20.36	-12.93	-254.37	-13.24	-254.06	-8.60	548.70	37.96	37.97	548.69	-2.62
		478	22.43	11.06	-274.94	9.55	-273.43	20.68	571.40	16.85	16.87	571.39	-2.82
504	79	476	27.76	-13.78	-366.26	-14.06	-365.99	-9.86	675.14	45.99	49.42	671.71	46.33
		684	19.42	-27.73	-243.96	-42.98	-228.72	-55.35	576.66	73.58	74.69	575.55	23.53
		685	19.66	-13.98	-255.04	-14.72	-254.30	-13.27	501.04	34.25	34.27	501.02	-2.86
		478	21.63	9.53	-274.58	8.62	-273.67	16.01	518.06	12.09	12.09	518.06	-0.63
505	15	478	33.09	-14.60	-447.12	-16.07	-445.65	25.20	743.33	2.44	2.44	743.33	-0.16
		685	31.53	0.07	-414.29	0.07	-414.28	0.55	729.88	17.59	17.90	729.57	14.79
		686	30.59	18.51	-412.06	17.44	-411.00	21.36	656.96	39.34	39.45	656.85	8.29
		480	30.52	-8.65	-422.87	-10.73	-420.80	29.21	658.09	34.22	34.31	658.01	-7.36
505	47	478	22.61	-6.98	-312.83	-7.27	-312.54	9.42	477.67	3.05	3.07	477.65	-3.27
		685	20.65	-9.91	-282.03	-10.77	-281.17	-15.23	462.81	18.57	18.60	462.78	3.54
		686	19.66	4.81	-278.00	4.70	-277.89	5.59	386.77	21.35	21.38	386.73	-3.74
		480	20.06	-3.26	-288.33	-3.89	-287.69	13.44	389.36	16.10	16.45	389.01	-11.38
505	79	478	21.81	-6.37	-302.58	-6.60	-302.35	8.22	457.46	3.09	3.12	457.43	-3.50
		685	19.83	-10.56	-272.03	-11.59	-270.99	-16.44	442.49	18.63	18.65	442.47	2.68
		686	18.83	3.80	-267.77	3.73	-267.70	4.38	366.23	19.95	20.01	366.17	-4.65
		480	19.26	-2.82	-278.05	-3.37	-277.50	12.23	368.92	14.70	15.09	368.54	-11.68
506	15	480	29.69	-21.20	-464.94	-22.73	-463.41	26.04	462.48	-5.75	-5.65	462.38	-6.71
		686	29.69	12.49	-451.86	11.77	-451.14	18.28	452.47	-2.04	-1.91	452.34	7.66
		687	28.60	25.01	-448.68	23.68	-447.35	25.06	381.88	23.99	23.99	381.88	0.06
		482	28.17	-15.06	-458.45	-16.65	-456.85	26.57	388.09	27.16	27.38	387.87	-8.83
506	47	480	19.75	-10.05	-310.51	-10.50	-310.06	11.63	296.94	-2.64	-2.24	296.54	-10.91
		686	19.28	2.03	-297.85	1.98	-297.80	3.88	289.86	1.90	1.95	289.81	-3.80
		687	18.17	11.12	-294.38	10.75	-294.00	10.66	216.25	10.07	10.38	215.94	-8.01

		482	18.23	-7.10	-304.01	-7.60	-303.51	12.17	219.44	12.30	13.11	218.63	-12.90
506	79	480	18.99	-9.18	-298.70	-9.56	-298.32	10.53	284.36	-2.43	-1.99	283.92	-11.23
		686	18.48	1.25	-286.08	1.23	-286.06	2.78	277.51	2.17	2.25	277.43	-4.67
		687	17.37	10.07	-282.57	9.76	-282.26	9.56	203.69	8.97	9.35	203.31	-8.62
		482	17.47	-6.48	-292.20	-6.91	-291.77	11.07	206.65	11.13	12.03	205.75	-13.20
507	7	482	27.02	-26.78	-507.69	-28.98	-505.50	32.41	142.12	-26.41	-21.39	137.11	-28.63
		687	27.62	18.77	-497.17	16.94	-495.34	30.68	139.87	-23.17	-22.72	139.41	-8.59
		688	26.55	30.79	-495.21	28.83	-493.25	32.03	70.86	9.69	10.23	70.32	-5.75
		484	25.71	-16.75	-504.68	-18.88	-502.56	32.15	67.08	16.00	17.47	65.61	-8.54
507	39	482	17.74	-13.09	-328.92	-13.80	-328.21	14.92	103.78	-14.34	-10.03	99.47	-22.14
		687	17.75	7.81	-318.59	7.27	-318.05	13.18	101.97	-12.94	-11.66	100.68	-12.08
		688	16.64	14.63	-316.60	13.99	-315.96	14.53	30.89	-2.21	0.88	27.80	-9.63
		484	16.43	-8.20	-325.95	-8.87	-325.27	14.66	30.64	1.99	8.39	24.23	-11.94
507	71	482	17.03	-12.02	-315.22	-12.63	-314.61	13.58	100.88	-13.42	-9.16	96.62	-21.65
		687	16.99	6.98	-304.90	6.53	-304.45	11.84	99.13	-12.20	-10.81	97.75	-12.35
		688	15.88	13.41	-302.92	12.86	-302.36	13.19	28.10	-3.36	0.16	24.58	-9.93
		484	15.71	-7.52	-312.25	-8.11	-311.67	13.31	28.31	0.48	7.70	21.09	-12.20
508	7	484	29.75	-29.60	-554.10	-31.67	-552.03	32.85	-33.96	-202.83	-34.68	-202.12	-10.99
		688	30.28	23.02	-544.55	21.15	-542.68	32.52	-39.31	-184.69	-39.34	-184.66	2.15
		689	31.75	31.13	-544.35	29.17	-542.39	33.53	-9.91	-254.04	-10.43	-253.53	11.21
		486	31.11	-20.74	-550.86	-22.75	-548.86	32.51	2.43	-273.42	2.21	-273.20	-7.80
508	39	484	18.58	-14.47	-350.60	-15.14	-349.93	14.96	-14.39	-104.87	-16.35	-102.91	-13.18
		688	18.55	10.70	-341.19	10.09	-340.58	14.63	-22.09	-93.78	-22.57	-93.29	-5.90
		689	19.80	14.30	-340.98	13.61	-340.29	15.64	-12.92	-165.95	-12.93	-165.95	0.92
		486	19.78	-10.09	-347.39	-10.72	-346.76	14.62	1.55	-178.28	1.05	-177.78	-9.45
508	71	484	17.73	-13.29	-335.00	-13.87	-334.42	13.59	-12.80	-97.51	-14.95	-95.36	-13.34
		688	17.65	9.77	-325.60	9.25	-325.07	13.26	-20.65	-86.98	-21.30	-86.33	-6.51
		689	18.88	13.02	-325.39	12.42	-324.78	14.27	-13.12	-159.28	-13.12	-159.28	0.14
		486	18.91	-9.26	-331.80	-9.80	-331.25	13.25	1.50	-171.05	0.97	-170.52	-9.57
509	7	486	36.82	-33.59	-600.66	-35.74	-598.52	34.83	-49.27	-532.21	-49.31	-532.16	-4.73
		689	37.32	24.23	-595.35	22.11	-593.23	36.19	-57.71	-491.97	-58.22	-491.47	14.83
		690	38.65	27.77	-596.37	25.04	-593.64	41.19	-43.91	-564.11	-45.90	-562.12	32.11
		488	38.28	-26.96	-601.08	-29.29	-598.74	36.54	-26.06	-604.65	-26.72	-603.99	19.61
509	39	486	22.53	-15.89	-371.74	-16.57	-371.06	15.50	-22.63	-301.29	-22.87	-301.04	-8.28
		689	22.51	10.66	-366.53	9.91	-365.77	16.85	-35.51	-279.19	-35.54	-279.16	2.86
		690	23.65	9.88	-367.46	8.61	-366.19	21.85	-36.15	-353.18	-36.80	-352.53	14.35
		488	23.81	-13.54	-372.12	-14.37	-371.29	17.20	-13.68	-375.78	-13.87	-375.58	8.41
509	71	486	21.44	-14.52	-354.19	-15.10	-353.61	14.01	-20.58	-283.71	-20.86	-283.43	-8.55
		689	21.38	9.63	-348.98	8.97	-348.32	15.37	-33.80	-263.00	-33.82	-262.99	1.95
		690	22.50	8.51	-349.90	7.35	-348.74	20.37	-35.55	-337.12	-36.11	-336.56	13.00
		488	22.70	-12.50	-354.56	-13.23	-353.84	15.72	-12.73	-358.34	-12.89	-358.18	7.55
510	7	488	43.12	-32.61	-653.48	-37.12	-648.97	52.73	-42.30	-768.94	-45.65	-765.59	49.23
		690	45.24	29.63	-663.07	22.21	-655.65	71.29	-98.52	-809.79	-99.32	-809.00	23.73
		691	42.25	-81.60	-634.94	-89.40	-627.14	65.24	-185.80	-911.04	-185.80	-911.04	-0.37
		14	43.40	-152.68	-698.63	-167.07	-684.24	87.45	-147.66	-840.69	-152.56	-835.79	58.10
510	39	488	26.19	-10.39	-394.67	-11.57	-393.50	21.20	-15.16	-454.90	-16.14	-453.92	20.73
		690	26.95	8.52	-404.05	4.65	-400.18	39.77	-63.70	-468.97	-64.07	-468.60	12.18
		691	25.19	-55.29	-375.26	-58.88	-371.67	33.72	-116.33	-563.82	-116.35	-563.81	-2.69
		14	27.34	-84.38	-437.85	-93.46	-428.77	55.92	-85.36	-520.78	-88.86	-517.28	38.89
510	71	488	24.90	-8.64	-374.86	-9.60	-373.89	18.79	-13.06	-431.01	-13.89	-430.18	18.56
		690	25.54	6.90	-384.18	3.30	-380.58	37.35	-61.05	-443.01	-61.38	-442.67	11.30
		691	23.88	-53.26	-355.34	-56.54	-352.07	31.30	-111.04	-537.38	-111.06	-537.36	-2.87
		14	26.11	-79.14	-417.84	-87.82	-409.16	53.51	-80.61	-496.42	-84.01	-493.02	37.43
511	15	473	5.91	75.95	-39.29	69.06	-32.40	27.32	88.21	-92.88	27.85	-32.52	-85.36
		475	9.34	126.15	-65.29	72.98	-12.12	85.75	118.96	-63.05	93.83	-37.92	-62.79
		692	8.81	111.29	-41.93	56.62	12.74	73.40	246.47	81.62	143.09	185.01	-79.72
		682	15.54	99.06	-152.16	81.83	-134.93	63.50	264.77	-104.92	259.48	-99.63	43.90
511	47	473	6.62	84.95	-24.15	84.22	-23.42	-8.87	36.94	-144.45	-2.16	-105.35	-74.59
		475	7.56	108.89	-25.06	86.98	-3.14	49.56	61.57	-121.04	60.46	-119.92	-14.21
		692	4.10	60.13	-14.32	24.09	21.72	37.21	135.69	64.17	83.27	116.59	-31.65
		682	12.93	54.45	-130.09	50.32	-125.96	27.30	208.23	-164.82	200.78	-157.37	52.20
511	79	473	6.77	86.62	-23.98	85.38	-22.74	-11.64	33.30	-148.61	-4.42	-110.89	-73.75
		475	7.53	107.87	-22.29	88.04	-2.46	46.78	58.54	-126.75	57.94	-126.15	-10.51
		692	3.74	56.44	-12.43	21.61	22.40	34.43	127.47	62.68	78.75	111.40	-27.98
		682	12.75	51.33	-128.68	47.92	-125.27	24.53	203.97	-169.40	196.34	-161.76	52.85
512	15	682	20.82	179.75	-96.11	124.98	-41.34	110.05	1023.44	270.79	270.87	1023.37	7.66
		692	17.62	77.43	-134.49	27.07	-84.14	90.20	672.85	78.80	104.54	647.10	-120.95
		693	23.18	154.20	-142.47	68.44	-56.71	134.49	1023.12	230.60	252.00	1001.71	-128.48
		683	23.32	20.77	-160.62	-34.87	-104.98	83.65	1149.12	124.16	147.40	1125.88	-152.59
512	47	682	10.80	124.59	-45.85	96.97	-18.23	62.80	548.47	194.07	216.34	526.20	86.00
		692	8.62	20.30	-83.72	-2.38	-61.03	42.96	286.08	36.78	60.71	262.16	-73.43
		693	13.37	86.19	-97.14	22.64	-33.60	87.24	610.75	171.33	176.38	605.70	-46.83
		683	12.45	-43.89	-116.77	-78.78	-81.87	36.40	619.97	46.66	49.33	617.29	-39.09
512	79	682	10.49	120.44	-42.05	94.85	-16.46	59.19	516.18	184.38	212.21	488.34	91.98
		692	7.94	15.96	-79.84	-4.62	-59.26	39.34	257.21	33.02	57.41	232.83	-69.80
		693	12.63	81.09	-93.77	19.15	-31.83	83.63	579.56	166.59	170.62	575.53	-40.59
		683	11.68	-48.31	-113.93	-82.13	-80.11	32.79	580.28	40.15	41.87	578.56	-30.44

513	7	683	22.63	-0.10	-158.69	-25.42	-133.37	58.09	1154.01	212.26	212.29	1153.98	5.40
		693	27.59	147.29	-168.40	81.23	-102.35	128.41	1254.03	239.40	249.26	1244.17	-99.54
		694	26.35	37.69	-197.62	-20.53	-139.40	101.54	1273.07	166.95	168.29	1271.74	-38.42
		684	25.64	8.81	-187.54	-8.21	-170.52	55.24	1188.25	171.58	173.40	1186.43	-43.02
513	39	683	13.50	-74.96	-98.86	-75.33	-98.48	2.96	700.31	119.13	124.30	695.14	54.57
		693	15.34	63.69	-108.41	22.74	-67.46	73.28	705.16	141.41	144.60	701.98	-42.24
		694	15.22	-28.48	-132.84	-56.81	-104.51	46.41	732.99	80.22	80.32	732.88	-8.44
		684	16.35	-35.85	-135.63	-35.85	-135.63	0.11	731.66	101.50	102.21	730.94	-21.23
513	71	683	12.93	-79.06	-95.91	-79.15	-95.81	-1.27	666.33	111.39	117.59	660.13	58.31
		693	14.41	57.31	-103.84	18.26	-64.79	69.05	663.35	133.89	136.62	660.63	-37.87
		694	14.40	-33.53	-127.89	-59.59	-101.84	42.19	691.85	73.56	73.63	691.79	-6.15
		684	15.69	-37.79	-133.14	-37.96	-132.96	-4.11	696.82	96.15	96.79	696.18	-19.57
514	7	684	22.98	-18.16	-194.67	-24.25	-188.58	32.22	992.21	141.80	141.85	992.16	6.63
		694	23.14	59.17	-184.75	6.75	-132.33	100.20	1028.64	124.77	124.94	1028.47	-12.53
		695	23.38	24.19	-210.61	-15.97	-170.45	88.42	987.26	111.47	111.63	987.11	11.72
		685	24.14	9.74	-232.89	-8.56	-214.59	64.07	917.99	108.83	108.89	917.93	6.94
514	39	684	15.64	-49.39	-157.72	-52.12	-154.99	-16.98	625.60	88.06	88.30	625.36	11.33
		694	13.94	-4.24	-126.26	-31.77	-98.73	51.00	620.85	63.16	63.23	620.78	-5.89
		695	14.83	-20.13	-150.03	-33.31	-136.85	39.23	580.33	54.26	54.30	580.29	4.45
		685	16.62	-13.78	-182.31	-15.11	-180.99	14.88	552.00	59.73	59.74	551.99	-2.35
514	71	684	15.14	-50.05	-156.62	-54.25	-152.41	-20.75	597.65	83.96	84.23	597.38	11.68
		694	13.25	-9.10	-121.78	-34.72	-96.16	47.23	589.74	58.47	58.53	589.69	-5.39
		695	14.19	-23.31	-145.60	-34.64	-134.28	35.45	549.29	49.90	49.93	549.26	3.90
		685	16.07	-14.85	-179.17	-15.61	-178.42	11.11	524.10	55.97	55.99	524.08	-3.05
515	7	685	21.88	-11.86	-237.52	-22.92	-226.46	48.71	754.19	77.64	78.16	753.67	18.72
		695	20.77	23.40	-214.88	-5.11	-186.37	77.34	741.82	62.78	63.58	741.02	23.31
		696	20.95	30.42	-230.52	5.74	-205.83	76.37	674.70	62.64	63.52	673.82	23.21
		686	21.55	2.82	-250.39	-17.11	-230.46	68.19	678.54	68.88	69.15	678.28	12.65
515	39	685	15.52	-25.54	-186.57	-25.86	-186.25	7.16	472.99	45.90	45.97	472.92	5.45
		695	13.77	-14.88	-155.91	-24.63	-146.16	35.78	462.14	31.55	31.74	461.95	9.08
		696	14.12	1.39	-172.88	-5.86	-165.63	34.81	394.61	29.58	29.82	394.37	9.37
		686	15.11	-8.30	-194.15	-12.20	-190.25	26.63	397.14	35.10	35.10	397.14	-0.23
515	71	685	15.05	-25.98	-183.27	-26.08	-183.17	3.97	451.56	43.47	43.52	451.51	4.44
		695	13.24	-17.66	-151.55	-26.13	-143.08	32.59	440.82	29.16	29.32	440.67	8.00
		696	13.60	-0.58	-168.72	-6.75	-162.55	31.63	373.26	27.05	27.25	373.06	8.31
		686	14.63	-8.74	-190.25	-11.82	-187.17	23.44	375.71	32.50	32.51	375.70	-1.21
516	7	686	19.12	-9.80	-265.43	-26.83	-248.39	63.75	451.60	24.29	24.58	451.31	11.12
		696	18.85	27.90	-245.73	6.45	-224.29	73.54	450.55	17.46	19.05	448.96	26.22
		697	18.33	37.58	-250.78	17.41	-230.60	73.55	380.17	26.71	28.73	378.15	26.67
		687	18.30	-0.87	-267.96	-21.22	-247.60	70.87	378.51	31.67	32.01	378.17	10.84
516	39	686	13.95	-14.58	-202.49	-17.72	-199.35	24.08	289.06	14.18	14.18	289.06	-0.64
		696	13.14	0.84	-181.76	-5.67	-175.25	33.87	287.38	8.30	8.72	286.96	10.71
		697	12.66	12.49	-187.48	6.58	-181.56	33.88	215.22	10.16	10.77	214.61	11.17
		687	13.07	-5.85	-203.61	-10.90	-198.56	31.20	214.37	13.99	13.99	214.37	-0.91
516	71	686	13.56	-14.57	-198.04	-17.02	-195.59	21.04	276.70	13.38	13.39	276.70	-1.53
		696	12.71	-1.03	-177.06	-6.60	-171.49	30.83	274.96	7.59	7.93	274.62	9.52
		697	12.24	10.79	-182.85	5.74	-177.80	30.84	202.66	8.89	9.40	202.14	9.99
		687	12.68	-5.91	-199.00	-10.11	-194.80	28.16	201.90	12.61	12.62	201.89	-1.81
517	7	687	16.07	-9.55	-287.63	-29.00	-268.17	70.94	141.62	-17.40	-16.66	140.87	10.85
		697	16.31	35.28	-270.13	16.05	-250.90	74.19	148.92	-23.94	-19.29	144.27	27.97
		698	15.46	42.32	-270.88	23.58	-252.14	74.29	82.57	-16.83	-7.16	72.91	29.45
		688	15.07	-3.04	-286.90	-23.06	-266.87	72.69	70.83	-6.30	-3.73	68.27	13.83
517	47	687	12.03	-11.03	-211.29	-14.11	-208.21	24.65	115.52	-7.11	-7.03	115.45	3.02
		697	11.70	9.57	-194.81	5.69	-190.93	27.90	118.65	-11.90	-10.11	116.86	15.19
		698	10.80	14.68	-195.96	10.89	-192.17	27.99	48.09	-12.72	-8.20	43.56	15.96
		688	10.95	-7.01	-210.39	-10.50	-206.91	26.40	41.53	-5.05	-4.44	40.92	5.30
517	79	687	11.74	-10.58	-206.31	-13.11	-203.78	22.11	111.30	-6.64	-6.61	111.28	1.80
		697	11.36	8.17	-189.81	4.86	-186.51	25.36	114.11	-11.22	-9.72	112.60	13.67
		698	10.46	13.19	-190.97	9.96	-187.75	25.46	43.19	-12.55	-8.54	39.18	14.40
		688	10.66	-6.68	-205.39	-9.59	-202.48	23.86	37.02	-5.15	-4.76	36.63	4.05
518	7	688	17.51	-11.01	-306.96	-30.59	-287.38	73.56	-52.08	-189.13	-54.21	-187.00	16.97
		698	17.98	40.75	-290.84	22.54	-272.64	75.53	-50.17	-184.14	-56.77	-177.54	28.98
		699	19.05	43.37	-290.09	25.18	-271.90	75.73	-51.40	-255.74	-56.43	-250.70	31.68
		689	18.67	-6.80	-306.67	-26.96	-286.51	75.09	-49.93	-263.40	-52.41	-260.92	22.91
518	39	688	12.16	-9.40	-223.98	-14.60	-218.78	32.99	-29.86	-94.28	-30.00	-94.14	3.03
		698	12.02	16.01	-209.59	10.46	-204.04	34.95	-30.73	-91.52	-33.39	-88.85	12.45
		699	13.04	16.14	-208.93	10.51	-203.30	35.15	-36.83	-164.59	-38.36	-163.06	13.90
		689	13.27	-7.88	-223.58	-13.55	-217.91	34.51	-33.06	-169.54	-33.50	-169.10	7.73
518	71	688	11.77	-9.00	-217.88	-13.37	-213.52	29.87	-28.09	-87.13	-28.15	-87.06	1.96
		698	11.58	14.29	-203.53	9.53	-198.77	31.84	-29.24	-84.47	-31.61	-82.10	11.19
		699	12.59	14.22	-202.87	9.38	-198.03	32.04	-35.67	-157.69	-36.98	-156.39	12.54
		689	12.88	-7.71	-217.46	-12.53	-212.65	31.40	-31.73	-162.44	-32.06	-162.11	6.58
519	7	689	22.52	-14.43	-324.57	-32.71	-306.29	73.04	-97.85	-500.27	-99.59	-498.53	26.40
		699	23.14	40.98	-308.41	24.25	-291.68	74.61	-106.09	-509.06	-108.10	-507.05	28.40
		700	23.42	20.02	-305.34	2.31	-287.62	73.82	-122.92	-586.55	-124.26	-585.21	24.86
		690	23.22	-32.36	-327.48	-55.05	-304.79	78.62	-115.80	-577.57	-117.36	-576.01	26.78
519	39	689	15.23	-10.86	-233.56	-15.95	-228.46	33.29	-55.28	-282.37	-55.67	-281.97	9.47

		699	15.12	15.05	-219.16	9.74	-213.85	34.86	-62.37	-285.56	-63.06	-284.87	12.39
		700	15.61	0.22	-215.32	-5.31	-209.80	34.06	-76.82	-363.04	-77.23	-362.64	10.75
		690	16.01	-23.94	-234.41	-31.37	-226.97	38.86	-70.98	-359.53	-71.46	-359.05	11.74
519	71	689	14.68	-10.36	-226.80	-14.67	-222.49	30.24	-52.01	-265.79	-52.32	-265.47	8.18
		699	14.51	13.20	-212.46	8.63	-207.88	31.81	-59.03	-268.54	-59.62	-267.94	11.17
		700	15.02	-1.15	-208.57	-5.89	-203.83	31.01	-73.30	-346.02	-73.64	-345.68	9.67
		690	15.47	-23.08	-227.48	-29.56	-221.00	35.81	-67.55	-342.93	-67.96	-342.52	10.59
520	7	690	25.82	-41.30	-314.22	-52.93	-302.59	55.12	-166.90	-823.99	-167.20	-823.69	14.10
		700	26.61	10.67	-297.42	1.32	-288.07	52.86	-179.44	-863.57	-179.90	-863.12	17.67
		701	26.66	-18.67	-289.79	-27.76	-280.69	48.81	-188.16	-940.73	-188.22	-940.67	6.29
		691	26.27	-70.82	-314.00	-87.15	-297.67	60.87	-181.19	-908.47	-181.21	-908.45	3.83
520	39	690	17.33	-26.73	-229.63	-30.39	-225.97	27.02	-95.05	-476.00	-95.13	-475.93	5.22
		700	17.30	-3.29	-214.39	-6.24	-211.44	24.76	-103.67	-495.44	-103.81	-495.29	7.56
		701	17.57	-24.86	-206.46	-27.25	-204.07	20.71	-114.74	-573.39	-114.76	-573.37	2.78
		691	17.89	-50.35	-227.34	-56.64	-221.05	32.76	-111.76	-561.22	-111.77	-561.22	1.51
520	71	690	16.69	-25.48	-223.26	-28.66	-220.09	24.87	-89.58	-449.50	-89.63	-449.44	4.54
		700	16.59	-4.28	-208.10	-6.82	-205.56	22.61	-97.89	-467.39	-98.01	-467.27	6.79
		701	16.88	-25.23	-200.18	-27.22	-198.19	18.55	-109.15	-545.40	-109.16	-545.39	2.51
		691	17.25	-48.67	-220.79	-54.29	-215.17	30.61	-106.47	-534.77	-106.48	-534.77	1.33
521	15	475	8.33	91.74	-73.29	26.02	-7.57	80.79	96.72	-37.52	73.24	-14.04	-51.00
		487	11.86	134.73	-98.06	35.13	1.54	115.18	-48.05	-346.60	-48.96	-345.68	16.49
		702	14.19	78.33	-164.18	-17.97	-67.88	118.66	83.87	-280.99	5.55	-202.67	-149.80
		692	13.92	151.29	-92.74	43.97	14.57	121.12	248.29	-10.29	115.55	122.45	-129.25
521	43	475	5.24	75.87	-12.65	65.70	-2.49	28.22	42.74	-93.72	40.88	-91.86	-15.84
		487	9.19	113.66	-30.00	77.04	6.62	62.61	-13.45	-288.12	-20.81	-280.77	44.34
		702	8.00	12.67	-120.67	-45.20	-62.80	66.09	48.85	-170.45	18.62	-140.22	-75.60
		692	7.21	87.55	-49.56	18.34	19.66	68.55	120.25	13.16	90.95	42.45	-47.74
521	75	475	5.28	76.11	-9.63	68.58	-2.11	24.26	39.79	-99.01	38.53	-97.74	-13.20
		487	9.03	112.23	-25.68	79.55	7.00	58.64	-10.37	-283.59	-18.50	-275.46	46.43
		702	7.56	7.77	-117.41	-47.21	-62.42	62.13	46.61	-162.06	19.67	-135.13	-69.96
		692	6.73	82.85	-46.38	16.44	20.03	64.59	111.98	13.55	89.13	36.40	-41.56
522	15	692	17.49	156.31	-88.98	59.53	7.80	119.89	772.72	180.60	213.87	739.45	-136.36
		702	19.36	138.43	-137.67	-10.65	11.41	137.61	812.62	156.23	219.22	749.63	-193.34
		703	27.66	228.01	-148.60	84.17	-4.76	182.98	993.96	32.26	124.12	902.10	-282.68
		693	20.00	83.36	-125.78	-0.52	-41.89	102.50	1001.72	88.78	102.17	988.33	-109.75
522	47	692	9.00	91.99	-52.05	37.46	2.48	69.86	355.84	116.46	130.32	341.98	-55.91
		702	10.77	73.11	-108.38	-41.37	6.10	87.58	361.53	98.27	131.08	328.73	-86.95
		703	18.15	144.64	-124.33	30.38	-10.07	132.96	562.86	16.16	87.31	491.71	-183.95
		693	11.54	6.28	-98.70	-45.21	-47.21	52.48	603.92	66.91	69.47	601.36	-37.00
522	79	692	8.35	87.09	-49.22	35.78	2.08	66.04	324.08	111.60	123.98	311.70	-49.77
		702	10.17	68.32	-106.34	-43.71	5.69	83.76	327.28	93.76	124.38	296.66	-78.83
		703	17.44	138.33	-122.54	26.27	-10.47	129.13	530.26	14.72	84.55	460.44	-176.42
		693	10.93	0.54	-96.77	-48.62	-47.61	48.66	573.84	65.07	67.02	571.89	-31.44
523	7	693	19.64	75.83	-75.63	12.08	-11.88	74.77	1199.90	166.45	174.29	1192.06	-89.67
		703	32.82	178.50	-168.60	88.02	-78.11	152.38	1562.70	186.29	207.77	1541.22	-170.59
		704	25.84	80.66	-145.30	7.47	-72.11	105.74	1471.18	225.65	225.82	1471.01	14.54
		694	23.49	83.61	-126.09	12.88	-55.35	99.14	1307.41	215.74	219.72	1303.43	-65.84
523	39	693	10.10	0.32	-61.33	-40.94	-20.07	29.00	659.20	107.68	108.98	657.90	-26.73
		703	21.57	90.58	-150.56	26.32	-86.30	106.61	918.33	100.54	120.97	897.90	-127.63
		704	15.68	3.88	-123.02	-38.85	-80.29	59.97	819.88	99.53	99.70	819.70	11.16
		694	14.49	12.67	-100.92	-24.71	-63.54	53.37	763.49	113.20	115.40	761.29	-37.77
523	71	693	9.43	-4.61	-61.09	-45.00	-20.69	25.49	618.10	103.09	104.02	617.17	-21.93
		703	20.71	83.84	-149.17	21.59	-86.93	103.10	869.31	93.88	114.37	848.83	-124.36
		704	14.91	-2.00	-121.31	-42.39	-80.92	56.46	770.19	89.91	90.09	770.02	10.90
		694	13.81	7.23	-98.99	-27.59	-64.16	49.86	722.01	105.39	107.45	719.95	-35.63
524	7	694	16.59	62.77	-77.97	5.71	-20.91	69.10	1023.32	156.17	156.17	1023.32	-0.77
		704	21.38	118.39	-127.13	34.19	-42.93	116.54	1101.86	166.60	168.32	1100.13	-40.14
		705	18.99	79.42	-120.05	9.87	-50.50	95.06	1031.72	127.75	128.11	1031.36	18.01
		695	17.55	29.72	-119.01	-30.71	-58.59	73.05	993.95	129.18	129.18	993.95	1.28
524	39	694	10.76	-9.14	-72.81	-34.12	-47.82	31.09	612.39	78.08	78.11	612.36	4.06
		704	14.65	38.23	-126.91	-18.83	-69.85	78.53	669.09	84.42	85.93	667.59	-29.64
		705	13.07	22.37	-110.03	-10.25	-77.42	57.05	601.66	57.04	57.52	601.18	16.22
		695	12.30	-19.14	-104.00	-37.64	-85.50	35.03	585.36	62.89	62.91	585.34	-2.85
524	71	694	10.33	-14.64	-72.41	-37.17	-49.88	28.17	581.05	72.12	72.16	581.01	4.43
		704	14.14	32.09	-126.88	-22.89	-71.91	75.61	636.09	78.15	79.65	634.59	-28.84
		705	12.62	18.21	-109.47	-11.78	-79.48	54.13	568.86	51.64	52.14	568.36	16.08
		695	11.90	-22.35	-103.38	-38.17	-87.56	32.12	554.19	57.84	57.86	554.17	-3.16
525	6	695	14.84	-21.02	-227.18	-59.21	-189.00	-80.09	-74.98	-329.35	-76.73	-327.61	-20.98
		705	13.98	-62.56	-210.58	-80.85	-192.28	-48.72	-84.74	-364.90	-85.07	-364.57	-9.70
		706	16.56	1.82	-220.05	-23.64	-194.59	-70.71	-79.91	-434.65	-80.89	-433.67	-18.66
		696	17.63	23.55	-236.78	-2.45	-210.77	-78.06	-67.11	-396.80	-70.84	-393.07	-34.86
525	39	695	9.86	-14.64	-88.66	-33.55	-69.76	32.28	463.10	37.72	37.86	462.96	7.88
		705	11.66	31.55	-111.77	-7.18	-73.04	63.64	485.16	40.82	41.29	484.69	14.43
		706	10.26	21.42	-93.28	3.49	-75.35	41.66	414.70	32.47	33.87	413.30	23.09
		696	10.12	-9.75	-105.92	-24.14	-91.53	34.30	395.62	31.75	32.16	395.21	12.27
525	71	695	9.65	-18.55	-88.69	-34.24	-72.99	29.23	441.66	34.64	34.76	441.54	7.10
		705	11.37	26.53	-111.99	-9.18	-76.27	60.60	462.13	37.42	37.87	461.68	13.78

		706	10.02	18.16	-93.99	2.75	-78.58	38.61	391.69	29.42	30.76	390.35	21.96
		696	9.94	-11.78	-106.54	-23.55	-94.77	31.26	374.21	29.02	29.38	373.86	10.99
526	6	696	15.85	24.82	-253.37	-2.53	-226.01	-82.83	-17.28	-179.04	-26.55	-169.78	-37.59
		706	14.32	-8.12	-237.04	-33.93	-211.23	-72.40	-24.56	-193.66	-30.74	-187.48	-31.73
		707	15.95	11.64	-240.17	-16.80	-211.73	-79.70	-38.00	-270.45	-44.51	-263.95	-38.33
		697	17.58	44.21	-257.63	19.02	-232.45	-83.47	-33.23	-254.56	-41.93	-245.87	-43.00
526	38	696	9.51	5.61e-04	-185.82	-9.71	-176.11	-41.36	9.15	-29.68	-13.33	-7.20	-19.17
		706	8.29	-14.45	-167.83	-20.96	-161.32	-30.92	-5.44	-26.25	-15.74	-15.94	-10.41
		707	9.81	0.53	-170.82	-8.47	-161.82	-38.22	-20.86	-94.09	-23.70	-91.24	-14.15
		697	11.19	16.12	-191.42	7.24	-182.54	-42.00	-15.80	-89.23	-22.92	-82.12	-21.72
526	70	696	9.03	-1.72	-180.82	-10.26	-172.28	-38.17	16.24	-23.38	-12.33	5.19	-17.76
		706	7.84	-14.58	-162.88	-19.96	-157.50	-27.74	1.82	-19.30	-14.61	-2.87	-8.78
		707	9.35	-0.05	-165.77	-7.83	-157.99	-35.04	-19.53	-80.66	-22.12	-78.08	-12.31
		697	10.71	14.15	-186.52	6.34	-178.71	-38.81	-14.18	-76.92	-21.47	-69.64	-20.10
527	6	697	15.59	43.24	-271.81	19.00	-247.57	-83.97	42.30	-48.24	6.30	-12.24	-44.31
		707	13.62	3.10	-254.84	-24.34	-227.41	-79.52	40.53	-45.16	7.57	-12.20	-41.69
		708	14.71	9.20	-256.10	-18.60	-228.30	-81.25	6.06	-109.84	-13.65	-90.13	-43.54
		698	16.64	50.12	-272.49	26.37	-248.73	-84.25	3.41	-110.44	-17.13	-89.90	-43.78
527	38	697	10.60	15.64	-199.15	6.95	-190.47	-42.30	41.16	-12.11	0.01	29.03	-22.34
		707	9.10	-4.01	-178.93	-12.63	-170.31	-37.86	35.71	-6.05	1.12	28.54	-15.75
		708	9.80	0.42	-180.33	-8.71	-171.20	-39.59	-3.95	-55.11	-11.18	-47.89	-17.81
		698	11.33	21.03	-200.16	12.51	-191.64	-42.59	-3.46	-58.23	-14.57	-47.11	-22.02
527	70	697	10.35	13.69	-193.74	6.03	-186.09	-39.11	42.18	-10.48	-0.47	32.17	-20.66
		707	8.89	-4.29	-173.36	-11.73	-165.93	-34.66	36.86	-4.61	0.63	31.62	-13.77
		708	9.44	-0.01	-174.76	-7.95	-166.82	-36.39	-4.71	-50.97	-10.99	-44.69	-15.85
		698	10.94	18.97	-194.78	11.44	-187.26	-39.39	-3.98	-54.27	-14.38	-43.87	-20.37
528	6	698	17.27	48.98	-288.23	26.53	-265.78	-84.06	173.95	19.39	32.68	160.66	-43.34
		708	15.28	0.61	-271.92	-25.86	-245.44	-80.71	186.46	28.83	39.43	175.86	-39.47
		709	14.48	2.68	-273.83	-24.42	-246.72	-82.22	114.80	8.50	24.02	99.28	-37.54
		699	16.36	49.51	-287.43	27.06	-264.97	-84.03	100.54	-1.75	14.91	83.88	-37.77
528	33	698	11.17	18.71	-204.05	11.41	-196.76	-39.65	48.07	-3.00	2.57	42.50	-15.92
		708	9.64	-3.95	-184.06	-11.59	-176.42	-36.30	48.78	4.89	7.08	46.60	-9.55
		709	9.70	-3.55	-185.91	-11.76	-177.70	-37.81	0.88	-33.14	-3.27	-28.99	-11.13
		699	11.15	17.72	-203.30	10.37	-195.95	-39.62	-3.67	-39.76	-10.15	-33.28	-13.85
528	65	698	10.81	16.86	-198.55	10.41	-192.10	-36.70	43.42	-3.86	1.32	38.23	-14.78
		708	9.32	-3.99	-178.40	-10.62	-171.76	-33.36	43.68	3.94	5.75	41.87	-8.29
		709	9.45	-3.72	-180.22	-10.90	-173.05	-34.86	-1.26	-36.76	-4.35	-33.67	-10.01
		699	10.86	15.75	-197.79	9.25	-191.30	-36.67	-5.91	-42.73	-11.14	-37.50	-12.86
529	6	699	20.40	47.03	-303.25	26.83	-283.05	-81.65	344.93	61.81	66.09	340.65	-34.54
		709	18.51	-6.15	-289.12	-30.33	-264.94	-79.10	361.67	73.99	76.53	359.13	-26.94
		710	17.35	-23.49	-294.50	-52.91	-265.08	-84.31	288.14	67.71	70.25	285.60	-23.55
		700	18.67	25.33	-300.60	3.88	-279.14	-80.83	268.15	57.27	60.76	264.66	-26.89
529	38	699	12.78	18.53	-217.20	10.97	-209.64	-41.52	121.26	16.75	19.79	118.22	-17.56
		709	11.35	-6.88	-199.75	-15.10	-191.53	-38.98	127.76	26.78	28.17	126.38	-11.74
		710	10.22	-18.92	-202.96	-30.22	-191.67	-44.18	55.75	14.55	18.18	52.11	-11.69
		700	11.18	3.38	-213.65	-4.54	-205.73	-40.70	46.42	5.82	10.76	41.49	-13.26
529	70	699	12.19	16.46	-210.71	9.76	-204.01	-38.44	104.28	13.25	16.26	101.27	-16.26
		709	10.81	-6.74	-193.09	-13.94	-185.89	-35.90	109.96	23.17	24.48	108.65	-10.58
		710	9.68	-18.40	-196.11	-28.48	-186.03	-41.10	39.01	9.53	14.22	34.32	-10.78
		700	10.61	1.82	-207.11	-5.19	-200.10	-37.62	30.76	0.67	6.94	24.49	-12.23
530	6	700	21.80	15.01	-290.83	3.18	-279.00	-58.99	541.49	114.99	115.89	540.59	-19.55
		710	20.49	-35.38	-278.59	-51.25	-262.72	-60.06	581.01	127.57	128.80	579.78	-23.60
		711	19.13	-58.17	-282.59	-80.33	-260.44	-66.94	495.23	99.10	99.47	494.86	-12.05
		701	19.88	-13.07	-284.44	-25.75	-271.77	-57.26	459.91	91.74	91.87	459.79	-6.80
530	51	700	11.35	-15.98	-116.00	-16.24	-115.74	5.11	-92.42	-432.41	-92.51	-432.32	5.59
		710	10.95	-2.19	-99.63	-2.36	-99.46	4.04	-88.95	-441.12	-89.17	-440.91	8.69
		711	11.75	-13.16	-97.27	-13.26	-97.18	-2.84	-104.05	-522.99	-104.09	-522.95	4.34
		701	11.92	-26.40	-109.08	-26.97	-108.51	6.84	-102.13	-510.26	-102.14	-510.25	2.41
530	83	700	11.14	-15.79	-118.05	-15.97	-117.87	4.25	-87.57	-409.58	-87.65	-409.50	5.02
		710	10.71	-2.89	-101.69	-3.00	-101.59	3.18	-83.90	-417.23	-84.09	-417.04	7.96
		711	11.51	-13.98	-99.47	-14.14	-99.31	-3.70	-99.29	-499.18	-99.33	-499.14	3.97
		701	11.71	-26.52	-111.07	-26.94	-110.64	5.98	-97.58	-487.50	-97.59	-487.49	2.19
531	11	487	12.67	168.77	-60.47	-43.64	151.94	59.79	-114.07	-408.27	-178.60	-343.74	121.74
		13	43.35	-2.33	-478.31	-64.72	-415.93	160.63	-358.60	-1495.41	-394.44	-1459.56	198.66
		483	23.58	-33.07	-219.07	-55.21	-196.93	60.23	-193.40	-1125.74	-236.05	-1083.08	-194.80
		702	21.71	179.24	-212.42	-19.90	-13.28	195.80	40.67	-358.90	-60.28	-257.95	-173.62
531	35	487	8.72	131.69	34.47	39.42	126.74	21.37	-15.09	-260.97	-48.78	-227.28	84.55
		13	37.38	35.74	-472.44	4.42	-441.12	122.21	-155.72	-941.04	-176.89	-919.88	127.17
		483	17.49	-74.71	-225.35	-77.93	-222.12	21.81	-62.05	-589.20	-93.58	-557.66	-125.02
		702	15.61	123.00	-191.87	-30.40	-38.48	157.39	25.82	-186.22	-2.78	-157.63	-72.42
531	67	487	8.61	130.31	37.78	42.05	126.04	19.41	-13.17	-255.50	-45.63	-223.03	82.55
		13	36.95	36.84	-472.04	6.63	-441.83	120.25	-146.10	-906.36	-167.26	-885.20	125.06
		483	17.03	-76.97	-225.53	-79.67	-222.83	19.85	-55.24	-552.61	-84.74	-523.12	-117.47
		702	15.24	120.02	-190.92	-31.72	-39.18	155.42	23.51	-177.14	-0.04	-153.60	-64.57
532	14	702	22.21	50.06	-138.56	-13.38	-75.12	89.11	-69.37	-1079.35	-101.91	-1046.81	178.35
		483	37.91	-132.49	-386.37	-134.64	-384.21	23.30	-87.34	-1480.87	-176.30	-1391.90	340.67
		490	32.82	-39.07	-119.85	-68.96	-89.95	39.00	-332.18	-2184.31	-435.35	-2081.14	-424.79

532	46	703	14.93	-209.56	-280.21	-212.02	-277.74	-12.96	20.02	-281.26	-96.05	-165.19	146.62
		702	14.76	109.63	-117.82	4.55	-12.74	113.40	-46.74	-636.42	-50.06	-633.10	44.08
		483	25.79	-94.27	-331.78	-104.22	-321.84	47.58	14.33	-750.82	-63.67	-672.81	231.52
532	78	490	24.06	53.68	-76.87	4.39	-27.58	63.29	-115.97	-1507.15	-271.07	-1352.06	-437.85
		703	12.82	-149.17	-217.30	-151.11	-215.36	11.32	299.06	-31.93	8.59	258.54	108.49
		702	14.25	114.43	-116.49	5.92	-7.98	115.25	-44.06	-603.64	-46.11	-601.58	33.84
532	78	483	24.88	-91.08	-327.89	-101.90	-317.07	49.44	22.67	-695.78	-55.10	-618.02	223.21
		490	23.76	60.76	-73.59	9.99	-22.81	65.14	-97.87	-1457.15	-258.53	-1296.49	-438.82
		703	13.00	-143.85	-213.20	-146.45	-210.60	13.18	326.78	-19.36	16.58	290.84	105.59
533	7	703	19.42	130.04	30.96	37.81	123.19	-25.13	1046.33	252.84	265.00	1034.16	97.50
		490	47.40	240.94	-174.85	181.86	-115.77	145.17	2280.37	250.10	400.61	2129.86	-531.90
		489	19.61	33.98	-75.01	-15.37	-25.66	-54.25	1199.06	4.96	5.62	1198.40	27.99
533	39	704	27.99	138.13	-64.60	-2.55	76.08	93.43	1677.34	153.84	167.30	1663.88	-142.57
		703	7.58	51.97	-42.10	-30.17	40.04	-31.30	404.72	89.88	115.96	378.64	86.78
		490	42.18	148.68	-254.49	93.10	-198.91	138.99	1750.72	103.73	272.24	1582.20	-499.14
533	71	489	16.19	-22.62	-151.17	-64.99	-108.81	-60.42	679.57	-46.97	-35.25	667.85	91.54
		704	17.97	68.96	-107.22	-31.19	-7.07	87.26	1041.04	88.88	104.62	1025.29	-121.42
		703	6.74	46.09	-47.77	-35.37	33.69	-31.78	357.79	75.40	104.57	328.62	85.95
533	71	490	41.79	141.62	-260.58	86.31	-205.27	138.52	1710.71	92.11	262.43	1540.39	-496.65
		489	15.98	-26.80	-157.14	-68.78	-115.16	-60.90	641.03	-52.04	-38.36	627.35	96.40
		704	17.58	63.96	-110.75	-33.38	-13.42	86.78	992.66	83.77	99.85	976.58	-119.82
534	14	704	19.56	-118.31	-279.62	-120.35	-277.58	18.03	-40.59	-534.07	-46.92	-527.75	55.52
		489	25.76	-196.83	-424.83	-219.74	-401.92	68.54	-47.34	-565.73	-49.19	-563.88	30.89
		485	25.43	35.93	-294.81	34.31	-293.19	-23.15	-96.17	-704.59	-96.27	-704.49	7.77
534	51	705	25.04	-28.91	-348.57	-33.80	-343.68	39.22	-57.94	-582.38	-59.10	-581.22	24.69
		704	9.13	-8.44	-52.09	-31.33	-29.20	21.80	541.11	8.21	8.58	540.74	-14.08
		489	17.23	-40.67	-199.87	-87.00	-153.54	72.32	668.91	37.95	38.68	668.18	-21.51
534	83	485	12.04	66.46	-48.18	63.09	-44.80	-19.37	535.62	28.29	28.72	535.19	14.80
		705	11.60	-21.78	-120.44	-46.93	-95.30	43.00	495.02	33.05	33.16	494.90	7.38
		704	8.93	-10.75	-54.75	-32.87	-32.63	22.00	517.63	6.86	7.17	517.32	-12.68
534	83	489	17.00	-43.02	-203.11	-89.16	-156.97	72.51	641.88	35.88	36.56	641.19	-20.35
		485	11.83	65.87	-51.45	62.64	-48.23	-19.18	508.56	25.60	26.06	508.10	14.88
		705	11.44	-22.42	-123.17	-46.87	-98.72	43.19	471.50	31.08	31.21	471.37	7.57
535	14	705	22.47	-13.68	-355.70	-13.84	-355.54	-7.40	-21.27	-344.78	-21.28	-344.77	-1.82
		485	21.89	-31.98	-337.12	-33.82	-335.28	-23.62	-32.94	-401.47	-33.08	-401.33	-7.03
		491	22.90	-4.09	-321.59	-6.83	-318.85	-29.37	-53.77	-487.88	-55.42	-486.23	-26.69
535	46	706	24.01	10.30	-354.29	8.58	-352.56	-25.02	-43.22	-424.12	-44.04	-423.30	-17.68
		705	12.01	-14.90	-232.93	-15.17	-232.66	7.70	-9.47	-52.45	-10.03	-51.89	4.89
		485	11.22	-19.15	-212.78	-19.52	-212.40	-8.52	-14.83	-75.82	-15.20	-75.44	4.76
535	78	491	12.05	1.00	-197.00	-0.04	-195.97	-14.27	-26.06	-158.23	-26.23	-158.06	-4.70
		706	13.27	-4.04e-03	-230.11	-0.43	-229.68	-9.92	-21.45	-128.14	-21.47	-128.12	-1.26
		705	11.22	-14.89	-223.63	-15.27	-223.26	8.85	-7.84	-30.92	-9.18	-29.58	5.39
535	78	485	10.40	-18.14	-203.29	-18.43	-203.00	-7.36	-12.99	-51.47	-13.84	-50.62	5.66
		491	11.23	1.40	-187.48	0.48	-186.56	-13.12	-23.92	-133.14	-24.01	-133.06	-3.03
		706	12.45	-0.77	-220.63	-1.12	-220.28	-8.77	-19.75	-105.64	-19.75	-105.64	-0.01
536	14	706	22.91	7.44	-394.81	5.34	-392.71	-28.97	8.61	-196.44	3.22	-191.05	-32.83
		491	21.12	-21.32	-364.80	-24.22	-361.90	-31.44	13.82	-223.23	4.27	-213.68	-46.62
		472	22.40	-9.24	-364.80	-12.10	-361.94	-31.71	-24.19	-307.85	-35.22	-296.82	-54.85
536	46	707	24.26	24.98	-393.55	22.00	-390.57	-35.21	-28.26	-279.73	-35.17	-272.82	-41.09
		706	12.79	0.18	-250.01	-0.41	-249.43	-12.09	4.30	-21.03	0.68	-17.41	-8.87
		491	11.21	-10.57	-219.63	-11.59	-218.61	-14.56	7.39	-33.61	2.07	-28.29	-13.77
536	78	472	12.43	-4.21	-219.68	-5.23	-218.66	-14.82	-13.16	-111.39	-16.69	-107.86	-18.30
		707	14.04	11.20	-248.58	9.90	-247.28	-18.33	-16.69	-97.90	-18.98	-95.61	-13.44
		706	12.02	-0.36	-238.95	-0.85	-238.46	-10.80	5.57	-9.27	0.48	-4.19	-7.05
536	78	491	10.45	-9.73	-208.53	-10.62	-207.64	-13.26	7.71	-19.98	1.91	-14.17	-11.27
		472	11.67	-3.81	-208.58	-4.71	-207.69	-13.53	-12.32	-96.43	-15.28	-93.47	-15.51
		707	13.26	10.15	-237.49	8.97	-236.31	-17.04	-15.81	-84.06	-17.75	-82.12	-11.33
537	6	707	23.33	20.00	-446.59	16.43	-443.01	-40.71	47.40	-42.44	15.79	-10.84	-42.90
		472	21.00	-23.00	-418.49	-26.57	-414.92	-37.37	64.22	-57.52	20.04	-13.35	-58.54
		477	22.36	-11.85	-421.05	-15.23	-417.67	-37.05	14.89	-130.23	-18.40	-96.94	-61.02
537	38	708	24.58	32.70	-446.99	29.00	-443.29	-41.95	-3.27	-116.76	-26.72	-93.31	-45.95
		707	14.32	8.74	-275.01	7.20	-273.47	-20.82	35.78	-1.46	5.29	29.03	-14.35
		472	12.34	-11.39	-246.69	-12.69	-245.38	-17.48	40.10	-3.54	9.58	26.99	-20.01
537	70	477	13.13	-5.89	-249.35	-7.11	-248.13	-17.16	0.70	-62.23	-8.67	-52.86	-22.41
		708	14.85	15.71	-275.44	14.03	-273.75	-22.06	-9.56	-57.18	-17.05	-49.70	-17.33
		707	13.70	7.88	-261.85	6.49	-260.46	-19.30	36.66	-0.12	4.49	32.05	-12.18
537	70	472	11.77	-10.48	-233.53	-11.63	-232.38	-15.96	39.52	-0.70	8.78	30.05	-17.07
		477	12.42	-5.42	-236.19	-6.48	-235.12	-15.64	-0.24	-57.20	-7.93	-49.51	-19.46
		708	14.11	14.41	-262.28	12.88	-260.75	-20.54	-10.00	-52.69	-16.31	-46.39	-15.15
538	6	708	27.87	24.87	-499.43	21.77	-496.33	-40.20	183.43	14.31	25.41	172.34	-41.87
		477	25.49	-27.07	-473.51	-29.91	-470.66	-35.50	210.06	20.08	38.24	191.89	-55.87
		479	24.82	-18.23	-476.03	-20.96	-473.30	-35.29	130.21	-19.77	2.26	108.18	-53.09
538	38	709	27.30	32.63	-501.51	29.41	-498.29	-41.34	102.85	-31.07	-18.26	90.04	-39.39
		708	16.42	11.81	-301.54	10.39	-300.11	-21.09	79.76	4.52	7.82	76.47	-15.39
		477	14.54	-13.29	-275.47	-14.32	-274.44	-16.39	89.83	12.77	18.30	84.30	-19.90
538	38	479	13.70	-8.87	-278.05	-9.85	-277.08	-16.18	23.67	-18.18	1.10	4.38	-20.86
		709	15.63	15.12	-303.63	13.56	-302.07	-22.23	8.87	-27.41	-16.51	-2.03	-16.63

538	70	708	15.54	10.82	-286.36	9.51	-285.06	-19.63	71.90	3.74	6.48	69.17	-13.37
		477	13.71	-12.22	-260.29	-13.12	-259.39	-14.93	80.70	12.18	16.78	76.10	-17.15
		479	13.06	-8.14	-262.87	-8.99	-262.02	-14.71	17.29	-19.79	1.02	-3.52	-18.40
		709	14.84	13.78	-288.45	12.34	-287.02	-20.76	2.63	-28.05	-16.38	-9.04	-14.90
539	6	709	33.23	25.73	-554.01	22.59	-550.88	-42.50	352.15	31.71	34.35	349.51	-28.96
		479	31.09	-32.43	-527.32	-35.09	-524.66	-36.17	407.21	57.23	61.73	402.72	-39.41
		481	30.65	-25.33	-534.45	-28.20	-531.59	-38.12	325.48	23.61	26.71	322.38	-30.43
		710	32.63	29.23	-556.54	25.33	-552.64	-47.66	269.67	-10.99	-10.48	269.17	-11.94
539	38	709	18.50	11.54	-329.92	10.02	-328.40	-22.72	122.52	7.35	8.59	121.28	-11.87
		479	16.71	-15.45	-303.13	-16.39	-302.19	-16.39	145.98	28.23	29.92	144.29	-14.02
		481	16.10	-12.51	-310.24	-13.64	-309.11	-18.34	70.90	8.09	11.69	67.31	-14.60
		710	17.69	10.85	-332.44	8.57	-330.16	-27.88	44.96	-20.13	-19.47	44.29	-6.53
539	70	709	17.37	10.45	-312.73	9.05	-311.33	-21.20	105.03	5.49	6.62	103.89	-10.57
		479	15.61	-14.14	-285.93	-14.96	-285.12	-14.88	126.07	26.01	27.49	124.59	-12.08
		481	14.98	-11.52	-293.05	-12.52	-292.04	-16.82	52.17	6.24	10.54	47.87	-13.39
		710	16.54	9.44	-315.25	7.28	-313.09	-26.36	27.94	-20.94	-20.16	27.16	-6.12
540	6	710	39.83	31.53	-622.44	22.75	-613.67	-75.25	564.98	43.86	44.67	564.18	-20.47
		481	36.47	-34.47	-588.82	-39.94	-583.35	-54.80	564.66	86.53	87.76	563.43	24.21
		12	35.96	-143.77	-637.07	-158.48	-622.36	-83.90	528.12	119.56	119.57	528.10	2.27
		711	34.96	-71.95	-599.52	-81.79	-589.69	-71.36	493.02	95.09	95.25	492.85	-8.19
540	38	710	21.31	10.05	-368.11	4.88	-362.94	-43.91	186.72	4.17	5.00	185.89	-12.26
		481	18.81	-12.94	-334.35	-14.66	-332.63	-23.46	181.45	45.83	47.09	180.18	13.03
		12	19.16	-76.50	-381.00	-85.87	-371.64	-52.56	138.45	40.33	41.42	137.36	-10.30
		711	17.63	-46.73	-344.45	-52.21	-338.97	-40.02	107.11	18.06	18.10	107.07	-1.90
540	70	710	19.89	8.41	-348.60	3.51	-343.70	-41.51	157.94	1.11	1.98	157.07	-11.64
		481	17.45	-11.25	-314.85	-12.72	-313.39	-21.05	152.35	42.62	43.99	150.98	12.19
		12	17.88	-71.34	-361.35	-80.29	-352.40	-50.16	109.30	33.75	35.47	107.58	-11.26
		711	16.30	-44.80	-324.87	-49.95	-319.73	-37.61	77.70	12.19	12.22	77.67	-1.42
541	14	471	44.42	147.12	8.18	15.92	139.39	31.86	-422.32	-2685.13	-775.07	-2332.38	-820.83
		682	19.21	-21.06	-361.89	-208.14	-174.82	-169.60	-116.23	-382.03	-121.45	-376.82	36.85
		31	86.46	423.43	-27.02	-5.13	401.54	96.85	-466.98	-4562.74	-980.39	-4049.33	-1356.18
541	46	471	30.80	133.54	21.26	22.18	132.61	10.14	-180.64	-1759.88	-408.40	-1532.13	-554.81
		682	28.50	-0.14	-383.32	-201.87	-181.59	-191.32	650.05	18.62	245.23	423.44	302.88
		31	73.17	408.62	-12.71	1.14	394.77	75.13	-221.22	-3641.58	-613.72	-3249.08	-1090.15
541	78	471	29.78	132.75	22.01	22.66	132.09	8.49	-162.22	-1689.46	-380.50	-1471.17	-534.53
		682	29.45	1.46	-384.96	-201.39	-182.11	-192.97	718.74	38.78	273.12	484.40	323.15
		31	72.16	407.55	-11.69	1.61	394.25	73.48	-202.45	-3571.50	-585.83	-3188.12	-1069.88
542	7	66	28.67	348.07	33.93	340.72	41.27	47.47	-350.05	-1155.14	-763.86	-741.33	-402.39
		714	25.23	396.10	-67.15	377.98	-49.03	89.80	691.74	-267.29	-17.72	442.17	420.78
		713	10.67	167.15	-17.41	144.35	5.39	60.73	-127.41	-265.28	-154.80	-237.89	-55.01
		712	14.48	165.01	-40.31	135.28	-10.59	72.25	693.32	129.75	199.32	623.76	185.38
542	39	66	21.40	157.58	33.46	156.13	34.91	13.31	-342.90	-1268.30	-706.79	-904.42	-452.03
		714	15.95	189.44	-68.04	176.79	-55.40	55.64	641.43	-122.17	69.77	449.49	331.25
		713	6.96	80.55	-9.63	71.90	-0.98	26.57	-150.04	-299.80	-193.14	-256.70	-67.80
		712	10.67	92.66	-30.19	79.43	-16.95	38.09	549.39	15.70	128.17	436.91	217.66
542	71	66	20.99	143.02	33.37	141.97	34.42	10.69	-341.43	-1277.82	-702.48	-916.78	-455.77
		714	15.29	173.60	-68.13	161.35	-55.88	53.02	637.62	-111.15	76.42	450.05	324.44
		713	6.69	73.94	-9.07	66.34	-1.46	23.95	-151.62	-302.54	-196.04	-258.12	-68.78
		712	10.39	87.17	-29.47	75.14	-17.44	35.47	539.09	6.41	122.77	422.73	220.09
543	7	712	13.26	191.98	-48.12	150.96	-7.10	90.37	159.46	-65.37	-61.10	155.18	-30.71
		713	13.04	163.30	-114.50	119.58	-70.79	101.16	151.50	-7.62	34.33	109.55	70.11
		716	9.00	91.40	-84.32	42.23	-35.15	78.88	120.61	-61.79	-61.67	120.50	-4.55
		715	8.72	66.74	-106.21	-4.21	-35.25	85.07	107.40	-15.97	-9.11	100.54	-28.27
543	36	712	8.47	106.95	-25.33	83.54	-1.91	50.49	75.92	-128.73	-123.80	70.99	-31.39
		713	8.41	75.48	-92.22	48.85	-65.60	61.29	70.76	-81.92	-29.71	18.56	72.43
		716	5.52	52.79	-48.35	34.40	-29.97	39.01	40.52	-71.14	-70.85	40.23	-5.68
		715	5.04	27.19	-65.74	-8.49	-30.07	45.19	42.61	-32.15	-16.63	27.09	-30.32
543	68	712	8.14	101.34	-23.34	79.03	-1.03	47.78	73.55	-131.02	-125.92	68.45	-31.89
		713	8.07	69.65	-90.26	44.11	-64.72	58.58	67.68	-83.20	-31.79	16.26	71.51
		716	5.32	50.45	-45.65	33.88	-29.08	36.30	38.72	-71.31	-70.92	38.33	-6.51
		715	4.81	24.72	-62.67	-8.77	-29.18	42.49	41.22	-33.01	-16.74	24.95	-30.71
544	4	715	7.47	15.86	-107.66	3.06	-94.87	37.64	75.38	-57.23	-39.04	57.19	-45.62
		716	7.64	25.62	-117.98	14.64	-107.01	38.15	30.43	-56.24	-51.52	25.71	-19.66
		718	7.31	27.26	-111.42	18.03	-102.19	34.57	45.41	-37.34	-19.07	27.14	-34.32
		717	6.78	4.98	-108.63	-5.00	-98.65	32.16	70.83	-40.84	-5.00	34.99	-52.13
544	36	715	4.78	14.45	-61.25	6.43	-53.23	23.29	51.11	-53.85	-40.09	37.35	-35.42
		716	4.83	17.10	-72.24	10.23	-65.36	23.81	14.83	-50.51	-48.38	12.70	-11.61
		718	4.48	17.87	-65.76	12.65	-60.54	20.23	24.28	-34.53	-23.22	12.96	-23.18
		717	4.00	2.74	-62.32	-2.57	-57.01	17.82	42.45	-38.99	-10.50	13.96	-38.84
544	68	715	4.57	14.34	-57.69	6.69	-50.04	22.20	49.23	-53.58	-40.16	35.81	-34.63
		716	4.62	16.45	-68.73	9.89	-62.17	22.71	13.64	-50.10	-48.15	11.69	-10.98
		718	4.26	17.15	-62.26	12.24	-57.35	19.13	22.65	-34.32	-23.54	11.86	-22.32
		717	3.78	2.57	-58.78	-2.38	-53.82	16.72	40.26	-38.85	-10.93	12.33	-37.81
545	4	717	7.74	-2.70	-143.48	-8.11	-138.06	27.08	42.85	-52.62	-13.76	4.00	-46.90
		718	8.27	12.08	-147.77	6.36	-142.05	29.69	28.53	-50.13	-23.01	1.40	-37.39
		720	7.97	10.71	-146.80	5.71	-141.81	27.60	27.83	-48.28	-12.72	-7.73	-37.98
		719	7.49	-4.71	-145.37	-9.06	-141.02	24.36	35.63	-50.16	-6.31	-8.22	-42.89

545	36	717	4.49	0.45	-79.89	-2.56	-76.87	15.28	27.77	-42.99	-15.47	0.24	-34.50
		718	4.89	8.90	-84.43	5.34	-80.86	17.89	14.35	-40.37	-24.53	-1.49	-24.82
		720	4.56	6.89	-83.47	4.04	-80.62	15.79	12.95	-37.54	-13.95	-10.64	-25.19
		719	4.21	-2.01	-81.85	-4.03	-79.83	12.55	20.50	-40.19	-7.71	-11.98	-30.27
545	68	717	4.24	0.70	-75.02	-2.14	-72.18	14.38	26.63	-42.23	-15.59	-0.01	-33.54
		718	4.63	8.66	-79.58	5.26	-76.18	16.99	13.29	-39.63	-24.65	-1.69	-23.84
		720	4.30	6.60	-78.62	3.91	-75.93	14.89	11.81	-36.69	-14.04	-10.84	-24.20
		719	3.96	-1.80	-76.99	-3.65	-75.14	11.65	19.35	-39.40	-7.81	-12.24	-29.29
546	8	719	8.94	-8.26	-177.86	-13.37	-172.76	28.98	19.14	-70.81	-12.63	-39.04	-43.00
		720	9.24	4.46	-179.51	-1.34	-173.71	32.15	11.26	-66.45	-18.70	-36.49	-37.83
		722	9.49	6.07	-180.10	0.64	-174.66	31.34	8.36	-69.28	-15.45	-45.48	-35.80
		721	9.26	-6.15	-179.81	-10.82	-175.14	28.09	12.70	-72.75	-11.48	-48.58	-38.49
546	40	719	5.01	-3.69	-98.38	-6.06	-96.02	14.78	12.52	-49.78	-10.80	-26.45	-30.15
		720	5.18	3.52	-100.18	0.32	-96.97	17.96	4.73	-46.15	-16.98	-24.44	-25.17
		722	5.39	3.46	-100.82	0.56	-97.92	17.14	2.39	-48.77	-12.81	-33.57	-23.38
		721	5.31	-3.02	-100.42	-5.05	-98.40	13.90	6.96	-51.67	-8.59	-36.12	-25.88
546	72	719	4.71	-3.33	-92.30	-5.49	-90.14	13.70	12.01	-48.14	-10.66	-25.47	-29.15
		720	4.87	3.45	-94.10	0.44	-91.09	16.87	4.24	-44.59	-16.85	-23.50	-24.18
		722	5.08	3.26	-94.75	0.56	-92.04	16.06	1.92	-47.17	-12.62	-32.63	-22.41
		721	5.01	-2.78	-94.34	-4.60	-92.52	12.81	6.51	-50.04	-8.38	-35.15	-24.91
547	8	721	11.03	-10.18	-210.37	-17.48	-203.08	37.51	3.34	-93.45	-13.96	-76.15	-37.08
		722	11.24	3.13	-210.82	-4.96	-202.73	40.81	-0.29	-86.63	-17.57	-69.35	-34.54
		724	11.49	3.72	-211.98	-4.43	-203.83	41.13	-3.45	-90.49	-15.45	-78.48	-30.01
		723	11.37	-8.70	-212.71	-16.03	-205.38	37.98	-1.49	-97.41	-12.96	-85.94	-31.12
547	40	721	6.19	-5.21	-115.90	-8.35	-112.75	18.38	2.40	-61.63	-9.91	-49.32	-25.23
		722	6.27	1.80	-116.52	-2.32	-112.40	21.67	-1.97	-57.05	-14.02	-45.01	-22.77
		724	6.49	1.50	-117.72	-2.70	-113.51	22.00	-4.56	-61.77	-12.14	-54.19	-19.39
		723	6.49	-4.62	-118.27	-7.83	-115.05	18.84	-1.87	-66.44	-9.15	-59.15	-20.43
547	72	721	5.81	-4.82	-108.67	-7.66	-105.83	16.92	2.33	-59.16	-9.60	-47.23	-24.31
		722	5.89	1.70	-109.30	-2.11	-105.48	20.21	-2.10	-54.76	-13.74	-43.11	-21.86
		724	6.11	1.34	-110.50	-2.57	-106.59	20.54	-4.65	-59.54	-11.88	-52.30	-18.57
		723	6.11	-4.29	-111.04	-7.20	-108.13	17.38	-1.89	-64.03	-8.86	-57.06	-19.60
548	3	723	13.36	-10.12	-221.28	-20.18	-211.23	44.98	-25.00	-220.93	-33.58	-212.35	-40.10
		724	13.40	4.26	-221.05	-6.82	-209.97	48.72	-24.73	-205.46	-34.46	-195.73	-40.77
		726	13.31	-8.98	-222.15	-21.13	-209.99	49.44	-34.22	-212.45	-39.87	-206.80	-31.21
		725	13.50	-22.07	-225.81	-33.93	-213.95	47.69	-36.03	-229.61	-40.55	-225.08	-29.25
548	35	723	7.48	-5.55	-123.35	-9.85	-119.04	22.10	-13.05	-124.20	-18.79	-118.46	-24.60
		724	7.46	1.54	-123.38	-4.06	-117.79	25.84	-14.86	-115.56	-21.15	-109.27	-24.36
		726	7.48	-5.80	-124.10	-12.10	-117.80	26.56	-20.53	-123.15	-23.88	-119.81	-18.23
		725	7.71	-11.73	-127.37	-17.33	-121.77	24.81	-20.40	-133.34	-23.08	-130.66	-17.19
548	67	723	7.03	-5.18	-115.83	-9.05	-111.96	20.34	-12.14	-116.88	-17.67	-111.35	-23.43
		724	7.00	1.33	-115.87	-3.84	-110.70	24.08	-14.11	-108.76	-20.14	-102.73	-23.11
		726	7.03	-5.56	-116.57	-11.41	-110.72	24.80	-19.50	-116.40	-22.67	-113.22	-17.25
		725	7.26	-10.93	-119.81	-16.05	-114.69	23.05	-19.22	-126.05	-21.76	-123.51	-16.28
549	3	725	15.12	-21.83	-236.25	-35.25	-222.83	51.94	-54.78	-309.05	-57.00	-306.83	-23.67
		726	14.91	-8.35	-234.23	-22.97	-219.60	55.59	-52.11	-283.48	-54.77	-280.82	-24.65
		727	14.80	-22.62	-232.74	-36.98	-218.39	53.01	-58.19	-292.80	-58.52	-292.47	-8.77
		65	15.31	-35.03	-239.91	-51.72	-223.22	56.05	-64.64	-325.44	-64.87	-325.21	-7.75
549	35	725	8.49	-12.13	-132.93	-18.23	-126.83	26.45	-29.32	-170.44	-30.83	-168.93	-14.54
		726	8.30	-5.64	-131.29	-13.32	-123.60	30.11	-29.22	-156.79	-31.02	-154.99	-15.05
		727	8.26	-14.33	-129.40	-21.34	-122.39	27.53	-33.12	-166.52	-33.30	-166.34	-4.88
		65	8.73	-20.01	-135.93	-28.72	-127.22	30.57	-37.10	-187.14	-37.23	-187.01	-4.33
549	67	725	7.99	-11.37	-125.00	-16.92	-119.45	24.49	-27.39	-159.96	-28.85	-158.49	-13.85
		726	7.80	-5.43	-123.37	-12.58	-116.22	28.15	-27.48	-147.22	-29.22	-145.48	-14.32
		727	7.76	-13.68	-121.46	-20.14	-115.01	25.57	-31.22	-156.98	-31.39	-156.81	-4.58
		65	8.22	-18.85	-127.94	-26.96	-119.84	28.61	-35.02	-176.67	-35.14	-176.56	-4.07
550	7	714	17.57	320.12	-19.97	298.85	1.30	82.35	45.54	-78.80	44.41	-77.67	-11.80
		729	20.87	387.93	-12.92	331.85	43.16	139.05	119.96	61.75	90.84	90.87	29.10
		728	11.83	203.93	-54.45	147.05	2.43	107.05	-13.68	-25.12	-14.35	-24.45	2.69
		713	15.62	265.37	-17.99	211.33	36.05	111.32	102.35	-128.02	-33.69	8.02	113.28
550	39	714	7.77	125.09	-24.49	122.53	-21.94	19.38	8.88	-107.22	-0.73	-97.61	-31.99
		729	10.86	197.33	-12.71	164.70	19.92	76.08	81.78	28.13	44.54	65.37	24.72
		728	5.76	89.20	-38.48	71.53	-20.81	44.09	-16.42	-40.23	-16.82	-39.83	-3.06
		713	8.54	144.41	-4.96	126.64	12.81	48.35	72.58	-111.73	-36.89	-2.25	90.51
550	71	714	7.12	110.58	-25.30	109.00	-23.72	14.55	6.46	-109.77	-4.18	-99.12	-33.52
		729	10.09	182.72	-12.71	151.87	18.14	71.25	79.08	25.36	41.00	63.43	24.40
		728	5.34	80.66	-37.52	65.73	-22.60	39.26	-16.51	-41.49	-17.01	-40.99	-3.48
		713	8.01	135.37	-4.21	120.14	11.02	43.52	70.33	-110.48	-37.14	-3.02	88.78
551	7	713	14.52	224.60	-76.36	184.11	-35.87	102.69	69.88	-79.38	-74.91	65.41	25.45
		728	12.68	212.18	-59.78	165.69	-13.29	102.38	53.19	-10.20	2.90	40.10	25.66
		730	9.81	132.69	-89.68	60.11	-17.10	104.26	48.47	-27.28	-24.14	45.33	15.11
		716	10.22	133.01	-95.15	50.86	-13.00	109.52	122.20	-23.56	-22.17	120.81	14.17
551	39	713	8.66	120.94	-56.76	105.39	-41.21	50.21	17.57	-84.71	-78.93	11.80	23.60
		728	6.79	105.93	-38.62	85.94	-18.62	49.91	26.32	-18.88	-2.14	9.59	21.82
		730	5.20	65.21	-53.04	34.61	-22.44	51.79	15.72	-32.29	-29.77	13.21	10.69
		716	5.71	65.31	-57.24	26.40	-18.34	57.05	66.30	-32.87	-32.13	65.56	8.54
551	71	713	8.23	113.13	-55.40	99.34	-41.61	46.19	13.67	-85.15	-79.22	7.74	23.47

		728	6.34	97.83	-37.04	79.82	-19.03	45.88	24.49	-19.70	-2.51	7.30	21.55
		730	4.87	60.15	-50.33	32.66	-22.84	47.76	13.26	-32.66	-30.19	10.79	10.35
		716	5.37	60.16	-54.37	24.53	-18.74	53.02	62.07	-33.57	-32.88	61.38	8.10
552	7	716	9.44	96.64	-88.00	54.33	-45.69	77.60	69.27	-49.14	-38.51	58.63	-33.86
		730	8.69	95.49	-85.71	57.05	-47.27	74.08	42.49	-24.74	-17.68	35.43	-20.61
		731	8.28	68.57	-94.31	17.97	-43.71	75.37	57.25	-35.24	-14.08	36.09	-38.84
		718	8.39	63.40	-94.94	10.40	-41.94	74.72	79.02	-36.80	-11.61	53.83	-47.78
552	39	716	5.61	51.67	-55.20	32.30	-35.83	41.17	33.13	-48.26	-43.97	28.85	-18.18
		730	4.86	48.84	-53.85	32.40	-37.41	37.65	13.03	-22.80	-21.96	12.19	-5.42
		731	4.61	34.41	-56.07	12.19	-33.85	38.95	22.66	-29.22	-19.18	12.62	-20.50
		718	4.69	30.60	-55.47	7.20	-32.07	38.29	38.61	-32.81	-18.01	23.81	-28.95
552	71	716	5.33	48.28	-52.74	30.61	-35.07	38.38	30.48	-48.23	-44.37	26.62	-16.99
		730	4.57	45.33	-51.47	30.51	-36.65	34.86	11.01	-22.82	-22.27	10.47	-4.27
		731	4.34	31.87	-53.21	11.75	-33.09	36.15	20.09	-28.77	-19.56	10.88	-19.11
		718	4.42	28.15	-52.50	6.96	-31.31	35.50	35.57	-32.50	-18.49	21.56	-27.52
553	4	718	7.52	29.87	-116.20	1.96	-88.29	57.42	26.26	-48.34	-23.88	1.80	-35.02
		731	7.51	37.47	-116.05	11.63	-90.21	57.44	15.30	-39.41	-19.93	-4.17	-26.19
		732	7.30	29.98	-116.27	2.39	-88.68	57.21	19.82	-43.81	-14.31	-9.68	-31.73
		720	7.13	20.86	-116.19	-7.27	-88.07	55.35	26.79	-47.58	-12.79	-8.00	-37.11
553	36	718	4.44	16.39	-67.93	3.71	-55.25	30.14	12.86	-39.05	-25.03	-1.16	-23.05
		731	4.37	20.40	-68.89	8.68	-57.17	30.16	2.21	-29.62	-20.89	-6.51	-14.20
		732	4.18	15.43	-68.24	2.82	-55.64	29.93	5.70	-32.96	-15.26	-12.00	-19.26
		720	4.05	9.79	-67.18	-2.37	-55.02	28.07	12.26	-37.16	-13.94	-10.95	-24.66
553	68	718	4.20	15.40	-64.28	3.84	-52.72	28.06	11.87	-38.34	-25.11	-1.36	-22.12
		731	4.14	19.13	-65.32	8.45	-54.64	28.07	1.25	-28.88	-20.96	-6.67	-13.27
		732	3.94	14.35	-64.60	2.86	-53.11	27.85	4.62	-32.11	-15.32	-12.16	-18.30
		720	3.81	8.98	-63.48	-2.00	-52.50	25.98	11.16	-36.33	-14.02	-11.15	-23.70
554	8	720	7.74	8.74	-143.49	-13.94	-120.80	54.21	9.60	-65.63	-19.41	-36.62	-36.62
		732	7.96	19.24	-143.68	-2.98	-121.46	55.92	4.46	-60.64	-19.61	-36.57	-31.43
		733	7.78	15.65	-143.85	-7.04	-121.17	55.71	4.67	-64.96	-16.22	-44.06	-31.91
		722	7.53	5.06	-144.20	-17.45	-121.69	53.42	7.66	-68.70	-15.06	-45.98	-34.91
554	40	720	4.41	4.36	-81.72	-5.61	-71.75	27.55	3.66	-45.49	-17.32	-24.51	-24.31
		732	4.54	10.33	-82.75	-7.75e-03	-72.41	29.25	-1.95	-40.67	-17.63	-24.99	-19.00
		733	4.41	7.53	-82.71	-3.06	-72.12	29.05	-1.45	-44.99	-14.00	-32.43	-19.72
		722	4.24	1.55	-82.29	-8.10	-72.64	26.76	1.88	-48.43	-12.73	-33.81	-22.84
554	72	720	4.15	4.06	-77.03	-4.97	-68.00	25.51	3.21	-43.93	-17.15	-23.56	-23.35
		732	4.28	9.67	-78.10	0.22	-68.65	27.21	-2.44	-39.12	-17.48	-24.09	-18.04
		733	4.16	6.93	-78.05	-2.76	-68.36	27.01	-1.92	-43.43	-13.83	-31.52	-18.77
		722	4.01	1.32	-77.59	-7.39	-68.88	24.72	1.44	-46.85	-12.55	-32.86	-21.90
555	8	722	8.87	0.65	-170.90	-22.90	-147.34	59.05	-3.05	-86.74	-19.98	-69.81	-33.62
		733	9.11	12.21	-170.52	-11.45	-146.86	61.35	-4.81	-80.78	-20.46	-65.13	-30.73
		734	9.17	7.28	-171.44	-17.30	-146.87	61.55	-7.46	-85.23	-19.37	-73.31	-28.01
		724	9.03	-3.73	-172.84	-28.16	-148.41	59.45	-7.13	-91.39	-19.27	-79.26	-29.58
555	40	722	5.04	-0.69	-96.13	-10.85	-85.96	29.44	-3.40	-57.00	-15.18	-45.23	-22.19
		733	5.19	5.68	-96.53	-5.37	-85.48	31.74	-6.06	-52.59	-16.06	-42.58	-19.12
		734	5.27	2.44	-97.09	-9.16	-85.49	31.95	-7.49	-57.63	-14.47	-50.66	-17.35
		724	5.22	-3.42	-97.68	-14.06	-87.03	29.84	-6.38	-62.15	-13.96	-54.57	-19.11
555	72	722	4.75	-0.76	-90.43	-9.93	-81.26	27.17	-3.42	-54.69	-14.80	-43.31	-21.31
		733	4.89	5.20	-90.88	-4.90	-80.78	29.47	-6.15	-50.39	-15.72	-40.82	-18.22
		734	4.97	2.09	-91.41	-8.54	-80.79	29.68	-7.49	-55.49	-14.09	-48.89	-16.52
		724	4.93	-3.36	-91.96	-12.98	-82.33	27.58	-6.31	-59.87	-13.54	-52.64	-18.30
556	3	724	10.34	-6.17	-172.11	-28.22	-150.07	56.32	-33.48	-207.28	-43.28	-197.48	-40.10
		734	10.36	4.47	-171.01	-18.00	-148.54	58.64	-32.17	-194.19	-41.92	-184.44	-38.53
		735	10.41	-2.21	-171.78	-25.80	-148.18	58.69	-35.96	-198.90	-42.05	-192.81	-30.91
		726	10.51	-12.11	-174.53	-36.14	-150.50	57.67	-38.59	-213.79	-44.55	-207.83	-31.76
556	35	724	5.93	-4.72	-98.61	-14.28	-89.04	28.40	-18.97	-116.39	-25.28	-110.08	-23.99
		734	5.92	0.94	-98.19	-9.74	-87.51	30.73	-19.20	-108.79	-25.10	-102.89	-22.22
		735	5.98	-3.28	-98.45	-14.57	-87.16	30.77	-21.29	-114.50	-24.64	-111.15	-17.35
		726	6.10	-8.33	-100.39	-19.24	-89.48	29.75	-22.51	-123.78	-25.97	-120.31	-18.40
556	67	724	5.59	-4.57	-92.99	-13.21	-84.35	26.26	-17.87	-109.52	-23.92	-103.46	-22.76
		734	5.58	0.68	-92.60	-9.10	-82.82	28.58	-18.22	-102.33	-23.82	-96.73	-20.98
		735	5.64	-3.35	-92.82	-13.71	-82.46	28.63	-20.19	-108.12	-23.33	-104.97	-16.32
		726	5.76	-8.01	-94.71	-17.94	-84.79	27.60	-21.29	-116.97	-24.57	-113.69	-17.39
557	3	726	11.82	-16.76	-180.80	-37.89	-159.67	54.96	-56.54	-284.42	-59.36	-281.59	-25.21
		735	11.61	-5.79	-179.60	-27.92	-157.46	57.95	-51.45	-255.96	-54.11	-253.30	-23.17
		736	11.77	-5.97	-176.97	-26.15	-156.79	55.17	-51.53	-259.75	-51.80	-259.48	-7.53
		727	12.20	-14.01	-182.02	-36.99	-159.03	57.73	-58.10	-292.61	-58.42	-292.29	-8.69
557	35	726	6.76	-11.04	-104.19	-20.38	-94.86	27.97	-31.15	-157.12	-33.02	-155.25	-15.24
		735	6.62	-4.91	-103.58	-15.84	-92.66	30.96	-28.70	-141.52	-30.36	-139.86	-13.58
		736	6.69	-6.63	-101.29	-15.94	-91.99	28.18	-29.02	-146.39	-29.16	-146.26	-4.02
		727	7.04	-10.11	-105.47	-21.35	-94.23	30.75	-33.02	-166.34	-33.20	-166.16	-4.79
557	67	726	6.37	-10.58	-98.33	-19.03	-89.88	25.89	-29.23	-147.49	-31.03	-145.69	-14.48
		735	6.24	-4.84	-97.75	-14.91	-87.67	28.89	-26.98	-132.87	-28.56	-131.29	-12.85
		736	6.30	-6.67	-95.49	-15.16	-87.00	26.11	-27.32	-137.83	-27.45	-137.70	-3.76
		727	6.64	-9.80	-99.59	-20.15	-89.25	28.67	-31.13	-156.79	-31.29	-156.63	-4.50
558	7	729	14.88	272.73	-41.70	255.45	-24.41	71.66	23.70	8.43	12.23	19.90	6.61
		738	18.07	320.86	-66.57	269.98	-15.69	130.86	25.33	-1.95	4.59	18.79	11.65

		737	12.29	206.43	-62.52	169.23	-25.32	92.85	4.60	-5.03	1.10	-1.53	4.64
		728	13.83	228.85	-72.88	178.85	-22.88	112.19	21.12	-24.06	-12.27	9.32	19.85
558	39	729	6.79	119.10	-26.20	117.09	-24.19	16.96	7.25	2.43	7.21	2.46	-0.40
		738	9.63	163.18	-47.94	130.70	-15.47	76.16	13.22	-1.63	0.95	10.64	5.63
		737	6.04	95.67	-37.15	83.62	-25.09	38.16	0.23	-9.65	-0.20	-9.23	2.00
		728	7.51	117.70	-46.20	94.15	-22.66	57.49	5.54	-27.94	-14.79	-7.61	16.35
558	71	729	6.20	107.71	-25.41	106.47	-24.17	12.77	6.98	1.00	6.84	1.14	-0.92
		738	8.99	151.11	-46.55	120.02	-15.45	71.97	12.33	-1.62	0.68	10.03	5.18
		737	5.58	87.31	-35.34	77.05	-25.07	33.96	0.04	-10.14	-0.29	-9.80	1.81
		728	7.04	109.20	-44.18	87.65	-22.64	53.30	4.45	-28.33	-14.99	-8.89	16.10
559	7	728	13.52	229.70	-65.83	181.72	-17.85	108.98	39.25	-10.08	-6.87	36.03	12.18
		737	13.80	233.36	-69.03	175.90	-11.57	118.63	23.01	5.83	7.80	21.04	5.48
		739	11.26	157.32	-91.11	79.10	-12.89	115.39	23.14	-9.17	-3.42	17.39	-12.35
		730	11.82	165.14	-94.16	84.29	-13.31	120.12	52.01	-15.93	-15.38	51.45	-6.11
559	39	728	6.85	110.60	-42.07	92.79	-24.27	49.00	9.37	-19.28	-13.89	3.98	11.19
		737	7.16	114.27	-44.00	88.26	-17.99	58.65	7.06	-1.64	2.28	3.14	4.33
		739	5.67	75.00	-51.86	42.44	-19.31	55.41	1.50	-9.30	-7.49	-0.31	-4.04
		730	6.21	81.92	-55.30	46.34	-19.72	60.14	19.70	-20.91	-20.83	19.61	1.81
559	71	728	6.35	101.58	-40.36	85.97	-24.76	44.40	7.27	-20.12	-14.41	1.56	11.12
		737	6.66	105.16	-42.11	81.53	-18.48	54.05	6.09	-2.40	1.87	1.81	4.25
		739	5.24	68.77	-48.94	39.63	-19.80	50.81	-0.11	-9.29	-7.78	-1.63	-3.41
		730	5.79	75.62	-52.40	43.43	-20.21	55.54	17.37	-21.38	-21.23	17.22	2.41
560	7	730	10.54	137.60	-85.67	80.70	-28.77	97.30	40.94	-25.28	-17.73	33.39	-21.05
		739	10.37	138.68	-85.03	81.34	-27.68	97.68	30.28	-17.06	-2.25	15.47	-21.95
		740	9.77	103.63	-100.42	29.02	-25.80	98.27	40.54	-31.32	-7.20	16.41	-33.94
		731	9.96	103.02	-101.36	27.93	-26.27	98.53	56.26	-33.03	-12.69	35.92	-37.45
560	39	730	5.60	67.45	-51.99	43.58	-28.12	47.76	11.78	-23.99	-22.58	10.37	-6.96
		739	5.41	67.80	-51.48	43.36	-27.04	48.14	5.57	-12.45	-6.70	-0.18	-8.40
		740	5.05	49.06	-57.17	17.05	-25.16	48.74	12.21	-22.61	-10.94	0.54	-16.44
		731	5.25	48.98	-57.81	16.80	-25.62	49.00	22.16	-26.93	-17.41	12.64	-19.40
560	71	730	5.23	62.16	-49.50	40.73	-28.07	43.97	9.72	-23.99	-22.93	8.66	-5.89
		739	5.04	62.44	-48.98	40.45	-26.99	44.35	3.74	-12.06	-7.01	-1.31	-7.37
		740	4.70	44.96	-53.94	16.13	-25.11	44.94	10.10	-21.92	-11.21	-0.61	-15.10
		731	4.89	44.93	-54.56	15.94	-25.57	45.20	19.62	-26.45	-17.75	10.92	-18.03
561	8	731	8.55	73.59	-107.75	20.56	-54.73	82.49	11.90	-41.07	-20.42	-8.75	-25.84
		740	8.40	77.12	-106.49	25.21	-54.58	82.68	2.47	-49.57	-12.37	-34.74	-23.49
		741	8.26	61.78	-113.46	1.54	-53.23	83.23	6.95	-56.39	-11.60	-37.85	-28.82
		732	8.32	57.68	-114.21	-3.02	-53.51	82.15	17.36	-46.11	-14.72	-14.03	-31.74
561	40	731	4.66	35.45	-62.57	12.98	-40.11	41.20	0.58	-30.26	-20.93	-8.75	-14.17
		740	4.51	37.24	-62.15	15.04	-39.95	41.40	-5.16	-30.46	-12.91	-22.72	-11.66
		741	4.40	28.59	-64.79	2.40	-38.60	41.94	-1.52	-36.49	-12.17	-25.84	-16.09
		732	4.45	25.94	-64.64	0.18	-38.88	40.86	4.58	-33.78	-15.16	-14.04	-19.17
561	72	731	4.37	32.61	-59.20	12.40	-38.99	38.03	-0.26	-29.46	-20.96	-8.75	-13.26
		740	4.22	34.26	-58.84	14.26	-38.84	38.23	-5.78	-29.04	-12.95	-21.87	-10.74
		741	4.11	26.11	-61.13	2.47	-37.49	38.78	-2.21	-35.00	-12.21	-25.00	-15.10
		732	4.15	23.58	-60.93	0.42	-37.77	37.70	3.59	-32.82	-15.19	-14.04	-18.20
562	8	732	8.06	39.62	-127.32	-8.58	-79.12	75.65	16.38	-56.07	-2.84	-36.85	-31.99
		741	8.13	45.88	-126.09	-1.32	-78.88	76.74	15.95	-53.14	-0.11	-37.09	-29.18
		742	8.07	38.74	-128.92	-12.00	-78.18	77.02	3.51	-62.13	-15.85	-42.77	-29.93
		733	7.95	32.02	-130.21	-19.32	-78.87	75.45	4.20	-65.75	-17.19	-44.36	-32.23
562	40	732	4.38	17.71	-72.55	-2.66	-52.18	37.73	3.35	-38.17	-9.62	-25.21	-19.24
		741	4.42	21.37	-72.50	0.81	-51.94	38.82	2.50	-35.41	-6.68	-26.24	-16.24
		742	4.35	16.94	-73.67	-5.49	-51.24	39.11	-2.83	-42.21	-13.22	-31.82	-17.36
		733	4.26	12.82	-73.68	-8.94	-51.93	37.53	-1.69	-45.34	-14.41	-32.62	-19.84
562	72	732	4.11	16.11	-68.43	-2.21	-50.12	34.83	2.37	-36.79	-10.12	-24.29	-18.25
		741	4.14	19.55	-68.47	0.97	-49.88	35.92	1.48	-34.03	-7.17	-25.38	-15.24
		742	4.07	15.33	-69.49	-4.99	-49.18	36.20	-3.31	-40.66	-13.02	-30.96	-16.38
		733	3.99	11.42	-69.43	-8.14	-49.87	34.63	-2.14	-43.75	-14.19	-31.69	-18.87
563	8	733	8.14	22.12	-145.49	-23.70	-99.67	74.70	-5.37	-81.46	-21.43	-65.41	-31.05
		742	8.28	29.85	-144.15	-15.33	-98.97	76.29	-4.98	-75.82	-19.47	-61.33	-28.58
		743	8.13	24.96	-145.89	-22.43	-98.50	76.49	-6.92	-79.29	-18.33	-67.87	-26.38
		734	8.00	17.34	-147.72	-30.68	-99.70	74.97	-7.63	-85.57	-19.77	-73.43	-28.27
563	40	733	4.41	8.21	-82.36	-11.21	-62.95	37.17	-6.32	-52.91	-16.48	-42.75	-19.24
		742	4.53	12.74	-82.27	-7.28	-62.24	38.75	-6.75	-48.95	-14.94	-40.76	-16.69
		743	4.57	9.54	-83.05	-11.74	-61.77	38.95	-7.57	-53.30	-13.60	-47.26	-15.48
		734	4.49	5.05	-83.58	-15.54	-62.98	37.43	-7.56	-57.78	-14.62	-50.73	-17.45
563	72	733	4.14	7.21	-77.60	-10.25	-60.14	34.29	-6.39	-50.69	-16.09	-40.98	-18.32
		742	4.28	11.48	-77.58	-6.67	-59.43	35.88	-6.88	-46.86	-14.58	-39.16	-15.76
		743	4.31	8.40	-78.29	-10.92	-58.96	36.08	-7.61	-51.28	-13.23	-45.65	-14.63
		734	4.24	4.18	-78.73	-14.38	-60.17	34.56	-7.55	-55.62	-14.21	-48.96	-16.61
564	8	734	8.61	10.51	-158.63	-33.65	-114.47	74.29	-16.15	-103.96	-24.30	-95.81	-25.48
		743	8.70	18.67	-157.04	-25.12	-113.26	76.00	-14.48	-93.75	-21.99	-86.24	-23.21
		744	8.81	16.75	-157.13	-27.65	-112.72	75.82	-16.21	-96.49	-20.28	-92.42	-17.61
		735	8.81	9.15	-159.71	-36.37	-114.19	74.93	-18.36	-108.16	-22.73	-103.79	-19.31
564	40	734	4.91	1.71	-89.98	-17.17	-71.10	37.07	-11.63	-66.78	-16.83	-61.58	-16.11
		743	4.97	6.46	-89.59	-13.24	-69.89	38.78	-11.06	-60.52	-15.37	-56.21	-13.95
		744	5.05	4.68	-89.48	-15.45	-69.36	38.60	-11.87	-64.56	-13.98	-62.45	-10.32

		735	5.07	0.40	-90.79	-19.57	-70.82	37.71	-13.08	-72.14	-15.59	-69.63	-11.91
564	67	734	4.64	-3.06e-03	-77.23	-14.39	-62.84	30.07	-18.76	-102.62	-24.49	-96.90	-21.16
		743	4.64	4.22	-76.96	-11.11	-61.63	31.78	-17.66	-94.46	-22.62	-89.50	-18.87
		744	4.73	2.49	-76.80	-13.21	-61.10	31.60	-18.24	-98.31	-20.88	-95.67	-14.28
		735	4.79	-1.30	-77.95	-16.68	-62.57	30.70	-19.88	-107.89	-22.89	-104.88	-16.00
565	3	735	9.62	-2.24	-145.03	-34.77	-112.51	59.89	-50.70	-255.56	-53.20	-253.06	-22.50
		744	9.49	6.57	-144.60	-26.95	-111.07	62.80	-45.38	-228.95	-47.72	-226.61	-20.57
		745	9.70	11.52	-139.99	-18.00	-110.48	60.01	-45.79	-230.92	-46.04	-230.67	-6.73
		736	10.08	6.68	-144.72	-26.16	-111.89	62.40	-51.53	-259.76	-51.80	-259.49	-7.52
565	35	735	5.58	-5.33	-84.94	-19.09	-71.18	30.10	-28.31	-141.28	-29.88	-139.71	-13.23
		744	5.52	0.20	-85.33	-15.38	-69.74	33.01	-25.49	-126.72	-26.83	-125.39	-11.53
		745	5.59	1.10	-82.15	-11.90	-69.15	30.22	-25.71	-129.70	-25.82	-129.59	-3.46
		736	5.88	-0.73	-85.79	-15.95	-70.56	32.61	-29.02	-146.41	-29.16	-146.27	-4.02
565	67	735	5.27	-5.51	-80.38	-17.88	-68.00	27.81	-26.62	-132.65	-28.12	-131.14	-12.53
		744	5.22	-0.25	-80.80	-14.49	-66.57	30.72	-23.99	-119.00	-25.25	-117.75	-10.85
		745	5.28	0.33	-77.74	-11.43	-65.98	27.92	-24.19	-122.06	-24.29	-121.96	-3.21
		736	5.56	-1.27	-81.28	-15.16	-67.38	30.31	-27.32	-137.84	-27.45	-137.72	-3.75
566	4	738	12.67	228.77	-40.25	206.26	-17.73	74.50	8.07	1.25	6.48	2.85	2.89
		747	15.86	262.34	-80.20	200.49	-18.35	131.76	15.02	-12.56	8.18	-5.72	11.91
		746	12.09	198.39	-57.71	160.90	-20.22	90.53	25.60	-10.22	23.63	-8.25	8.18
		737	13.09	208.51	-76.15	154.12	-21.76	111.91	17.86	-7.37	15.57	-5.08	7.25
566	36	738	5.86	103.40	-22.07	99.52	-18.19	21.74	4.15	0.48	4.14	0.49	0.20
		747	8.78	134.23	-59.59	93.45	-18.81	79.00	8.75	-4.93	5.69	-1.87	5.70
		746	6.09	95.77	-32.92	83.53	-20.67	37.77	14.62	-9.64	13.89	-8.91	4.16
		737	7.02	104.62	-49.79	77.04	-22.21	59.15	6.08	-10.63	4.86	-9.41	4.34
566	68	738	5.36	94.11	-21.01	91.32	-18.22	17.69	3.97	0.31	3.97	0.31	0.01
		747	8.24	124.44	-58.05	85.23	-18.84	74.95	8.29	-4.37	5.51	-1.59	5.24
		746	5.65	88.04	-31.16	77.58	-20.71	33.72	13.80	-9.62	13.14	-8.96	3.87
		737	6.56	96.66	-47.78	71.12	-22.25	55.10	5.18	-10.89	4.03	-9.75	4.13
567	7	737	13.17	218.46	-66.97	169.98	-18.48	107.18	31.06	14.85	22.20	23.71	8.07
		746	13.45	224.69	-72.41	169.11	-16.83	115.86	34.47	4.00	27.91	10.56	-12.52
		748	11.32	162.81	-84.15	94.10	-15.43	110.67	29.77	-13.92	10.79	5.06	-21.65
		739	11.50	165.38	-88.60	95.03	-18.25	113.66	27.21	-1.56	4.82	20.83	-11.95
567	39	737	6.65	104.42	-40.87	85.43	-21.88	48.97	11.88	0.06	8.16	3.79	5.49
		746	7.00	110.14	-45.72	84.65	-20.23	57.65	17.64	-2.77	15.65	-0.79	-6.05
		748	5.65	77.80	-47.31	49.33	-18.84	52.45	11.10	-12.57	3.95	-5.43	-10.87
		739	5.88	80.32	-51.81	50.16	-21.66	55.45	3.98	-5.07	3.28	2.19	-3.61
567	71	737	6.15	95.75	-38.95	78.94	-22.14	44.51	10.50	-1.11	7.09	2.30	5.29
		746	6.51	101.38	-43.70	78.17	-20.49	53.19	16.44	-3.32	14.72	-1.61	-5.56
		748	5.22	71.35	-44.56	45.89	-19.10	47.99	9.77	-12.51	3.45	-6.18	-10.05
		739	5.46	73.86	-49.06	46.72	-21.91	50.99	2.25	-5.33	-3.89	0.81	-2.97
568	8	739	10.72	153.63	-84.36	89.94	-20.67	105.37	7.11	-19.34	-2.80	-9.44	-12.80
		748	10.88	155.47	-83.87	89.86	-18.26	106.77	15.44	-28.07	3.27	-15.90	-19.53
		749	10.18	119.53	-101.79	35.19	-17.45	107.49	8.21	-50.15	-6.63	-35.31	-25.42
		740	10.14	118.36	-102.64	34.55	-18.83	107.23	10.65	-32.65	-12.12	-9.88	-21.62
568	40	739	5.45	73.57	-49.81	47.41	-23.65	50.43	-4.27	-14.19	-7.02	-11.44	-4.44
		748	5.53	74.62	-49.27	46.60	-21.25	51.83	5.25	-19.46	0.44	-14.65	-9.78
		749	5.12	55.82	-56.65	19.61	-20.44	52.55	0.27	-31.16	-6.84	-24.05	-13.15
		740	5.14	55.23	-57.31	19.73	-21.81	52.29	-1.27	-22.81	-12.79	-11.29	-10.75
568	72	739	5.06	67.52	-47.26	44.14	-23.88	46.22	-5.13	-13.84	-7.36	-11.61	-3.79
		748	5.12	68.49	-46.68	43.28	-21.48	47.62	4.49	-18.85	0.21	-14.57	-9.03
		749	4.74	51.01	-53.27	18.41	-20.67	48.34	-0.36	-29.76	-6.86	-23.26	-12.20
		740	4.77	50.47	-53.93	18.59	-22.04	48.08	-2.20	-22.06	-12.85	-11.41	-9.90
569	8	740	9.51	102.76	-104.29	32.74	-34.27	97.96	3.81	-51.18	-12.45	-34.92	-25.09
		749	9.59	105.36	-103.47	34.80	-32.91	98.78	9.15	-53.23	-6.08	-38.00	-26.79
		750	9.46	88.19	-114.64	5.72	-32.18	99.63	9.44	-57.25	-7.12	-40.69	-28.81
		741	9.37	83.52	-116.44	0.12	-33.04	98.60	7.46	-56.61	-11.02	-38.12	-29.03
569	40	740	4.88	47.81	-59.37	18.62	-30.18	47.71	-4.35	-31.38	-12.88	-22.85	-12.57
		749	4.92	49.29	-58.97	19.14	-28.82	48.53	0.83	-32.63	-6.51	-25.28	-13.85
		750	4.83	39.97	-63.92	4.14	-28.08	49.38	0.59	-36.42	-7.92	-27.91	-15.57
		741	4.76	37.11	-64.34	1.71	-28.94	48.35	-1.17	-36.56	-11.74	-26.00	-16.20
569	72	740	4.53	43.68	-56.03	17.53	-29.87	43.86	-5.00	-29.91	-12.92	-22.00	-11.60
		749	4.56	45.07	-55.64	17.93	-28.51	44.68	0.18	-31.10	-6.55	-24.38	-12.85
		750	4.48	36.35	-60.11	4.02	-27.78	45.54	-0.12	-34.87	-7.99	-27.00	-14.54
		741	4.42	33.63	-60.44	1.83	-28.64	44.50	-1.87	-35.07	-11.80	-25.14	-15.20
570	8	741	8.86	69.14	-119.47	-1.14	-49.18	91.20	17.84	-52.97	2.11	-37.24	-29.43
		750	8.95	73.82	-118.06	4.07	-48.31	92.29	20.12	-51.58	5.59	-37.06	-28.82
		751	8.93	64.41	-124.51	-12.40	-47.70	92.80	4.54	-59.72	-13.63	-41.54	-28.94
		742	8.85	60.14	-125.55	-16.89	-48.52	91.49	3.68	-62.47	-15.93	-42.86	-30.21
570	40	741	4.58	30.35	-67.19	0.90	-37.73	44.78	3.46	-35.37	-5.55	-26.36	-16.40
		750	4.64	33.18	-66.92	3.13	-36.87	45.88	5.57	-34.34	-1.94	-26.84	-15.60
		751	4.62	27.79	-69.85	-5.81	-36.25	46.39	-2.19	-40.08	-11.05	-31.23	-16.03
		742	4.54	24.94	-69.84	-7.82	-37.07	45.08	-2.73	-42.36	-13.20	-31.89	-17.48
570	72	741	4.26	27.47	-63.29	1.05	-36.86	41.23	2.37	-33.99	-6.12	-25.50	-15.39
		750	4.32	30.14	-63.09	3.05	-36.00	42.33	4.47	-32.99	-2.50	-26.03	-14.57
		751	4.29	25.05	-65.74	-5.30	-35.38	42.83	-2.69	-38.56	-10.84	-30.41	-15.03
		742	4.22	22.33	-65.66	-7.13	-36.20	41.52	-3.21	-40.80	-12.99	-31.03	-16.49

571	8	742	8.50	47.15	-131.70	-20.21	-64.34	86.66	-4.86	-76.16	-19.59	-61.43	-28.86
		751	8.60	52.23	-130.40	-14.66	-63.50	87.99	-2.70	-70.36	-16.55	-56.50	-27.30
		752	8.50	47.87	-133.17	-22.36	-62.94	88.22	-5.17	-72.46	-15.91	-61.73	-24.64
571	40	743	8.42	42.78	-134.72	-28.04	-63.90	86.92	-6.82	-79.13	-18.09	-67.86	-26.23
		742	4.42	18.75	-74.07	-9.61	-45.70	42.76	-6.66	-49.12	-14.94	-40.84	-16.82
		751	4.50	21.98	-73.95	-7.10	-44.86	44.09	-5.37	-45.46	-12.41	-38.43	-15.25
571	72	752	4.42	19.16	-75.25	-11.79	-44.31	44.32	-6.64	-48.79	-11.77	-43.65	-13.78
		743	4.35	15.87	-75.54	-14.42	-45.26	43.02	-7.50	-53.22	-13.45	-47.26	-15.39
		742	4.12	16.67	-69.75	-8.80	-44.28	39.40	-6.80	-47.02	-14.58	-39.23	-15.89
572	8	751	4.20	19.73	-69.70	-6.53	-43.44	40.73	-5.57	-43.53	-12.08	-37.02	-14.31
		752	4.12	17.02	-70.88	-10.98	-42.88	40.96	-6.73	-46.96	-11.45	-42.24	-12.94
		743	4.04	13.88	-71.09	-13.37	-43.84	39.66	-7.54	-51.21	-13.09	-45.66	-14.55
572	40	743	8.04	31.83	-139.13	-30.73	-76.58	82.35	-14.37	-93.64	-21.78	-86.23	-23.07
		752	8.15	37.51	-137.76	-24.64	-75.61	83.85	-11.86	-83.52	-18.85	-76.53	-21.26
		753	8.14	37.76	-137.03	-24.23	-75.04	83.62	-13.87	-85.17	-17.59	-81.44	-15.87
572	72	744	8.12	32.54	-139.11	-30.51	-76.06	82.74	-16.20	-96.31	-20.12	-92.39	-17.29
		743	4.42	10.53	-78.82	-15.91	-52.38	40.79	-10.98	-60.46	-15.23	-56.21	-13.87
		752	4.49	14.17	-78.68	-13.09	-51.42	42.29	-9.59	-54.46	-13.17	-50.88	-12.15
572	40	753	4.57	13.63	-78.28	-13.80	-50.85	42.06	-10.51	-57.57	-12.23	-55.85	-8.83
		744	4.56	10.42	-79.09	-16.81	-51.87	41.18	-11.85	-64.47	-13.89	-62.44	-10.15
		743	4.16	8.98	-74.29	-14.78	-50.53	37.61	-10.71	-57.88	-14.72	-53.87	-13.15
572	72	752	4.23	12.45	-74.23	-12.21	-49.57	39.11	-9.41	-52.19	-12.73	-48.87	-11.45
		753	4.31	11.84	-73.84	-13.00	-49.00	38.88	-10.24	-55.43	-11.81	-53.85	-8.28
		744	4.29	8.79	-74.57	-15.76	-50.02	38.00	-11.51	-61.99	-13.41	-60.10	-9.60
573	3	744	8.27	16.62	-123.33	-29.61	-77.11	65.82	-45.34	-228.75	-47.52	-226.57	-19.88
		753	8.23	23.64	-123.47	-23.73	-76.10	68.74	-40.29	-204.55	-42.36	-202.48	-18.31
		754	8.43	29.47	-116.98	-11.97	-75.54	65.97	-40.84	-205.90	-41.06	-205.68	-6.11
573	35	745	8.77	27.04	-121.56	-18.00	-76.52	68.30	-45.81	-230.97	-46.05	-230.72	-6.73
		744	4.81	2.44	-72.60	-16.64	-53.52	32.67	-25.47	-126.62	-26.72	-125.37	-11.20
		753	4.81	7.34	-73.66	-13.81	-52.51	35.58	-22.74	-113.62	-23.81	-112.55	-9.82
573	67	754	4.86	8.81	-69.67	-8.91	-51.95	32.81	-23.00	-115.96	-23.10	-115.86	-3.04
		745	5.12	8.28	-73.11	-11.90	-52.94	35.14	-25.72	-129.75	-25.83	-129.64	-3.46
		744	4.55	1.43	-68.78	-15.64	-51.71	30.12	-23.97	-118.91	-25.15	-117.73	-10.54
573	67	753	4.56	6.15	-69.89	-13.05	-50.70	33.03	-21.42	-106.77	-22.41	-105.77	-9.18
		754	4.59	7.28	-66.09	-8.67	-50.14	30.26	-21.65	-109.18	-21.74	-109.09	-2.80
		745	4.85	6.88	-69.44	-11.43	-51.12	32.59	-24.20	-122.11	-24.31	-122.01	-3.21
574	4	747	12.75	199.92	-46.15	170.71	-16.94	79.60	105.77	12.96	99.78	18.94	22.79
		756	16.08	228.26	-105.48	149.17	-26.39	141.92	142.86	-20.88	142.72	-20.74	-4.79
		755	12.27	211.55	-46.73	180.78	-15.96	83.67	53.50	-55.48	42.29	-44.28	-33.10
574	36	746	13.73	210.37	-82.41	154.21	-26.25	115.28	49.22	-6.35	48.13	-5.26	7.71
		747	6.05	93.82	-22.69	87.44	-16.31	26.51	51.39	5.53	46.79	10.13	13.78
		756	9.49	119.80	-79.97	65.59	-25.76	88.83	92.69	-13.47	92.69	-13.47	-0.23
574	68	755	6.48	108.75	-22.87	101.22	-15.33	30.58	32.76	-37.03	25.14	-29.41	-21.77
		746	7.45	104.65	-55.30	74.97	-25.62	62.19	28.53	-8.14	27.91	-7.52	4.72
		747	5.55	85.97	-21.19	81.05	-16.26	22.44	47.26	4.91	42.71	9.45	13.10
574	68	756	8.99	111.52	-78.06	59.17	-25.71	84.76	88.84	-12.92	88.84	-12.92	0.12
		755	6.06	101.14	-21.32	95.11	-15.29	26.51	31.17	-35.63	23.82	-28.28	-20.90
		746	6.97	96.54	-53.23	68.88	-25.57	58.12	26.95	-8.28	26.36	-7.70	4.51
575	4	746	12.26	208.05	-52.87	166.22	-11.04	95.74	47.23	-9.23	44.43	-6.43	-12.26
		755	12.29	212.62	-53.06	164.16	-4.60	102.60	56.49	-38.63	45.74	-27.88	-30.12
		757	10.43	150.33	-70.27	86.58	-6.52	100.00	25.32	-56.76	5.38	-36.83	-35.20
575	36	748	10.15	146.35	-74.30	80.99	-8.93	100.75	20.25	-26.00	5.90	-11.66	-21.39
		746	6.35	101.34	-33.47	85.51	-17.64	43.41	25.15	-10.41	24.14	-9.41	-5.89
		755	6.28	103.52	-33.23	81.49	-11.20	50.27	34.09	-24.56	27.39	-17.85	-18.66
575	68	757	5.22	72.18	-39.76	45.54	-13.12	47.67	13.38	-34.24	3.17	-24.03	-19.54
		748	5.09	69.50	-43.10	41.92	-15.53	48.42	7.48	-18.50	1.66	-12.67	-10.84
		746	5.90	93.24	-32.08	79.31	-18.15	39.40	23.46	-10.52	22.58	-9.64	-5.39
575	68	755	5.83	95.16	-31.74	75.14	-11.71	46.26	32.36	-23.51	25.98	-17.12	-17.77
		757	4.82	66.25	-37.49	42.39	-13.63	43.66	12.45	-32.54	3.00	-23.08	-18.33
		748	4.70	63.67	-40.78	38.92	-16.04	44.41	6.53	-17.96	1.33	-12.75	-10.02
576	8	748	10.97	155.60	-81.44	85.57	-11.41	108.15	21.96	-34.16	3.86	-16.07	-26.23
		757	11.26	158.28	-81.57	84.98	-8.27	110.49	31.56	-38.90	7.81	-15.15	-33.31
		758	10.66	129.79	-98.23	40.54	-8.98	111.29	21.17	-41.72	-2.96	-17.58	-30.58
576	40	749	10.42	127.62	-98.14	39.91	-10.44	110.04	8.81	-50.57	-6.67	-35.09	-26.06
		748	5.45	73.41	-46.59	44.80	-17.98	51.13	8.11	-22.22	0.71	-14.83	-13.02
		757	5.66	75.27	-46.57	43.54	-14.84	53.47	16.32	-25.32	4.50	-13.50	-18.77
576	72	758	5.34	60.44	-54.32	21.67	-15.55	54.28	8.38	-27.39	-3.16	-15.85	-16.72
		749	5.16	58.80	-54.09	21.71	-17.00	53.02	0.64	-31.32	-6.83	-23.84	-13.53
		748	5.03	67.19	-44.01	41.67	-18.49	46.76	7.07	-21.35	0.46	-14.74	-12.00
576	72	757	5.24	68.96	-43.94	40.36	-15.34	49.10	15.15	-24.30	4.23	-13.38	-17.65
		758	4.94	55.18	-51.02	20.22	-16.05	49.91	7.41	-26.31	-3.18	-15.73	-15.65
		749	4.77	53.60	-50.80	20.31	-17.51	48.65	-5.31e-03	-29.90	-6.85	-23.06	-12.56
577	8	749	10.20	121.44	-99.46	39.83	-17.85	106.62	9.37	-53.75	-6.60	-37.79	-27.44
		758	10.40	124.01	-99.67	40.58	-16.23	108.17	14.27	-57.77	-2.98	-40.52	-30.74
		759	10.26	106.36	-113.00	9.53	-16.17	108.92	13.34	-60.94	-3.74	-43.86	-31.26
577	40	750	10.11	103.94	-112.75	8.33	-17.14	107.59	10.29	-58.10	-6.99	-40.81	-29.72
		749	5.09	55.61	-55.71	21.54	-21.64	51.30	0.98	-32.91	-6.76	-25.16	-14.23

		758	5.24	57.45	-56.08	21.38	-20.02	52.86	5.72	-35.23	-3.14	-26.37	-16.86
		759	5.14	47.97	-62.26	5.66	-19.95	53.61	3.84	-38.03	-4.74	-29.45	-16.90
		750	5.02	46.12	-61.69	5.36	-20.93	52.28	1.06	-36.82	-7.81	-27.96	-16.04
577	72	749	4.70	50.65	-52.45	20.14	-21.93	47.06	0.32	-31.36	-6.78	-24.27	-13.21
		758	4.85	52.41	-52.82	19.91	-20.32	48.62	5.04	-33.54	-3.15	-25.35	-15.78
		759	4.76	43.56	-58.45	5.36	-20.25	49.37	3.09	-36.32	-4.82	-28.41	-15.79
		750	4.64	41.77	-57.86	5.13	-21.22	48.04	0.33	-35.24	-7.87	-27.04	-14.98
578	8	750	9.63	90.18	-116.42	6.64	-32.88	101.39	21.62	-52.14	6.57	-37.08	-29.73
		759	9.77	93.18	-116.32	8.73	-31.87	102.76	24.53	-49.92	8.89	-34.28	-30.33
		760	9.73	83.28	-124.34	-9.56	-31.50	103.23	6.99	-56.50	-11.18	-38.33	-28.69
		751	9.62	80.23	-124.58	-12.06	-32.29	101.91	4.61	-59.85	-13.66	-41.58	-29.05
578	40	750	4.84	39.55	-64.66	4.34	-29.45	49.29	6.34	-34.64	-1.45	-26.85	-16.07
		759	4.96	41.67	-65.06	5.05	-28.44	50.67	9.02	-33.35	1.14	-25.47	-16.48
		760	4.92	36.12	-68.80	-4.61	-28.07	51.13	-0.48	-37.78	-8.83	-29.43	-15.54
		751	4.82	33.89	-68.40	-5.65	-28.87	49.81	-2.14	-40.15	-11.03	-31.26	-16.09
578	72	750	4.48	35.76	-60.79	4.17	-29.20	45.30	5.18	-33.27	-2.04	-26.05	-15.01
		759	4.59	37.79	-61.21	4.77	-28.19	46.68	7.85	-32.06	0.57	-24.78	-15.41
		760	4.55	32.57	-64.62	-4.24	-27.82	47.14	-1.03	-36.34	-8.64	-28.73	-14.52
		751	4.46	30.41	-64.18	-5.16	-28.61	45.82	-2.64	-38.63	-10.82	-30.44	-15.09
579	8	751	9.04	69.03	-123.72	-14.32	-40.37	95.49	-2.68	-70.51	-16.63	-56.56	-27.42
		760	9.14	72.62	-123.16	-10.99	-39.56	96.84	0.29	-64.65	-13.64	-50.72	-26.66
		761	9.07	68.36	-126.73	-19.30	-39.07	97.04	-3.04	-65.70	-13.53	-55.22	-23.39
		752	8.99	64.81	-127.50	-22.86	-39.83	95.78	-5.20	-72.34	-15.80	-61.73	-24.49
579	40	751	4.57	28.25	-69.00	-6.94	-33.80	46.73	-5.34	-45.54	-12.42	-38.46	-15.32
		760	4.67	30.76	-69.26	-5.51	-32.99	48.08	-3.34	-42.01	-9.97	-35.38	-14.58
		761	4.60	28.09	-70.98	-10.39	-32.50	48.28	-5.35	-44.52	-9.98	-39.89	-12.64
		752	4.51	25.57	-70.85	-12.02	-33.26	47.02	-6.63	-48.74	-11.71	-43.66	-13.71
579	72	751	4.23	25.22	-64.90	-6.38	-33.31	43.00	-5.53	-43.61	-12.09	-37.05	-14.38
		760	4.33	27.63	-65.21	-5.09	-32.50	44.35	-3.60	-40.26	-9.69	-34.18	-13.64
		761	4.26	25.07	-66.78	-9.71	-32.01	44.55	-5.50	-42.90	-9.70	-38.70	-11.81
		752	4.18	22.63	-66.59	-11.19	-32.77	43.29	-6.72	-46.92	-11.39	-42.25	-12.88
580	8	752	8.37	52.68	-127.72	-25.13	-49.90	89.34	-11.88	-83.43	-18.77	-76.54	-21.11
		761	8.48	56.79	-127.00	-21.07	-49.14	90.82	-9.02	-73.66	-15.86	-66.82	-19.88
		762	8.31	57.43	-125.97	-19.93	-48.60	90.57	-11.55	-74.68	-15.13	-71.09	-14.61
		753	8.25	53.81	-127.31	-24.15	-49.35	89.68	-13.90	-85.07	-17.52	-81.45	-15.64
580	40	752	4.24	19.52	-71.98	-13.32	-39.14	43.89	-9.58	-54.42	-13.12	-50.89	-12.08
		761	4.35	22.41	-72.23	-11.45	-38.37	45.37	-7.90	-48.74	-11.08	-45.56	-10.95
		762	4.39	22.19	-71.75	-11.72	-37.84	45.12	-9.19	-51.39	-10.68	-49.90	-7.79
		753	4.36	19.77	-72.11	-13.76	-38.58	44.23	-10.52	-57.54	-12.20	-55.86	-8.72
580	72	752	3.97	17.07	-67.81	-12.42	-38.32	40.41	-9.40	-52.16	-12.68	-48.88	-11.38
		761	4.06	19.85	-68.12	-10.71	-37.56	41.89	-7.80	-46.81	-10.71	-43.90	-10.26
		762	4.12	19.55	-67.67	-11.09	-37.02	41.64	-8.99	-49.58	-10.33	-48.24	-7.26
		753	4.09	17.23	-67.96	-12.96	-37.76	40.75	-10.25	-55.40	-11.78	-53.86	-8.18
581	8	753	7.85	41.17	-126.80	-26.61	-59.01	82.41	-18.70	-97.22	-20.33	-95.59	-11.19
		762	8.01	47.05	-127.42	-22.10	-58.27	85.34	-15.66	-83.35	-17.25	-81.76	-10.26
		763	8.05	52.68	-119.54	-9.12	-57.74	82.61	-16.79	-85.14	-16.95	-84.98	-3.35
		754	8.29	51.76	-123.87	-13.65	-58.46	84.91	-19.55	-99.12	-19.72	-98.95	-3.63
581	35	753	4.35	10.56	-64.93	-13.75	-40.62	35.27	-22.74	-113.57	-23.75	-112.55	-9.54
		762	4.41	14.91	-66.52	-11.72	-39.88	38.20	-20.23	-102.00	-21.14	-101.09	-8.59
		763	4.43	15.95	-62.10	-6.80	-39.35	35.47	-20.73	-104.39	-20.82	-104.30	-2.72
		754	4.67	16.37	-65.34	-8.91	-40.07	37.77	-23.01	-116.01	-23.11	-115.91	-3.04
581	67	753	4.11	8.72	-61.51	-12.99	-39.81	32.46	-21.41	-106.72	-22.36	-105.78	-8.92
		762	4.17	12.95	-63.14	-11.13	-39.06	35.39	-19.07	-95.95	-19.91	-95.11	-7.98
		763	4.18	13.69	-58.96	-6.73	-38.54	32.66	-19.54	-98.41	-19.62	-98.34	-2.51
		754	4.42	14.19	-62.12	-8.67	-39.25	34.96	-21.67	-109.23	-21.76	-109.14	-2.80
582	7	756	22.76	427.18	-3.76	417.93	5.49	62.44	161.19	-77.15	109.06	-25.03	-98.53
		765	22.64	431.53	-9.76	414.93	6.84	83.97	152.63	-70.83	42.87	38.93	-111.71
		764	9.87	149.03	-29.92	110.37	8.74	73.65	115.10	-51.60	36.90	26.60	-83.19
		755	9.04	143.58	-30.02	105.96	7.60	71.53	67.33	-78.93	29.08	-40.68	-64.27
582	39	756	12.78	229.60	-7.16	226.95	-4.50	24.93	105.47	-42.89	78.46	-15.89	-57.25
		765	12.65	232.49	-12.31	223.33	-3.15	46.46	78.67	-49.72	7.66	21.29	-63.83
		764	5.01	69.87	-19.61	51.51	-1.25	36.14	65.74	-32.18	20.97	12.59	-48.78
		755	4.37	64.93	-19.58	47.74	-2.40	34.02	37.61	-48.29	17.31	-27.99	-36.49
582	71	756	12.02	214.50	-7.48	212.29	-5.27	22.05	101.26	-40.32	76.12	-15.18	-54.10
		765	11.88	217.21	-12.51	208.62	-3.92	43.57	73.10	-48.19	4.96	19.96	-60.18
		764	4.64	63.79	-18.82	46.99	-2.01	33.25	61.98	-30.69	19.75	11.53	-46.15
		755	4.02	58.89	-18.78	43.27	-3.16	31.13	35.36	-45.95	16.41	-27.01	-34.37
583	8	755	11.23	177.19	-55.46	119.78	1.95	100.30	55.72	-57.06	29.93	-31.27	-47.36
		764	12.11	183.35	-61.05	119.49	2.81	107.37	71.59	-47.17	26.68	-2.26	-57.59
		766	10.98	154.16	-71.51	81.92	0.73	105.28	43.60	-45.16	6.52	-8.08	-43.78
		757	10.52	151.29	-70.16	81.35	-0.22	102.94	22.48	-58.99	2.56	-39.06	-35.02
583	40	755	5.54	85.87	-30.68	62.86	-7.68	46.39	33.60	-33.11	19.61	-19.12	-27.16
		764	6.31	91.39	-35.92	62.29	-6.82	53.46	40.19	-30.39	13.81	-4.01	-34.15
		766	5.57	73.74	-40.83	41.81	-8.90	51.37	23.66	-28.35	3.59	-8.28	-25.32
		757	5.21	71.19	-39.51	41.52	-9.84	49.03	12.23	-35.63	1.73	-25.13	-19.81
583	72	755	5.11	78.93	-28.86	58.49	-8.42	42.26	31.89	-31.31	18.81	-18.23	-25.60
		764	5.86	84.37	-34.03	57.90	-7.56	49.33	37.76	-29.11	12.82	-4.17	-32.34

		766	5.15	67.62	-38.53	38.73	-9.64	47.24	22.12	-27.07	3.35	-8.31	-23.89
		757	4.80	65.10	-37.22	38.46	-10.58	44.90	11.43	-33.87	1.67	-24.11	-18.63
584	8	757	11.22	158.83	-79.36	83.55	-4.07	110.74	29.64	-39.45	5.27	-15.08	-33.01
		766	11.56	161.94	-81.77	83.32	-3.15	113.92	28.70	-53.73	3.46	-28.49	-37.99
		767	11.01	134.35	-97.70	40.60	-3.95	113.87	23.22	-57.79	-1.95	-32.61	-37.49
		758	10.77	132.21	-96.29	40.70	-4.79	111.96	23.76	-44.95	-3.65	-17.54	-33.65
584	40	757	5.56	74.65	-44.36	43.06	-12.78	52.55	15.29	-25.50	3.17	-13.38	-18.64
		766	5.87	77.44	-46.64	42.66	-11.86	55.73	16.59	-32.63	2.01	-18.06	-22.47
		767	5.52	62.53	-53.88	21.31	-12.65	55.67	11.35	-34.99	-1.93	-21.71	-20.95
		758	5.32	60.61	-52.51	21.60	-13.50	53.77	9.59	-28.92	-3.54	-15.80	-18.25
584	72	757	5.13	68.26	-41.75	39.95	-13.45	48.09	14.20	-24.46	3.00	-13.26	-17.53
		766	5.44	71.00	-44.00	39.53	-12.53	51.27	15.63	-31.06	1.90	-17.33	-21.27
		767	5.10	57.08	-50.58	19.82	-13.32	51.22	10.41	-33.28	-1.93	-20.94	-19.67
		758	4.91	55.19	-49.22	20.13	-14.17	49.31	8.51	-27.72	-3.53	-15.68	-17.06
585	8	758	10.73	130.12	-98.74	41.02	-9.65	111.59	16.92	-60.43	-2.84	-40.67	-33.73
		767	10.98	132.53	-100.14	41.21	-8.81	113.61	21.33	-59.29	-1.80	-36.16	-36.46
		768	10.75	116.66	-112.26	13.29	-8.89	113.92	17.22	-59.28	-2.16	-39.91	-33.27
		759	10.57	114.60	-111.25	12.95	-9.60	112.36	13.92	-61.22	-3.34	-43.96	-31.61
585	40	758	5.30	59.29	-54.53	21.60	-16.85	53.56	6.96	-36.46	-3.10	-26.40	-18.32
		767	5.52	61.35	-55.96	21.41	-16.02	55.59	10.49	-35.81	-1.88	-23.44	-20.49
		768	5.36	52.67	-61.53	7.23	-16.09	55.90	6.74	-36.81	-3.06	-27.00	-18.19
		759	5.20	50.89	-60.42	7.28	-16.80	54.34	4.15	-38.17	-4.54	-29.48	-17.09
585	72	758	4.89	53.93	-51.23	20.11	-17.41	49.12	6.17	-34.67	-3.13	-25.37	-17.13
		767	5.11	55.95	-52.64	19.89	-16.57	51.14	9.63	-34.05	-1.90	-22.53	-19.25
		768	4.95	47.82	-57.71	6.76	-16.64	51.45	5.92	-35.13	-3.14	-26.07	-17.03
		759	4.79	46.08	-56.60	6.84	-17.36	49.89	3.37	-36.45	-4.64	-28.43	-15.97
586	8	759	10.14	106.54	-110.51	12.17	-16.14	107.60	25.19	-50.17	9.39	-34.36	-30.68
		768	10.30	108.97	-111.26	13.13	-15.43	109.19	27.65	-47.38	10.50	-30.23	-31.50
		769	10.23	99.21	-119.92	-5.55	-15.16	109.46	9.56	-53.22	-9.40	-34.26	-28.83
		760	10.11	96.94	-119.38	-6.66	-15.78	108.06	6.87	-56.70	-11.44	-38.39	-28.79
586	40	759	5.02	46.72	-61.00	6.69	-20.97	52.05	9.36	-33.48	1.38	-25.50	-16.67
		768	5.17	48.68	-62.00	6.94	-20.26	53.64	11.54	-31.70	2.79	-22.96	-17.37
		769	5.11	43.19	-66.01	-2.82	-20.00	53.92	1.30	-35.45	-7.23	-26.93	-15.51
		760	4.99	41.31	-65.15	-3.23	-20.62	52.52	-0.54	-37.87	-8.95	-29.46	-15.60
586	72	759	4.63	42.21	-57.29	6.27	-21.35	47.80	8.16	-32.17	0.78	-24.80	-15.59
		768	4.78	44.12	-58.30	6.46	-20.64	49.39	10.32	-30.48	2.22	-22.38	-16.27
		769	4.72	38.96	-61.95	-2.61	-20.37	49.67	0.70	-34.10	-7.06	-26.34	-14.48
		760	4.60	37.12	-61.08	-2.97	-20.99	48.26	-1.08	-36.43	-8.76	-28.75	-14.58
587	8	760	9.50	86.28	-117.42	-8.06	-23.08	101.57	0.11	-64.85	-13.95	-50.79	-26.75
		769	9.61	88.93	-117.71	-6.32	-22.46	103.00	3.35	-58.68	-11.39	-43.94	-26.40
		770	9.53	84.79	-121.58	-14.76	-22.03	103.12	-0.85	-58.85	-11.51	-48.19	-22.47
		761	9.44	82.19	-121.55	-16.75	-22.60	101.83	-3.28	-65.59	-13.63	-55.25	-23.19
587	40	760	4.71	35.88	-65.16	-4.11	-25.17	49.41	-3.42	-42.10	-10.12	-35.40	-14.64
		769	4.83	37.95	-65.90	-3.40	-24.54	50.84	-1.34	-38.38	-8.16	-31.55	-14.36
		770	4.76	35.38	-67.76	-8.26	-24.12	50.96	-4.05	-40.30	-8.51	-35.85	-11.90
		761	4.66	33.34	-67.20	-9.17	-24.69	49.67	-5.45	-44.48	-10.02	-39.91	-12.55
587	72	760	4.35	32.11	-61.24	-3.81	-25.33	45.42	-3.67	-40.35	-9.82	-34.20	-13.70
		769	4.47	34.12	-62.01	-3.18	-24.71	46.85	-1.67	-36.82	-7.91	-30.58	-13.42
		770	4.40	31.66	-63.70	-7.77	-24.28	46.96	-4.26	-38.89	-8.27	-34.88	-11.09
		761	4.30	29.67	-63.11	-8.59	-24.85	45.67	-5.59	-42.86	-9.74	-38.71	-11.72
588	8	761	8.76	68.46	-122.16	-18.52	-35.18	94.94	-9.26	-73.58	-15.98	-66.86	-19.67
		770	8.88	71.58	-122.22	-16.03	-34.61	96.45	-6.37	-64.22	-13.36	-57.23	-18.86
		771	8.71	71.87	-121.40	-15.42	-34.12	96.18	-9.38	-64.94	-12.96	-61.35	-13.65
		762	8.65	69.28	-121.96	-18.02	-34.65	95.26	-11.67	-74.60	-15.15	-71.11	-14.39
588	40	761	4.37	26.59	-68.50	-10.23	-31.69	46.32	-8.00	-48.71	-11.14	-45.58	-10.85
		770	4.49	28.98	-69.18	-9.08	-31.12	47.83	-6.34	-43.31	-9.39	-40.26	-10.17
		771	4.40	28.63	-68.79	-9.55	-30.62	47.56	-8.00	-45.83	-9.37	-44.46	-7.07
		762	4.35	26.75	-68.72	-10.81	-31.16	46.64	-9.24	-51.37	-10.69	-49.91	-7.69
588	72	761	4.03	23.46	-64.49	-9.59	-31.43	42.60	-7.89	-46.78	-10.76	-43.91	-10.17
		770	4.15	25.79	-65.20	-8.55	-30.86	44.11	-6.31	-41.69	-9.08	-38.93	-9.49
		771	4.11	25.37	-64.83	-9.10	-30.36	43.83	-7.87	-44.35	-9.09	-43.13	-6.56
		762	4.07	23.56	-64.72	-10.26	-30.90	42.91	-9.03	-49.56	-10.34	-48.26	-7.17
589	8	762	7.94	58.60	-119.10	-20.19	-40.30	88.28	-15.74	-83.31	-17.27	-81.78	-10.04
		771	8.19	63.47	-120.41	-17.18	-39.77	91.24	-12.94	-70.74	-14.52	-69.16	-9.43
		772	8.09	66.68	-113.24	-7.30	-39.26	88.53	-14.35	-72.87	-14.51	-72.70	-3.13
		763	8.33	67.65	-116.55	-9.12	-39.78	90.81	-16.79	-85.19	-16.96	-85.02	-3.35
589	40	762	4.23	20.77	-67.77	-12.06	-34.93	42.77	-11.02	-55.86	-11.72	-55.17	-5.55
		771	4.41	24.76	-69.75	-10.60	-34.39	45.73	-9.48	-48.97	-10.13	-48.32	-5.01
		772	4.33	24.94	-65.34	-6.52	-33.88	43.02	-10.30	-51.96	-10.35	-51.90	-1.52
		763	4.55	26.34	-68.19	-7.45	-34.40	45.30	-11.59	-58.52	-11.65	-58.46	-1.67
589	72	762	3.96	17.96	-63.93	-11.44	-34.52	39.29	-10.65	-53.71	-11.28	-53.08	-5.20
		771	4.14	21.86	-65.95	-10.10	-33.99	42.25	-9.20	-47.26	-9.78	-46.68	-4.67
		772	4.06	21.80	-61.75	-6.47	-33.48	39.53	-9.98	-50.31	-10.03	-50.27	-1.40
		763	4.27	23.23	-64.56	-7.33	-34.00	41.82	-11.18	-56.42	-11.23	-56.37	-1.54
590	4	765	7.89	110.62	-29.98	104.68	-24.04	28.28	24.60	-97.02	-69.94	-2.48	-50.60
		774	10.97	161.29	-61.30	118.76	-18.76	87.51	6.60	-65.24	-47.47	-11.17	-31.00
		773	8.90	142.13	-40.36	125.66	-23.89	52.28	41.03	-39.34	1.33	0.36	-40.18

		764	11.70	179.22	-51.36	143.68	-15.83	83.25	71.20	-57.94	4.96	8.30	-64.55
590	36	765	3.80	48.87	-23.63	48.47	-23.23	-5.39	13.72	-55.15	-42.79	1.36	-26.43
		774	6.38	89.16	-45.02	62.09	-17.95	53.85	4.47	-30.14	-19.85	-5.82	-15.82
		773	4.46	66.87	-26.93	63.02	-23.08	18.61	22.91	-25.18	-1.06	-1.21	-24.04
		764	6.96	102.42	-35.95	81.48	-15.02	49.59	43.04	-36.01	3.14	3.90	-39.53
590	68	765	3.56	45.08	-24.10	44.15	-23.17	-7.96	12.90	-51.96	-40.70	1.64	-24.56
		774	6.03	83.63	-43.78	57.74	-17.89	51.27	4.31	-27.47	-17.73	-5.44	-14.65
		773	4.13	61.26	-26.07	58.21	-23.02	16.04	21.51	-24.09	-1.24	-1.34	-22.80
		764	6.60	96.53	-34.78	76.70	-14.96	47.01	40.88	-34.32	3.00	3.55	-37.60
591	4	764	12.28	187.50	-59.74	131.31	-3.55	103.61	55.54	-53.78	5.17	-3.41	-54.49
		773	12.75	192.37	-68.55	132.59	-8.78	109.65	50.76	-48.47	3.43	-1.14	-49.56
		775	11.01	143.76	-80.86	68.96	-6.06	105.86	46.35	-50.85	1.09	-5.60	-48.48
		766	11.16	147.82	-79.39	73.97	-5.54	106.42	47.19	-52.44	1.59	-6.84	-49.63
591	36	764	6.18	90.21	-34.12	66.28	-10.20	49.01	32.09	-33.07	2.98	-3.96	-32.40
		773	6.73	96.25	-42.57	69.11	-15.43	55.05	28.48	-28.62	1.17	-1.30	-28.52
		775	5.57	68.10	-45.23	35.59	-12.71	51.26	25.19	-30.93	0.51	-6.25	-27.86
		766	5.67	71.23	-44.39	39.03	-12.19	51.83	24.88	-31.72	1.08	-7.91	-27.94
591	68	764	5.72	82.78	-32.21	61.29	-10.71	44.83	30.28	-31.48	2.81	-4.02	-30.69
		773	6.27	88.92	-40.62	64.24	-15.94	50.87	26.76	-27.09	1.00	-1.33	-26.90
		775	5.16	62.35	-42.55	33.02	-13.22	47.08	23.55	-29.41	0.46	-6.31	-26.26
		766	5.25	65.41	-41.76	36.35	-12.70	47.64	23.17	-30.14	1.04	-8.01	-26.27
592	8	766	11.42	152.90	-84.64	72.96	-4.69	112.24	31.60	-60.35	0.30	-29.05	-43.57
		775	11.71	154.66	-87.66	73.01	-6.01	114.53	40.47	-50.96	-0.32	-10.18	-45.45
		776	11.11	134.04	-98.71	40.65	-5.31	114.09	33.06	-47.94	-0.65	-14.23	-39.92
		767	10.90	133.02	-96.93	41.54	-5.45	112.55	24.45	-57.58	0.04	-33.17	-37.50
592	40	766	5.71	71.97	-46.99	37.64	-12.66	53.90	17.82	-35.70	0.32	-18.21	-25.11
		775	5.99	73.91	-49.90	37.98	-13.98	56.19	22.25	-30.82	-0.31	-8.25	-26.24
		776	5.59	62.33	-54.38	21.23	-13.28	55.74	16.64	-29.94	-1.07	-12.23	-22.61
		767	5.40	61.20	-52.79	21.83	-13.41	54.20	11.94	-34.91	-0.99	-21.98	-20.94
592	72	766	5.28	65.82	-44.17	34.93	-13.27	49.43	16.73	-33.85	0.32	-17.44	-23.68
		775	5.55	67.77	-47.07	35.29	-14.59	51.72	20.84	-29.28	-0.32	-8.12	-24.75
		776	5.17	56.88	-51.04	19.74	-13.89	51.27	15.37	-28.58	-1.11	-12.10	-21.28
		767	4.98	55.76	-49.47	20.32	-14.03	49.73	10.95	-33.22	-1.08	-21.19	-19.66
593	8	767	10.99	134.02	-98.83	42.02	-6.83	113.83	22.68	-59.07	0.24	-36.62	-36.48
		776	11.17	135.63	-100.65	41.84	-6.86	115.60	24.80	-57.92	0.45	-33.57	-37.70
		777	10.94	120.96	-111.52	15.97	-6.53	115.69	20.42	-58.20	-0.44	-37.33	-34.72
		768	10.79	119.45	-110.04	16.29	-6.88	114.16	18.50	-59.65	-1.10	-40.05	-33.87
593	40	767	5.45	61.16	-54.44	21.81	-15.09	54.77	11.14	-35.70	-0.93	-23.63	-20.49
		776	5.62	62.73	-56.19	21.67	-15.12	56.54	13.00	-34.70	-0.58	-21.12	-21.53
		777	5.45	54.61	-61.00	8.39	-14.79	56.63	9.05	-35.70	-1.76	-24.89	-19.16
		768	5.30	53.13	-59.60	8.67	-15.14	55.10	7.36	-36.99	-2.57	-27.06	-18.49
593	72	767	5.03	55.64	-51.11	20.26	-15.73	50.25	10.23	-33.95	-1.03	-22.69	-19.25
		776	5.20	57.20	-52.85	20.12	-15.76	52.02	12.07	-32.96	-0.66	-20.22	-20.28
		777	5.03	49.58	-57.20	7.81	-15.42	52.11	8.16	-34.02	-1.87	-24.00	-17.95
		768	4.88	48.11	-55.81	8.08	-15.77	50.57	6.49	-35.30	-2.69	-26.12	-17.30
594	8	768	10.47	114.46	-108.59	16.13	-10.25	110.74	14.14	-53.56	-8.98	-30.44	-32.10
		777	10.60	116.28	-109.86	16.36	-9.94	112.30	30.50	-43.70	11.22	-24.41	-32.54
		778	10.48	105.69	-119.27	-3.99	-9.59	112.45	12.08	-48.73	-8.14	-28.51	-28.65
		769	10.36	104.22	-117.91	-3.72	-9.98	111.02	9.00	-53.33	-9.97	-34.36	-28.68
594	40	768	5.17	50.33	-59.76	8.37	-17.80	53.47	4.76	-34.26	-6.45	-23.05	-17.66
		777	5.30	51.97	-61.08	8.37	-17.48	55.03	13.60	-29.26	3.61	-19.27	-18.12
		778	5.20	46.04	-65.32	-2.15	-17.13	55.17	2.91	-32.44	-6.16	-23.38	-15.44
		769	5.08	44.58	-64.03	-1.94	-17.52	53.74	1.01	-35.50	-7.52	-26.97	-15.45
594	72	768	4.77	45.49	-56.09	7.78	-18.38	49.08	4.06	-32.77	-6.25	-22.46	-16.54
		777	4.90	47.11	-57.41	7.76	-18.06	50.64	12.31	-28.13	3.04	-18.86	-17.00
		778	4.80	41.52	-61.25	-2.01	-17.71	50.78	2.24	-31.21	-6.00	-22.97	-14.41
		769	4.68	40.07	-59.98	-1.81	-18.10	49.36	0.44	-34.14	-7.32	-26.38	-14.42
595	8	769	9.80	95.96	-114.81	-4.16	-14.69	105.26	2.74	-58.77	-11.99	-44.05	-26.25
		778	9.92	97.34	-116.30	-4.65	-14.31	106.71	5.94	-52.47	-9.86	-36.67	-25.95
		779	9.81	94.89	-118.63	-9.86	-13.88	106.75	1.16	-52.03	-9.89	-40.98	-21.58
		770	9.71	92.93	-117.96	-10.77	-14.26	105.43	-1.30	-58.71	-11.77	-48.24	-22.16
595	40	769	4.82	40.22	-63.41	-2.36	-20.83	50.99	-1.64	-38.41	-8.46	-31.60	-14.29
		778	4.95	41.63	-64.74	-2.67	-20.44	52.44	0.30	-34.53	-6.96	-27.27	-14.14
		779	4.86	39.97	-65.92	-5.94	-20.02	52.47	-2.91	-36.12	-7.39	-31.65	-11.34
		770	4.75	38.26	-65.01	-6.35	-20.40	51.16	-4.26	-40.25	-8.64	-35.87	-11.76
595	72	769	4.45	36.03	-59.55	-2.23	-21.30	46.83	-1.95	-36.85	-8.18	-30.62	-13.36
		778	4.57	37.43	-60.87	-2.53	-20.92	48.28	-0.11	-33.16	-6.73	-26.53	-13.23
		779	4.49	35.82	-61.95	-5.64	-20.49	48.32	-3.18	-34.93	-7.19	-30.92	-10.54
		770	4.38	34.14	-61.03	-6.02	-20.87	47.00	-4.45	-38.85	-8.39	-34.90	-10.96
596	8	770	9.06	83.10	-114.97	-12.03	-19.85	98.96	-6.81	-64.10	-13.63	-57.28	-18.55
		779	9.17	85.52	-115.66	-10.67	-19.47	100.49	-4.02	-55.24	-11.35	-47.92	-17.93
		780	9.01	85.21	-115.31	-11.12	-18.99	100.18	-7.43	-55.87	-11.07	-52.23	-12.77
		771	8.95	83.35	-115.26	-12.56	-19.35	99.25	-9.58	-64.84	-13.04	-61.38	-13.39
596	40	770	4.45	33.11	-64.40	-7.17	-24.13	48.01	-6.54	-43.26	-9.52	-40.29	-10.02
		779	4.58	35.14	-65.43	-6.54	-23.75	49.54	-5.02	-38.10	-8.08	-35.04	-9.58
		780	4.46	34.50	-65.23	-7.47	-23.27	49.24	-6.97	-40.75	-8.27	-39.45	-6.51
		771	4.39	33.01	-64.82	-8.18	-23.63	48.30	-8.08	-45.80	-9.41	-44.48	-6.95

596	72	770	4.10	29.36	-60.61	-6.80	-24.46	44.11	-6.50	-41.66	-9.20	-38.95	-9.36
		779	4.23	31.35	-61.66	-6.23	-24.08	45.64	-5.07	-36.78	-7.82	-34.03	-8.93
		780	4.12	30.68	-61.47	-7.19	-23.60	45.33	-6.90	-39.59	-8.05	-38.44	-6.02
		771	4.04	29.22	-61.03	-7.85	-23.96	44.40	-7.94	-44.33	-9.12	-43.15	-6.45
597	8	771	8.30	73.19	-113.04	-14.32	-25.54	92.94	-13.10	-70.69	-14.60	-69.19	-9.17
		780	8.54	77.33	-114.94	-12.43	-25.18	95.92	-10.56	-59.39	-12.18	-57.77	-8.74
		781	8.24	79.49	-108.10	-3.93	-24.68	93.22	-12.18	-62.00	-12.35	-61.83	-2.91
		772	8.46	79.74	-112.08	-7.30	-25.03	95.50	-14.35	-72.89	-14.52	-72.72	-3.13
597	40	771	4.19	27.25	-64.13	-9.24	-27.65	44.76	-9.55	-48.96	-10.16	-48.34	-4.89
		780	4.40	30.87	-66.47	-8.31	-27.29	47.73	-8.21	-42.82	-8.82	-42.21	-4.55
		781	4.29	30.51	-62.18	-4.89	-26.79	45.03	-9.20	-46.37	-9.25	-46.31	-1.40
		772	4.50	31.59	-65.25	-6.52	-27.14	47.31	-10.30	-51.98	-10.36	-51.93	-1.52
597	72	771	3.91	23.82	-60.48	-8.85	-27.81	41.07	-9.26	-47.25	-9.82	-46.70	-4.56
		780	4.11	27.38	-62.83	-8.00	-27.45	44.04	-8.01	-41.52	-8.55	-40.98	-4.23
		781	4.01	26.82	-58.73	-4.96	-26.95	41.34	-8.96	-45.13	-9.00	-45.09	-1.28
		772	4.21	27.96	-61.73	-6.47	-27.31	43.62	-9.98	-50.34	-10.03	-50.29	-1.40
598	8	774	6.60	100.43	-31.16	89.19	-19.93	36.77	30.79	-37.37	-9.55	2.97	-33.50
		783	10.35	145.47	-68.38	95.72	-18.62	90.36	35.64	-41.17	-6.46	0.93	-38.23
		782	7.90	113.54	-41.91	91.72	-20.08	54.00	38.11	-52.84	-11.61	-3.11	-45.28
		773	9.43	134.13	-57.68	96.32	-19.86	76.31	31.96	-47.10	-12.97	-2.17	-39.16
598	40	774	2.93	43.27	-19.60	43.16	-19.50	2.55	17.93	-20.31	-3.60	1.22	-18.97
		783	6.21	80.91	-50.00	49.10	-18.20	56.15	20.96	-21.44	-0.94	0.46	-21.19
		782	3.86	52.49	-25.08	47.06	-19.66	19.79	23.91	-31.44	-4.53	-3.00	-27.67
		773	5.38	71.70	-38.88	52.24	-19.43	42.10	19.61	-28.30	-6.15	-2.55	-23.88
598	72	774	2.70	39.63	-19.47	39.63	-19.47	-0.06	16.93	-19.02	-3.17	1.08	-17.85
		783	5.89	75.97	-48.61	45.52	-18.16	53.53	19.82	-19.94	-0.54	0.42	-19.87
		782	3.56	47.99	-23.99	43.63	-19.62	17.17	22.83	-29.80	-3.98	-2.99	-26.31
		773	5.07	66.92	-37.46	48.86	-19.40	39.49	18.66	-26.86	-5.62	-2.58	-22.71
599	8	773	10.60	144.41	-68.85	94.00	-18.43	90.61	36.13	-59.91	-19.33	-4.45	-47.44
		782	11.00	149.84	-73.72	93.71	-17.60	96.94	35.00	-56.88	-17.79	-4.09	-45.42
		784	10.10	127.41	-78.21	66.30	-17.09	93.97	35.39	-54.05	-12.83	-5.84	-44.58
		775	10.32	129.98	-79.40	66.63	-16.04	96.18	36.67	-57.20	-12.72	-7.81	-46.87
599	40	773	5.36	68.62	-39.51	49.10	-19.99	41.59	21.26	-33.85	-9.16	-3.44	-27.41
		782	5.75	73.32	-43.98	48.49	-19.15	47.91	21.41	-32.07	-7.43	-3.23	-26.66
		784	5.15	60.29	-44.24	34.70	-18.65	44.95	20.36	-31.66	-5.97	-5.33	-26.01
		775	5.33	62.96	-45.20	35.35	-17.60	47.16	20.43	-33.65	-6.05	-7.17	-27.04
599	72	773	4.96	62.90	-37.35	45.65	-20.11	37.83	20.10	-31.86	-8.39	-3.37	-25.86
		782	5.35	67.49	-41.75	45.01	-19.27	44.16	20.36	-30.18	-6.65	-3.18	-25.21
		784	4.77	55.21	-41.71	32.27	-18.77	41.20	19.19	-29.96	-5.46	-5.31	-24.57
		775	4.95	57.87	-42.64	32.95	-17.72	43.41	19.17	-31.86	-5.56	-7.13	-25.51
600	8	775	11.29	145.66	-86.79	68.96	-10.08	109.30	31.66	-56.47	-14.47	-10.34	-44.02
		784	11.39	146.27	-88.79	68.01	-10.53	110.77	32.63	-54.63	-13.89	-8.10	-43.54
		785	10.84	127.60	-99.09	38.07	-9.57	110.81	36.26	-45.65	1.99	-11.38	-40.41
		776	10.82	127.41	-97.62	39.21	-9.42	109.85	27.33	-54.16	-12.64	-14.19	-40.74
600	40	775	5.69	68.41	-48.48	35.88	-15.95	52.38	17.85	-33.17	-6.92	-8.40	-25.50
		784	5.81	69.23	-50.27	35.35	-16.39	53.86	19.03	-31.88	-6.41	-6.45	-25.46
		785	5.45	58.99	-54.46	19.96	-15.44	53.89	18.97	-28.32	0.40	-9.75	-23.10
		776	5.40	58.59	-53.22	20.66	-15.29	52.94	13.69	-32.60	-6.71	-12.20	-22.98
600	72	775	5.26	62.55	-45.62	33.34	-16.41	48.02	16.77	-31.40	-6.36	-8.27	-24.07
		784	5.38	63.38	-47.38	32.85	-16.85	49.50	17.97	-30.16	-5.85	-6.33	-24.06
		785	5.04	53.79	-51.11	18.57	-15.89	49.54	17.63	-27.00	0.27	-9.64	-21.76
		776	4.99	53.38	-49.88	19.24	-15.74	48.58	12.64	-30.97	-6.28	-12.06	-21.61
601	8	776	10.99	131.46	-99.35	40.16	-8.05	112.86	15.03	-64.23	-15.28	-33.92	-38.52
		785	11.15	132.38	-100.95	39.58	-8.15	114.19	27.49	-50.35	-13.97	-8.88	-38.84
		786	10.88	120.38	-109.91	18.02	-7.55	114.43	21.12	-48.11	-14.19	-12.80	-34.61
		777	10.74	119.28	-108.34	18.63	-7.69	113.05	9.57	-62.71	-15.65	-37.50	-34.45
601	40	776	5.47	59.84	-54.69	20.86	-15.71	54.27	8.23	-37.54	-8.01	-21.29	-21.90
		785	5.62	60.83	-56.15	20.50	-15.82	55.60	14.50	-30.17	-7.14	-8.53	-22.33
		786	5.43	54.21	-60.14	9.29	-15.22	55.84	9.25	-29.59	-7.92	-12.41	-19.29
		777	5.28	53.04	-58.72	9.68	-15.36	54.46	3.68	-37.60	-8.95	-24.96	-19.03
601	72	776	5.05	54.42	-51.34	19.38	-16.30	49.78	7.68	-35.53	-7.48	-20.38	-20.62
		785	5.20	55.41	-52.79	19.03	-16.41	51.12	13.49	-28.65	-6.64	-8.53	-21.05
		786	5.02	49.19	-56.38	8.61	-15.81	51.36	8.34	-28.20	-7.46	-12.40	-18.11
		777	4.87	48.02	-54.98	8.99	-15.95	49.97	3.20	-35.72	-8.46	-24.06	-17.83
602	8	777	10.54	117.42	-106.89	18.99	-8.46	111.31	16.47	-50.00	-8.84	-24.69	-32.27
		786	10.66	118.72	-108.35	18.71	-8.33	112.73	19.74	-45.69	-7.29	-18.66	-32.22
		787	10.51	110.89	-115.16	3.61	-7.89	112.88	13.94	-44.17	-7.38	-22.84	-28.01
		778	10.39	109.49	-113.77	3.82	-8.10	111.47	11.23	-48.79	-8.93	-28.63	-28.34
602	40	777	5.20	51.65	-58.80	9.64	-16.79	53.62	6.55	-31.87	-5.92	-19.40	-17.99
		786	5.33	52.94	-60.18	9.41	-16.66	55.04	8.76	-29.03	-4.83	-15.44	-18.14
		787	5.21	48.49	-63.29	1.42	-16.21	55.19	4.17	-29.34	-5.46	-19.70	-15.17
		778	5.09	47.10	-61.96	1.57	-16.42	53.78	2.48	-32.46	-6.54	-23.44	-15.29
602	72	777	4.80	46.68	-55.19	8.92	-17.43	49.21	5.81	-30.47	-5.68	-18.98	-16.88
		786	4.93	47.96	-56.56	8.70	-17.30	50.62	7.94	-27.75	-4.64	-15.18	-17.05
		787	4.81	43.77	-59.38	1.25	-16.85	50.77	3.46	-28.22	-5.31	-19.45	-14.17
		778	4.69	42.38	-58.06	1.39	-17.06	49.37	1.85	-31.22	-6.35	-23.02	-14.28
603	8	778	9.93	103.60	-110.59	3.57	-10.57	106.86	5.05	-52.51	-10.65	-36.80	-25.64

		787	10.04	105.19	-111.84	3.71	-10.36	108.29	8.22	-46.18	-8.75	-29.20	-25.20
		788	9.91	100.60	-116.01	-5.49	-9.93	108.28	2.98	-45.20	-8.47	-33.75	-20.51
		779	9.81	99.06	-114.90	-5.70	-10.14	106.96	0.55	-51.78	-10.20	-41.03	-21.14
603	40	778	4.87	43.81	-61.24	1.23	-18.66	51.58	-0.14	-34.54	-7.35	-27.33	-14.00
		787	5.00	45.31	-62.52	1.26	-18.46	53.01	1.71	-30.55	-6.10	-22.73	-13.82
		788	4.89	42.54	-64.40	-3.84	-18.02	53.00	-1.92	-31.93	-6.46	-27.39	-10.75
		779	4.78	41.07	-63.26	-3.95	-18.23	51.67	-3.19	-36.03	-7.54	-31.68	-11.13
603	72	778	4.49	39.31	-57.54	1.05	-19.29	47.34	-0.51	-33.16	-7.09	-26.58	-13.10
		787	4.61	40.79	-58.81	1.07	-19.08	48.77	1.24	-29.36	-5.90	-22.22	-12.94
		788	4.51	38.15	-60.52	-3.72	-18.65	48.77	-2.24	-30.95	-6.30	-26.89	-10.00
		779	4.40	36.70	-59.37	-3.82	-18.86	47.44	-3.43	-34.84	-7.33	-30.95	-10.35
604	8	779	9.24	91.27	-111.63	-6.48	-13.88	101.38	-4.59	-55.02	-11.64	-47.97	-17.49
		788	9.35	93.17	-112.81	-5.97	-13.67	102.92	-1.91	-46.79	-9.61	-39.09	-16.92
		789	9.19	92.36	-112.87	-7.31	-13.19	102.57	-5.71	-47.51	-9.39	-43.83	-11.84
		780	9.13	90.99	-112.35	-7.97	-13.40	101.63	-7.69	-55.73	-11.16	-52.25	-12.44
604	40	779	4.51	36.84	-62.45	-4.53	-21.08	48.95	-5.28	-38.01	-8.23	-35.07	-9.37
		788	4.64	38.59	-63.75	-4.28	-20.87	50.49	-3.88	-33.12	-7.00	-30.00	-9.02
		789	4.52	37.68	-63.69	-5.61	-20.39	50.14	-6.08	-36.09	-7.32	-34.85	-5.98
		780	4.44	36.47	-63.03	-5.96	-20.60	49.21	-7.07	-40.71	-8.32	-39.46	-6.35
604	72	779	4.15	32.75	-58.77	-4.39	-21.64	44.94	-5.30	-36.71	-7.96	-34.05	-8.74
		788	4.28	34.48	-60.07	-4.16	-21.43	46.48	-4.00	-32.08	-6.79	-29.29	-8.41
		789	4.17	33.56	-59.99	-5.49	-20.94	46.13	-6.07	-35.23	-7.16	-34.14	-5.53
		780	4.09	32.36	-59.32	-5.81	-21.15	45.19	-7.00	-39.56	-8.09	-38.46	-5.88
605	8	780	8.55	82.57	-110.01	-9.26	-18.18	96.18	-10.77	-59.30	-12.27	-57.80	-8.40
		789	8.80	86.20	-112.37	-8.20	-17.97	99.16	-8.52	-49.36	-10.17	-47.71	-8.03
		790	8.42	86.57	-106.90	-2.88	-17.45	96.46	-10.31	-52.58	-10.48	-52.42	-2.65
		781	8.64	88.18	-109.79	-3.93	-17.68	98.75	-12.18	-62.01	-12.35	-61.84	-2.91
605	40	780	4.21	31.49	-62.23	-6.79	-23.94	46.07	-8.29	-42.79	-8.86	-42.22	-4.39
		789	4.43	34.83	-64.81	-6.25	-23.73	49.05	-7.13	-37.37	-7.71	-36.79	-4.14
		790	4.31	33.51	-61.08	-4.35	-23.21	46.34	-8.26	-41.60	-8.30	-41.55	-1.26
		781	4.51	35.35	-63.67	-4.89	-23.44	48.63	-9.20	-46.38	-9.25	-46.32	-1.40
605	72	780	3.92	27.66	-58.65	-6.61	-24.39	42.23	-8.09	-41.50	-8.59	-40.99	-4.08
		789	4.13	30.97	-61.25	-6.10	-24.18	45.21	-7.01	-36.44	-7.51	-35.93	-3.83
		790	4.01	29.51	-57.64	-4.47	-23.66	42.51	-8.09	-40.73	-8.13	-40.69	-1.15
		781	4.21	31.36	-60.21	-4.96	-23.88	44.80	-8.96	-45.14	-9.01	-45.10	-1.28
606	8	783	6.25	88.11	-32.97	73.12	-17.98	39.88	33.52	-46.76	-12.58	-0.66	-39.69
		792	9.95	131.24	-73.60	75.45	-17.82	91.19	32.88	-44.89	-11.73	-0.28	-38.46
		791	7.17	95.65	-44.06	69.44	-17.85	54.54	39.02	-49.59	-9.16	-1.41	-44.14
		782	8.72	112.56	-62.00	69.00	-18.44	75.54	37.19	-51.01	-10.68	-3.14	-43.94
606	40	783	2.72	38.09	-18.61	37.56	-18.08	5.47	20.27	-24.58	-3.91	-0.41	-22.36
		792	6.06	74.34	-52.86	39.40	-17.92	56.77	20.25	-23.62	-3.21	-0.16	-21.89
		791	3.47	43.37	-24.56	36.77	-17.96	20.13	25.71	-29.98	-2.73	-1.54	-27.84
		782	4.92	58.71	-40.44	36.81	-18.54	41.13	23.38	-30.40	-4.10	-2.93	-26.88
606	72	783	2.50	34.98	-18.24	34.83	-18.09	2.84	19.25	-22.89	-3.25	-0.39	-21.02
		792	5.77	69.98	-51.28	36.63	-17.93	54.14	19.29	-22.00	-2.56	-0.15	-20.61
		791	3.20	39.57	-23.29	34.25	-17.97	17.50	24.69	-28.48	-2.24	-1.55	-26.58
		782	4.63	54.60	-38.81	34.34	-18.55	38.50	22.31	-28.83	-3.60	-2.91	-25.57
607	8	782	9.42	120.72	-69.56	69.49	-18.32	84.40	37.24	-52.00	-11.12	-3.64	-44.46
		791	9.96	127.04	-74.90	69.56	-17.41	91.13	39.64	-51.79	-9.91	-2.25	-45.56
		793	9.38	113.33	-76.11	54.19	-16.97	87.79	35.60	-53.45	-13.76	-4.09	-44.27
		784	9.50	114.89	-77.73	54.39	-17.23	89.40	33.39	-54.24	-14.53	-6.33	-43.62
607	40	782	4.71	56.01	-38.90	36.74	-19.63	38.18	22.64	-29.89	-4.31	-2.94	-26.26
		791	5.22	61.60	-43.83	36.50	-18.72	44.91	24.91	-29.89	-3.18	-1.80	-27.39
		793	4.76	52.86	-42.56	28.58	-18.28	41.56	21.49	-31.09	-5.96	-3.64	-26.27
		784	4.88	54.60	-44.04	29.10	-18.54	43.18	19.41	-31.76	-6.73	-5.63	-25.58
607	72	782	4.36	51.16	-36.66	34.23	-19.73	34.64	21.50	-28.21	-3.80	-2.91	-24.85
		791	4.86	56.63	-41.50	33.95	-18.82	41.37	23.76	-28.22	-2.68	-1.78	-25.99
		793	4.41	48.30	-40.07	26.61	-18.38	38.03	20.40	-29.39	-5.37	-3.62	-24.88
		784	4.53	50.04	-41.53	27.16	-18.64	39.64	18.32	-30.06	-6.15	-5.59	-24.19
608	8	784	10.55	129.29	-87.78	55.75	-14.24	102.74	30.73	-54.61	-15.60	-8.28	-42.51
		793	10.66	130.42	-89.19	55.05	-13.82	104.27	32.45	-52.43	-14.50	-5.47	-42.20
		794	10.33	118.33	-96.33	35.11	-13.11	104.59	28.36	-50.02	-13.57	-8.09	-39.10
		785	10.27	117.78	-95.38	35.64	-13.24	103.74	26.69	-52.70	-14.50	-11.51	-39.67
608	40	784	5.30	59.86	-48.62	29.41	-18.18	48.74	18.08	-31.86	-7.22	-6.56	-24.97
		793	5.42	60.87	-49.89	28.74	-17.76	50.26	19.93	-30.51	-6.30	-4.28	-25.20
		794	5.20	54.23	-52.95	18.34	-17.05	50.58	15.90	-29.53	-6.62	-7.01	-22.72
		785	5.13	53.73	-52.07	18.85	-17.18	49.73	14.16	-31.38	-7.39	-9.82	-22.74
608	72	784	4.91	54.61	-45.70	27.39	-18.48	44.60	17.09	-30.13	-6.59	-6.44	-23.61
		793	5.02	55.60	-46.95	26.72	-18.07	46.13	18.96	-28.85	-5.68	-4.21	-23.89
		794	4.81	49.38	-49.69	17.05	-17.36	46.45	14.93	-27.98	-6.11	-6.94	-21.45
		785	4.74	48.88	-48.82	17.56	-17.49	45.60	13.19	-29.77	-6.87	-9.71	-21.43
609	8	785	10.73	125.39	-98.76	37.04	-10.40	109.54	25.86	-50.70	-16.27	-8.57	-38.09
		794	10.81	126.14	-100.19	36.17	-10.21	110.76	26.76	-49.11	-14.89	-7.47	-37.75
		795	10.59	116.62	-107.63	18.67	-9.67	111.23	21.19	-46.12	-13.57	-11.37	-33.63
		786	10.49	115.65	-106.07	19.37	-9.80	109.90	20.40	-47.99	-14.92	-12.67	-34.17
609	40	785	5.35	56.62	-54.25	19.27	-16.90	52.40	13.64	-30.28	-8.25	-8.39	-21.96
		794	5.44	57.42	-55.51	18.63	-16.71	53.63	15.07	-29.06	-7.25	-6.74	-22.06

		795	5.29	52.24	-58.94	9.46	-16.17	54.09	10.10	-27.99	-7.30	-10.59	-18.97
		786	5.18	51.19	-57.55	9.94	-16.29	52.76	8.87	-29.50	-8.29	-12.34	-19.08
609	72	785	4.94	51.42	-50.92	17.91	-17.40	48.03	12.69	-28.74	-7.66	-8.39	-20.71
		794	5.03	52.22	-52.15	17.28	-17.21	49.26	14.16	-27.54	-6.68	-6.70	-20.85
		795	4.88	47.36	-55.27	8.75	-16.67	49.72	9.24	-26.62	-6.84	-10.54	-17.84
		786	4.78	46.31	-53.90	9.21	-16.80	48.39	7.99	-28.12	-7.80	-12.34	-17.91
610	8	786	10.42	116.31	-105.22	20.04	-8.95	109.81	13.66	-49.91	-17.40	-18.85	-31.78
		795	10.58	117.40	-106.76	19.45	-8.81	111.18	36.88	-34.32	-15.54	18.11	-31.37
		796	10.39	110.85	-112.46	6.79	-8.40	111.39	29.61	-30.54	-14.10	13.17	-26.80
		787	10.26	109.61	-110.92	7.19	-8.50	109.99	8.24	-47.03	-15.87	-22.92	-27.41
610	40	786	5.15	50.96	-57.87	10.05	-16.96	52.71	5.66	-30.69	-9.50	-15.53	-17.92
		795	5.31	52.08	-59.27	9.64	-16.82	54.08	16.15	-21.37	-8.26	3.05	-17.88
		796	5.17	48.39	-61.90	2.89	-16.41	54.29	10.04	-19.95	-8.21	-1.71	-14.64
		787	5.02	47.10	-60.48	3.13	-16.51	52.89	1.20	-30.31	-9.37	-19.74	-14.88
610	72	786	4.75	46.02	-54.32	9.28	-17.57	48.34	5.06	-29.24	-8.91	-15.27	-16.85
		795	4.91	47.14	-55.70	8.88	-17.44	49.71	14.63	-20.41	-7.72	1.94	-16.84
		796	4.78	43.66	-58.09	2.59	-17.03	49.92	8.63	-19.21	-7.77	-2.80	-13.70
		787	4.62	42.37	-56.68	2.81	-17.13	48.51	0.70	-29.07	-8.89	-19.49	-13.91
611	8	787	9.90	106.08	-108.08	7.29	-9.29	106.76	7.22	-45.86	-9.35	-29.29	-24.60
		796	10.01	107.45	-109.54	7.10	-9.19	108.19	10.30	-39.95	-7.51	-22.13	-24.04
		797	9.87	103.60	-112.85	-0.48	-8.77	108.15	4.61	-38.77	-7.07	-27.09	-19.24
		788	9.77	102.25	-111.55	-0.44	-8.85	106.82	2.33	-44.81	-8.69	-33.78	-19.96
611	40	787	4.85	44.90	-59.88	2.97	-17.95	51.34	1.23	-30.40	-6.40	-22.77	-13.53
		796	4.97	46.27	-61.28	2.84	-17.85	52.77	3.09	-26.56	-5.20	-18.27	-13.31
		797	4.86	43.89	-62.77	-1.44	-17.43	52.73	-0.97	-27.92	-5.56	-23.34	-10.12
		788	4.75	42.54	-61.50	-1.45	-17.51	51.40	-2.20	-31.77	-6.57	-27.41	-10.49
611	72	787	4.47	40.29	-56.27	2.63	-18.62	47.10	0.79	-29.23	-6.17	-22.26	-12.67
		796	4.59	41.65	-57.66	2.51	-18.52	48.53	2.56	-25.55	-5.02	-17.97	-12.48
		797	4.48	39.38	-59.00	-1.51	-18.10	48.48	-1.35	-27.13	-5.44	-23.05	-9.41
		788	4.37	38.03	-57.74	-1.53	-18.18	47.15	-2.50	-30.81	-6.40	-26.91	-9.76
612	8	788	9.29	96.52	-108.41	-0.85	-11.04	102.34	-2.50	-46.43	-9.81	-39.12	-16.36
		797	9.41	98.22	-109.80	-0.62	-10.96	103.88	0.10	-39.03	-7.92	-31.01	-15.79
		798	9.24	96.65	-110.42	-3.31	-10.47	103.48	-4.20	-40.01	-7.84	-36.37	-10.83
		789	9.18	95.56	-109.66	-3.55	-10.55	102.55	-5.97	-47.30	-9.43	-43.84	-11.44
612	40	788	4.52	39.26	-60.73	-1.85	-19.62	49.20	-4.14	-32.98	-7.10	-30.02	-8.76
		797	4.65	40.89	-62.15	-1.72	-19.54	50.74	-2.78	-28.44	-5.96	-25.26	-8.46
		798	4.52	39.57	-62.28	-3.66	-19.04	50.34	-5.30	-31.88	-6.46	-30.71	-5.44
		789	4.45	38.52	-61.48	-3.83	-19.13	49.41	-6.18	-36.03	-7.35	-34.86	-5.79
612	72	788	4.16	34.95	-57.16	-1.93	-20.28	45.13	-4.23	-31.96	-6.89	-29.30	-8.17
		797	4.29	36.57	-58.58	-1.80	-20.20	46.68	-2.96	-27.66	-5.81	-24.81	-7.89
		798	4.17	35.26	-58.66	-3.69	-19.71	46.27	-5.34	-31.28	-6.35	-30.27	-5.02
		789	4.09	34.22	-57.86	-3.85	-19.79	45.35	-6.16	-35.17	-7.19	-34.15	-5.35
613	8	789	8.68	89.08	-107.12	-4.21	-13.84	97.98	-8.72	-49.22	-10.21	-47.73	-7.63
		798	8.93	92.31	-109.82	-3.77	-13.75	100.94	-6.76	-40.78	-8.40	-39.14	-7.27
		799	8.57	90.62	-106.12	-2.32	-13.19	98.22	-8.77	-44.81	-8.93	-44.65	-2.36
		790	8.78	92.58	-108.78	-2.88	-13.32	100.54	-10.31	-52.59	-10.48	-52.42	-2.65
613	40	789	4.22	34.44	-60.56	-4.36	-21.76	46.70	-7.21	-37.33	-7.73	-36.80	-3.95
		798	4.44	37.54	-63.31	-4.10	-21.67	49.66	-6.20	-32.65	-6.74	-32.12	-3.72
		799	4.30	35.11	-60.29	-4.07	-21.11	46.94	-7.49	-37.71	-7.53	-37.67	-1.11
		790	4.51	37.18	-62.77	-4.35	-21.24	49.26	-8.26	-41.60	-8.30	-41.56	-1.26
613	72	789	3.92	30.33	-57.08	-4.38	-22.37	42.77	-7.07	-36.40	-7.54	-35.94	-3.66
		798	4.14	33.42	-59.83	-4.12	-22.28	45.73	-6.14	-32.03	-6.61	-31.56	-3.45
		799	3.99	30.93	-56.86	-4.20	-21.72	43.01	-7.39	-37.15	-7.42	-37.12	-1.01
		790	4.20	33.00	-59.32	-4.47	-21.85	45.33	-8.09	-40.74	-8.13	-40.69	-1.15
614	8	792	5.63	72.51	-35.53	54.51	-17.53	40.26	33.75	-44.03	-10.15	-0.13	-38.57
		801	9.50	116.85	-78.38	56.07	-17.60	90.40	34.89	-43.57	-9.12	0.43	-38.94
		800	6.69	81.10	-46.46	51.60	-16.97	53.78	40.35	-51.26	-11.06	0.15	-45.46
		791	8.25	98.23	-65.74	50.07	-17.58	74.68	37.05	-51.10	-12.30	-1.75	-43.76
614	40	792	2.39	30.70	-18.50	29.93	-17.73	6.10	21.03	-23.45	-2.33	-0.09	-22.21
		801	5.87	67.96	-54.69	31.08	-17.80	56.25	22.02	-23.25	-1.42	0.18	-22.62
		800	3.19	35.67	-24.46	28.37	-17.17	19.63	27.73	-30.99	-3.17	-0.10	-29.32
		791	4.68	51.09	-41.62	27.25	-17.78	40.52	24.59	-30.62	-4.31	-1.72	-27.58
614	72	792	2.19	28.30	-18.01	28.04	-17.75	3.49	20.05	-21.88	-1.74	-0.09	-20.95
		801	5.60	64.22	-52.88	29.16	-17.82	53.64	21.03	-21.70	-0.83	0.16	-21.36
		800	2.94	32.43	-23.02	26.59	-17.18	17.02	26.76	-29.44	-2.57	-0.12	-28.07
		791	4.41	47.51	-39.81	25.50	-17.80	37.91	23.63	-29.06	-3.70	-1.72	-26.33
615	8	791	8.82	104.56	-71.64	50.83	-17.91	81.12	37.94	-53.29	-12.87	-2.49	-45.32
		800	9.36	111.04	-77.00	51.21	-17.17	87.58	40.78	-51.80	-11.42	0.41	-45.91
		802	8.87	101.75	-76.50	41.85	-16.61	84.20	37.83	-50.16	-12.05	-0.28	-43.60
		793	8.97	102.83	-77.99	42.06	-17.23	85.41	34.94	-52.47	-13.42	-4.11	-43.46
615	40	791	4.39	47.60	-38.99	27.63	-19.02	36.48	24.04	-30.56	-4.61	-1.91	-27.27
		800	4.91	53.46	-43.98	27.77	-18.28	42.94	26.71	-29.95	-3.44	0.20	-28.27
		802	4.49	46.62	-42.03	22.31	-17.72	39.55	23.87	-29.19	-4.68	-0.64	-26.45
		793	4.58	47.87	-43.44	22.77	-18.34	40.77	21.20	-30.66	-5.80	-3.66	-25.90
615	72	791	4.05	43.35	-36.61	25.85	-19.10	33.06	22.96	-28.83	-3.98	-1.88	-25.87
		800	4.57	49.11	-41.52	25.96	-18.37	39.52	25.62	-28.28	-2.84	0.17	-26.91
		802	4.16	42.47	-39.47	20.80	-17.80	36.14	22.78	-27.60	-4.13	-0.68	-25.13

		793	4.25	43.73	-40.87	21.28	-18.42	37.36	20.13	-29.00	-5.23	-3.64	-24.55
616	8	793	9.91	115.46	-88.08	42.95	-15.56	97.47	31.82	-51.33	-14.00	-5.51	-41.36
		802	10.05	116.93	-89.53	42.29	-14.89	99.19	34.85	-48.72	-12.49	-1.38	-41.41
		803	9.84	109.76	-94.42	29.77	-14.43	99.67	29.94	-46.07	-12.52	-3.61	-37.74
		794	9.76	108.98	-93.37	30.41	-14.80	98.62	27.14	-49.27	-13.97	-8.16	-38.09
616	40	793	4.96	52.47	-48.11	22.96	-18.60	45.79	19.63	-30.00	-6.06	-4.31	-24.80
		802	5.10	53.76	-49.41	22.28	-17.93	47.51	22.36	-28.40	-4.88	-1.16	-25.31
		803	4.95	49.71	-51.75	15.43	-17.47	47.99	17.77	-26.96	-5.66	-3.53	-22.34
		794	4.87	49.04	-50.78	16.10	-17.84	46.94	15.30	-29.18	-6.82	-7.05	-22.24
616	72	793	4.59	47.73	-45.13	21.42	-18.83	41.84	18.68	-28.38	-5.47	-4.23	-23.52
		802	4.72	48.99	-46.41	20.74	-18.16	43.55	21.38	-26.85	-4.31	-1.16	-24.07
		803	4.58	45.17	-48.54	14.33	-17.70	44.03	16.82	-25.51	-5.15	-3.54	-21.15
		794	4.50	44.51	-47.59	15.00	-18.07	42.98	14.38	-27.66	-6.30	-6.98	-21.02
617	8	794	10.28	116.93	-97.88	31.46	-12.41	105.14	25.67	-48.21	-15.11	-7.44	-36.74
		803	10.37	117.89	-99.37	30.55	-12.03	106.53	27.59	-45.32	-13.38	-4.35	-36.17
		804	10.20	111.41	-104.94	18.20	-11.73	107.13	22.03	-41.96	-11.90	-8.03	-31.93
		795	10.10	110.29	-103.33	18.83	-11.87	105.70	20.30	-45.21	-13.56	-11.34	-32.74
617	40	794	5.11	52.12	-53.50	16.37	-17.76	49.98	14.53	-28.63	-7.37	-6.73	-21.58
		803	5.22	53.06	-54.83	15.60	-17.38	51.36	16.60	-26.61	-6.06	-3.94	-21.58
		804	5.10	49.58	-57.60	9.05	-17.07	51.97	11.45	-25.20	-6.04	-7.71	-18.31
		795	4.99	48.44	-56.11	9.54	-17.21	50.54	9.67	-27.56	-7.31	-10.58	-18.54
617	72	794	4.72	47.23	-50.18	15.21	-18.17	45.76	13.66	-27.15	-6.79	-6.69	-20.40
		803	4.83	48.15	-51.49	14.45	-17.79	47.14	15.74	-25.18	-5.52	-3.92	-20.45
		804	4.71	44.90	-54.03	8.35	-17.48	47.75	10.63	-23.94	-5.61	-7.70	-17.25
		795	4.60	43.77	-52.57	8.82	-17.62	46.31	8.85	-26.23	-6.85	-10.53	-17.44
618	8	795	10.21	112.80	-103.36	19.61	-10.17	107.05	36.04	-33.48	-15.44	18.01	-30.47
		804	10.31	113.94	-105.03	18.93	-10.03	108.52	35.36	-31.63	-13.35	17.08	-29.84
		805	10.14	108.78	-109.52	9.02	-9.76	108.75	28.07	-27.85	-11.83	12.05	-25.28
		796	10.04	107.53	-107.89	9.40	-9.76	107.28	28.99	-29.64	-13.74	13.09	-26.06
618	40	795	5.06	49.07	-56.83	9.70	-17.47	51.18	15.72	-20.95	-8.23	3.00	-17.45
		804	5.17	50.23	-58.35	9.20	-17.32	52.65	16.65	-19.54	-6.75	3.86	-17.30
		805	5.05	47.34	-60.47	3.93	-17.05	52.87	10.36	-18.17	-6.71	-1.09	-13.99
		796	4.93	46.03	-58.95	4.14	-17.06	51.41	9.73	-19.52	-8.05	-1.75	-14.29
618	72	795	4.67	44.25	-53.34	8.94	-18.03	46.90	14.23	-20.03	-7.70	1.89	-16.44
		804	4.79	45.41	-54.85	8.45	-17.89	48.37	15.28	-18.64	-6.26	2.90	-16.33
		805	4.66	42.69	-56.77	3.53	-17.61	48.59	9.09	-17.48	-6.34	-2.05	-13.11
		796	4.55	41.38	-55.27	3.73	-17.62	47.13	8.35	-18.82	-7.63	-2.84	-13.37
619	8	796	9.76	105.97	-105.67	9.72	-9.42	105.39	9.58	-39.24	-7.54	-22.12	-23.29
		805	9.92	107.31	-107.27	9.45	-9.41	106.87	36.87	-17.77	-5.60	24.70	-22.74
		806	9.74	103.78	-110.04	2.78	-9.04	106.75	31.43	-6.72	5.93	18.78	-17.96
		797	9.62	102.50	-108.65	2.86	-9.00	105.41	4.15	-38.19	-6.98	-27.07	-18.63
619	40	796	4.78	44.75	-58.62	4.08	-17.96	50.50	2.76	-26.24	-5.22	-18.26	-12.95
		805	4.96	46.11	-60.13	3.93	-17.95	51.98	14.01	-12.98	-3.87	4.91	-12.76
		806	4.82	43.92	-61.31	0.19	-17.58	51.86	9.56	-9.57	0.87	-0.88	-9.53
		797	4.67	42.59	-59.98	0.15	-17.55	50.52	-1.16	-27.69	-5.51	-23.33	-9.83
619	72	796	4.40	40.13	-55.10	3.65	-18.62	46.29	2.26	-25.26	-5.04	-17.96	-12.15
		805	4.59	41.49	-56.59	3.51	-18.61	47.78	12.37	-12.66	-3.74	3.44	-11.99
		806	4.44	39.39	-57.64	-0.01	-18.24	47.65	8.06	-9.90	0.50	-2.34	-8.87
		797	4.29	38.07	-56.33	-0.05	-18.20	46.32	-1.51	-26.92	-5.40	-23.04	-9.14
620	8	797	9.24	98.64	-105.89	2.72	-9.98	102.07	-0.30	-38.49	-7.80	-30.99	-15.17
		806	9.43	100.24	-107.40	2.85	-10.01	103.62	39.77	-10.70	-5.96	35.03	-14.72
		807	9.23	98.10	-108.31	-0.72	-9.49	103.11	32.30	2.49	6.24	28.56	-9.88
		798	9.12	97.13	-107.50	-0.88	-9.49	102.22	-4.40	-39.76	-7.80	-36.37	-10.41
620	40	797	4.49	40.18	-59.37	-0.12	-19.07	48.86	-2.93	-28.23	-5.91	-25.25	-8.16
		806	4.70	41.77	-60.86	0.01	-19.10	50.41	10.80	-8.82	-4.74	6.72	-7.96
		807	4.54	40.10	-61.03	-2.34	-18.58	49.91	5.30	-4.64	0.31	0.35	-4.97
		798	4.41	39.13	-60.21	-2.50	-18.58	49.02	-5.36	-31.80	-6.45	-30.72	-5.25
620	72	797	4.13	35.78	-55.89	-0.34	-19.77	44.79	-3.09	-27.47	-5.76	-24.80	-7.62
		806	4.35	37.36	-57.37	-0.21	-19.81	46.34	8.75	-8.77	-4.64	4.62	-7.44
		807	4.18	35.72	-57.47	-2.47	-19.28	45.83	3.73	-5.59	-0.13	-1.74	-4.59
		798	4.05	34.76	-56.66	-2.63	-19.28	44.95	-5.40	-31.22	-6.34	-30.27	-4.84
621	5	798	9.00	74.44	-128.30	-7.43	-46.43	-99.48	0.86	-14.60	-1.99	-11.75	5.99
		807	8.95	71.49	-125.48	-7.56	-46.44	-96.55	-2.64	-95.30	-3.01	-94.94	5.80
		808	9.23	73.44	-128.53	-9.29	-45.80	-99.32	-20.23	-101.49	-20.29	-101.42	2.27
		799	8.66	71.21	-126.13	-9.05	-45.88	-96.93	-3.05	-17.86	-3.48	-17.43	2.48
621	37	798	4.53	28.65	-71.83	-5.86	-37.33	-47.71	-3.17	-19.22	-3.62	-18.77	2.66
		807	4.60	25.89	-69.05	-5.83	-37.33	-44.78	-3.86	-57.44	-3.98	-57.31	2.59
		808	4.82	27.71	-71.80	-7.40	-36.69	-47.55	-12.75	-63.87	-12.77	-63.84	1.14
		799	4.37	25.48	-69.54	-7.29	-36.77	-45.17	-4.80	-24.49	-4.88	-24.41	1.23
621	69	798	4.22	25.21	-67.57	-5.74	-36.62	-43.75	-3.39	-19.69	-3.75	-19.33	2.40
		807	4.28	22.49	-64.81	-5.70	-36.63	-40.82	-3.95	-54.64	-4.06	-54.53	2.34
		808	4.50	24.28	-67.52	-7.25	-35.99	-43.59	-12.20	-61.09	-12.22	-61.07	1.05
		799	4.06	22.05	-65.28	-7.16	-36.07	-41.20	-4.93	-25.03	-4.99	-24.97	1.13
622	8	801	5.11	56.36	-39.14	34.94	-17.72	39.84	33.82	-45.09	-11.38	0.12	-39.03
		810	9.13	103.69	-83.03	38.15	-17.49	89.12	35.33	-44.21	-10.04	1.16	-39.37
		809	6.28	68.11	-49.40	35.31	-16.60	52.71	43.02	-50.76	-10.69	2.94	-46.39
		800	7.94	87.01	-69.26	34.76	-17.00	73.72	39.08	-51.27	-12.22	0.03	-44.76

622	40	801	2.05	22.13	-18.72	21.26	-17.85	5.89	21.75	-24.13	-2.40	0.02	-22.90
		810	5.69	62.24	-55.75	24.12	-17.62	55.18	23.17	-23.87	-1.23	0.53	-23.51
		809	2.95	28.23	-24.57	20.39	-16.74	18.77	30.80	-31.01	-2.41	2.20	-30.82
		800	4.52	45.47	-42.42	20.19	-17.14	39.78	27.00	-30.95	-3.77	-0.19	-28.92
622	72	801	1.88	20.49	-18.15	20.20	-17.86	3.30	20.82	-22.53	-1.71	9.86e-03	-21.66
		810	5.43	59.08	-53.68	23.04	-17.63	52.59	22.24	-22.33	-0.55	0.47	-22.28
		809	2.70	25.44	-22.95	19.24	-16.75	16.18	29.85	-29.50	-1.78	2.13	-29.61
		800	4.26	42.32	-40.40	19.07	-17.15	37.19	26.07	-29.40	-3.13	-0.21	-27.70
623	8	800	8.37	91.28	-74.54	34.71	-17.96	78.62	39.72	-51.79	-12.39	0.32	-45.31
		809	8.90	97.64	-79.64	35.22	-17.22	84.67	43.87	-49.67	-10.61	4.81	-46.13
		811	8.50	91.92	-78.09	30.44	-16.61	81.68	40.70	-46.47	-10.89	5.11	-42.84
		802	8.58	93.06	-79.17	31.12	-17.23	82.65	36.63	-49.71	-12.74	-0.34	-42.72
623	40	800	4.14	40.65	-39.43	19.92	-18.71	35.07	26.16	-29.93	-3.90	0.14	-27.97
		809	4.65	46.50	-44.20	20.27	-17.97	41.12	29.76	-28.96	-2.51	3.31	-29.21
		811	4.28	41.19	-42.20	16.34	-17.36	38.14	26.78	-26.87	-3.54	3.45	-26.60
		802	4.36	42.48	-43.27	17.19	-17.98	39.10	23.29	-29.00	-5.03	-0.69	-26.06
623	72	800	3.82	36.89	-36.87	18.78	-18.76	31.74	25.11	-28.26	-3.26	0.11	-26.63
		809	4.33	42.66	-41.57	19.12	-18.03	37.79	28.66	-27.38	-1.90	3.19	-27.91
		811	3.97	37.37	-39.53	15.26	-17.41	34.81	25.70	-25.38	-2.99	3.31	-25.34
		802	4.04	38.68	-40.60	16.12	-18.04	35.77	22.25	-27.43	-4.45	-0.73	-24.77
624	8	802	9.41	103.88	-88.65	31.56	-16.33	93.24	33.67	-48.16	-13.05	-1.44	-40.50
		811	9.55	105.44	-90.35	30.73	-15.64	95.11	37.67	-44.09	-10.99	4.57	-40.14
		812	9.42	102.00	-93.72	23.78	-15.49	95.87	32.80	-39.57	-9.47	2.70	-35.67
		803	9.33	101.05	-92.23	24.63	-15.82	94.50	29.16	-44.32	-11.66	-3.49	-36.51
624	40	802	4.69	46.27	-47.73	17.16	-18.62	43.46	21.78	-28.14	-5.16	-1.20	-24.88
		811	4.84	47.65	-49.26	16.33	-17.93	45.33	25.22	-25.59	-3.56	3.19	-25.18
		812	4.75	45.62	-51.29	12.12	-17.78	46.09	20.49	-22.92	-3.49	1.05	-21.59
		803	4.65	44.78	-49.91	12.98	-18.11	44.72	17.41	-26.15	-5.26	-3.47	-21.76
624	72	802	4.34	41.94	-44.69	16.05	-18.79	39.65	20.85	-26.61	-4.57	-1.20	-23.67
		811	4.49	43.29	-46.18	15.22	-18.11	41.52	24.25	-24.18	-3.00	3.07	-24.02
		812	4.40	41.36	-48.10	11.22	-17.96	42.28	19.52	-21.66	-3.05	0.91	-20.50
		803	4.29	40.54	-46.74	12.08	-18.29	40.91	16.49	-24.77	-4.79	-3.48	-20.62
625	8	803	9.81	108.52	-96.78	25.40	-13.65	100.78	26.83	-43.50	-12.37	-4.30	-34.93
		812	9.92	109.73	-98.61	24.46	-13.33	102.44	29.91	-39.08	-10.07	0.90	-34.05
		813	9.80	105.84	-102.54	16.65	-13.34	103.10	24.29	-35.45	-8.43	-2.74	-29.73
		804	9.69	104.53	-100.70	17.19	-13.35	101.47	21.51	-40.09	-10.65	-7.93	-30.77
625	40	803	4.87	47.66	-52.66	13.13	-18.14	47.66	16.24	-25.77	-5.60	-3.92	-20.99
		812	5.00	48.79	-54.34	12.27	-17.82	49.32	19.07	-22.72	-3.76	0.11	-20.81
		813	4.91	46.78	-56.50	8.10	-17.83	49.99	13.72	-21.10	-3.64	-3.75	-17.41
		804	4.78	45.49	-54.76	8.56	-17.84	48.36	11.23	-24.34	-5.45	-7.66	-17.75
625	72	803	4.50	43.07	-49.36	12.19	-18.49	43.60	15.42	-24.42	-5.10	-3.90	-19.91
		812	4.63	44.18	-51.02	11.33	-18.17	45.26	18.23	-21.48	-3.30	0.05	-19.78
		813	4.55	42.31	-53.04	7.45	-18.18	45.92	12.89	-20.01	-3.29	-3.83	-16.45
		804	4.41	41.03	-51.31	7.90	-18.18	44.29	10.43	-23.15	-5.07	-7.65	-16.74
626	8	804	9.86	107.99	-101.30	17.92	-11.22	103.62	34.59	-29.69	-12.06	16.95	-28.68
		813	9.97	109.33	-103.17	17.38	-11.21	105.28	35.35	-26.92	-9.52	17.95	-27.94
		814	9.80	105.57	-106.31	10.35	-11.09	105.40	31.06	-17.96	0.22	12.88	-23.67
		805	9.71	104.19	-104.65	10.49	-10.96	103.87	27.59	-26.41	-10.84	12.02	-24.46
626	40	804	4.89	46.55	-55.73	8.71	-17.89	49.38	16.29	-18.64	-6.15	3.80	-16.74
		813	5.02	47.88	-57.49	8.27	-17.88	51.04	18.06	-16.50	-4.18	5.73	-16.55
		814	4.89	45.77	-58.95	4.58	-17.76	51.16	13.43	-13.29	-0.44	0.57	-13.35
		805	4.77	44.35	-57.36	4.63	-17.63	49.62	10.16	-17.51	-6.24	-1.11	-13.59
626	72	804	4.51	41.91	-52.32	8.00	-18.40	45.23	14.95	-17.82	-5.71	2.84	-15.82
		813	4.64	43.24	-54.06	7.57	-18.39	46.89	16.78	-15.72	-3.78	4.84	-15.67
		814	4.52	41.25	-55.39	4.13	-18.27	47.00	12.14	-12.95	-0.49	-0.32	-12.55
		805	4.40	39.84	-53.80	4.17	-18.14	45.47	8.91	-16.88	-5.91	-2.06	-12.75
627	8	805	9.59	104.24	-103.14	10.93	-9.82	103.17	36.32	-16.41	-4.71	24.62	-21.91
		814	9.69	105.70	-104.79	10.86	-9.95	104.73	37.90	-7.39	8.36	22.15	-21.57
		815	9.52	102.64	-106.77	5.45	-9.58	104.43	28.40	-7.38	5.13	15.89	-17.06
		806	9.42	101.30	-105.45	5.30	-9.46	103.11	30.80	-6.54	5.51	18.75	-17.46
627	40	805	4.73	43.82	-57.34	4.63	-18.15	49.28	13.76	-12.33	-3.44	4.87	-12.36
		814	4.85	45.28	-58.93	4.62	-18.27	50.84	16.51	-8.22	3.34	4.95	-12.34
		815	4.71	43.32	-59.63	1.60	-17.91	50.54	9.10	-9.45	0.92	-1.27	-9.21
		806	4.59	41.95	-58.34	1.39	-17.78	49.22	9.20	-9.44	0.66	-0.90	-9.29
627	72	805	4.36	39.27	-53.91	4.15	-18.79	45.16	12.14	-12.07	-3.35	3.41	-11.62
		814	4.48	40.72	-55.50	4.14	-18.91	46.71	14.95	-8.30	2.97	3.68	-11.62
		815	4.34	38.84	-56.09	1.30	-18.55	46.42	7.78	-9.70	0.61	-2.54	-8.59
		806	4.23	37.47	-54.80	1.09	-18.42	45.09	7.72	-9.78	0.30	-2.35	-8.65
628	8	806	9.17	99.02	-103.19	5.37	-9.54	100.83	41.19	2.38	8.58	34.99	-14.21
		815	9.29	100.65	-104.66	5.65	-9.66	102.37	36.24	0.62	7.63	29.23	-14.16
		816	9.09	98.15	-105.54	1.67	-9.07	101.71	26.24	0.78	4.93	22.09	-9.40
		807	9.03	97.20	-104.84	1.39	-9.03	100.89	32.08	2.63	6.17	28.54	-9.58
628	37	806	4.64	29.13	-71.58	-6.42	-36.03	-48.13	-8.76	-43.51	-9.31	-42.96	4.34
		815	4.50	27.78	-70.10	-6.17	-36.15	-46.59	-7.07	-37.96	-7.60	-37.43	4.00
		816	4.59	28.67	-70.32	-6.09	-35.56	-47.25	-8.54	-44.78	-8.94	-44.38	3.79
		807	4.67	29.31	-71.16	-6.34	-35.52	-48.07	-9.70	-49.55	-10.11	-49.14	4.02
628	69	806	4.32	25.74	-67.15	-6.10	-35.31	-44.09	-8.38	-41.32	-8.83	-40.86	3.84

		815	4.18	24.41	-65.69	-5.85	-35.44	-42.55	-6.76	-36.07	-7.19	-35.64	3.51
		816	4.26	25.22	-65.93	-5.88	-34.84	-43.21	-8.23	-42.94	-8.57	-42.60	3.43
		807	4.35	25.84	-66.77	-6.13	-34.80	-44.03	-9.32	-47.41	-9.67	-47.05	3.65
629	5	807	9.19	72.80	-130.40	-9.67	-47.93	-99.78	-19.07	-95.34	-19.47	-94.94	5.50
		816	8.91	69.99	-127.61	-9.65	-47.97	-96.92	-16.54	-84.05	-16.96	-83.63	5.29
		817	9.24	73.19	-129.89	-9.49	-47.21	-99.77	-18.22	-91.39	-18.29	-91.33	2.15
		808	9.09	70.82	-127.42	-9.30	-47.30	-97.28	-20.23	-101.50	-20.29	-101.43	2.27
629	37	807	4.83	28.13	-73.02	-6.84	-38.04	-48.11	-11.58	-57.45	-11.71	-57.32	2.46
		816	4.58	25.51	-70.29	-6.70	-38.08	-45.25	-10.19	-51.46	-10.32	-51.33	2.31
		817	4.85	27.97	-72.76	-7.47	-37.32	-48.10	-11.81	-59.09	-11.83	-59.07	1.09
		808	4.70	25.61	-70.42	-7.40	-37.41	-45.61	-12.75	-63.88	-12.78	-63.86	1.14
629	69	807	4.50	24.79	-68.69	-6.62	-37.28	-44.15	-11.03	-54.65	-11.14	-54.54	2.22
		816	4.26	22.19	-65.98	-6.47	-37.32	-41.30	-9.72	-49.07	-9.83	-48.96	2.08
		817	4.52	24.57	-68.44	-7.32	-36.56	-44.15	-11.34	-56.72	-11.36	-56.70	1.01
		808	4.38	22.22	-66.12	-7.25	-36.65	-41.66	-12.20	-61.10	-12.22	-61.08	1.05
630	8	810	4.53	26.75	-53.13	-7.17	-19.21	39.48	35.02	-44.35	-10.38	1.05	-39.27
		819	8.72	78.61	-98.02	-1.15	-18.26	87.90	38.03	-44.01	-8.95	2.96	-40.59
		818	6.04	56.42	-54.03	19.82	-17.43	51.99	47.23	-50.20	-10.29	7.33	-47.91
		809	7.75	78.00	-73.41	22.03	-17.44	73.09	41.49	-50.95	-12.23	2.77	-45.60
630	40	810	1.47	2.91	-20.04	1.56	-18.69	5.40	23.25	-24.05	-1.24	0.44	-23.64
		819	5.44	50.33	-60.29	7.78	-17.74	53.81	25.79	-24.36	-0.04	1.46	-25.06
		818	2.76	20.73	-25.43	12.22	-16.91	17.90	35.15	-30.88	-1.51	5.78	-32.81
		809	4.41	40.98	-43.19	14.71	-16.92	39.00	29.95	-31.07	-3.21	2.09	-30.39
630	72	810	1.30	2.58	-19.02	2.21	-18.65	2.79	22.35	-22.51	-0.54	0.39	-22.43
		819	5.19	48.22	-57.48	8.45	-17.71	51.21	24.86	-22.87	0.64	1.34	-23.86
		818	2.53	18.29	-23.53	11.63	-16.88	15.30	34.21	-29.40	-0.85	5.66	-31.64
		809	4.16	38.20	-40.94	14.15	-16.88	36.40	29.06	-29.55	-2.53	2.03	-29.22
631	8	809	8.02	79.82	-77.77	20.32	-18.27	76.40	42.46	-49.83	-11.93	4.56	-45.40
		818	8.53	85.94	-82.61	20.76	-17.43	82.09	48.42	-46.31	-9.64	11.75	-46.14
		820	8.22	83.60	-80.69	19.96	-17.04	80.04	44.75	-40.03	-8.22	12.94	-41.05
		811	8.29	85.09	-80.83	21.65	-17.38	80.63	39.54	-45.27	-10.93	5.20	-41.63
631	40	809	3.94	34.35	-39.94	12.96	-18.55	33.64	29.02	-29.03	-3.15	3.14	-28.85
		818	4.44	40.09	-44.47	13.33	-17.71	39.33	34.01	-27.15	-1.40	8.26	-30.19
		820	4.14	36.38	-43.20	10.51	-17.32	37.28	30.49	-22.72	-1.41	9.18	-26.08
		811	4.20	38.03	-43.42	12.28	-17.67	37.87	26.25	-26.34	-3.58	3.50	-26.06
631	72	809	3.64	31.00	-37.18	12.40	-18.57	30.37	27.98	-27.44	-2.48	3.01	-27.57
		818	4.14	36.67	-41.64	12.76	-17.73	36.06	32.89	-25.69	-0.78	7.98	-28.96
		820	3.83	32.83	-40.39	9.78	-17.34	34.01	29.38	-21.40	-0.90	8.88	-24.92
		811	3.89	34.50	-40.64	11.56	-17.69	34.61	25.22	-24.90	-3.03	3.35	-24.85
632	8	811	8.95	93.78	-89.11	21.62	-16.95	89.39	36.48	-42.79	-10.91	4.60	-38.87
		820	9.10	95.32	-91.45	20.40	-16.52	91.54	41.55	-36.64	-7.94	12.85	-37.68
		821	9.03	94.83	-93.73	17.97	-16.86	92.66	36.36	-30.12	-4.58	10.82	-32.33
		812	8.92	93.78	-91.51	19.02	-16.75	90.90	31.98	-36.79	-7.86	3.06	-33.95
632	40	811	4.46	40.81	-47.42	11.94	-18.56	41.39	24.62	-25.00	-3.55	3.18	-24.58
		820	4.62	42.18	-49.58	10.74	-18.13	43.55	28.84	-20.91	-1.18	9.11	-24.34
		821	4.58	41.88	-51.53	8.82	-18.47	44.67	23.72	-17.02	0.04	6.66	-20.10
		812	4.45	40.92	-49.42	9.86	-18.36	42.91	20.13	-21.62	-2.73	1.24	-20.78
632	72	811	4.12	36.83	-44.32	11.19	-18.68	37.72	23.70	-23.65	-3.00	3.05	-23.48
		820	4.28	38.17	-46.44	9.99	-18.26	39.88	27.85	-19.72	-0.68	8.81	-23.31
		821	4.24	37.88	-48.35	8.12	-18.59	41.00	22.73	-16.03	0.37	6.33	-19.15
		812	4.11	36.94	-46.26	9.16	-18.48	39.24	19.20	-20.47	-2.36	1.09	-19.76
633	8	812	9.33	100.55	-95.21	19.64	-14.31	96.40	29.05	-36.29	-8.39	1.14	-32.32
		821	9.46	101.98	-97.63	18.77	-14.42	98.41	32.53	-30.14	-5.19	7.58	-30.67
		822	9.36	99.95	-100.09	14.54	-14.68	98.94	27.02	-26.80	-3.61	3.83	-26.65
		813	9.24	98.48	-98.00	14.80	-14.32	97.15	23.96	-32.62	-6.38	-2.28	-28.21
633	40	812	4.64	43.47	-51.78	9.95	-18.27	45.49	18.67	-21.42	-2.98	0.23	-19.98
		821	4.79	44.80	-54.09	9.09	-18.39	47.50	21.92	-17.10	-0.23	5.04	-19.33
		822	4.72	43.86	-55.55	6.96	-18.65	48.03	16.52	-15.72	-0.09	0.89	-16.11
		813	4.58	42.43	-53.50	7.22	-18.29	46.24	13.61	-19.77	-2.65	-3.51	-16.68
633	72	812	4.28	39.17	-48.53	9.21	-18.58	41.59	17.86	-20.29	-2.58	0.15	-19.02
		821	4.44	40.48	-50.83	8.34	-18.70	43.60	21.09	-16.11	0.13	4.84	-18.45
		822	4.37	39.63	-52.20	6.38	-18.95	44.13	15.71	-14.89	0.16	0.66	-15.29
		813	4.22	38.20	-50.16	6.63	-18.59	42.34	12.80	-18.80	-2.38	-3.62	-15.79
634	8	813	9.45	102.70	-98.73	15.52	-11.56	99.80	34.71	-23.98	-7.40	18.13	-26.42
		822	9.58	104.25	-100.78	15.38	-11.91	101.61	36.09	-20.51	-4.31	19.89	-25.59
		823	9.43	101.63	-102.54	10.86	-11.77	101.45	31.48	-14.80	1.92	14.75	-22.23
		814	9.32	100.09	-100.99	10.55	-11.45	99.93	30.39	-17.48	-0.34	13.24	-22.95
634	40	813	4.69	43.83	-54.50	7.37	-18.04	47.50	17.78	-15.11	-3.16	5.83	-15.82
		822	4.84	45.33	-56.54	7.18	-18.39	49.30	20.10	-12.31	-0.45	8.24	-15.61
		823	4.72	43.84	-57.16	4.94	-18.25	49.15	15.03	-10.83	1.37	2.83	-12.91
		814	4.58	42.32	-55.59	4.67	-17.93	47.63	13.03	-13.02	-0.74	0.75	-13.00
634	72	813	4.34	39.40	-51.19	6.74	-18.54	43.50	16.53	-14.46	-2.85	4.93	-15.00
		822	4.49	40.89	-53.22	6.55	-18.89	45.30	18.91	-11.71	-0.17	7.38	-14.84
		823	4.36	39.48	-53.75	4.48	-18.75	45.15	13.83	-10.54	1.34	1.95	-12.18
		814	4.23	37.97	-52.18	4.22	-18.43	43.63	11.77	-12.70	-0.77	-0.16	-12.23
635	8	814	9.30	101.61	-100.20	11.05	-9.64	100.37	37.21	-6.85	8.04	22.33	-20.84
		823	9.44	103.22	-101.73	11.44	-9.95	101.91	37.61	-6.47	9.40	21.74	-21.16

		824	9.27	100.75	-102.69	7.50	-9.45	101.37	28.64	-7.00	6.60	15.04	-17.32
		815	9.15	99.27	-101.65	6.91	-9.29	100.14	28.59	-6.87	5.67	16.05	-16.96
635	40	814	4.58	42.46	-55.88	4.71	-18.13	47.83	16.11	-7.93	3.15	5.03	-11.99
		823	4.73	44.03	-57.46	5.01	-18.44	49.37	17.88	-6.93	4.85	6.11	-12.39
		824	4.58	42.34	-57.48	2.80	-17.93	48.82	10.59	-8.83	2.34	-0.57	-9.60
		815	4.46	40.90	-56.38	2.29	-17.77	47.59	9.20	-9.25	1.16	-1.20	-9.15
635	72	814	4.23	38.01	-52.57	4.22	-18.78	43.81	14.58	-8.03	2.79	3.75	-11.30
		823	4.38	39.58	-54.14	4.52	-19.09	45.35	16.45	-6.98	4.51	4.95	-11.71
		824	4.22	37.94	-54.09	2.44	-18.59	44.80	9.34	-9.05	2.02	-1.73	-9.00
		815	4.10	36.50	-52.99	1.93	-18.43	43.57	7.88	-9.52	0.83	-2.47	-8.54
636	8	815	8.99	98.38	-100.01	7.11	-8.73	98.88	36.29	1.01	7.98	29.33	-14.04
		824	9.13	100.12	-101.23	7.78	-8.89	100.32	35.10	0.39	8.66	26.83	-14.79
		825	8.91	97.52	-101.77	3.86	-8.11	99.46	24.20	-0.20	5.03	18.98	-10.01
		816	8.83	96.49	-101.39	3.23	-8.13	98.77	26.31	0.97	5.16	22.13	-9.41
636	37	815	4.59	28.30	-71.78	-6.86	-36.61	-47.78	-7.25	-37.99	-7.78	-37.47	3.97
		824	4.48	27.09	-70.39	-6.53	-36.77	-46.33	-5.63	-33.76	-6.08	-33.31	3.52
		825	4.57	28.16	-70.71	-6.56	-35.99	-47.19	-7.67	-41.24	-8.04	-40.87	3.50
		816	4.64	28.63	-71.48	-6.83	-36.01	-47.88	-8.66	-44.82	-9.07	-44.42	3.81
636	69	815	4.28	25.03	-67.37	-6.49	-35.85	-43.80	-6.93	-36.10	-7.35	-35.68	3.48
		824	4.16	23.83	-65.99	-6.15	-36.01	-42.36	-5.34	-32.04	-5.68	-31.69	3.02
		825	4.26	24.82	-66.33	-6.28	-35.23	-43.22	-7.38	-39.57	-7.69	-39.26	3.13
		816	4.32	25.28	-67.10	-6.56	-35.26	-43.91	-8.34	-42.98	-8.68	-42.63	3.45
637	5	816	9.12	70.66	-131.55	-11.21	-49.68	-99.26	-16.73	-84.10	-17.15	-83.68	5.32
		825	8.86	68.00	-128.86	-11.20	-49.66	-96.54	-14.86	-76.00	-15.29	-75.57	5.11
		826	9.21	72.13	-130.63	-9.81	-48.69	-99.50	-16.87	-84.58	-16.95	-84.50	2.28
		817	9.04	69.62	-128.04	-9.50	-48.92	-96.85	-18.23	-91.43	-18.29	-91.37	2.16
637	37	816	4.81	27.49	-73.83	-7.44	-38.90	-48.16	-10.28	-51.50	-10.41	-51.37	2.33
		825	4.58	25.05	-71.16	-7.23	-38.88	-45.43	-9.09	-46.89	-9.20	-46.78	2.04
		826	4.86	27.96	-73.46	-7.59	-37.91	-48.39	-11.17	-55.80	-11.20	-55.78	1.13
		817	4.69	25.43	-71.04	-7.47	-38.13	-45.74	-11.82	-59.13	-11.84	-59.10	1.10
637	69	816	4.49	24.25	-69.48	-7.15	-38.07	-44.24	-9.81	-49.10	-9.92	-48.99	2.10
		825	4.27	21.85	-66.82	-6.93	-38.05	-41.52	-8.66	-44.76	-8.75	-44.67	1.80
		826	4.54	24.63	-69.13	-7.42	-37.08	-44.48	-10.75	-53.70	-10.78	-53.67	1.04
		817	4.37	22.12	-66.74	-7.32	-37.31	-41.83	-11.34	-56.76	-11.37	-56.73	1.01
638	4	819	4.86	23.15	-56.36	-12.86	-20.35	39.58	46.06	-58.74	-13.89	1.21	-51.86
		828	9.03	78.30	-96.63	0.09	-18.42	86.97	53.56	-57.66	-11.41	7.32	-54.81
		827	5.88	39.33	-65.50	-8.28	-17.88	52.20	52.82	-48.30	-10.58	15.10	-48.90
		818	7.65	64.74	-82.54	-0.51	-17.29	73.16	46.00	-51.93	-13.20	7.26	-47.88
638	36	819	1.54	-0.06	-20.61	-1.24	-19.43	4.79	29.24	-31.19	-2.15	0.20	-30.19
		828	5.55	51.16	-57.16	11.50	-17.50	52.18	35.65	-31.56	-0.26	4.34	-33.52
		827	2.59	8.89	-28.69	-2.83	-16.96	17.41	40.61	-29.63	-0.91	11.89	-34.53
		818	4.32	34.04	-45.58	4.83	-16.38	38.37	34.76	-31.69	-2.93	6.00	-32.92
638	68	819	1.34	-0.15	-19.60	-0.38	-19.36	2.13	27.98	-29.12	-1.26	0.12	-28.55
		828	5.29	49.18	-54.26	12.35	-17.43	49.53	34.30	-29.60	0.59	4.11	-31.91
		827	2.35	6.77	-26.09	-2.43	-16.89	14.75	39.67	-28.21	-0.18	11.64	-33.42
		818	4.06	31.76	-42.85	5.22	-16.31	35.72	33.89	-30.15	-2.15	5.89	-31.77
639	8	818	7.71	61.85	-87.64	-4.49	-21.31	74.27	46.87	-46.79	-10.98	11.06	-45.51
		827	8.24	67.76	-93.05	-4.62	-20.67	80.01	57.67	-40.02	-6.98	24.62	-46.22
		829	8.04	75.83	-86.26	10.68	-21.11	79.47	49.92	-28.56	-3.28	24.65	-36.67
		820	8.08	77.81	-84.50	13.86	-20.55	79.31	43.62	-37.57	-7.43	13.48	-39.23
639	40	818	3.73	24.33	-43.06	0.88	-19.62	32.09	32.90	-27.45	-2.15	7.60	-29.78
		827	4.27	30.00	-48.19	0.79	-18.98	37.83	41.69	-23.21	0.86	17.62	-31.35
		829	4.07	31.90	-46.51	4.81	-19.41	37.29	34.56	-15.07	2.24	17.25	-23.65
		820	4.10	34.02	-44.93	7.94	-18.85	37.13	30.21	-21.59	-0.98	9.60	-25.35
639	72	818	3.43	21.57	-39.79	1.28	-19.49	28.87	31.82	-25.98	-1.48	7.33	-28.56
		827	3.97	27.19	-44.86	1.18	-18.86	34.60	40.46	-21.93	1.46	17.07	-30.20
		829	3.77	28.59	-43.53	4.35	-19.29	34.07	33.37	-14.04	2.65	16.68	-22.64
		820	3.80	30.73	-41.97	7.49	-18.73	33.91	29.16	-20.37	-0.49	9.29	-24.28
640	8	820	8.46	84.70	-88.67	13.42	-17.40	85.30	39.76	-34.19	-7.36	12.92	-35.56
		829	8.65	86.26	-92.58	11.73	-18.05	88.17	45.69	-24.95	-2.63	23.37	-32.84
		830	8.59	87.67	-93.66	12.96	-18.95	89.25	39.59	-17.33	2.30	19.96	-27.05
		821	8.47	86.68	-90.57	13.87	-17.76	87.20	35.36	-25.92	-2.16	11.61	-29.85
640	40	820	4.22	35.82	-47.03	7.30	-18.51	39.37	27.87	-19.81	-1.00	9.06	-23.30
		829	4.44	37.25	-50.79	5.63	-19.17	42.24	32.80	-13.12	2.99	16.69	-21.91
		830	4.41	38.20	-52.26	6.01	-20.07	43.31	26.84	-8.83	5.34	12.67	-17.46
		821	4.25	37.24	-49.22	6.89	-18.87	41.27	23.36	-15.00	1.23	7.13	-18.95
640	72	820	3.90	32.16	-43.93	6.83	-18.60	35.86	26.94	-18.72	-0.53	8.75	-22.35
		829	4.12	33.56	-47.65	5.16	-19.25	38.72	31.80	-12.22	3.41	16.17	-21.06
		830	4.09	34.47	-49.15	5.47	-20.15	39.80	25.85	-8.20	5.55	12.10	-16.71
		821	3.94	33.52	-46.12	6.36	-18.96	37.75	22.42	-14.18	1.47	6.77	-18.11
641	8	821	8.77	92.81	-92.62	14.55	-14.35	91.58	31.34	-25.93	-2.71	8.13	-28.12
		830	8.91	94.31	-95.75	14.12	-15.56	93.87	34.12	-17.93	1.86	14.32	-25.27
		831	8.79	93.16	-96.60	12.19	-15.63	93.86	32.84	-11.70	10.67	10.47	-22.27
		822	8.70	91.75	-94.57	11.85	-14.67	92.21	30.25	-18.94	6.46	4.85	-24.59
641	40	821	4.39	39.47	-50.76	7.04	-18.32	43.30	21.35	-15.10	0.93	5.31	-18.09
		830	4.56	40.88	-53.92	6.49	-19.53	45.58	24.52	-9.29	5.21	10.02	-16.74
		831	4.47	40.46	-54.18	5.89	-19.60	45.57	21.35	-7.38	8.45	5.52	-14.29

		822	4.33	39.09	-52.06	5.67	-18.65	43.92	18.16	-12.25	4.51	1.41	-15.12
641	72	821	4.06	35.46	-47.63	6.46	-18.63	39.60	20.56	-14.28	1.19	5.09	-17.31
		830	4.24	36.85	-50.79	5.90	-19.84	41.89	23.78	-8.65	5.44	9.68	-16.07
		831	4.15	36.50	-51.00	5.41	-19.91	41.88	20.47	-7.05	8.28	5.14	-13.67
		822	4.00	35.12	-48.88	5.19	-18.95	40.23	17.23	-11.73	4.36	1.14	-14.39
642	8	822	8.96	97.06	-95.23	12.68	-10.85	95.42	37.88	-11.50	5.62	20.76	-23.50
		831	9.08	98.63	-97.17	13.24	-11.78	97.10	38.26	-8.31	9.60	20.35	-22.66
		832	8.96	96.81	-97.48	10.52	-11.19	96.54	37.04	-5.24	16.66	15.13	-21.13
		823	8.86	95.23	-96.40	9.57	-10.74	95.27	36.67	-6.71	14.12	15.84	-21.67
642	40	822	4.47	40.97	-52.97	5.88	-17.88	45.44	21.15	-8.41	4.08	8.66	-14.60
		831	4.62	42.44	-55.05	6.20	-18.81	47.12	23.51	-5.56	7.93	10.03	-14.50
		832	4.49	41.39	-54.58	5.03	-18.22	46.56	20.29	-5.97	9.92	4.40	-12.84
		823	4.37	39.89	-53.35	4.32	-17.77	45.29	18.01	-7.54	7.11	3.36	-12.63
642	72	822	4.13	36.75	-49.81	5.36	-18.42	41.61	19.91	-8.17	3.96	7.77	-13.91
		831	4.28	38.22	-51.91	5.66	-19.35	43.29	22.42	-5.34	7.81	9.27	-13.86
		832	4.15	37.23	-51.38	4.61	-18.76	42.73	19.04	-6.03	9.41	3.60	-12.19
		823	4.03	35.73	-50.13	3.91	-18.31	41.47	16.62	-7.60	6.59	2.44	-11.93
643	8	823	8.99	98.46	-96.48	10.15	-8.16	97.04	39.74	-2.13	14.99	22.62	-20.58
		832	9.14	100.14	-97.54	11.20	-8.60	98.34	41.67	-2.41	17.71	21.55	-21.96
		833	8.99	98.49	-97.31	8.88	-7.70	97.55	33.17	-6.15	12.80	14.23	-19.65
		824	8.86	96.85	-96.84	7.68	-7.67	96.54	31.65	-4.87	11.04	15.74	-18.11
643	40	823	4.43	40.81	-54.02	4.39	-17.60	46.12	19.14	-5.10	7.51	6.52	-12.11
		832	4.58	42.38	-55.26	5.15	-18.03	47.42	22.22	-4.41	10.40	7.42	-13.23
		833	4.43	41.11	-54.46	3.79	-17.13	46.63	15.00	-8.36	6.41	0.24	-11.26
		824	4.30	39.60	-53.82	2.89	-17.10	45.63	12.35	-8.14	4.45	-0.24	-9.97
643	72	823	4.09	36.48	-50.85	3.95	-18.32	42.22	17.62	-5.34	6.95	5.33	-11.45
		832	4.24	38.04	-52.11	4.69	-18.76	43.53	20.78	-4.57	9.85	6.37	-12.56
		833	4.08	36.80	-51.26	3.39	-17.85	42.73	13.69	-8.57	5.93	-0.80	-10.61
		824	3.96	35.29	-50.61	2.52	-17.83	41.73	10.99	-8.45	3.96	-1.42	-9.34
644	8	824	8.79	97.31	-95.98	7.95	-6.61	96.37	37.32	2.92	12.82	27.42	-15.57
		833	8.97	99.19	-96.64	9.19	-6.64	97.60	41.37	2.94	15.48	28.83	-18.02
		834	8.73	96.95	-96.50	6.01	-5.56	96.56	28.38	-0.79	7.49	20.09	-13.15
		825	8.63	95.73	-96.70	4.87	-5.84	96.07	25.31	0.07	6.21	19.16	-10.83
644	37	824	4.56	27.57	-72.06	-6.61	-37.88	-47.30	-7.48	-34.16	-8.07	-33.57	3.92
		833	4.47	26.62	-70.80	-6.27	-37.90	-46.07	-5.77	-31.68	-6.24	-31.20	3.49
		834	4.57	27.63	-71.26	-6.81	-36.83	-47.11	-7.20	-39.18	-7.61	-38.77	3.59
		825	4.62	27.85	-71.99	-7.04	-37.10	-47.60	-8.15	-41.44	-8.62	-40.97	3.92
644	69	824	4.25	24.43	-67.68	-6.22	-37.03	-43.40	-7.05	-32.40	-7.51	-31.94	3.39
		833	4.16	23.51	-66.42	-5.85	-37.06	-42.18	-5.31	-29.93	-5.66	-29.59	2.90
		834	4.26	24.45	-66.89	-6.46	-35.98	-43.22	-6.88	-37.51	-7.21	-37.18	3.14
		825	4.30	24.65	-67.62	-6.72	-36.25	-43.71	-7.82	-39.75	-8.22	-39.36	3.52
645	5	825	9.02	67.88	-132.59	-12.20	-52.50	-98.19	-15.74	-76.34	-16.33	-75.75	5.96
		834	8.80	65.41	-130.02	-12.37	-52.23	-95.66	-15.04	-73.77	-15.60	-73.21	5.72
		835	9.16	70.11	-131.51	-10.39	-51.01	-98.74	-16.52	-82.90	-16.64	-82.78	2.78
		826	8.97	67.46	-128.80	-9.81	-51.54	-95.89	-16.89	-84.67	-16.97	-84.59	2.29
645	37	825	4.79	26.71	-74.66	-7.71	-40.24	-48.00	-9.53	-47.03	-9.70	-46.87	2.46
		834	4.60	24.54	-72.02	-7.51	-39.97	-45.47	-8.71	-44.82	-8.80	-44.72	1.85
		835	4.88	27.69	-74.23	-7.80	-38.75	-48.55	-10.95	-54.54	-10.98	-54.51	1.27
		826	4.70	24.94	-71.80	-7.59	-39.27	-45.70	-11.19	-55.89	-11.22	-55.86	1.14
645	69	825	4.48	23.63	-70.29	-7.37	-39.30	-44.16	-9.07	-44.88	-9.21	-44.75	2.18
		834	4.29	21.49	-67.66	-7.14	-39.03	-41.63	-8.23	-42.69	-8.30	-42.62	1.55
		835	4.56	24.49	-69.90	-7.60	-37.81	-44.71	-10.53	-52.45	-10.57	-52.42	1.15
		826	4.38	21.74	-67.49	-7.42	-38.33	-41.86	-10.77	-53.78	-10.80	-53.76	1.05
646	4	828	5.05	13.45	-69.90	-34.67	-21.78	41.18	51.61	-43.76	2.63	5.22	-47.67
		837	9.50	70.90	-104.73	-13.60	-20.24	87.75	90.63	-50.09	12.98	27.56	-69.98
		836	6.46	38.04	-72.66	-15.42	-19.20	55.32	64.97	-61.59	-15.75	19.13	-60.83
		827	8.28	66.90	-85.29	5.68e-03	-18.41	75.54	70.51	-59.04	-9.09	20.55	-63.06
646	36	828	1.40	-10.18	-22.05	-12.19	-20.04	4.45	29.57	-25.62	5.54	-1.58	-27.36
		837	5.83	47.98	-57.66	8.82	-18.50	51.02	66.98	-29.48	15.97	21.52	-48.15
		836	2.80	5.26	-32.67	-9.95	-17.47	18.59	46.06	-35.25	-5.21	16.02	-39.25
		827	4.65	34.79	-45.94	5.52	-16.67	38.81	53.11	-34.43	1.28	17.40	-43.02
646	68	828	1.17	-10.21	-20.19	-10.49	-19.91	1.65	27.95	-24.29	5.76	-2.10	-25.82
		837	5.56	46.41	-54.27	10.51	-18.37	48.22	65.19	-27.92	16.19	21.07	-46.49
		836	2.54	2.82	-29.70	-9.55	-17.34	15.79	44.62	-33.25	-4.41	15.78	-37.60
		827	4.38	32.41	-43.03	5.92	-16.54	36.01	51.79	-32.57	2.07	17.15	-41.50
647	4	827	7.45	56.85	-87.12	-7.72	-22.55	71.60	50.21	-42.48	-12.33	20.07	-43.42
		836	8.33	62.57	-97.01	-9.84	-24.61	79.45	87.77	-25.74	-1.46	63.49	-46.54
		838	7.91	69.91	-92.25	4.17	-26.50	79.62	63.17	-12.00	-0.50	51.66	-27.06
		829	7.93	72.43	-87.80	7.96	-23.34	78.57	49.47	-27.00	-3.98	26.45	-35.07
647	36	827	3.56	20.80	-42.16	-1.72	-19.64	30.18	35.51	-24.95	-2.94	13.50	-29.10
		836	4.46	26.38	-51.78	-3.70	-21.69	38.03	63.52	-12.84	6.45	44.22	-33.18
		838	4.08	28.46	-51.63	0.42	-23.59	38.20	39.78	-3.01	4.95	31.83	-16.65
		829	4.08	30.93	-47.30	4.05	-20.42	37.15	36.20	-13.99	2.86	19.36	-23.70
647	68	827	3.28	18.15	-38.85	-1.28	-19.42	27.02	34.38	-23.62	-2.23	12.99	-27.98
		836	4.17	23.68	-48.40	-3.25	-21.47	34.87	61.68	-11.87	7.05	42.77	-32.15
		838	3.79	25.33	-48.57	0.13	-23.37	35.04	38.01	-2.33	5.35	30.33	-15.84
		829	3.79	27.81	-44.26	3.75	-20.20	33.99	35.17	-13.00	3.37	18.81	-22.82

648	8	829	7.87	76.37	-86.32	7.66	-17.62	80.36	41.75	-23.12	-4.27	22.90	-29.45
		838	8.14	77.88	-93.34	6.31	-21.77	84.46	58.73	-4.61	4.86	49.27	-22.58
		839	7.98	79.03	-91.52	9.56	-22.05	83.80	50.71	-5.16	0.93	44.62	-17.40
		830	7.91	78.73	-88.52	9.18	-18.97	82.43	36.17	-16.71	-2.71	22.17	-23.33
648	40	829	3.96	31.27	-46.53	3.49	-18.75	37.28	30.24	-12.37	1.73	16.14	-20.05
		838	4.31	32.79	-53.64	2.05	-22.90	41.38	40.27	1.41	9.88	31.80	-16.04
		839	4.17	33.67	-52.35	4.51	-23.19	40.72	31.72	1.11	7.68	25.15	-12.57
		830	4.04	33.25	-49.13	4.22	-20.11	39.35	25.34	-8.11	3.19	14.04	-15.82
648	72	829	3.66	27.89	-43.56	3.17	-18.84	33.99	29.35	-11.56	2.18	15.62	-19.32
		838	4.02	29.40	-50.67	1.72	-22.99	38.08	38.90	1.83	10.25	30.48	-15.53
		839	3.89	30.28	-49.43	4.12	-23.27	37.43	30.37	1.49	8.18	23.68	-12.19
		830	3.75	29.83	-46.18	3.84	-20.19	36.06	24.52	-7.49	3.62	13.41	-15.24
649	8	830	8.09	84.85	-88.55	10.24	-13.94	85.85	29.75	-16.41	-2.41	15.75	-21.22
		839	8.24	85.74	-91.81	10.94	-17.02	87.67	38.93	-5.84	4.73	28.36	-19.01
		840	8.09	84.66	-90.62	9.65	-15.61	86.72	45.96	7.64	29.00	24.60	-19.03
		831	8.03	83.82	-89.53	8.43	-14.14	85.94	39.41	-3.28	24.14	11.99	-20.47
649	40	830	4.10	35.40	-49.53	4.60	-18.73	40.84	22.05	-8.36	3.05	10.65	-14.72
		839	4.29	36.29	-53.12	4.98	-21.80	42.65	28.20	-0.38	9.87	17.95	-13.71
		840	4.13	35.90	-51.30	5.00	-20.40	41.71	30.37	3.04	20.02	13.39	-13.25
		831	4.03	35.09	-49.93	4.09	-18.93	40.92	24.69	-3.55	14.84	6.30	-13.46
649	72	830	3.80	31.69	-46.62	4.16	-19.09	37.39	21.46	-7.77	3.44	10.25	-14.21
		839	4.00	32.59	-50.24	4.52	-22.17	39.21	27.45	-0.03	10.24	17.18	-13.29
		840	3.84	32.25	-48.38	4.64	-20.77	38.27	29.20	2.71	19.35	12.55	-12.80
		831	3.73	31.44	-46.98	3.76	-19.29	37.48	23.56	-3.56	14.14	5.86	-12.91
650	8	831	8.38	90.66	-90.30	9.48	-9.11	90.00	43.13	1.66	23.05	21.75	-20.72
		840	8.45	91.65	-91.37	10.84	-10.56	90.88	44.57	3.01	27.98	19.59	-20.35
		841	8.35	90.59	-90.41	8.93	-8.76	90.07	43.03	0.13	28.84	14.32	-20.18
		832	8.29	89.25	-90.34	7.45	-8.54	89.44	41.42	0.41	25.24	16.60	-20.04
650	40	831	4.19	37.64	-50.79	4.41	-17.56	42.83	26.13	-1.20	14.23	10.70	-13.55
		840	4.29	38.54	-52.21	5.34	-19.01	43.71	29.91	0.79	19.59	11.10	-13.93
		841	4.16	37.97	-50.55	4.62	-17.21	42.89	26.37	-2.95	18.04	5.38	-13.23
		832	4.08	36.79	-50.21	3.57	-16.99	42.27	22.65	-3.53	14.00	5.11	-12.31
650	72	831	3.88	33.67	-47.86	4.02	-18.21	39.22	24.85	-1.40	13.57	9.88	-12.99
		840	3.98	34.57	-49.31	4.92	-19.66	40.10	28.80	0.64	18.96	10.47	-13.43
		841	3.85	34.03	-47.60	4.29	-17.86	39.28	25.11	-3.17	17.22	4.71	-12.68
		832	3.77	32.86	-47.23	3.27	-17.64	38.66	21.23	-3.82	13.16	4.26	-11.71
651	5	832	8.65	67.63	-125.15	-8.88	-48.65	-94.32	-12.87	-38.57	-18.48	-32.96	10.61
		841	8.57	66.60	-124.79	-9.33	-48.86	-93.63	-7.62	-27.28	-12.67	-22.24	8.58
		842	8.69	67.94	-124.67	-9.49	-47.25	-94.43	-11.07	-37.62	-18.80	-29.89	12.07
		833	8.78	68.60	-125.43	-9.09	-47.74	-95.07	-14.96	-48.43	-23.05	-40.34	14.33
651	37	832	4.35	27.41	-69.03	-4.43	-37.19	-45.35	-6.18	-18.63	-6.69	-18.12	2.47
		841	4.31	26.78	-68.50	-4.31	-37.41	-44.67	-1.59	-11.84	-1.63	-11.80	0.64
		842	4.32	27.87	-68.27	-4.61	-35.79	-45.47	-6.31	-20.00	-7.02	-19.28	3.05
		833	4.36	28.18	-69.26	-4.79	-36.28	-46.11	-8.92	-26.91	-10.50	-25.33	5.09
651	69	832	4.05	24.42	-64.82	-4.09	-36.31	-41.61	-5.50	-17.31	-5.80	-17.01	1.83
		841	4.02	23.82	-64.28	-3.93	-36.53	-40.92	-0.79	-11.02	-0.79	-11.02	0.02
		842	4.02	24.88	-64.03	-4.24	-34.91	-41.72	-5.70	-18.92	-6.13	-18.49	2.35
		833	4.07	25.16	-65.03	-4.46	-35.40	-42.36	-8.35	-25.42	-9.55	-24.21	4.38
652	5	833	8.88	67.12	-130.83	-10.19	-53.52	-96.58	-20.97	-59.62	-25.69	-54.89	12.66
		842	8.85	66.18	-129.87	-10.65	-53.04	-95.71	-17.35	-58.95	-23.42	-52.88	14.69
		843	8.88	66.74	-130.80	-12.44	-51.62	-96.81	-11.70	-62.44	-15.90	-58.24	13.97
		834	8.86	67.01	-131.31	-11.88	-52.42	-97.06	-14.09	-63.90	-17.15	-60.84	11.96
652	37	833	4.57	27.17	-72.80	-5.53	-40.10	-46.90	-10.89	-32.98	-11.75	-32.11	4.28
		842	4.48	26.62	-71.61	-5.36	-39.62	-46.03	-8.40	-31.02	-9.24	-30.18	4.28
		843	4.56	27.04	-72.24	-7.00	-38.20	-47.13	-7.36	-37.55	-8.15	-36.76	4.83
		834	4.61	26.97	-73.03	-7.06	-39.00	-47.38	-8.77	-39.86	-9.53	-39.11	4.79
652	69	833	4.27	24.19	-68.43	-5.17	-39.07	-43.09	-10.05	-31.07	-10.70	-30.42	3.63
		842	4.19	23.67	-67.23	-4.96	-38.59	-42.22	-7.59	-29.06	-8.16	-28.48	3.47
		843	4.26	24.07	-67.82	-6.58	-37.17	-43.32	-6.97	-35.75	-7.57	-35.15	4.12
		834	4.31	23.97	-68.63	-6.69	-37.97	-43.58	-8.35	-38.11	-8.96	-37.49	4.23
653	5	834	8.92	64.14	-134.36	-12.91	-57.31	-96.73	-18.29	-75.06	-19.50	-73.85	8.19
		843	8.76	61.83	-131.88	-13.55	-56.50	-94.44	-19.41	-82.59	-20.51	-81.49	8.27
		844	9.15	66.77	-133.27	-11.45	-55.04	-97.62	-17.72	-89.54	-17.96	-89.31	4.10
		835	8.93	64.04	-130.50	-10.39	-56.07	-94.55	-16.56	-83.06	-16.67	-82.94	2.80
653	37	834	4.80	25.73	-75.90	-7.77	-42.41	-47.77	-10.38	-45.28	-10.64	-45.01	3.03
		843	4.65	23.86	-73.19	-7.75	-41.59	-45.48	-10.20	-47.59	-10.32	-47.47	2.13
		844	4.92	27.05	-75.37	-8.19	-40.14	-48.65	-11.24	-56.03	-11.29	-55.97	1.61
		835	4.72	24.07	-73.03	-7.80	-41.17	-45.59	-10.98	-54.71	-11.02	-54.67	1.29
653	69	834	4.50	22.85	-71.49	-7.37	-41.26	-44.02	-9.77	-43.09	-9.98	-42.88	2.63
		843	4.35	21.03	-68.78	-7.30	-40.45	-41.73	-9.48	-45.01	-9.56	-44.93	1.65
		844	4.60	24.05	-70.98	-7.93	-38.99	-44.91	-10.75	-53.53	-10.80	-53.49	1.42
		835	4.41	21.06	-68.68	-7.60	-40.02	-41.84	-10.57	-52.62	-10.60	-52.59	1.17
654	4	837	5.14	9.19	-86.49	-59.99	-17.32	42.82	-51.22	-136.43	-98.25	-89.40	-42.37
		846	13.36	61.52	-128.23	-32.61	-34.10	94.87	316.34	-98.64	-16.73	234.43	-165.17
		845	6.76	39.81	-85.04	-24.11	-21.12	62.41	91.44	-55.63	-42.81	78.61	-41.49
		836	9.80	72.51	-95.64	1.48	-24.61	83.06	138.10	-50.75	19.92	67.44	-91.39
654	36	837	1.99	-13.80	-24.97	-24.24	-14.52	2.75	-48.67	-86.88	-50.86	-84.68	-8.90

		846	9.52	43.33	-71.55	3.09	-31.31	54.81	275.45	-57.24	22.57	195.63	-142.07
		845	3.01	2.71	-42.06	-21.03	-18.32	22.34	41.06	-48.76	-40.34	32.64	26.18
		836	5.90	36.39	-53.57	4.63	-21.81	43.00	119.86	-25.90	29.78	64.18	-70.82
654	68	837	1.90	-14.29	-21.54	-21.53	-14.31	-0.30	-46.21	-85.40	-47.27	-84.34	-6.35
		846	9.24	42.29	-67.59	5.79	-31.09	51.75	272.45	-54.19	25.55	192.71	-140.32
		845	2.75	-0.12	-38.79	-20.80	-18.11	19.29	37.26	-48.26	-40.16	29.17	25.04
		836	5.61	33.71	-50.44	4.87	-21.60	39.94	118.47	-24.02	30.53	63.92	-69.26
655	4	836	6.80	50.84	-82.20	-10.58	-20.77	66.33	58.96	-32.50	-18.31	44.77	-33.11
		845	9.02	57.79	-114.69	-17.67	-39.23	85.57	144.11	12.76	22.39	134.48	-34.23
		847	7.20	62.53	-93.84	7.46	-38.76	74.69	64.67	-2.42	-2.41	64.67	-0.48
		838	7.85	67.43	-92.69	3.26	-28.52	78.47	78.40	1.74	11.30	68.83	-25.33
655	36	836	3.15	16.28	-38.97	-5.26	-17.43	26.94	35.92	-21.75	-11.27	25.44	-22.24
		845	5.57	23.49	-71.81	-12.42	-35.89	46.18	112.59	18.61	27.31	103.89	-27.24
		847	3.78	24.81	-56.11	4.12	-35.42	35.30	31.39	4.17	4.41	31.15	2.55
		838	4.29	28.43	-53.68	-0.07	-25.17	39.09	55.75	7.68	16.88	46.55	-18.91
655	68	836	2.88	13.70	-35.74	-4.86	-17.18	23.94	34.17	-20.93	-10.74	23.99	-21.39
		845	5.31	20.92	-68.60	-12.03	-35.64	43.18	110.21	19.05	27.68	101.57	-26.69
		847	3.53	22.09	-53.39	3.87	-35.17	32.30	28.94	4.60	4.92	28.61	2.79
		838	4.03	25.49	-50.74	-0.33	-24.92	36.08	54.08	8.08	17.29	44.86	-18.41
656	1	838	6.75	57.46	-93.56	-8.50	-27.60	-74.90	21.07	-25.13	21.00	-25.06	-1.85
		847	7.51	50.36	-97.50	-9.00	-38.15	-72.48	51.76	-34.75	34.57	-17.55	-34.53
		848	7.81	58.47	-96.05	-4.53	-33.06	-75.93	52.04	-44.29	37.42	-29.68	-34.55
		839	6.83	58.04	-92.40	-5.71	-28.65	-74.34	33.96	-31.99	33.82	-31.86	-3.02
656	33	838	3.48	21.97	-52.39	-5.00	-25.42	-35.75	16.73	-5.71	15.72	-4.70	-4.66
		847	3.91	16.28	-57.23	-4.98	-35.97	-33.33	40.43	-9.57	29.50	1.36	-20.66
		848	4.16	23.49	-55.76	-1.40	-30.88	-36.78	37.00	-18.21	28.39	-9.61	-20.03
		839	3.59	22.47	-51.78	-2.84	-26.47	-35.19	25.60	-11.47	24.46	-10.32	-6.41
656	65	838	3.24	19.34	-49.33	-4.74	-25.26	-32.76	16.54	-4.38	15.33	-3.17	-4.88
		847	3.65	13.86	-54.34	-4.67	-35.80	-30.34	39.60	-7.68	29.13	2.79	-19.63
		848	3.89	20.94	-52.82	-1.16	-30.71	-33.79	35.87	-16.26	27.71	-8.09	-18.94
		839	3.35	19.85	-48.77	-2.62	-26.31	-32.20	25.07	-10.02	23.74	-8.70	-6.68
657	9	839	6.93	52.44	-98.44	-6.55	-39.46	-73.62	29.36	-14.25	28.05	-12.95	-7.42
		848	7.54	51.47	-101.94	-6.51	-43.96	-74.38	59.04	-6.51	36.94	15.59	-30.98
		849	7.10	56.26	-98.91	-3.55	-39.10	-75.52	37.84	-8.71	36.80	-7.67	-6.87
		840	6.97	55.61	-97.32	-3.64	-38.07	-74.50	29.56	-18.87	29.07	-18.38	-4.86
657	45	839	3.67	19.95	-56.23	-3.30	-32.98	-35.08	22.99	-3.56	20.62	-1.19	-7.57
		848	4.04	19.71	-59.94	-2.75	-37.48	-35.84	41.85	0.71	29.84	12.71	-18.70
		849	3.88	23.48	-57.00	-0.90	-32.62	-36.98	30.37	-2.37	28.40	-0.41	-7.78
		840	3.74	22.67	-55.42	-1.16	-31.59	-35.96	21.70	-7.78	20.33	-6.41	-6.20
657	77	839	3.43	17.59	-53.06	-3.06	-32.41	-32.13	22.59	-2.91	20.04	-0.37	-7.65
		848	3.79	17.44	-56.82	-2.46	-36.92	-32.90	40.60	1.15	29.29	12.46	-17.84
		849	3.64	21.09	-53.85	-0.70	-32.05	-34.04	29.85	-2.00	27.75	0.11	-7.91
		840	3.50	20.26	-52.28	-1.00	-31.03	-33.02	21.16	-7.08	19.65	-5.57	-6.37
658	5	840	7.70	61.00	-113.26	-5.72	-46.53	-84.71	29.72	-14.23	29.40	-13.91	3.78
		849	7.85	61.32	-114.90	-5.94	-47.63	-85.61	38.64	-9.71	38.61	-9.67	1.33
		850	7.75	64.58	-111.97	-3.53	-43.87	-85.94	-11.93	-16.42	-12.42	-15.92	1.41
		841	7.80	64.14	-111.92	-3.08	-44.70	-85.53	-14.63	-25.13	-19.29	-20.47	5.22
658	37	840	4.11	24.83	-63.60	-2.54	-36.23	-40.88	20.43	-4.80	20.22	-4.58	-2.33
		849	4.27	25.48	-65.13	-2.32	-37.33	-41.79	29.93	-2.15	29.36	-1.58	-4.24
		850	4.16	27.80	-62.47	-1.11	-33.57	-42.12	3.57	-9.26	1.92	-7.61	-4.29
		841	4.07	27.16	-62.66	-1.10	-34.40	-41.71	-4.62	-11.11	-4.79	-10.94	-1.02
658	69	840	3.84	22.16	-59.90	-2.29	-35.44	-37.53	19.85	-4.22	19.52	-3.88	-2.81
		849	4.00	22.84	-61.42	-2.04	-36.54	-38.43	29.37	-1.69	28.65	-0.97	-4.67
		850	3.89	25.06	-58.76	-0.92	-32.78	-38.76	4.90	-8.88	3.01	-6.99	-4.74
		841	3.81	24.41	-58.97	-0.94	-33.61	-38.36	-3.36	-10.56	-3.69	-10.23	-1.51
659	5	841	8.34	63.84	-123.12	-4.82	-54.46	-90.12	-14.28	-28.82	-19.83	-23.26	7.06
		850	8.28	63.85	-123.32	-5.82	-53.66	-90.48	-9.12	-14.96	-11.85	-12.23	2.92
		851	8.34	64.79	-122.01	-6.13	-51.09	-90.65	-15.30	-29.39	-24.41	-20.28	6.74
		842	8.47	64.97	-122.94	-5.13	-52.84	-90.88	-18.85	-41.32	-28.68	-31.49	11.15
659	37	841	4.35	26.71	-68.97	-2.14	-40.12	-43.91	-5.10	-12.28	-5.10	-12.28	-0.13
		850	4.41	27.09	-68.81	-2.41	-39.31	-44.26	3.45	-7.30	2.07	-5.92	-3.59
		851	4.33	27.82	-67.33	-2.76	-36.75	-44.44	-8.03	-13.76	-8.26	-13.54	-1.12
		842	4.34	27.65	-68.65	-2.51	-38.49	-44.66	-10.97	-20.80	-11.70	-20.07	2.57
659	69	841	4.07	23.96	-64.90	-1.93	-39.02	-40.37	-3.92	-11.52	-3.99	-11.46	-0.69
		850	4.13	24.36	-64.72	-2.15	-38.21	-40.73	4.77	-7.09	3.13	-5.45	-4.09
		851	4.05	25.06	-63.20	-2.50	-35.65	-40.90	-6.57	-13.49	-7.03	-13.03	-1.73
		842	4.06	24.87	-64.56	-2.30	-37.39	-41.13	-10.01	-19.61	-10.41	-19.22	1.91
660	5	842	8.88	64.90	-132.51	-6.36	-61.25	-94.81	-26.48	-61.37	-33.20	-54.65	13.76
		851	8.78	63.98	-131.46	-7.99	-59.48	-94.27	-19.28	-39.86	-27.01	-32.12	9.97
		852	9.02	61.72	-133.70	-13.93	-58.05	-95.19	-19.72	-58.05	-37.54	-40.23	19.12
		843	9.05	62.12	-134.33	-12.49	-59.72	-95.34	-28.39	-76.59	-41.81	-63.17	21.60
660	37	842	4.65	27.34	-74.23	-3.30	-43.59	-46.62	-13.05	-31.86	-13.85	-31.06	3.80
		851	4.56	27.03	-72.66	-3.80	-41.83	-46.08	-9.64	-19.29	-9.67	-19.26	0.48
		852	4.51	25.95	-73.68	-7.34	-40.39	-47.00	-14.98	-30.04	-18.13	-26.90	6.13
		843	4.57	25.76	-74.84	-7.02	-42.06	-47.15	-17.14	-42.29	-20.34	-39.09	8.38
660	69	842	4.36	24.54	-69.84	-3.06	-42.24	-42.93	-11.85	-29.81	-12.38	-29.29	3.03
		851	4.27	24.27	-68.23	-3.48	-40.48	-42.39	-8.34	-18.30	-8.35	-18.30	-0.26

		852	4.19	23.27	-69.14	-6.84	-39.04	-43.31	-14.37	-28.17	-16.65	-25.89	5.12
		843	4.28	23.03	-70.34	-6.60	-40.71	-43.46	-16.15	-39.85	-18.71	-37.28	7.36
661	5	843	8.84	58.60	-138.01	-13.61	-65.80	-94.78	-40.85	-91.40	-46.16	-86.09	15.49
		852	8.87	56.15	-135.37	-15.27	-63.95	-92.61	-42.21	-127.81	-52.76	-117.25	28.15
		853	9.06	60.84	-137.08	-13.53	-62.71	-95.86	-20.45	-116.69	-22.95	-114.18	15.32
		844	8.96	58.56	-134.19	-11.44	-64.18	-92.70	-17.73	-89.68	-17.97	-89.45	4.08
661	37	843	4.83	24.23	-78.08	-7.78	-46.08	-47.44	-21.31	-50.63	-22.38	-49.56	5.50
		852	4.63	22.50	-74.94	-8.21	-44.23	-45.27	-22.68	-66.04	-25.28	-63.44	10.30
		853	4.93	25.40	-77.40	-9.01	-42.98	-48.51	-12.09	-64.61	-12.88	-63.82	6.40
		844	4.80	22.53	-75.16	-8.18	-44.46	-45.35	-11.24	-56.17	-11.30	-56.12	1.59
661	69	843	4.53	21.66	-73.55	-7.33	-44.56	-43.81	-19.75	-47.65	-20.58	-46.83	4.73
		852	4.34	19.99	-70.37	-7.66	-42.72	-41.64	-21.11	-61.46	-23.20	-59.38	8.94
		853	4.62	22.72	-72.86	-8.66	-41.47	-44.89	-11.45	-60.69	-12.12	-60.02	5.72
		844	4.49	19.82	-70.69	-7.93	-42.94	-41.73	-10.76	-53.67	-10.80	-53.63	1.40
662	21	846	19.11	212.11	-52.11	99.98	60.02	-130.59	-380.30	-977.38	-380.30	-977.38	-0.40
		36	49.73	54.28	-208.02	47.36	-201.09	42.05	2155.02	-619.49	-465.41	2000.93	-635.43
		70	18.56	67.32	-154.29	-1.25	-85.72	-102.44	441.49	-327.33	183.18	-69.02	363.14
		845	7.15	-31.99	-67.57	-44.61	-54.95	-17.02	402.19	19.04	82.02	339.21	-142.01
662	53	846	18.20	163.72	-33.19	65.16	65.37	-98.45	-204.01	-909.49	-215.44	-898.06	89.07
		36	46.64	39.04	-219.19	15.59	-195.74	74.19	2021.24	-495.70	-340.48	1866.02	-605.46
		70	13.93	46.60	-119.30	7.68	-80.37	-70.30	304.29	-399.69	138.47	-233.87	298.73
		845	8.97	-28.17	-60.26	-38.83	-49.60	15.12	452.67	25.55	91.36	386.87	-154.20
662	85	846	18.16	160.23	-31.90	62.57	65.77	-96.05	-190.14	-905.22	-203.18	-892.18	95.68
		36	46.43	38.33	-220.45	13.23	-195.35	76.59	2011.45	-486.53	-331.19	1856.10	-603.26
		70	13.60	45.18	-116.82	8.34	-79.98	-67.90	294.89	-405.76	135.17	-246.04	293.94
		845	9.13	-25.47	-62.14	-38.41	-49.20	17.52	456.38	26.01	92.00	390.38	-155.07
663	4	845	7.12	61.50	-80.81	8.78	-28.09	68.72	75.76	-40.59	-38.00	73.17	-17.16
		70	10.29	47.16	-105.98	11.14	-69.95	64.95	304.64	-33.90	-33.90	304.63	1.73
		73	6.37	44.85	-74.10	8.30	-37.55	54.88	221.16	86.81	111.51	196.46	52.04
		847	6.49	54.51	-86.62	-2.82	-29.29	69.32	117.05	85.19	112.78	89.46	10.85
663	36	845	3.74	24.72	-51.39	4.19	-30.86	33.78	43.89	-22.78	-22.24	43.35	5.96
		70	7.53	15.02	-82.98	4.76	-72.72	30.01	205.42	-22.34	-22.24	205.31	-4.82
		73	3.26	13.47	-47.71	6.08	-40.32	19.94	103.21	48.01	62.75	88.47	24.42
		847	3.72	20.08	-54.72	-2.58	-32.05	34.37	78.61	50.37	77.75	51.22	-4.84
663	68	845	3.51	22.07	-49.28	3.85	-31.07	31.11	42.05	-22.02	-21.07	41.10	7.72
		70	7.34	12.98	-81.63	4.28	-72.93	27.34	197.95	-21.55	-21.42	197.82	-5.31
		73	3.12	11.63	-46.24	5.91	-40.52	17.27	94.44	44.95	59.08	80.32	22.35
		847	3.54	17.60	-52.42	-2.57	-32.26	31.71	76.40	47.05	75.12	48.33	-5.99
664	1	847	7.33	48.98	-95.76	-2.05	-44.72	-69.15	2.60	-72.22	-42.93	-26.69	-36.52
		73	7.77	53.09	-110.52	-2.91	-54.52	-77.63	59.04	10.52	44.87	24.68	-22.06
		75	7.17	59.02	-100.32	-1.03	-40.27	-77.22	55.79	24.19	54.47	25.51	6.32
		848	6.95	56.42	-92.45	2.43	-38.46	-71.57	49.66	-34.15	49.51	-34.00	-3.56
664	33	847	3.90	18.02	-58.67	-0.75	-39.89	-32.98	13.56	-27.29	-10.68	-3.05	-20.06
		73	4.52	22.81	-73.39	-0.89	-49.68	-41.45	34.86	14.09	30.47	18.49	-8.48
		75	4.05	27.37	-62.25	0.55	-35.44	-41.04	44.49	17.30	44.48	17.31	0.42
		848	3.95	23.62	-55.51	1.73	-33.62	-35.40	37.52	-13.48	36.62	-12.59	-6.70
664	65	847	3.65	15.84	-56.01	-0.65	-39.52	-30.22	14.40	-23.94	-8.27	-1.27	-18.85
		73	4.29	20.66	-70.71	-0.74	-49.32	-38.69	33.08	14.31	29.37	18.03	-7.48
		75	3.84	25.05	-59.44	0.67	-35.07	-38.28	43.73	16.69	43.73	16.69	-0.04
		848	3.73	21.23	-52.80	1.68	-33.26	-32.63	36.66	-11.99	35.64	-10.98	-6.95
665	1	848	7.00	55.26	-102.91	-1.85	-45.80	-75.97	44.28	18.60	44.27	18.62	-0.58
		75	7.51	59.32	-109.49	-2.31	-47.87	-81.27	58.71	-17.41	57.98	-16.68	7.42
		77	8.21	62.54	-102.41	-0.53	-39.35	-80.15	70.14	-28.52	60.06	-18.43	-29.89
		849	7.93	60.86	-99.03	2.41	-40.58	-77.00	67.11	-9.81	43.56	13.75	-35.46
665	33	848	3.93	22.80	-61.34	-0.34	-38.20	-37.57	34.16	12.62	32.73	14.06	-5.36
		75	4.40	26.88	-67.64	-0.50	-40.27	-42.87	46.08	-2.94	45.97	-2.83	2.32
		77	4.60	29.08	-60.41	0.42	-31.75	-41.75	53.30	-10.52	47.84	-5.06	-17.84
		849	4.36	26.84	-57.89	1.93	-32.98	-38.60	45.98	-5.00	31.83	9.15	-22.83
665	65	848	3.70	20.44	-58.29	-0.22	-37.62	-34.64	33.51	12.04	31.85	13.71	-5.74
		75	4.17	24.49	-64.54	-0.36	-39.69	-39.94	45.14	-1.87	45.06	-1.79	1.92
		77	4.33	26.58	-57.26	0.49	-31.17	-38.82	52.02	-9.17	46.90	-4.05	-16.94
		849	4.09	24.32	-54.83	1.89	-32.40	-35.67	44.38	-4.66	30.93	8.79	-21.88
666	1	849	7.72	59.07	-109.57	-1.38	-49.11	-80.87	43.53	-11.80	43.11	-11.39	-4.75
		77	8.48	62.09	-112.11	-2.05	-47.96	-84.02	71.93	-2.55	57.65	11.73	-29.32
		79	8.30	63.52	-107.06	-1.22	-42.32	-82.78	27.15	-37.51	-3.12	-7.24	-32.26
		850	7.53	63.09	-106.07	2.27	-45.25	-81.17	-12.14	-19.03	-14.61	-16.56	-3.31
666	37	849	4.33	25.37	-64.15	-0.08	-38.71	-40.38	33.75	-4.13	31.92	-2.30	-8.13
		77	4.74	28.23	-66.35	-0.57	-37.55	-43.53	53.50	2.55	46.80	9.24	-17.21
		79	4.52	29.08	-61.22	-0.24	-31.91	-42.28	25.96	-16.57	11.96	-2.57	-19.98
		850	4.19	28.02	-61.17	1.70	-34.84	-40.68	5.72	-12.45	1.07	-7.81	-7.93
666	69	849	4.08	22.92	-60.72	0.02	-37.82	-37.30	33.05	-3.71	30.99	-1.65	-8.45
		77	4.46	25.75	-62.87	-0.45	-36.66	-40.44	52.10	2.83	45.91	9.02	-16.33
		79	4.24	26.53	-57.72	-0.16	-31.02	-39.20	25.99	-15.14	13.08	-2.24	-19.08
		850	3.94	25.44	-57.75	1.65	-33.96	-37.59	7.10	-12.04	2.24	-7.18	-8.33
667	5	850	7.85	58.34	-118.13	-2.41	-57.38	-83.85	-11.60	-14.52	-13.78	-12.34	-1.27
		79	8.66	60.29	-118.10	-3.32	-54.50	-85.45	18.59	-41.67	-5.24	-17.84	-29.46
		81	8.43	62.29	-113.53	-0.41	-50.83	-84.22	-2.18	-55.31	-31.38	-26.11	-26.43

		851	7.88	61.21	-115.55	0.49	-54.83	-83.94	-20.09	-32.54	-31.78	-20.86	-2.98
667	37	850	4.38	25.68	-67.55	-0.75	-41.11	-42.02	5.66	-10.56	1.14	-6.04	-7.28
		79	4.74	27.48	-67.18	-1.47	-38.23	-43.62	22.30	-19.50	10.50	-7.70	-18.81
		81	4.52	28.35	-63.13	-0.21	-34.56	-42.39	4.47	-30.24	-10.73	-15.05	-17.22
		851	4.36	27.34	-65.47	0.43	-38.57	-42.11	-5.38	-20.22	-11.92	-13.69	-7.37
667	69	850	4.12	23.25	-63.74	-0.63	-39.87	-38.82	7.03	-10.33	2.27	-5.57	-7.74
		79	4.45	25.02	-63.33	-1.33	-36.98	-40.42	22.66	-17.90	11.69	-6.93	-18.01
		81	4.23	25.79	-59.31	-0.20	-33.32	-39.19	5.05	-28.40	-9.14	-14.21	-16.53
		851	4.09	24.80	-61.69	0.43	-37.32	-38.91	-3.94	-19.60	-10.40	-13.14	-7.71
668	5	851	8.57	60.23	-130.82	-1.55	-69.03	-89.37	-32.77	-34.44	-34.44	-32.77	-0.05
		81	8.92	60.08	-129.05	-3.95	-65.01	-89.50	25.46	-40.01	-25.37	10.82	-27.28
		83	8.80	53.13	-130.94	-14.48	-63.33	-88.74	10.34	-50.46	-42.89	2.76	20.08
		852	8.74	53.66	-134.01	-12.57	-67.78	-89.69	-23.59	-63.35	-46.22	-40.73	19.69
668	37	851	4.74	26.65	-73.80	-0.74	-46.41	-44.73	-9.84	-23.10	-13.49	-19.46	-5.92
		81	4.77	26.92	-71.43	-2.12	-42.39	-44.86	15.67	-21.22	-8.13	2.58	-17.66
		83	4.45	23.09	-71.19	-7.39	-40.70	-44.10	-2.79	-26.55	-24.40	-4.94	6.83
		852	4.46	23.17	-74.85	-6.53	-45.16	-45.05	-18.58	-30.61	-22.31	-26.88	5.57
668	69	851	4.45	24.14	-69.49	-0.67	-44.68	-41.32	-8.00	-22.34	-11.88	-18.45	-6.37
		81	4.46	24.42	-67.05	-1.98	-40.65	-41.45	15.06	-19.92	-6.81	1.95	-16.93
		83	4.12	20.83	-66.65	-6.85	-38.97	-40.68	-3.78	-24.73	-22.98	-5.53	5.81
		852	4.19	20.88	-70.37	-6.07	-43.42	-41.63	-17.94	-28.37	-20.48	-25.84	4.48
669	5	852	8.96	46.42	-147.78	-14.23	-87.13	-90.00	-47.66	-129.57	-59.66	-117.57	28.96
		83	8.85	41.86	-141.58	-18.46	-81.26	-86.17	-57.17	-179.48	-78.19	-158.46	46.15
		35	9.14	43.25	-148.88	-19.83	-85.80	-90.22	-23.17	-153.62	-31.31	-145.48	31.55
		853	9.04	46.02	-143.15	-13.53	-83.61	-87.85	-19.87	-115.07	-22.20	-112.74	14.70
669	37	852	5.05	20.13	-83.69	-7.71	-55.85	-45.99	-25.65	-65.89	-28.26	-63.28	9.91
		83	4.58	17.29	-76.42	-9.15	-49.98	-42.17	-34.52	-90.87	-42.44	-82.95	19.59
		35	5.02	17.69	-84.11	-11.90	-54.52	-46.22	-13.27	-77.83	-17.03	-74.07	15.12
		853	4.91	18.24	-79.58	-9.01	-52.33	-43.85	-11.47	-63.04	-12.13	-62.38	5.78
669	69	852	4.76	18.16	-78.82	-7.21	-53.45	-42.63	-23.84	-61.20	-25.86	-59.18	8.46
		83	4.29	15.45	-71.47	-8.43	-47.58	-38.80	-32.77	-84.15	-39.71	-77.21	17.56
		35	4.71	15.76	-79.18	-11.29	-52.12	-42.85	-12.52	-72.07	-15.94	-68.65	13.86
		853	4.59	16.14	-74.73	-8.66	-49.93	-40.48	-10.82	-59.12	-11.37	-58.58	5.10
670	25	150	64.55	199.06	-44.89	-36.99	191.17	43.17	-114.61	-3853.82	-3762.46	-205.97	577.30
		869	37.76	39.25	28.85	30.50	37.59	3.80	2148.99	-597.75	887.93	663.31	-1368.77
		865	10.49	8.16	-46.64	-23.65	-14.83	27.04	458.32	-256.62	-245.02	446.71	90.34
		38	105.70	213.32	27.87	74.75	166.44	-80.60	6733.14	447.09	4649.49	2530.74	-2959.11
670	57	150	62.88	163.69	-42.78	-39.17	160.07	27.07	-148.23	-3837.71	-3731.38	-254.56	617.26
		869	38.33	39.32	23.43	31.86	30.89	-7.93	2139.27	-575.17	919.80	644.30	-1350.21
		865	10.33	16.20	-42.51	-8.68	-17.63	29.02	419.34	-324.52	-308.65	403.47	107.47
		38	103.89	190.92	21.68	74.69	137.91	-78.49	6624.12	432.91	4579.90	2477.14	-2911.59
670	89	150	62.76	161.14	-42.67	-39.33	157.80	25.87	-150.50	-3836.59	-3729.09	-258.01	620.26
		869	38.37	40.02	22.34	31.96	30.40	-8.80	2138.62	-573.50	922.17	642.96	-1348.85
		865	10.32	16.91	-42.29	-7.55	-17.83	29.15	416.55	-329.58	-313.38	400.35	108.74
		38	103.76	189.36	21.17	74.71	135.83	-78.35	6616.07	431.99	4574.75	2473.31	-2908.05
671	1	141	16.95	138.06	-6.12	11.42	120.52	47.13	-66.78	-1022.69	-987.11	-102.36	-180.95
		870	21.69	44.49	-25.25	-0.05	19.29	33.50	620.63	-819.22	-120.41	-78.18	-719.62
		869	15.37	27.69	-0.78	3.23	23.68	9.91	456.73	-669.09	-282.39	70.03	-534.62
		150	20.17	161.42	-6.90	-1.29	155.81	30.21	589.64	-810.70	-381.06	160.00	-645.80
671	33	141	15.75	101.19	-0.98	7.82	92.39	28.66	-109.25	-1006.32	-975.30	-140.27	-163.89
		870	19.58	30.51	-7.31	0.98	22.22	15.65	590.39	-801.66	-107.87	-103.40	-696.02
		869	13.75	26.25	5.89	6.05	26.09	1.80	424.51	-623.22	-244.25	45.54	-503.43
		150	18.63	131.98	-3.98	-0.51	128.50	21.45	553.62	-773.57	-344.92	124.97	-620.61
671	65	141	15.67	98.45	-0.63	7.54	90.28	27.26	-112.47	-1005.09	-974.42	-143.13	-162.58
		870	19.42	29.59	-6.10	1.06	22.44	14.29	588.12	-800.30	-106.94	-105.25	-694.21
		869	13.72	26.34	6.20	6.27	26.27	1.18	422.11	-619.75	-241.39	43.76	-501.04
		150	18.52	129.77	-3.77	-0.45	126.45	20.79	550.90	-770.80	-342.22	122.33	-618.68
672	5	132	10.92	105.30	-14.12	5.29	85.89	44.06	18.79	-512.94	-419.23	-74.93	-202.60
		871	16.31	40.26	-31.63	-4.11	12.73	34.94	328.13	-678.95	-220.76	-130.06	-501.49
		870	17.31	31.81	-11.28	-1.50	22.03	18.05	386.69	-805.62	-304.16	-114.77	-588.59
		141	13.80	114.85	-4.07	5.56	105.23	32.44	45.64	-767.09	-625.65	-95.79	-308.13
672	37	132	9.10	75.15	-5.88	3.10	66.17	25.43	-9.05	-509.81	-430.73	-88.13	-182.61
		871	14.27	24.15	-12.46	-2.47	14.17	16.31	293.25	-672.92	-232.63	-147.04	-481.18
		870	15.92	25.59	-2.06	0.30	23.23	7.73	365.14	-782.65	-285.50	-132.01	-568.74
		141	12.45	91.54	-2.10	3.48	85.97	22.15	22.89	-739.76	-607.68	-109.18	-288.59
672	69	132	8.97	72.92	-5.31	2.94	64.68	24.02	-11.14	-509.57	-431.59	-89.12	-181.07
		871	14.11	23.01	-11.09	-2.35	14.27	14.89	290.59	-672.43	-233.52	-148.32	-479.62
		870	15.81	25.26	-1.51	0.43	23.31	6.95	363.50	-780.92	-284.12	-133.30	-567.22
		141	12.35	89.80	-1.96	3.32	84.52	21.37	21.16	-737.69	-606.35	-110.18	-287.09
673	5	123	8.54	84.10	-19.73	4.06	60.31	43.63	51.29	-305.44	-217.12	-37.03	-153.97
		872	12.95	33.33	-39.32	-3.81	-2.18	36.32	226.38	-517.59	-181.89	-109.32	-370.21
		871	14.76	20.83	-23.26	-6.20	3.78	21.47	302.15	-674.17	-237.17	-134.84	-485.47
		132	9.83	84.09	-10.45	1.84	71.80	31.80	34.42	-489.74	-382.78	-72.55	-211.25
673	37	123	6.54	57.83	-8.08	1.93	47.82	23.65	23.79	-304.51	-230.57	-50.16	-137.14
		872	10.88	17.57	-16.57	-2.37	3.37	16.83	194.25	-511.98	-195.57	-122.17	-351.20
		871	13.34	15.13	-8.46	-3.25	9.91	9.79	270.32	-666.33	-248.89	-147.12	-465.56
		132	8.58	65.94	-4.73	1.23	59.98	19.63	8.23	-487.23	-394.18	-84.82	-193.51

673	69	123	6.40	55.92	-7.28	1.77	46.88	22.13	21.71	-304.42	-231.56	-51.15	-135.85
		872	10.72	16.40	-14.88	-2.26	3.78	15.35	191.81	-511.52	-196.58	-123.14	-349.74
		871	13.23	14.81	-7.46	-3.02	10.37	8.90	267.90	-665.71	-249.77	-148.04	-464.02
		132	8.49	64.61	-4.33	1.18	59.09	18.71	6.25	-487.03	-395.03	-85.75	-192.14
674	1	114	7.06	65.26	-26.90	3.79	34.57	43.44	63.11	-186.33	-104.92	-18.30	-116.96
		873	10.41	26.62	-51.29	-3.56	-21.12	37.95	166.43	-374.11	-126.36	-81.32	-269.33
		872	11.74	11.58	-36.16	-6.90	-17.68	23.25	221.99	-515.70	-182.13	-111.58	-367.16
		123	7.40	58.79	-15.54	0.69	42.55	30.71	49.10	-308.23	-215.01	-44.13	-156.91
674	33	114	4.95	43.28	-10.50	1.63	31.15	22.48	35.75	-184.70	-120.10	-28.85	-100.34
		873	8.22	12.69	-22.96	-2.19	-8.08	17.58	134.23	-369.24	-141.81	-93.20	-250.56
		872	10.26	6.77	-14.45	-3.76	-3.92	10.61	191.17	-509.51	-195.82	-122.52	-348.41
		123	6.05	46.36	-6.29	0.36	39.71	17.48	24.34	-306.30	-228.38	-53.59	-140.33
674	65	114	4.79	41.71	-9.37	1.46	30.88	20.88	33.69	-184.56	-121.22	-29.65	-99.06
		873	8.06	11.64	-20.82	-2.09	-7.09	16.03	131.78	-368.83	-142.96	-94.10	-249.11
		872	10.14	6.46	-12.86	-3.53	-2.87	9.65	188.82	-509.00	-196.83	-123.34	-346.97
		123	5.96	45.50	-5.68	0.33	39.49	16.48	22.48	-306.14	-229.37	-54.30	-139.05
675	1	105	6.10	49.66	-36.94	3.35	9.37	43.20	69.55	-112.22	-37.09	-5.59	-89.51
		874	8.56	21.45	-65.20	-3.71	-40.03	39.34	125.59	-256.84	-74.77	-56.48	-191.00
		873	9.38	6.97	-52.52	-7.06	-38.49	25.26	163.80	-375.39	-126.71	-84.88	-268.78
		114	5.93	38.61	-24.81	-0.89	14.69	30.74	62.19	-191.21	-106.15	-22.88	-119.66
675	33	105	3.87	31.39	-14.06	1.36	15.98	21.52	38.94	-112.15	-57.89	-15.32	-72.49
		874	6.17	9.58	-30.42	-2.31	-18.52	18.28	90.13	-253.97	-95.90	-67.94	-171.48
		873	7.68	3.09	-23.16	-3.83	-16.24	11.56	132.24	-369.14	-141.94	-94.96	-249.59
		114	4.43	30.61	-9.20	-0.55	21.95	16.42	36.28	-188.48	-121.04	-31.16	-103.00
675	65	105	3.71	30.12	-12.44	1.21	16.47	19.86	36.66	-112.16	-59.44	-16.06	-71.18
		874	6.00	8.68	-27.77	-2.20	-16.89	16.68	87.44	-253.72	-97.47	-68.81	-169.98
		873	7.56	2.80	-20.93	-3.58	-14.55	10.52	129.84	-368.63	-143.06	-95.72	-248.11
		114	4.32	30.16	-8.18	-0.52	22.49	15.33	34.34	-188.26	-122.14	-31.78	-101.72
676	1	96	5.61	38.52	-50.17	3.87	-15.52	43.27	67.82	-70.40	-1.00	-1.59	-69.11
		875	7.50	18.74	-80.83	-2.53	-59.56	40.81	106.32	-161.12	-25.59	-29.22	-133.71
		874	7.79	4.38	-72.17	-7.65	-60.14	27.86	122.18	-259.43	-75.59	-61.65	-190.68
		105	5.25	25.55	-39.79	-1.42	-12.82	32.17	67.30	-119.08	-39.01	-12.78	-92.26
676	33	96	3.17	22.43	-18.71	1.61	2.11	20.57	32.74	-73.39	-31.70	-8.95	-51.83
		875	4.79	8.04	-38.23	-1.89	-28.30	19.00	65.22	-162.46	-56.57	-40.67	-113.56
		874	5.72	1.41	-33.62	-4.19	-28.02	12.84	87.12	-254.59	-96.36	-71.11	-170.39
		105	3.44	18.96	-14.17	-0.86	5.65	16.25	38.62	-116.98	-59.49	-18.87	-75.10
676	65	96	2.99	21.31	-16.43	1.44	3.44	18.84	30.21	-73.73	-34.01	-9.51	-50.50
		875	4.59	7.23	-35.00	-1.84	-25.93	17.34	62.13	-162.56	-58.90	-41.53	-112.01
		874	5.57	1.18	-30.69	-3.93	-25.58	11.70	84.46	-254.19	-97.91	-71.82	-168.82
		105	3.31	18.65	-12.43	-0.82	7.04	15.04	36.49	-116.84	-61.01	-19.34	-73.78
677	1	87	5.27	17.98	-68.03	-3.86	-46.19	37.44	66.01	-50.42	7.95	7.64	-58.22
		876	7.59	10.24	-96.59	-8.28	-78.08	40.43	134.45	-103.13	19.76	11.57	-118.72
		875	6.97	4.53	-91.39	-7.20	-79.67	31.42	98.79	-166.08	-21.92	-45.38	-131.91
		96	5.11	14.81	-61.52	-1.99	-44.71	31.63	61.33	-87.36	-12.37	-13.66	-74.35
677	33	87	2.60	9.66	-24.78	-2.04	-13.08	16.31	29.93	-55.05	-29.91	4.79	-38.79
		876	4.54	4.44	-45.11	-4.37	-36.30	18.95	89.40	-102.23	-18.79	5.96	-95.01
		875	4.37	1.08	-43.22	-4.30	-37.84	14.48	58.21	-161.00	-52.25	-50.54	-109.60
		96	2.87	9.62	-22.21	-1.02	-11.56	15.02	28.59	-86.75	-41.98	-16.17	-56.21
677	65	87	2.40	9.09	-21.57	-1.90	-10.57	14.70	27.62	-55.78	-32.74	4.58	-37.29
		876	4.32	4.00	-41.20	-4.07	-33.12	17.31	86.12	-102.26	-21.68	5.54	-93.20
		875	4.18	0.82	-39.56	-4.08	-34.66	13.19	55.19	-160.64	-54.52	-50.93	-107.90
		96	2.72	9.34	-19.34	-0.95	-9.06	13.75	26.27	-86.83	-44.20	-16.36	-54.81
678	4	72	9.70	138.10	-15.87	-1.40	123.63	-44.92	185.96	-78.83	-67.07	174.20	54.55
		877	10.51	110.89	-5.86	4.35	100.68	-32.98	214.59	-172.96	-138.78	180.42	-109.90
		876	6.58	112.52	-6.61	8.18	97.73	-39.28	40.46	-65.09	-64.25	39.62	9.40
		87	8.24	138.30	-1.48	13.45	123.37	-43.17	-46.57	-220.12	-218.74	-47.95	-15.41
678	36	72	6.38	76.77	-8.53	-0.66	68.90	-24.69	188.52	-19.68	-12.56	181.40	37.84
		877	7.27	55.07	0.40	4.65	50.82	-14.64	218.13	-142.50	-84.77	160.39	-132.24
		876	3.51	54.32	-4.86	2.53	46.94	-19.56	24.71	-32.88	-28.46	20.29	-15.33
		87	5.23	74.66	0.23	7.13	67.75	-21.60	-34.02	-189.49	-181.71	-41.80	-33.90
678	69	72	3.75	4.33	-28.25	0.62	-24.54	10.35	194.69	78.29	79.11	193.87	9.71
		877	7.04	11.47	-41.23	5.14	-34.91	17.13	251.61	-111.52	5.60	134.49	-169.74
		876	3.19	-1.85	-45.84	-7.25	-40.44	14.44	71.93	-52.47	31.90	-12.44	-58.11
		87	3.77	4.08	-35.05	-3.70	-27.26	15.62	4.42	-154.49	-118.87	-31.20	-66.27
679	4	36	40.84	180.68	3.50	3.97	180.21	-9.12	2527.77	674.81	997.44	2205.14	702.66
		868	14.50	85.90	-65.79	-61.95	82.05	-23.84	230.43	-384.05	-344.95	191.32	-150.00
		877	12.41	108.13	9.56	15.80	101.89	-24.00	594.00	175.49	188.36	581.13	72.25
		72	21.87	237.25	-12.15	1.59	223.51	-56.92	13.18	-877.74	-707.08	-157.47	-350.60
679	36	36	36.23	89.95	38.23	38.53	89.65	3.94	2440.37	686.01	987.66	2138.71	661.97
		868	10.70	42.56	-25.91	-19.19	35.84	-20.36	213.82	-379.16	-320.80	155.46	-176.63
		877	9.35	50.23	12.57	14.52	48.29	-8.33	561.72	230.31	239.79	552.24	55.24
		72	17.16	130.81	-13.39	-8.42	125.84	-26.30	2.77	-877.38	-657.75	-216.86	-380.88
679	68	36	35.90	83.35	40.58	41.15	82.78	4.91	2433.66	686.86	986.93	2133.59	658.88
		868	10.44	39.60	-23.22	-15.94	32.32	-20.11	212.72	-379.07	-319.04	152.69	-178.66
		877	9.13	45.83	12.80	14.42	44.21	-7.14	559.24	234.35	243.59	550.01	54.00
		72	16.84	122.78	-13.53	-9.18	118.43	-23.97	2.21	-877.78	-654.13	-221.44	-383.14
680	5	869	17.71	51.64	-1.51	12.63	37.50	23.48	626.94	-586.73	-61.00	101.21	-601.39

		878	17.39	16.72	-36.92	4.23	-24.43	22.67	737.67	-415.87	69.48	252.33	-569.47
		866	13.87	5.81	-52.53	-15.72	-31.00	28.15	700.74	-76.09	136.87	487.78	-346.53
		865	18.38	43.29	-15.99	2.05	25.25	27.27	1253.65	243.74	563.52	933.87	-469.78
680	37	869	15.98	34.84	8.04	13.34	29.53	10.68	589.54	-571.75	-48.38	66.16	-577.81
		878	15.87	9.83	-29.23	5.17	-24.56	12.67	692.82	-411.09	61.13	220.61	-546.17
		866	12.61	7.30	-40.94	-6.43	-27.21	21.77	651.96	-71.61	122.90	457.45	-320.79
		865	17.09	32.60	-4.93	8.74	18.93	18.06	1202.13	248.39	550.08	900.43	-443.53
680	69	869	15.85	33.59	8.73	13.39	28.93	9.71	586.78	-570.58	-47.44	63.64	-576.01
		878	15.75	9.41	-28.75	5.24	-24.57	11.91	689.47	-410.67	60.49	218.31	-544.38
		866	12.51	7.45	-40.10	-5.72	-26.93	21.28	648.33	-71.22	121.86	455.24	-318.83
		865	16.99	31.81	-4.10	9.26	18.46	17.36	1198.31	248.80	549.08	898.02	-441.53
681	5	870	16.03	37.63	-14.86	6.77	15.99	25.84	281.39	-743.48	-282.66	-179.42	-509.83
		879	14.71	12.11	-46.87	3.38	-38.13	20.95	437.28	-554.22	-28.63	-88.31	-494.85
		878	13.44	6.91	-49.21	-0.02	-42.27	18.47	521.31	-358.33	56.77	106.22	-439.13
		869	17.11	30.75	0.16	10.52	20.38	14.48	748.67	-473.50	43.04	232.13	-603.73
681	37	870	14.15	26.44	-2.45	3.76	20.24	11.86	242.93	-721.19	-274.68	-203.58	-480.75
		879	12.88	4.59	-32.41	2.79	-30.61	7.96	405.41	-537.23	-20.35	-111.48	-469.11
		878	11.94	5.35	-36.85	2.47	-33.97	10.65	478.79	-346.16	49.96	82.67	-412.15
		869	15.51	26.25	9.36	11.46	24.15	5.57	700.13	-460.14	32.64	207.35	-573.52
681	69	870	14.01	25.79	-1.71	3.53	20.56	10.80	240.03	-719.48	-274.09	-205.36	-478.52
		879	12.75	4.17	-31.47	2.75	-30.04	6.97	403.02	-535.91	-19.74	-113.15	-467.14
		878	11.82	5.28	-35.96	2.66	-33.34	10.05	475.59	-345.19	49.44	80.96	-410.08
		869	15.38	26.08	9.88	11.52	24.43	4.89	696.46	-459.07	31.87	205.52	-571.20
682	5	871	13.81	32.15	-17.57	3.97	10.62	24.64	239.79	-631.27	-243.61	-147.87	-432.89
		880	13.29	6.74	-58.67	-1.59	-50.34	21.80	310.60	-572.94	-71.43	-190.91	-437.71
		879	13.14	1.47	-53.24	-0.51	-51.27	10.20	379.91	-561.74	-55.18	-126.65	-469.47
		870	15.34	26.65	-0.90	6.61	19.14	12.27	375.24	-703.71	-224.24	-104.24	-536.13
682	37	871	12.11	19.79	-5.33	1.51	12.95	11.18	202.78	-618.65	-251.34	-164.53	-408.41
		880	11.52	1.03	-38.20	-0.87	-36.30	8.42	274.96	-561.26	-76.93	-209.37	-412.83
		879	11.85	0.77	-37.11	0.48	-36.83	3.28	350.57	-542.63	-47.14	-144.92	-443.91
		870	14.10	22.78	2.91	4.43	21.27	5.27	344.54	-681.89	-216.76	-120.59	-510.96
682	69	871	11.98	18.96	-4.52	1.32	13.12	10.15	199.96	-617.66	-251.92	-165.78	-406.53
		880	11.39	0.70	-36.76	-0.82	-35.23	7.40	272.26	-560.34	-77.34	-210.75	-410.92
		879	11.83	0.76	-35.94	0.55	-35.73	2.75	348.35	-541.17	-46.55	-146.27	-441.95
		870	14.01	22.65	3.04	4.26	21.43	4.74	342.20	-680.22	-216.20	-121.82	-509.03
683	5	872	11.19	25.48	-24.83	3.48	-2.83	24.96	185.08	-490.52	-187.66	-117.78	-335.99
		881	11.16	5.21	-70.56	-2.24	-63.11	22.56	221.99	-488.30	-80.37	-185.94	-351.20
		880	11.93	-2.98	-65.40	-4.17	-64.21	8.56	296.32	-568.95	-77.12	-195.51	-428.57
		871	12.75	14.23	-9.36	1.77	3.10	11.77	253.35	-624.67	-229.59	-141.73	-436.80
683	37	872	9.47	13.37	-9.27	1.16	2.94	11.28	151.29	-476.44	-195.11	-130.04	-312.17
		881	9.36	0.68	-44.28	-1.32	-42.28	9.27	186.75	-476.11	-88.46	-200.90	-326.63
		880	11.35	-1.95	-42.90	-2.07	-42.79	2.20	262.39	-555.14	-82.48	-210.26	-403.74
		871	11.62	11.68	-1.68	0.64	9.36	5.06	220.63	-608.76	-234.46	-153.67	-412.72
683	69	872	9.34	12.48	-8.14	0.98	3.37	10.24	148.71	-475.34	-195.67	-130.96	-310.34
		881	9.22	0.40	-42.36	-1.25	-40.70	8.25	184.07	-475.16	-89.06	-202.02	-324.74
		880	11.32	-1.83	-41.23	-1.91	-41.16	1.72	259.81	-554.06	-82.89	-211.37	-401.83
		871	11.53	11.69	-1.31	0.55	9.83	4.55	218.13	-607.52	-234.83	-154.57	-410.87
684	1	873	8.90	19.26	-36.88	3.64	-21.26	25.15	140.13	-360.82	-131.80	-88.89	-249.55
		882	9.19	4.71	-83.54	-1.93	-76.91	23.27	159.50	-380.08	-67.16	-153.42	-266.32
		881	10.27	-4.03	-79.56	-5.17	-78.42	9.22	218.66	-485.98	-80.40	-186.91	-348.28
		872	10.07	6.33	-23.62	0.43	-17.72	11.91	186.37	-488.92	-183.28	-119.27	-336.13
684	33	873	7.11	8.86	-15.85	1.27	-8.26	11.40	106.52	-346.90	-140.75	-99.63	-225.77
		882	7.23	0.91	-50.66	-1.15	-48.61	10.08	123.89	-367.51	-76.64	-166.98	-241.52
		881	9.52	-2.48	-49.62	-2.67	-49.43	2.93	184.29	-472.64	-88.29	-200.07	-323.68
		872	8.91	3.29	-7.55	-0.22	-4.04	5.07	154.02	-474.10	-190.57	-129.51	-312.57
684	65	873	6.97	8.07	-14.25	1.09	-7.27	10.35	103.95	-345.81	-141.41	-100.45	-223.94
		882	7.08	0.66	-48.21	-1.09	-46.46	9.07	121.18	-366.53	-77.35	-168.00	-239.61
		881	9.47	-2.34	-47.36	-2.48	-47.23	2.45	181.67	-471.60	-88.88	-201.06	-321.78
		872	8.83	3.12	-6.39	-0.27	-3.00	4.55	151.55	-472.95	-191.11	-130.29	-310.76
685	1	874	7.21	14.90	-51.81	3.63	-40.54	25.00	106.22	-256.66	-86.03	-64.42	-181.12
		883	7.80	4.42	-96.54	-1.49	-90.62	23.71	118.96	-278.55	-44.37	-115.22	-195.57
		882	8.78	-3.75	-93.58	-5.00	-92.33	10.51	158.34	-380.84	-66.99	-155.51	-265.93
		873	7.94	3.68	-42.53	-0.01	-38.83	12.54	139.47	-363.46	-131.66	-92.32	-250.70
685	33	874	5.26	6.35	-24.01	1.21	-18.87	11.39	70.93	-242.83	-97.96	-73.93	-156.42
		883	5.53	1.09	-56.88	-0.98	-54.81	10.74	81.04	-266.07	-56.93	-128.10	-169.86
		882	7.61	-2.28	-56.12	-2.58	-55.83	4.00	122.91	-367.02	-76.31	-167.80	-240.65
		873	6.61	1.21	-18.11	-0.43	-16.47	5.39	106.62	-348.13	-140.32	-101.19	-226.53
685	65	874	5.11	5.69	-21.90	1.02	-17.23	10.35	68.23	-241.74	-98.86	-74.65	-154.52
		883	5.45	0.86	-53.89	-0.94	-52.09	9.76	78.15	-265.09	-57.87	-129.07	-167.88
		882	7.53	-2.15	-53.29	-2.39	-53.05	3.51	120.21	-365.94	-77.00	-168.73	-238.71
		873	6.52	1.03	-16.26	-0.46	-14.77	4.85	104.11	-346.93	-140.96	-101.86	-224.67
686	1	875	6.24	9.94	-68.87	1.81	-60.74	23.97	87.22	-175.20	-49.76	-38.22	-131.08
		884	7.37	2.95	-109.93	-2.44	-104.53	24.08	107.81	-195.65	-20.07	-67.77	-149.85
		883	7.79	-3.05	-107.66	-4.57	-106.13	12.52	115.83	-280.13	-44.46	-119.85	-194.36
		874	6.57	2.50	-63.38	-0.37	-60.52	13.44	104.12	-261.53	-87.98	-69.43	-182.59
686	33	875	3.98	3.81	-32.64	0.17	-28.99	10.94	50.60	-161.29	-64.48	-46.21	-105.55
		884	4.63	0.60	-63.15	-1.54	-61.01	11.47	64.82	-179.74	-35.50	-79.42	-120.29

		883	6.08	-1.95	-62.57	-2.43	-62.08	5.41	78.78	-266.50	-56.72	-131.01	-168.60
		874	4.87	0.54	-29.45	-0.67	-28.24	5.90	69.45	-245.90	-99.53	-76.93	-157.27
686	65	875	3.82	3.35	-29.89	0.04	-26.58	9.94	47.82	-160.20	-65.58	-46.81	-103.58
		884	4.44	0.43	-59.60	-1.47	-57.70	10.52	61.56	-178.50	-36.65	-80.29	-118.03
		883	5.96	-1.85	-59.15	-2.27	-58.73	4.87	75.95	-265.43	-57.64	-131.84	-166.61
		874	4.75	0.39	-26.88	-0.69	-25.79	5.32	66.80	-244.68	-100.39	-77.49	-155.32
687	1	876	6.41	2.98	-85.79	-3.30	-79.52	22.76	116.06	-109.02	-7.12	14.16	-112.03
		885	8.06	-0.73	-123.28	-6.16	-117.84	25.23	132.36	-116.05	0.63	15.67	-123.97
		884	7.21	-3.22	-121.17	-5.39	-119.00	15.83	104.62	-195.24	-18.54	-72.08	-147.52
		875	6.06	0.19	-83.03	-2.44	-80.40	14.55	83.58	-193.28	-56.20	-53.51	-138.42
687	33	876	3.77	0.73	-40.17	-2.09	-37.35	10.36	78.71	-92.65	-24.74	10.80	-83.81
		885	4.96	-0.80	-69.16	-3.21	-66.74	12.62	89.22	-101.53	-17.38	5.07	-94.71
		884	4.96	-2.13	-68.68	-3.00	-67.81	7.56	62.77	-178.00	-32.92	-82.32	-117.82
		875	3.83	-0.73	-39.29	-1.86	-38.16	6.50	46.33	-173.42	-70.28	-56.81	-109.67
687	65	876	3.57	0.56	-36.70	-2.00	-34.15	9.42	75.94	-91.44	-26.05	10.55	-81.66
		885	4.73	-0.80	-65.05	-2.99	-62.85	11.67	85.99	-100.41	-18.72	4.29	-92.49
		884	4.80	-2.04	-64.69	-2.82	-63.92	6.93	59.61	-176.66	-33.99	-83.07	-115.56
		875	3.68	-0.80	-35.96	-1.82	-34.95	5.89	43.52	-171.90	-71.33	-57.05	-107.47
688	1	877	9.27	14.40	-100.37	7.87	-93.84	26.58	255.01	-40.84	31.97	182.20	-127.44
		886	9.78	9.19	-133.50	4.84	-129.16	24.53	168.47	-81.07	-27.37	114.76	-102.56
		885	7.63	-5.66	-134.06	-8.81	-130.92	19.84	113.92	-124.64	10.77	-21.49	-118.19
		876	6.27	-3.60	-99.11	-7.57	-95.15	19.06	85.82	-178.43	-24.55	-68.05	-130.32
688	33	877	6.37	9.61	-46.35	6.61	-43.36	12.60	246.00	-22.15	20.20	203.65	-97.79
		886	6.67	5.27	-73.52	3.57	-71.82	11.46	159.66	-67.73	-39.88	131.81	-74.55
		885	4.77	-2.97	-74.47	-4.49	-72.96	10.31	84.92	-95.53	-5.50	-5.11	-90.23
		876	3.78	-2.81	-45.94	-4.65	-44.10	8.72	57.18	-144.37	-40.32	-46.87	-100.72
688	65	877	6.15	9.25	-42.25	6.52	-39.52	11.54	245.62	-21.00	19.34	205.27	-95.54
		886	6.44	4.98	-68.97	3.47	-67.46	10.47	159.34	-67.01	-40.79	133.13	-72.43
		885	4.55	-2.76	-69.94	-4.16	-68.55	9.58	82.85	-93.38	-6.69	-3.84	-88.10
		876	3.61	-2.75	-41.90	-4.43	-40.22	7.93	55.12	-141.87	-41.48	-45.27	-98.47
689	4	868	15.11	109.82	-15.13	1.90	92.79	-42.87	715.54	-16.70	-0.41	699.25	107.99
		867	11.37	111.66	-20.25	-11.19	102.60	-33.37	350.39	-97.50	-88.22	341.11	63.79
		886	10.02	105.57	8.39	10.15	103.81	-12.98	326.77	-33.98	-30.49	323.28	35.31
		877	10.06	107.60	0.51	4.28	103.83	-19.74	280.84	-61.69	-43.11	262.25	-77.60
689	49	868	12.02	34.00	-43.15	33.99	-43.14	1.05	598.43	-1.16	5.61	591.67	63.33
		867	7.51	14.22	-64.49	14.20	-64.47	-1.33	206.53	-85.56	-83.86	204.84	22.17
		886	6.58	0.60	-71.04	0.25	-70.69	5.01	184.87	-31.14	-27.88	181.61	-26.33
		877	7.05	7.57	-41.62	5.43	-39.48	10.03	265.12	-101.45	-35.00	198.68	-141.22
689	81	868	11.88	33.17	-39.83	33.17	-39.83	-0.04	600.75	-1.05	5.97	593.73	64.62
		867	7.33	13.61	-60.46	13.55	-60.40	-2.12	208.90	-85.42	-83.58	207.06	23.19
		886	6.41	0.81	-66.74	0.49	-66.43	4.57	186.81	-31.66	-28.79	183.94	-24.87
		877	6.85	7.51	-37.97	5.52	-35.99	9.29	263.30	-101.09	-36.09	198.31	-139.50
690	1	878	18.33	9.35	-31.16	2.94	-24.75	14.78	762.27	-530.39	72.17	159.70	-644.84
		864	10.16	1.69	-73.41	-0.33	-71.39	12.15	369.40	-245.72	32.95	90.73	-306.20
		855	10.68	-6.43	-61.24	-6.95	-60.72	5.30	468.50	-141.21	-24.68	351.97	-239.73
		866	14.91	15.45	-32.81	-0.64	-16.72	22.75	789.38	-120.90	100.69	567.78	-390.65
690	33	878	17.30	5.81	-27.22	3.42	-24.82	8.57	727.16	-530.90	67.19	129.06	-628.27
		864	9.22	0.15	-73.76	-0.50	-73.11	6.92	334.99	-243.90	28.30	62.79	-288.93
		855	10.10	-3.93	-62.72	-4.07	-62.59	2.81	432.13	-135.63	-27.72	324.22	-222.76
		866	14.05	12.89	-28.49	1.15	-16.74	18.66	751.61	-116.76	97.56	537.30	-374.40
690	65	878	17.22	5.61	-26.98	3.45	-24.82	8.10	724.54	-530.89	66.81	126.84	-626.99
		864	9.15	0.06	-73.81	-0.52	-73.23	6.53	332.41	-243.73	27.94	60.74	-287.61
		855	10.06	-3.73	-62.83	-3.85	-62.72	2.62	429.41	-135.18	-27.96	322.18	-221.46
		866	13.98	12.71	-28.17	1.28	-16.74	18.34	748.81	-116.41	97.32	535.08	-373.15
691	2	879	14.79	5.13	-31.33	3.99	-30.19	6.35	466.32	-634.36	-30.69	-137.35	-547.75
		863	9.14	2.31	-87.85	1.36	-86.91	9.17	240.98	-338.16	26.78	-123.96	-279.59
		864	9.71	-2.96	-90.69	-3.64	-90.02	7.68	341.71	-195.23	20.06	126.42	-263.15
		878	15.57	4.78	-33.13	1.94	-30.29	9.98	634.94	-476.28	39.15	119.51	-554.15
691	34	879	13.89	2.62	-26.94	2.56	-26.88	1.32	434.21	-617.37	-33.33	-149.83	-522.55
		863	8.80	0.82	-79.64	0.52	-79.35	4.86	210.83	-324.66	23.80	-137.63	-255.29
		864	8.69	-1.82	-82.25	-2.08	-81.99	4.61	309.20	-180.08	16.49	112.63	-239.87
		878	14.56	4.34	-27.68	3.14	-26.49	6.08	602.59	-459.69	35.94	106.96	-529.95
691	66	879	13.87	2.48	-26.65	2.45	-26.62	0.93	431.79	-616.06	-33.52	-150.75	-520.64
		863	8.77	0.72	-79.02	0.46	-78.76	4.53	208.58	-323.64	23.58	-138.64	-253.45
		864	8.62	-1.72	-81.61	-1.96	-81.37	4.38	306.74	-178.92	16.21	111.61	-238.10
		878	14.48	4.32	-27.29	3.23	-26.19	5.78	600.14	-458.42	35.70	106.03	-528.11
692	1	880	13.72	6.55	-53.51	4.44	-51.39	11.07	353.70	-632.80	-75.82	-203.28	-489.11
		862	10.56	2.35	-119.30	0.53	-117.48	14.77	173.24	-363.01	26.43	-216.20	-239.11
		863	10.29	-3.83	-126.84	-3.91	-126.76	3.10	219.93	-308.39	22.45	-110.92	-255.60
		879	14.91	0.21	-52.13	0.21	-52.13	-0.48	473.57	-628.30	-34.70	-120.02	-549.28
692	33	880	12.79	2.24	-37.19	1.97	-36.93	3.21	323.66	-623.60	-78.17	-221.77	-468.16
		862	9.60	0.86	-89.52	0.25	-88.91	7.40	147.80	-360.06	23.79	-236.06	-218.17
		863	9.13	-1.88	-97.62	-1.92	-97.58	1.98	192.09	-301.17	21.47	-130.55	-234.63
		879	14.38	0.86	-37.14	0.76	-37.04	-1.94	443.83	-617.71	-35.59	-138.29	-528.28
692	65	880	12.79	1.97	-36.01	1.79	-35.83	2.61	321.39	-622.87	-78.34	-223.14	-466.54
		862	9.53	0.76	-87.28	0.23	-86.75	6.84	145.91	-359.83	23.60	-237.52	-216.56
		863	9.05	-1.73	-95.41	-1.77	-95.37	1.90	190.01	-300.61	21.39	-131.99	-233.02

		879	14.34	0.91	-36.01	0.80	-35.90	-2.05	441.58	-616.88	-35.66	-139.64	-526.67
693	1	881	11.39	6.10	-66.22	4.17	-64.29	11.67	260.21	-538.61	-81.31	-197.08	-395.19
		861	10.46	-0.09	-126.51	-1.79	-124.80	14.58	132.09	-333.49	22.36	-223.76	-197.61
		862	11.56	-4.28	-133.45	-4.31	-133.42	2.00	163.20	-355.75	24.40	-216.94	-229.71
		880	14.22	1.94	-65.57	1.87	-65.49	-2.24	356.74	-634.13	-75.18	-202.21	-491.35
693	33	881	10.56	2.14	-43.33	1.79	-42.98	3.97	231.86	-527.39	-83.81	-211.72	-374.20
		861	9.05	-0.22	-88.87	-0.83	-88.26	7.35	108.60	-329.62	19.46	-240.48	-176.39
		862	9.96	-2.00	-96.25	-2.02	-96.23	1.34	138.99	-350.27	22.25	-233.54	-208.54
		880	13.44	1.05	-43.76	0.84	-43.55	-3.06	329.01	-622.18	-76.46	-216.71	-470.39
693	65	881	10.53	1.88	-41.63	1.61	-41.36	3.39	229.71	-526.52	-83.99	-212.82	-372.59
		861	8.95	-0.21	-86.03	-0.76	-85.48	6.80	106.86	-329.35	19.25	-241.73	-174.76
		862	9.84	-1.83	-93.43	-1.84	-93.41	1.29	137.19	-349.87	22.09	-234.78	-206.91
		880	13.38	1.00	-42.11	0.77	-41.88	-3.12	326.89	-621.25	-76.56	-217.80	-468.78
694	1	882	9.08	5.86	-79.52	4.08	-77.74	12.19	184.23	-418.33	-69.39	-164.71	-297.49
		860	9.99	-0.10	-133.30	-1.61	-131.79	14.13	101.98	-274.71	19.53	-192.27	-155.75
		861	11.39	-4.38	-138.52	-4.41	-138.49	1.78	125.08	-327.43	21.62	-223.97	-190.03
		881	12.29	1.32	-79.29	1.29	-79.25	-1.74	262.39	-540.48	-80.21	-197.88	-397.10
694	33	882	8.24	2.21	-49.56	1.77	-49.13	4.71	156.19	-405.87	-72.43	-177.25	-276.10
		860	8.16	-0.17	-89.16	-0.75	-88.58	7.16	78.90	-270.07	16.05	-207.21	-134.10
		861	9.43	-2.04	-94.65	-2.06	-94.63	1.25	102.36	-322.12	19.02	-238.79	-168.61
		881	11.23	0.58	-50.10	0.47	-49.99	-2.39	235.04	-527.67	-82.35	-210.29	-375.95
694	65	882	8.19	1.95	-47.30	1.60	-46.95	4.14	154.06	-404.91	-72.66	-178.20	-274.46
		860	8.02	-0.17	-85.81	-0.69	-85.29	6.62	77.21	-269.76	15.78	-208.33	-132.44
		861	9.28	-1.86	-91.32	-1.88	-91.30	1.21	100.68	-321.75	18.82	-239.90	-166.97
		881	11.15	0.53	-47.89	0.41	-47.76	-2.44	232.95	-526.68	-82.51	-211.22	-374.33
695	1	883	7.65	5.23	-93.18	3.69	-91.64	12.20	127.77	-305.91	-52.65	-125.49	-213.76
		859	9.49	0.03	-140.43	-1.24	-139.16	13.32	81.15	-210.58	18.27	-147.70	-119.96
		860	10.81	-3.98	-143.96	-4.00	-143.94	1.56	96.23	-270.33	19.31	-193.41	-149.26
		882	10.37	1.05	-93.16	1.04	-93.15	-0.99	186.56	-422.31	-69.16	-166.59	-300.51
695	33	883	6.38	2.02	-55.90	1.55	-55.43	5.18	99.18	-292.51	-56.47	-136.86	-191.68
		859	7.28	-0.07	-90.55	-0.58	-90.04	6.79	57.47	-205.22	13.96	-161.70	-97.66
		860	8.52	-1.85	-94.24	-1.86	-94.22	1.16	73.58	-264.91	15.96	-207.29	-127.22
		882	8.93	0.40	-56.38	0.35	-56.34	-1.56	158.77	-408.60	-72.00	-177.83	-278.71
695	65	883	6.29	1.78	-53.07	1.39	-52.68	4.64	97.01	-291.47	-56.75	-137.71	-189.98
		859	7.12	-0.07	-86.76	-0.53	-86.30	6.30	55.76	-204.88	13.63	-162.76	-95.94
		860	8.35	-1.69	-90.46	-1.70	-90.44	1.13	71.93	-264.55	15.71	-208.33	-125.52
		882	8.83	0.35	-53.59	0.30	-53.54	-1.61	156.65	-407.54	-72.22	-178.68	-277.03
696	1	884	6.93	3.81	-107.05	2.48	-105.72	12.07	102.47	-212.37	-33.99	-75.90	-156.02
		858	8.92	-0.27	-148.29	-1.33	-147.23	12.47	75.94	-147.27	17.86	-89.20	-97.93
		859	10.23	-3.38	-149.77	-3.42	-149.72	2.52	78.45	-213.21	17.66	-152.41	-118.47
		883	8.96	0.43	-107.09	0.41	-107.08	1.14	133.06	-316.57	-53.31	-130.20	-221.50
696	33	884	5.05	1.37	-62.28	0.86	-61.77	5.69	70.59	-195.07	-38.79	-85.69	-130.74
		858	6.38	-0.16	-93.33	-0.62	-92.88	6.46	47.63	-136.38	12.64	-101.39	-72.21
		859	7.62	-1.56	-94.94	-1.59	-94.91	1.64	53.52	-204.23	13.74	-164.45	-93.12
		883	7.06	0.01	-62.65	0.01	-62.65	-0.08	102.61	-299.20	-56.79	-139.80	-196.57
696	65	884	4.92	1.19	-58.88	0.74	-58.43	5.20	68.18	-193.75	-39.15	-86.42	-128.81
		858	6.19	-0.15	-89.16	-0.56	-88.75	6.01	45.61	-135.66	12.25	-102.30	-70.25
		859	7.43	-1.42	-90.77	-1.45	-90.74	1.58	51.74	-203.64	13.44	-165.34	-91.18
		883	6.92	-0.02	-59.28	-0.02	-59.28	-0.17	100.30	-297.88	-57.05	-140.52	-194.67
697	1	885	7.61	2.26	-120.18	0.68	-118.60	13.83	116.17	-123.81	-19.77	12.14	-118.92
		857	8.56	-1.36	-160.18	-2.53	-159.01	13.57	90.46	-65.71	14.39	10.36	-78.06
		858	9.50	-3.63	-158.74	-3.76	-158.62	4.47	69.10	-141.17	16.57	-88.64	-91.03
		884	7.94	-0.31	-120.14	-0.43	-120.02	3.79	103.38	-219.84	-35.73	-80.73	-160.03
697	33	885	4.73	0.82	-68.10	0.07	-67.35	7.15	84.03	-105.16	-24.31	3.19	-93.59
		857	5.20	-0.69	-99.41	-1.20	-98.89	7.12	56.22	-49.19	9.54	-2.51	-52.36
		858	6.65	-1.66	-98.22	-1.73	-98.15	2.66	41.93	-131.27	12.35	-101.69	-65.18
		884	5.60	-0.50	-68.49	-0.55	-68.44	1.80	72.20	-201.56	-39.51	-89.85	-134.54
697	65	885	4.51	0.71	-64.14	0.02	-63.45	6.64	81.60	-103.72	-24.65	2.53	-91.66
		857	4.94	-0.63	-94.79	-1.10	-94.32	6.63	53.65	-47.93	9.18	-3.46	-50.40
		858	6.43	-1.51	-93.62	-1.58	-93.55	2.52	40.04	-130.65	12.04	-102.66	-63.20
		884	5.43	-0.52	-64.56	-0.56	-64.52	1.65	69.85	-200.16	-39.79	-90.53	-132.60
698	1	886	9.24	6.78	-130.72	4.45	-128.39	17.75	151.67	-59.46	-27.82	120.03	-75.36
		856	10.33	0.20	-179.85	-1.52	-178.13	17.52	103.48	-18.78	9.43	75.26	-51.51
		857	9.61	-6.02	-178.06	-6.26	-177.82	6.45	50.50	-98.22	3.49	-51.21	-69.15
		885	7.41	0.71	-131.82	0.21	-131.31	8.16	91.19	-161.50	-30.38	-39.93	-126.26
698	33	886	6.32	4.04	-72.05	3.11	-71.13	8.34	152.08	-48.27	-32.92	136.72	-53.29
		856	7.00	-0.16	-109.80	-0.91	-109.05	9.03	104.39	-2.82	5.23	96.35	-28.24
		857	5.85	-2.81	-108.06	-2.95	-107.93	3.78	35.05	-59.07	5.11	-29.13	-43.84
		885	4.70	0.06	-73.55	-0.23	-73.25	4.66	76.47	-128.07	-29.35	-22.25	-102.21
698	65	886	6.10	3.84	-67.60	3.01	-66.77	7.63	152.36	-47.66	-33.30	138.01	-51.62
		856	6.75	-0.19	-104.48	-0.86	-103.81	8.39	104.98	-2.09	4.91	97.97	-26.47
		857	5.57	-2.57	-102.74	-2.70	-102.62	3.58	33.88	-56.08	5.23	-27.43	-41.91
		885	4.50	0.01	-69.12	-0.27	-68.84	4.39	75.39	-125.55	-29.28	-20.88	-100.38
699	1	867	10.36	15.50	-136.88	14.92	-136.29	9.43	172.52	-76.09	-71.44	167.88	33.67
		854	10.44	1.96	-195.40	0.24	-193.68	18.34	35.64	-13.64	-13.58	35.58	1.75
		856	10.09	-6.18	-202.54	-6.18	-202.54	-0.41	21.41	-30.94	-2.34	-7.18	-26.06
		886	8.63	3.35	-143.92	3.07	-143.64	6.39	74.99	-73.46	-47.95	49.48	-56.00

699	33	867	8.02	10.68	-72.27	10.67	-72.25	-1.12	234.03	-76.30	-68.71	226.44	47.93
		854	7.24	0.16	-114.12	-0.57	-113.40	9.07	102.05	-12.61	-10.18	99.63	16.51
		856	6.83	-3.11	-121.13	-3.11	-121.13	0.58	58.37	0.98	2.15	57.21	-8.10
		886	6.12	2.64	-78.60	2.53	-78.48	3.08	117.48	-53.90	-44.73	108.31	-38.55
699	65	867	7.85	10.39	-67.43	10.34	-67.38	-1.92	238.72	-76.32	-68.51	230.90	49.01
		854	7.00	0.03	-107.95	-0.63	-107.30	8.37	107.17	-12.58	-9.92	104.51	17.63
		856	6.59	-2.88	-114.95	-2.88	-114.94	0.66	62.87	1.74	2.49	62.12	-6.74
		886	5.93	2.59	-73.63	2.49	-73.53	2.84	121.17	-52.86	-44.49	112.80	-37.23
700	17	927	9.38	4.56	-109.93	-2.98	-102.39	-28.41	238.14	-195.97	41.93	0.24	216.05
		896	8.10	-7.90	-155.87	-8.75	-155.03	-11.15	88.01	-52.34	22.06	13.62	70.05
		915	10.89	4.00	-171.70	0.58	-168.28	-24.28	173.11	-29.13	30.17	113.81	92.06
		954	12.66	19.42	-134.98	4.30	-119.86	-45.89	305.27	-173.33	17.40	114.54	234.31
700	33	927	7.50	4.99	-64.21	-3.57	-55.65	-22.79	207.81	-200.11	36.82	-29.12	201.27
		896	4.67	-4.12	-87.24	-4.65	-86.71	-6.62	59.19	-55.87	18.98	-15.66	54.86
		915	7.03	1.84	-104.28	-0.63	-101.81	-16.00	139.09	-26.58	28.05	84.46	77.88
		954	9.74	14.65	-80.79	1.19	-67.32	-33.23	273.99	-172.42	15.96	85.62	220.47
700	65	927	7.37	5.09	-59.47	-3.55	-50.83	-21.99	208.47	-198.60	36.72	-26.84	201.04
		896	4.31	-3.78	-80.39	-4.28	-79.89	-6.15	60.30	-53.45	19.12	-12.27	54.66
		915	6.74	1.65	-97.53	-0.66	-95.22	-14.95	141.34	-25.38	28.16	87.80	77.85
		954	9.54	14.36	-75.35	0.91	-61.90	-32.02	275.43	-171.27	15.84	88.32	220.39
701	4	940	15.53	159.36	-1.70	-0.22	157.88	-15.35	82.46	-494.36	-0.56	-411.33	202.48
		899	16.28	201.99	1.71	1.75	201.96	-2.60	4.40	-417.89	-2.57	-410.91	53.83
		918	15.37	186.49	-0.32	-0.29	186.45	2.55	2.63	-408.00	-3.63	-401.73	50.33
		933	14.74	149.51	-2.09	-1.55	148.97	-9.02	80.14	-483.57	-2.38	-401.05	199.27
701	36	940	13.31	112.11	-1.99	0.11	110.01	-15.31	92.60	-487.38	-0.88	-393.89	213.26
		899	13.39	147.98	0.83	0.87	147.94	-2.37	7.55	-403.84	-2.92	-393.36	64.81
		918	12.46	132.45	-0.11	-0.11	132.45	0.21	5.66	-393.66	-3.93	-384.07	61.13
		933	12.61	103.05	-1.79	-0.49	101.75	-11.60	90.34	-476.44	-2.59	-383.51	209.85
701	68	940	13.15	108.53	-2.03	0.13	106.37	-15.31	93.38	-486.91	-0.90	-392.63	214.06
		899	13.17	143.87	0.76	0.80	143.83	-2.35	7.82	-402.86	-2.95	-392.09	65.63
		918	12.24	128.34	-0.10	-0.10	128.34	0.03	5.91	-392.66	-3.95	-382.79	61.94
		933	12.46	99.55	-1.80	-0.40	98.15	-11.80	91.12	-475.97	-2.61	-382.24	210.64
702	4	948	10.75	65.86	-4.64	-0.72	61.94	-16.16	88.63	-446.10	7.69	-365.15	191.65
		963	12.97	112.59	1.64	3.30	110.93	-13.45	67.39	-476.30	-1.17	-407.73	180.49
		970	12.06	105.92	2.57	2.82	105.67	-5.08	63.37	-457.78	-10.22	-384.18	181.48
		947	9.97	63.81	-2.18	-1.12	62.76	-8.29	81.94	-423.90	-2.79	-339.17	188.90
702	36	948	10.11	41.40	-10.87	-0.12	30.65	-21.12	97.87	-459.40	10.04	-371.57	203.06
		963	11.46	75.19	-2.68	1.97	70.55	-18.45	79.98	-470.32	1.20	-391.54	192.74
		970	10.77	69.29	-1.42	1.64	66.23	-14.39	77.76	-452.29	-6.67	-367.86	193.97
		947	9.58	39.85	-8.11	-0.43	32.17	-17.60	92.46	-437.52	0.68	-345.73	200.55
702	68	948	10.06	39.85	-11.65	-0.08	28.27	-21.50	98.56	-460.40	10.20	-372.04	203.91
		963	11.35	72.49	-3.15	1.87	67.47	-18.82	80.94	-469.94	1.37	-390.37	193.65
		970	10.68	66.73	-1.94	1.55	63.23	-15.09	78.85	-451.94	-6.41	-366.68	194.91
		947	9.56	38.46	-9.00	-0.37	29.84	-18.30	93.25	-438.54	0.93	-346.22	201.42
703	1	926	46.99	228.13	-123.05	178.35	-73.27	-122.49	2852.27	2055.31	2756.50	2151.08	-259.14
		925	15.89	71.36	-21.29	51.68	-1.61	37.90	1130.99	576.83	607.53	1100.29	-126.76
		968	19.05	75.80	-23.98	-21.10	72.93	16.70	1291.43	587.05	726.29	1152.19	-280.52
		956	32.50	25.91	-219.35	-36.13	-157.31	106.62	1823.16	738.84	1523.43	1038.57	-484.94
703	33	926	46.90	234.58	-96.96	189.39	-51.77	-113.76	2827.67	2017.11	2747.09	2097.69	-242.54
		925	14.56	91.39	-15.46	62.71	13.22	47.35	1047.07	565.25	592.77	1019.55	-111.81
		968	18.69	95.70	-14.53	-9.37	90.55	23.27	1228.28	562.12	709.14	1081.26	-276.26
		956	31.77	46.01	-202.57	-24.14	-132.43	111.88	1797.10	709.34	1511.71	994.73	-478.53
703	65	926	46.89	235.08	-94.97	190.24	-50.13	-113.09	2825.85	2014.08	2746.36	2093.57	-241.26
		925	14.46	92.94	-15.03	63.55	14.37	48.06	1040.61	564.36	591.64	1013.33	-110.67
		968	18.67	97.24	-13.82	-8.48	91.90	23.76	1223.46	560.15	707.82	1075.80	-275.94
		956	31.72	47.56	-201.32	-23.23	-130.53	112.28	1795.12	707.04	1510.81	991.35	-478.04
704	4	28	77.16	354.13	51.10	352.82	52.40	19.85	4577.59	1396.83	4569.99	1404.42	-155.26
		926	45.58	205.02	-88.03	203.36	-86.37	21.98	2882.51	1805.40	2801.80	1886.11	-283.59
		956	28.52	120.95	36.46	120.86	36.55	2.75	1807.64	679.16	1663.86	822.94	-376.27
		905	42.96	46.08	-61.12	14.19	-29.23	49.01	3258.45	1319.39	3199.41	1378.42	-333.15
704	36	28	75.90	331.97	22.66	331.72	22.92	8.92	4540.73	1424.66	4532.14	1433.25	-163.41
		926	44.71	183.53	-108.98	182.96	-108.41	12.88	2891.14	1849.18	2787.67	1952.64	-311.61
		956	27.84	106.71	11.02	106.59	11.14	-3.35	1790.88	710.53	1642.80	858.60	-371.55
		905	43.11	19.22	-83.33	-1.86	-62.25	41.44	3233.83	1277.61	3175.27	1336.17	-333.36
704	68	28	75.81	330.32	20.47	330.11	20.68	8.10	4537.99	1426.77	4529.32	1435.45	-164.07
		926	44.65	181.92	-110.61	181.41	-110.10	12.19	2891.95	1852.38	2786.59	1957.75	-313.73
		956	27.79	105.65	9.05	105.50	9.20	-3.81	1789.69	712.93	1641.25	861.37	-371.21
		905	43.12	17.27	-85.11	-3.08	-64.76	40.87	3231.98	1274.53	3173.45	1333.05	-333.36
705	22	968	15.38	87.68	-6.16	13.90	67.62	38.47	1085.93	507.44	681.47	911.90	-265.31
		955	15.90	125.22	1.24	19.92	106.53	44.36	814.12	77.20	109.44	781.88	-150.73
		936	14.15	130.58	-2.92	11.42	116.24	41.33	653.20	117.82	140.13	630.90	-106.98
		964	11.53	81.18	-5.85	5.38	69.95	29.17	775.60	384.78	539.26	621.12	-191.08
705	54	968	14.89	82.28	-6.28	11.63	64.36	35.57	1059.81	502.00	686.60	875.21	-262.48
		955	15.29	122.32	2.39	18.80	105.91	41.22	776.23	82.53	115.40	743.37	-147.38
		936	13.54	127.97	-3.46	9.72	114.79	39.48	614.29	117.15	139.11	592.33	-102.15
		964	11.02	76.18	-7.02	3.16	65.99	27.27	754.71	368.99	536.40	587.31	-191.17
705	86	968	14.85	81.89	-6.29	11.47	64.13	35.36	1057.93	501.54	686.95	872.51	-262.27

		955	15.24	122.12	2.47	18.72	105.87	41.00	773.44	82.90	115.81	740.52	-147.13
		936	13.50	127.79	-3.50	9.60	114.69	39.34	611.42	117.09	139.03	589.49	-101.80
		964	10.98	75.82	-7.11	3.00	65.71	27.13	753.22	367.77	536.18	584.82	-191.18
706	2	924	12.65	62.01	8.55	24.98	45.57	24.67	792.40	131.90	142.94	781.36	-84.66
		904	17.68	151.24	3.54	9.81	144.97	29.78	699.10	-4.86	-4.73	698.98	-9.38
		923	19.98	142.31	-2.77	14.69	124.85	47.21	854.57	-36.49	-16.92	835.01	130.59
		955	17.55	91.83	1.91	18.23	75.51	34.66	1009.50	61.16	87.41	983.25	-155.58
706	34	924	11.89	77.58	10.65	26.89	61.35	28.68	688.03	122.69	134.63	676.09	-81.31
		904	16.64	167.65	3.78	12.25	159.18	36.28	570.86	-19.47	-19.43	570.82	-4.80
		923	19.18	159.64	-1.42	17.31	140.91	51.63	734.98	-49.97	-29.15	714.16	126.14
		955	16.84	108.38	3.87	20.83	91.42	38.53	914.12	48.67	79.00	883.79	-159.15
706	66	924	11.84	78.80	10.79	27.03	62.56	28.99	680.07	121.96	133.99	668.04	-81.05
		904	16.56	168.91	3.79	12.44	160.26	36.78	561.05	-20.59	-20.55	561.02	-4.45
		923	19.12	160.96	-1.31	17.51	142.13	51.96	725.85	-51.03	-30.10	704.92	125.80
		955	16.79	109.66	4.02	21.03	92.64	38.83	906.87	47.67	78.35	876.19	-159.42
707	8	967	16.57	77.11	-19.23	-10.01	67.89	28.33	1125.54	436.89	1104.74	457.69	-117.85
		964	11.82	126.11	-8.34	6.95	110.82	42.68	736.31	296.28	551.90	480.68	-217.11
		957	9.60	119.66	-9.84	-2.48	112.30	29.98	479.59	176.29	422.55	233.33	-118.52
		943	11.94	65.81	-15.70	-12.22	62.34	16.48	724.46	172.84	721.57	175.73	-39.80
707	40	967	16.15	47.52	-20.60	-15.66	42.58	17.67	1129.63	459.67	1112.83	476.47	-104.77
		964	10.93	98.78	-9.02	1.76	88.00	32.34	737.46	325.92	561.00	502.38	-203.67
		957	8.33	93.36	-10.75	-6.46	89.07	20.69	472.73	205.61	424.37	253.97	-102.86
		943	11.27	37.51	-17.64	-16.80	36.67	6.77	724.93	192.33	723.79	193.47	-24.61
707	72	967	16.13	45.28	-20.72	-16.08	40.65	16.86	1129.95	461.41	1113.43	477.93	-103.79
		964	10.89	96.70	-9.08	1.37	86.26	31.55	737.58	328.16	561.68	504.07	-202.67
		957	8.24	91.36	-10.83	-6.76	87.29	19.98	472.24	207.85	424.51	255.58	-101.69
		943	11.23	35.40	-17.84	-17.15	34.71	6.03	725.00	193.81	723.96	194.85	-23.48
708	8	935	10.83	175.32	-0.77	-0.71	175.26	-3.31	105.92	-105.76	79.54	-79.39	69.91
		921	12.58	233.72	1.02	1.22	233.52	6.80	-1.88	-65.89	-3.72	-64.05	10.70
		901	13.90	220.77	-0.73	-0.53	220.58	6.52	1.80	-195.80	-2.15	-191.85	27.67
		942	12.48	167.42	-1.99	-1.84	167.26	-5.10	101.89	-254.24	55.19	-207.55	120.21
708	40	935	9.21	144.52	-1.32	-1.08	144.28	-5.95	116.07	-98.66	79.54	-62.13	80.68
		921	10.72	201.38	0.59	0.69	201.29	4.29	5.24	-55.56	-3.75	-46.58	21.58
		901	12.05	188.56	-0.24	-0.16	188.47	4.06	6.30	-182.57	-1.93	-174.33	38.57
		942	10.94	136.86	-1.78	-1.34	136.42	-7.86	112.17	-246.98	55.43	-190.24	130.99
708	72	935	9.09	142.18	-1.37	-1.10	141.91	-6.15	116.90	-98.17	79.54	-60.81	81.48
		921	10.58	198.92	0.56	0.65	198.83	4.10	6.03	-55.02	-3.75	-45.24	22.39
		901	11.90	186.10	-0.21	-0.13	186.02	3.87	6.72	-181.62	-1.91	-172.99	39.38
		942	10.83	134.54	-1.78	-1.30	134.06	-8.07	112.98	-246.46	55.45	-188.92	131.80
709	4	891	9.07	11.71	-11.48	1.14	-0.91	-11.55	138.11	-462.45	-70.31	-254.03	285.88
		951	10.89	62.82	-2.62	9.28	50.92	-25.24	147.98	-433.14	-43.83	-241.33	273.26
		952	11.01	61.69	0.46	9.89	52.26	-22.10	103.05	-483.19	-93.66	-286.48	276.81
		910	9.03	13.41	-5.44	3.18	4.79	-9.39	116.16	-480.10	-87.38	-276.56	282.73
709	36	891	8.54	6.45	-28.60	3.65	-25.81	-9.50	147.14	-451.12	-75.02	-228.96	289.06
		951	9.97	39.20	-9.13	10.36	19.71	-23.71	156.20	-420.87	-50.01	-214.66	276.54
		952	10.13	37.77	-6.70	10.98	20.09	-21.76	115.19	-470.45	-95.97	-259.29	281.20
		910	8.62	8.63	-24.93	5.53	-21.82	-9.73	127.79	-468.13	-89.49	-250.85	286.83
709	68	891	8.51	6.40	-30.26	3.84	-27.70	-9.34	147.84	-450.32	-75.36	-227.11	289.30
		951	9.91	37.73	-9.95	10.44	17.34	-23.59	156.87	-420.00	-50.46	-212.68	276.79
		952	10.08	36.33	-7.63	11.06	17.64	-21.74	116.12	-469.55	-96.15	-257.28	281.53
		910	8.60	8.63	-26.77	5.70	-23.84	-9.75	128.68	-467.28	-89.65	-248.95	287.14
710	1	893	11.30	-8.32	-120.60	-9.10	-119.81	-9.33	511.33	-151.53	255.04	104.76	322.80
		944	9.54	0.60	-67.29	-6.46	-60.23	-20.72	507.85	-9.48	362.52	135.85	232.51
		945	8.65	6.54	-68.13	0.19	-61.78	-20.83	346.33	-179.72	177.05	-10.44	245.76
		908	10.48	-3.32	-118.56	-4.59	-117.29	-12.02	411.21	-224.38	171.35	15.48	308.09
710	49	893	10.42	-8.13	-86.78	-9.28	-85.63	-9.44	502.64	-177.37	267.03	58.24	323.58
		944	9.37	7.24	-38.30	-6.66	-24.40	-20.97	502.35	-41.48	373.08	87.78	231.49
		945	8.55	11.34	-37.44	-0.23	-25.86	-20.76	336.03	-210.13	185.04	-59.14	244.27
		908	9.61	-3.29	-84.62	-4.95	-82.95	-11.53	398.75	-252.36	178.58	-32.18	308.03
710	81	893	10.36	-8.19	-84.82	-9.33	-83.68	-9.25	502.51	-175.73	267.80	58.98	322.64
		944	9.35	7.60	-36.90	-6.74	-22.55	-20.80	502.22	-39.89	373.81	88.51	230.48
		945	8.53	11.60	-35.94	-0.32	-24.02	-20.61	335.80	-208.52	185.69	-58.41	243.26
		908	9.55	-3.34	-82.68	-5.01	-81.02	-11.39	398.50	-250.78	179.19	-31.46	307.08
711	17	908	10.35	-0.70	-107.16	-13.88	-93.98	-35.06	397.10	-273.50	292.63	-169.03	243.20
		945	9.09	10.98	-60.30	-11.14	-38.18	-32.98	342.77	-231.20	279.19	-167.63	180.13
		946	9.47	16.94	-61.37	-8.10	-36.33	-36.52	239.08	-360.70	167.63	-289.25	194.30
		892	10.41	4.34	-103.07	-9.54	-89.19	-36.04	262.09	-385.86	168.37	-292.14	227.91
711	35	908	8.94	-3.40	-44.22	-11.95	-35.68	-16.61	385.29	-250.78	300.27	-165.77	216.44
		945	8.89	27.61	-14.78	-9.17	21.99	-14.37	333.02	-209.79	286.88	-163.65	151.39
		946	9.34	31.74	-13.36	-5.38	23.76	-17.21	225.03	-340.08	171.17	-286.22	165.94
		892	8.34	1.39	-39.70	-7.40	-30.91	-16.85	247.77	-365.25	172.29	-289.77	201.43
711	67	908	8.94	-3.45	-45.53	-11.97	-37.01	-16.91	385.69	-249.33	300.04	-163.68	216.92
		945	8.84	26.54	-15.23	-9.21	20.52	-14.67	333.28	-208.20	286.64	-161.55	151.93
		946	9.30	30.82	-13.96	-5.44	22.30	-17.58	225.49	-338.47	171.11	-284.08	166.47
		892	8.33	1.39	-41.04	-7.43	-32.23	-17.21	248.28	-363.70	172.22	-287.64	201.90
712	20	931	9.32	158.12	-1.21	-0.89	157.79	7.20	144.33	116.21	117.15	143.40	-5.04
		902	13.23	216.43	0.19	1.50	215.12	16.81	155.26	-13.96	-13.93	155.23	-2.15

		921	10.38	206.64	-0.91	0.09	205.64	14.38	11.07	-16.63	-2.77	-2.80	13.85
		935	8.95	153.78	-1.75	-1.72	153.74	2.26	115.67	-54.24	86.16	-24.73	64.36
712	52	931	8.14	138.58	-1.80	-1.71	138.50	3.51	129.86	115.46	117.93	127.40	5.42
		902	12.07	198.08	0.30	1.20	197.18	13.31	139.41	-11.06	-10.62	138.98	8.11
		921	9.65	188.44	-0.30	0.44	187.70	11.78	15.05	-36.21	-2.11	-19.06	24.19
		935	8.36	134.40	-1.81	-1.81	134.40	-0.63	121.33	-75.12	86.92	-40.71	74.67
712	84	931	8.05	137.13	-1.85	-1.77	137.05	3.24	129.57	114.67	117.99	126.26	6.19
		902	11.99	196.70	0.31	1.18	195.83	13.05	138.35	-10.90	-10.38	137.82	8.86
		921	9.60	187.08	-0.26	0.46	186.36	11.58	15.41	-37.69	-2.06	-20.21	24.95
		935	8.32	132.95	-1.82	-1.81	132.95	-0.84	121.75	-76.62	86.97	-41.84	75.43
713	1	929	9.56	6.44	-130.47	5.54	-129.57	-11.08	200.33	-307.06	-19.76	-86.97	251.46
		916	9.00	0.07	-142.66	-0.09	-142.50	4.74	36.54	-167.85	-25.03	-106.28	93.77
		896	8.56	-3.15	-163.89	-3.19	-163.85	-2.56	69.24	-65.54	-7.43	11.14	66.75
		927	9.71	5.52	-132.23	3.88	-130.59	-14.94	208.68	-211.56	-17.92	15.04	209.48
713	33	929	7.89	7.05	-60.91	3.45	-57.31	-15.22	202.06	-285.49	-15.19	-68.24	242.33
		916	4.78	0.08	-60.47	0.04	-60.43	1.55	35.36	-143.86	-20.90	-87.60	83.17
		896	4.76	-1.40	-80.65	-1.42	-80.63	-1.26	69.63	-48.73	-8.11	29.01	56.19
		927	7.50	5.47	-65.61	2.64	-62.78	-13.90	209.80	-196.22	-19.19	32.76	201.34
713	65	929	7.84	7.37	-55.90	3.29	-51.82	-15.54	202.23	-283.87	-14.85	-66.79	241.66
		916	4.47	0.08	-54.22	0.04	-54.19	1.31	35.29	-142.05	-20.59	-86.17	82.38
		896	4.47	-1.27	-74.32	-1.29	-74.30	-1.16	69.77	-47.55	-8.16	30.38	55.40
		927	7.36	5.57	-60.65	2.54	-57.63	-13.82	209.93	-195.09	-19.29	34.13	200.74
714	4	960	13.12	113.41	-2.14	-0.81	112.08	-12.32	83.57	-463.03	31.41	-410.87	160.59
		938	14.82	161.03	2.33	2.46	160.89	-4.67	61.17	-453.51	14.94	-407.28	147.17
		940	14.35	149.36	1.41	1.42	149.34	1.32	52.51	-472.65	4.03	-424.18	152.01
		963	12.77	105.30	-2.40	-1.84	104.74	-7.79	67.82	-481.52	12.02	-425.73	165.95
714	36	960	11.61	79.32	-4.42	-0.77	75.67	-17.09	94.28	-454.59	32.02	-392.34	174.05
		938	12.81	118.49	0.32	1.01	117.80	-8.99	71.90	-444.80	15.50	-388.39	161.13
		940	12.42	106.79	0.15	0.53	106.41	-6.32	65.11	-463.66	6.50	-405.05	165.99
		963	11.37	71.67	-4.55	-1.36	68.48	-15.27	80.39	-473.05	14.35	-407.00	179.42
714	68	960	11.51	76.83	-4.70	-0.77	72.90	-17.45	95.11	-454.03	32.07	-390.98	175.06
		938	12.66	115.28	0.14	0.90	114.52	-9.32	72.74	-444.22	15.54	-387.01	162.17
		940	12.29	103.60	-2.64e-03	0.46	103.14	-6.90	66.08	-463.05	6.68	-403.66	167.04
		963	11.28	69.27	-4.87	-1.32	65.71	-15.84	81.36	-472.47	14.52	-405.63	180.42
715	18	955	16.65	120.67	1.49	11.89	110.28	33.62	860.18	56.43	118.00	798.62	-213.75
		923	18.36	162.05	-0.98	7.47	153.60	36.14	669.33	-56.46	-55.17	668.05	30.53
		903	17.13	168.70	0.18	8.41	160.47	36.32	572.30	-31.92	-27.90	568.28	49.11
		936	14.58	126.06	-1.52	6.46	118.08	30.89	680.27	95.03	131.76	643.54	-141.95
715	50	955	16.02	120.27	1.45	11.31	110.42	32.77	820.33	58.80	122.58	756.54	-210.97
		923	18.10	170.28	-0.42	7.87	161.99	36.69	626.19	-51.19	-49.56	624.56	33.19
		903	16.90	176.85	0.32	8.89	168.29	37.92	529.75	-29.86	-25.15	525.03	51.15
		936	13.94	125.69	-2.24	5.82	117.63	31.08	639.58	93.44	131.52	601.51	-139.08
715	82	955	15.98	120.26	1.45	11.26	110.45	32.71	817.38	58.95	122.91	753.42	-210.77
		923	18.08	170.90	-0.38	7.90	162.62	36.73	622.98	-50.82	-49.16	621.32	33.37
		903	16.88	177.46	0.33	8.92	168.88	38.04	526.58	-29.73	-24.96	521.81	51.29
		936	13.90	125.68	-2.29	5.77	117.62	31.10	636.57	93.30	131.49	598.38	-138.87
716	4	895	34.11	44.39	-42.38	37.95	-35.94	22.76	2369.56	747.83	2304.46	812.93	318.33
		956	29.27	163.86	63.40	85.80	141.46	-41.81	1902.83	876.22	1892.29	886.76	-103.49
		967	19.23	83.44	-65.59	-50.13	67.99	45.44	1162.12	423.62	1160.36	425.39	-36.04
		906	24.75	47.51	-13.34	8.23	25.94	-29.10	1788.49	496.94	1728.57	556.86	271.67
716	36	895	33.69	31.02	-69.61	29.13	-67.72	13.65	2357.72	747.91	2286.56	819.07	330.88
		956	28.73	148.87	43.57	78.56	113.87	-49.60	1884.59	892.00	1876.58	900.00	-88.79
		967	18.52	54.05	-69.21	-55.63	40.46	38.60	1144.89	438.28	1144.17	439.01	-22.64
		906	24.78	35.03	-38.12	2.65	-5.74	-36.33	1775.23	497.87	1709.49	563.62	282.24
716	68	895	33.66	30.13	-71.82	28.46	-70.14	12.97	2356.85	747.92	2285.23	819.55	331.82
		956	28.69	147.84	41.94	78.01	111.77	-50.19	1883.24	893.21	1875.41	901.04	-87.69
		967	18.47	51.81	-69.49	-56.05	38.36	38.08	1143.62	439.41	1142.95	440.07	-21.64
		906	24.79	34.29	-40.21	2.23	-8.15	-36.88	1774.23	497.95	1708.04	564.15	283.02
717	4	933	14.59	155.76	-1.96	-1.83	155.63	-4.43	88.71	-447.13	22.66	-381.08	176.15
		918	15.25	197.16	2.66	3.09	196.73	9.18	4.03	-366.16	2.62	-364.75	22.81
		898	13.98	181.48	0.76	2.13	180.12	15.65	5.97	-333.81	3.97	-331.80	26.04
		932	13.44	144.78	-3.52	-3.48	144.74	2.53	86.26	-422.55	14.92	-351.21	176.66
717	36	933	12.57	106.16	-1.98	-1.49	105.67	-7.30	94.87	-459.61	23.29	-388.03	185.91
		918	12.43	137.44	1.26	1.54	137.15	6.25	6.51	-374.63	3.62	-371.74	33.04
		898	11.15	121.75	0.50	1.18	121.06	9.10	9.93	-342.61	6.19	-338.87	36.13
		932	11.60	95.84	-2.58	-2.38	95.63	-4.52	93.92	-434.94	17.23	-358.26	186.21
717	68	933	12.42	102.41	-2.00	-1.46	101.86	-7.52	95.33	-460.54	23.34	-388.55	186.64
		918	12.21	132.89	1.15	1.42	132.61	6.02	6.71	-375.27	3.69	-372.26	33.81
		898	10.94	117.21	0.48	1.11	116.57	8.60	10.24	-343.28	6.35	-339.39	36.88
		932	11.46	92.17	-2.56	-2.29	91.90	-5.05	94.49	-435.87	17.40	-358.78	186.93
718	1	889	8.74	16.78	-70.42	14.18	-67.82	-14.82	134.79	-434.75	-85.42	-214.55	277.35
		947	10.09	19.78	-78.28	12.44	-70.95	-25.79	131.36	-473.71	-99.63	-242.73	293.95
		950	10.33	20.39	-86.29	10.93	-76.82	-30.33	154.16	-419.44	-87.51	-177.78	283.23
		912	9.63	21.34	-79.00	13.62	-71.28	-26.74	148.70	-405.31	-71.95	-184.66	271.21
718	61	889	8.50	15.72	-47.57	10.85	-42.70	-16.87	126.70	-417.22	-85.78	-204.74	265.37
		947	9.76	24.90	-43.16	12.33	-30.59	-26.41	120.03	-453.88	-101.17	-232.69	279.32
		950	9.52	24.60	-47.11	11.24	-33.75	-27.92	140.79	-399.66	-91.09	-167.78	267.49

		912	8.78	19.23	-50.52	10.81	-42.10	-22.72	136.35	-387.72	-76.23	-175.14	257.32
718	93	889	8.48	15.53	-46.60	10.59	-41.66	-16.80	125.60	-417.23	-85.95	-205.67	264.73
		947	9.74	25.07	-41.51	12.25	-28.70	-26.25	118.81	-453.88	-101.39	-233.67	278.60
		950	9.47	24.69	-45.21	11.19	-31.71	-27.59	139.45	-399.65	-91.43	-168.77	266.76
		912	8.73	18.92	-49.16	10.60	-40.84	-22.30	135.09	-387.78	-76.62	-176.08	256.66
719	1	912	8.98	16.60	-66.05	-8.26	-41.18	-37.91	144.76	-402.97	72.37	-330.58	185.50
		950	9.47	11.17	-76.16	-14.41	-50.59	-39.74	152.49	-418.84	67.21	-333.57	203.59
		949	10.71	24.60	-86.93	-15.80	-46.53	-53.61	213.83	-331.20	106.73	-224.10	216.57
		888	9.85	29.01	-74.14	-11.88	-33.24	-50.46	186.36	-317.71	103.60	-234.95	186.73
719	33	912	8.48	15.82	-48.87	-6.75	-26.30	-30.83	130.77	-394.85	61.49	-325.57	177.81
		950	9.12	17.48	-48.04	-9.66	-20.91	-32.28	137.24	-408.62	56.45	-327.83	193.84
		949	9.55	25.26	-53.94	-10.54	-18.14	-39.42	194.62	-322.99	90.41	-218.78	207.56
		888	8.65	22.81	-50.88	-8.72	-19.35	-36.46	168.04	-311.40	86.92	-230.28	179.76
719	65	912	8.45	15.78	-47.58	-6.64	-25.17	-30.30	129.73	-394.25	60.68	-325.21	177.23
		950	9.11	18.08	-46.03	-9.30	-18.64	-31.71	136.10	-407.86	55.65	-327.41	193.11
		949	9.47	25.39	-51.51	-10.15	-15.98	-38.34	193.18	-322.39	89.19	-218.40	206.88
		888	8.56	22.35	-49.12	-8.48	-18.29	-35.40	166.67	-310.95	85.67	-229.94	179.24
720	17	887	9.88	39.37	-51.03	18.19	-29.85	-38.29	380.07	-89.33	158.38	132.35	234.34
		928	11.61	27.50	-89.54	13.50	-75.54	-37.97	353.43	-196.56	59.68	97.20	274.36
		953	14.84	50.31	-90.17	33.42	-73.28	-45.69	569.74	-57.08	100.37	412.29	271.85
		914	12.93	78.07	-55.70	47.92	-25.56	-55.89	570.41	20.18	304.98	285.61	274.94
720	33	887	8.80	30.75	-38.95	13.25	-21.45	-30.22	337.21	-122.89	130.93	83.39	228.82
		928	10.11	25.66	-59.28	10.73	-44.35	-32.33	302.18	-226.19	28.92	47.08	264.03
		953	12.58	40.61	-58.77	25.41	-43.58	-35.76	513.87	-88.66	63.88	361.33	261.99
		914	11.11	55.30	-38.63	33.06	-16.39	-39.93	519.99	-19.53	265.89	234.57	269.31
720	65	887	8.72	30.24	-37.62	12.84	-20.23	-29.62	335.71	-122.87	129.30	83.54	228.15
		928	10.01	25.82	-56.26	10.52	-40.97	-31.96	300.99	-225.87	27.38	47.74	263.23
		953	12.42	39.97	-55.58	24.73	-40.34	-34.99	513.20	-89.06	62.21	361.93	261.19
		914	10.97	53.46	-36.82	31.73	-15.10	-38.59	518.43	-19.68	264.03	234.72	268.66
721	17	953	13.86	30.81	-101.67	26.35	-97.21	-23.89	515.21	-112.44	58.36	344.41	279.34
		954	10.82	16.26	-117.11	15.31	-116.16	-11.20	256.22	-202.50	-72.17	125.89	206.88
		867	10.94	22.28	-125.41	21.96	-125.08	-6.91	220.98	-81.54	-81.35	220.79	7.50
		868	13.93	43.68	-98.68	42.66	-97.66	-12.02	524.79	8.48	19.34	513.93	74.09
721	49	953	11.95	27.45	-55.82	18.79	-47.16	-25.41	503.06	-114.93	54.19	333.94	275.53
		954	8.93	12.28	-62.26	9.21	-59.20	-14.80	273.87	-183.14	-65.54	156.27	199.78
		867	8.29	14.85	-68.44	13.91	-67.50	-8.77	252.90	-74.20	-73.31	252.01	17.11
		868	11.18	35.40	-49.95	32.89	-47.44	-14.43	520.03	11.76	25.36	506.43	82.03
721	81	953	11.82	27.42	-52.62	18.22	-43.43	-25.52	502.23	-115.09	53.90	333.24	275.25
		954	8.81	12.14	-58.33	8.76	-54.95	-15.07	275.23	-181.76	-65.06	158.54	199.27
		867	8.09	14.34	-64.23	13.31	-63.21	-8.91	255.30	-73.69	-72.73	254.34	17.80
		868	10.98	34.87	-46.41	32.16	-43.69	-14.60	519.77	11.97	25.79	505.95	82.60
722	1	965	10.92	25.49	-124.09	-9.43	-89.16	63.28	228.58	-271.57	-267.01	224.02	47.56
		929	9.42	18.52	-117.73	-13.29	-85.91	57.64	162.51	-269.78	-262.45	155.19	55.78
		927	9.36	-11.41	-131.00	-46.48	-95.92	54.45	204.59	-211.95	-211.35	203.99	15.89
		954	11.17	7.49	-136.63	-37.02	-92.12	66.59	252.34	-170.43	-164.06	245.97	-51.48
722	33	965	9.16	20.84	-64.23	10.60	-53.99	27.69	237.12	-246.15	-243.14	234.12	37.99
		929	7.58	14.79	-57.02	5.30	-47.53	24.33	165.01	-248.63	-242.99	159.37	47.97
		927	7.32	-2.36	-65.76	-15.41	-52.72	25.63	204.71	-191.23	-191.21	204.69	2.68
		954	8.78	8.24	-72.29	-9.63	-54.42	33.47	265.58	-150.66	-140.54	255.46	-64.13
722	65	965	9.06	20.78	-59.97	12.12	-51.32	24.98	237.83	-244.25	-241.35	234.93	37.25
		929	7.47	14.72	-52.61	6.71	-44.61	21.79	165.24	-247.05	-241.53	159.72	47.37
		927	7.19	-1.57	-60.91	-13.04	-49.44	23.44	204.78	-189.70	-189.70	204.78	1.67
		954	8.61	8.42	-67.52	-7.54	-51.56	30.95	266.68	-149.22	-138.77	256.22	-65.10
723	17	914	13.78	76.12	-55.55	13.87	6.70	-65.74	650.85	51.68	502.47	200.06	258.63
		953	17.06	26.89	-103.95	12.24	-89.30	-41.26	660.13	-209.07	115.89	335.17	420.55
		868	19.21	98.17	-111.01	83.51	-96.35	-53.40	809.17	22.28	28.73	802.73	-70.91
		36	24.55	216.63	-26.54	153.51	36.58	-106.60	1391.67	318.66	938.85	771.48	529.94
723	49	914	12.15	50.01	-39.02	2.99	8.00	-44.45	609.66	11.28	464.51	156.44	256.49
		953	15.39	33.09	-58.23	14.18	-39.33	-37.00	632.22	-227.90	83.59	320.73	413.39
		868	15.86	57.32	-59.32	48.60	-50.60	-30.68	790.68	-18.83	-14.59	786.44	-58.43
		36	21.84	147.50	-11.84	109.16	26.50	-68.11	1355.88	259.93	891.03	724.78	541.63
723	81	914	12.03	48.10	-37.82	2.18	8.09	-42.86	606.64	8.30	461.70	153.24	256.35
		953	15.28	33.74	-55.01	14.33	-35.60	-36.69	630.23	-229.28	81.22	319.73	412.87
		868	15.61	54.28	-55.47	46.00	-47.19	-28.99	789.41	-21.86	-17.77	785.32	-57.50
		36	21.65	142.36	-10.75	105.86	25.76	-65.25	1353.26	255.60	887.51	721.35	542.51
724	4	910	9.10	14.38	-10.55	-2.57	6.40	-11.63	119.35	-474.27	49.84	-404.77	190.86
		952	11.15	62.80	-1.48	1.26	60.07	-12.98	108.95	-475.10	42.55	-408.69	185.40
		948	10.88	61.52	1.58	2.54	60.56	-7.53	81.81	-491.07	11.95	-421.21	187.46
		890	8.79	13.62	-2.88	-1.31	12.05	-4.84	89.62	-484.72	20.75	-415.85	186.58
724	36	910	8.68	9.72	-27.25	-2.01	-15.53	-17.21	128.08	-465.39	49.23	-386.53	201.45
		952	10.23	39.38	-8.82	0.16	30.40	-18.76	118.20	-466.34	42.02	-390.16	196.79
		948	10.14	38.36	-6.73	0.89	30.74	-16.90	95.95	-481.55	16.76	-402.36	198.65
		890	8.52	9.05	-20.37	-1.30	-10.02	-14.05	103.18	-474.80	25.67	-397.28	196.96
724	68	910	8.66	9.62	-28.78	-1.96	-17.20	-17.63	128.76	-464.77	49.19	-385.20	202.23
		952	10.18	37.89	-9.67	0.08	28.14	-19.20	118.93	-465.74	41.99	-388.80	197.64
		948	10.10	37.02	-7.78	0.77	28.47	-17.61	97.01	-480.89	17.10	-400.98	199.48
		890	8.51	9.14	-22.14	-1.30	-11.70	-14.75	104.20	-474.10	26.02	-395.92	197.73

725	17	928	11.04	25.04	-81.64	9.29	-65.89	-37.84	344.75	-211.10	94.23	39.41	276.57
		965	10.85	12.17	-107.40	5.03	-100.26	-28.34	286.52	-237.32	8.88	40.32	261.45
		954	11.78	30.28	-104.72	20.61	-95.05	-34.81	307.87	-136.09	-40.10	211.89	182.76
725	33	953	14.50	54.97	-84.34	33.99	-63.36	-49.83	501.64	-131.84	50.45	319.35	286.79
		928	9.79	24.08	-54.74	5.95	-36.61	-33.17	302.45	-227.44	79.72	-4.72	261.56
		965	9.26	13.93	-64.56	3.48	-54.11	-26.67	248.95	-249.83	-5.44	4.56	249.34
725	65	954	9.19	21.38	-65.33	12.81	-56.76	-25.87	269.90	-141.38	-46.13	174.65	173.50
		953	12.25	42.63	-55.83	23.71	-36.91	-38.79	458.43	-140.13	42.52	275.78	275.62
		928	9.72	24.34	-52.06	5.66	-33.38	-32.83	301.89	-226.41	79.22	-3.75	260.87
725	65	965	9.17	14.59	-60.38	3.51	-49.30	-26.60	249.48	-248.09	-5.26	6.65	248.71
		954	9.00	20.73	-61.30	12.11	-52.69	-25.15	270.57	-140.76	-46.47	176.28	172.90
		953	12.09	41.73	-52.90	22.78	-33.95	-37.87	458.37	-139.55	42.18	276.65	275.02
726	4	963	12.72	113.89	-3.69	14.12	96.08	-42.15	77.40	-439.90	-106.40	-256.11	247.58
		940	14.70	156.14	1.30	15.30	142.14	-44.41	55.54	-466.50	-108.86	-302.11	242.48
		933	13.85	146.66	3.02	12.59	137.08	-35.83	51.20	-457.31	-113.81	-292.31	238.07
726	36	970	11.89	108.02	-1.34	12.35	94.32	-36.19	72.41	-420.84	-114.23	-234.20	239.22
		963	11.41	76.24	-5.65	14.00	56.59	-34.97	85.43	-454.59	-112.93	-256.24	260.33
		940	12.59	110.22	-0.08	13.71	96.43	-36.48	66.55	-460.01	-114.10	-279.36	249.98
726	68	933	11.88	101.02	0.97	11.76	90.22	-31.04	64.12	-451.39	-117.98	-269.29	246.40
		970	10.74	70.92	-4.07	12.80	54.05	-31.31	82.02	-435.92	-119.82	-234.08	252.59
		963	11.32	73.50	-5.93	13.99	53.58	-34.43	86.04	-455.70	-113.41	-256.25	261.28
726	68	940	12.44	106.77	-0.23	13.58	92.96	-35.88	67.41	-459.60	-114.49	-277.70	250.55
		933	11.74	97.61	0.74	11.70	86.65	-30.68	65.12	-451.02	-118.30	-267.60	247.04
		970	10.67	68.26	-4.44	12.84	50.99	-30.94	82.74	-437.05	-120.25	-234.07	253.59
727	4	969	12.79	120.62	-2.13	0.90	117.59	19.05	103.25	-406.52	101.61	-404.88	28.83
		930	14.70	170.86	2.57	10.52	162.90	35.71	65.14	-411.18	63.47	-409.52	28.13
		938	14.68	156.25	0.15	9.04	147.36	36.17	61.49	-460.55	59.89	-458.95	28.86
727	36	960	12.93	108.65	-3.90	-0.41	105.16	19.51	81.47	-469.39	79.05	-466.96	36.49
		969	11.27	88.38	-3.71	-3.21	87.89	6.76	113.67	-394.44	109.45	-390.21	46.16
		930	12.74	131.22	0.62	4.99	126.85	23.48	76.05	-400.11	71.63	-395.68	45.68
727	68	938	12.74	116.11	-0.51	3.39	112.21	20.96	72.16	-448.95	68.04	-444.83	46.13
		960	11.50	76.67	-4.95	-4.67	76.39	4.73	93.31	-457.14	88.12	-451.94	53.22
		969	11.17	86.00	-3.90	-3.52	85.62	5.82	114.50	-393.60	110.03	-389.13	47.44
727	68	930	12.60	128.22	0.46	4.57	124.10	22.56	76.91	-399.35	72.23	-394.67	46.99
		938	12.61	113.09	-0.60	2.96	109.53	19.81	73.00	-448.15	68.65	-443.80	47.41
		960	11.40	74.36	-5.16	-5.00	74.20	3.61	94.24	-456.28	88.79	-450.84	54.47
728	20	934	11.95	156.47	-1.97	0.60	153.90	20.03	377.71	106.23	139.89	344.05	-89.47
		922	15.76	213.73	-0.05	3.59	210.08	27.68	333.25	-24.53	-24.46	333.18	-5.07
		902	12.85	209.04	-0.61	2.31	206.13	24.54	154.41	-10.00	-9.53	153.94	8.83
728	52	931	9.07	152.88	-1.63	-0.64	151.89	12.29	144.73	115.29	116.21	143.81	-5.13
		934	10.94	139.67	-2.38	-0.62	137.90	15.72	357.36	111.91	141.44	327.83	-79.85
		922	14.81	199.39	0.26	3.08	196.57	23.52	317.30	-19.52	-19.47	317.24	4.14
728	84	902	11.92	194.82	-0.06	2.38	192.39	21.65	140.26	-9.48	-7.19	137.97	18.39
		931	8.03	136.29	-2.04	-1.42	135.68	9.19	129.37	116.72	118.47	127.62	4.36
		934	10.87	138.41	-2.41	-0.71	136.70	15.40	355.91	112.33	141.55	326.68	-79.14
728	84	922	14.74	198.31	0.28	3.04	195.55	23.21	316.19	-19.17	-19.10	316.12	4.82
		902	11.85	193.76	-0.02	2.38	191.36	21.43	139.33	-9.51	-7.02	136.84	19.09
		931	7.96	135.05	-2.07	-1.48	134.46	8.96	128.96	116.15	118.63	126.47	5.06
729	4	932	13.86	151.43	-1.10	-1.07	151.40	-2.10	87.55	-420.30	20.75	-353.49	171.65
		898	14.56	192.27	5.07	5.67	191.66	10.63	8.13	-338.06	7.12	-337.04	18.71
		917	12.86	175.61	1.00	3.14	173.47	19.22	13.18	-281.45	9.40	-277.66	33.18
729	36	939	12.33	137.94	-3.27	-3.18	137.85	3.50	103.49	-375.23	20.12	-291.86	181.56
		932	11.78	99.10	-1.72	-1.33	98.70	-6.33	95.09	-432.28	22.32	-359.51	181.88
		898	11.46	126.82	2.41	2.81	126.42	7.07	11.11	-345.40	8.69	-342.98	29.26
729	68	917	9.77	110.17	0.57	1.58	109.16	10.48	18.64	-290.05	12.25	-283.67	43.92
		939	10.47	84.77	-2.93	-2.60	84.44	-5.37	112.73	-387.69	22.97	-297.93	191.99
		932	11.63	95.14	-1.80	-1.35	94.69	-6.65	95.66	-433.17	22.44	-359.95	182.65
729	68	898	11.23	121.85	2.20	2.59	121.46	6.80	11.36	-345.96	8.81	-343.41	30.05
		917	9.54	105.20	0.53	1.46	104.27	9.82	19.07	-290.70	12.47	-284.10	44.73
		939	10.34	80.82	-2.99	-2.55	80.38	-6.04	113.43	-388.61	23.18	-298.37	192.78
730	1	888	8.97	21.93	-61.05	-11.44	-27.68	-40.69	179.89	-317.46	106.85	-244.42	176.05
		949	9.74	10.04	-82.16	-19.97	-52.15	-43.20	209.64	-336.76	112.64	-239.76	208.79
		928	12.00	31.08	-92.45	-17.73	-43.64	-60.39	332.48	-219.49	187.87	-74.88	242.71
730	33	913	10.33	42.32	-70.03	-10.43	-17.28	-56.07	276.48	-195.56	189.78	-108.86	182.78
		888	8.23	19.48	-44.60	-9.09	-16.03	-31.85	162.26	-311.49	89.80	-239.03	170.52
		949	9.07	17.54	-51.35	-13.27	-20.54	-34.25	190.85	-326.78	96.28	-232.22	200.02
730	65	928	10.35	29.93	-56.39	-11.15	-15.31	-43.11	310.07	-215.46	163.26	-68.65	235.80
		913	8.79	31.35	-46.51	-7.87	-7.29	-38.93	253.80	-193.62	164.54	-104.36	178.80
		888	8.17	19.31	-43.37	-8.91	-15.14	-31.18	160.94	-311.06	88.52	-238.64	170.10
730	65	949	9.03	18.24	-49.13	-12.76	-18.13	-33.57	189.44	-326.04	95.06	-231.66	199.36
		928	10.23	29.92	-53.72	-10.65	-13.15	-41.80	308.40	-215.19	161.41	-68.19	235.28
		913	8.68	30.53	-44.73	-7.68	-6.52	-37.62	252.11	-193.51	162.64	-104.04	178.50
731	20	964	11.76	108.12	-9.38	3.00	95.74	36.08	756.40	354.51	550.59	560.32	-200.88
		936	14.31	153.85	-4.19	9.30	140.36	44.16	599.25	87.70	130.38	556.57	-141.47
		934	11.52	153.29	-2.95	5.95	144.39	36.21	371.33	110.74	134.32	347.75	-74.76
731	52	957	8.40	103.91	-8.72	-3.15	98.34	24.42	474.85	242.85	407.12	310.58	-105.48
		964	11.04	89.04	-9.60	-0.73	80.17	28.22	740.28	357.57	556.29	541.56	-191.22

		936	13.48	138.68	-3.27	6.75	128.66	36.36	580.71	102.43	142.59	540.55	-132.64
		934	10.65	138.58	-2.97	3.71	131.90	30.02	350.81	120.31	140.00	331.12	-64.43
		957	7.57	85.58	-9.89	-6.38	82.07	17.97	464.66	238.88	412.15	291.40	-95.39
731	84	964	10.99	87.62	-9.62	-1.01	79.00	27.63	739.16	357.79	556.72	540.23	-190.50
		936	13.42	137.55	-3.21	6.56	127.78	35.78	579.40	103.52	143.49	539.43	-131.99
		934	10.58	137.49	-2.98	3.55	130.96	29.56	349.35	121.02	140.42	329.95	-63.66
		957	7.52	84.22	-9.99	-6.62	80.85	17.49	464.01	238.54	412.52	290.03	-94.65
732	8	966	9.10	119.13	-7.21	-7.04	118.96	4.61	301.69	22.67	301.69	22.67	0.52
		931	9.00	175.42	-2.04	-1.23	174.61	11.98	134.90	62.04	127.96	68.98	-21.39
		935	10.71	170.29	-1.84	-1.46	169.92	8.03	100.27	-102.40	91.86	-93.98	40.43
		961	10.02	114.26	-5.46	-5.45	114.25	-1.33	212.24	-150.72	201.06	-139.54	62.71
732	40	966	7.70	90.89	-7.91	-7.87	90.86	-1.94	303.03	40.12	302.23	40.93	14.49
		931	7.92	147.12	-2.12	-1.91	146.91	5.59	129.57	86.67	128.25	87.99	-7.41
		935	9.15	142.29	-1.71	-1.69	142.27	1.89	108.79	-91.23	92.62	-75.07	54.51
		961	8.72	86.84	-6.42	-5.78	86.20	-7.66	219.21	-138.67	201.89	-121.35	76.80
732	72	966	7.61	88.77	-7.99	-7.93	88.71	-2.44	303.20	41.40	302.27	42.33	15.53
		931	7.83	144.98	-2.14	-1.96	144.80	5.11	129.29	88.43	128.27	89.45	-6.37
		935	9.04	140.17	-1.72	-1.70	140.16	1.43	109.54	-90.47	92.68	-73.62	55.56
		961	8.63	84.80	-6.54	-5.81	84.06	-8.14	219.80	-137.80	201.96	-119.96	77.86
733	4	937	14.34	173.79	-0.53	-0.49	173.75	2.78	90.54	-370.29	46.94	-326.69	134.89
		920	15.65	222.95	1.38	2.26	222.07	13.94	2.16	-304.79	1.64	-304.27	12.64
		900	16.02	208.20	-0.01	1.32	206.87	16.60	4.84	-377.19	4.07	-376.41	17.23
		930	14.82	164.80	-2.10	-2.06	164.76	2.59	81.47	-435.26	33.62	-387.42	149.78
733	36	937	12.45	137.32	-0.88	-0.86	137.30	-1.47	101.07	-356.74	47.71	-303.38	146.91
		920	13.27	181.94	0.69	1.33	181.31	10.74	4.59	-283.20	2.38	-280.99	25.12
		900	13.64	167.27	0.11	0.96	166.43	11.85	8.15	-355.37	5.73	-352.95	29.54
		930	12.97	128.56	-1.69	-1.64	128.52	-2.44	92.47	-421.16	35.22	-363.91	161.64
733	68	937	12.32	134.55	-0.91	-0.89	134.53	-1.80	101.90	-355.79	47.76	-301.65	147.81
		920	13.09	178.82	0.63	1.26	178.20	10.49	4.83	-281.65	2.44	-279.26	26.05
		900	13.46	164.16	0.12	0.93	163.35	11.49	8.44	-353.79	5.86	-351.21	30.46
		930	12.84	125.82	-1.67	-1.61	125.76	-2.82	93.33	-420.16	35.34	-362.17	162.52
734	8	894	15.54	-4.93	-23.54	-23.41	-5.07	1.59	1034.07	147.18	1015.84	165.41	125.85
		943	12.69	67.48	-20.16	-14.84	62.16	20.93	764.40	179.12	761.63	181.89	-40.17
		944	10.32	60.84	-13.47	-12.14	59.50	9.87	497.30	-39.61	496.68	-38.98	18.27
		907	10.65	0.23	-16.75	-16.66	0.14	-1.25	604.18	-91.96	583.33	-71.11	118.66
734	40	894	15.55	-19.90	-40.23	-28.59	-31.54	-10.05	1030.26	154.12	1006.84	177.54	141.31
		943	11.80	38.79	-19.89	-18.49	37.39	8.96	753.02	192.71	752.12	193.61	-22.49
		944	9.52	34.27	-16.67	-16.65	34.25	-1.00	496.31	-28.21	493.97	-25.87	34.97
		907	10.58	-11.65	-36.63	-21.63	-26.65	-12.23	607.12	-84.40	580.43	-57.71	133.21
734	72	894	15.56	-20.09	-42.44	-28.98	-33.55	-10.94	1029.99	154.65	1006.15	178.49	142.48
		943	11.75	36.67	-19.94	-18.77	35.50	8.05	752.19	193.72	751.39	194.53	-21.16
		944	9.47	32.39	-17.06	-16.99	32.33	-1.83	496.28	-27.37	493.76	-24.85	36.23
		907	10.59	-11.86	-38.83	-22.00	-28.69	-13.06	607.37	-83.83	580.21	-56.67	134.30
735	4	947	10.47	65.44	-6.30	-1.78	60.92	-17.44	81.58	-429.69	-0.56	-347.55	187.75
		970	12.02	110.54	1.71	3.53	108.73	-13.93	69.92	-423.59	-7.26	-346.41	179.26
		959	10.43	102.28	4.32	4.45	102.15	-3.53	84.41	-370.89	-8.16	-278.32	183.24
		950	9.12	61.61	-2.00	-1.31	60.92	-6.59	97.80	-374.22	2.31	-278.73	189.62
735	36	947	9.88	42.54	-11.99	-0.94	31.48	-21.93	92.03	-441.36	2.68	-352.00	199.19
		970	10.79	72.18	-3.04	1.83	67.32	-18.50	81.01	-436.02	-4.07	-350.93	191.71
		959	9.51	61.88	-1.40	2.02	58.46	-14.32	98.57	-383.48	-1.97	-282.93	195.85
		950	8.90	37.57	-8.79	-1.04	29.82	-17.30	111.15	-385.88	8.54	-283.27	201.17
735	68	947	9.84	41.06	-12.69	-0.87	29.24	-22.27	92.81	-442.22	2.91	-352.32	200.05
		970	10.71	69.41	-3.54	1.70	64.17	-18.84	81.85	-436.94	-3.84	-351.26	192.64
		959	9.46	59.13	-2.16	1.84	55.13	-15.14	99.63	-384.41	-1.51	-283.27	196.79
		950	8.90	36.25	-9.82	-1.02	27.45	-18.11	112.15	-386.75	9.01	-283.60	202.04
736	4	959	11.12	103.96	-3.10	-2.06	102.92	-10.51	89.25	-368.85	19.89	-299.50	164.20
		939	12.12	142.84	4.95	5.01	142.78	-2.89	76.81	-347.74	13.26	-284.19	151.46
		941	9.92	130.81	1.57	2.21	130.17	9.06	104.40	-273.91	14.58	-184.09	160.97
		958	9.16	94.63	-5.01	-5.01	94.62	0.95	132.93	-288.10	32.26	-187.42	179.59
736	36	959	9.93	64.61	-6.91	-2.57	60.28	-17.06	101.23	-382.87	23.92	-305.57	177.33
		939	10.12	87.46	0.63	1.51	86.57	-8.73	88.91	-362.21	17.41	-290.71	164.76
		941	8.27	73.53	-0.26	6.43e-03	73.27	-4.41	117.18	-288.82	18.93	-190.57	173.89
		958	8.50	55.22	-6.90	-4.30	52.63	-12.42	145.68	-302.54	36.55	-193.41	192.36
736	68	959	9.86	61.81	-7.40	-2.61	57.03	-17.56	102.13	-383.92	24.22	-306.01	178.32
		939	9.99	83.32	0.22	1.25	82.29	-9.17	89.82	-363.29	17.72	-291.18	165.75
		941	8.18	69.36	-0.58	-0.16	68.94	-5.43	118.14	-289.93	19.25	-191.04	174.85
		958	8.48	52.60	-7.43	-4.25	49.43	-13.44	146.64	-303.61	36.87	-193.84	193.32
737	4	946	10.29	61.40	-5.85	-3.81	59.37	-11.51	209.89	-344.77	149.37	-284.25	172.93
		962	11.29	117.14	-1.55	-0.76	116.34	-9.69	157.27	-286.61	114.46	-243.80	131.03
		969	12.26	116.33	-0.64	-0.05	115.75	-8.23	108.43	-393.39	53.31	-338.27	156.91
		951	10.83	62.64	-3.75	-2.09	60.98	-10.37	140.84	-433.12	76.50	-368.78	181.08
737	40	946	9.21	36.89	-10.78	-3.44	29.55	-17.20	220.24	-321.77	147.23	-248.75	185.05
		962	9.99	86.06	-3.76	-1.08	83.37	-15.29	164.41	-281.83	112.34	-229.76	143.27
		969	11.02	85.82	-2.67	0.01	83.14	-15.18	116.90	-388.82	52.07	-323.98	169.07
		951	9.74	38.83	-8.97	-1.44	31.30	-17.41	152.12	-409.96	75.22	-333.06	193.16
737	72	946	9.16	35.33	-11.43	-3.41	27.31	-17.62	220.84	-321.40	147.07	-247.62	185.90
		962	9.90	83.79	-4.01	-1.10	80.89	-15.70	164.98	-281.42	112.18	-228.62	144.16

		969	10.94	83.63	-2.93	0.01	80.68	-15.70	117.58	-388.42	51.99	-322.83	169.96
		951	9.69	37.38	-9.69	-1.39	29.07	-17.94	152.79	-409.57	75.14	-331.91	194.01
738	4	906	24.43	0.76	-18.08	-17.33	7.21e-03	3.70	1759.23	488.74	1759.15	488.83	-10.29
		967	16.99	86.75	-8.58	10.04	68.13	37.79	1183.58	441.75	1131.46	493.87	-189.61
		943	12.84	67.67	-22.49	-13.93	59.10	26.44	761.59	175.80	745.38	192.01	-96.08
		894	15.31	0.27	-20.27	-20.27	0.27	0.26	1019.26	149.12	1017.64	150.74	37.51
738	36	906	24.40	-16.28	-36.26	-26.81	-25.73	-9.98	1746.18	493.22	1746.15	493.25	6.38
		967	16.20	56.38	-9.89	0.89	45.60	24.46	1162.36	458.45	1118.58	502.23	-170.00
		943	12.06	38.95	-24.94	-21.56	35.57	14.30	751.26	190.64	740.37	201.52	-77.36
		894	15.31	-15.07	-39.88	-28.66	-26.28	-12.35	1014.74	153.17	1011.45	156.46	53.14
738	68	906	24.41	-16.59	-38.62	-27.53	-27.69	-11.01	1745.20	493.57	1745.15	493.62	7.63
		967	16.15	54.08	-10.01	0.20	43.87	23.45	1160.77	459.73	1117.59	502.91	-168.53
		943	12.01	36.81	-25.18	-22.14	33.77	13.38	750.51	191.76	739.98	202.29	-75.95
		894	15.32	-15.48	-42.11	-29.30	-28.30	-13.31	1014.42	153.48	1010.98	156.93	54.32
739	8	961	10.07	117.19	-4.60	-2.55	115.14	-15.68	213.01	-146.41	181.31	-114.72	101.92
		935	10.88	175.85	-0.86	0.12	174.87	-13.12	100.90	-97.37	79.98	-76.45	60.91
		942	12.28	167.24	-1.07	0.06	166.11	-13.76	88.98	-239.28	44.11	-194.41	112.76
		962	11.23	112.84	-3.68	-0.99	110.14	-17.51	153.08	-291.33	96.30	-234.55	148.36
739	40	961	8.73	88.12	-5.88	-2.09	84.34	-18.48	219.62	-136.80	178.68	-95.86	113.64
		935	9.23	144.84	-1.25	0.46	143.14	-15.69	109.20	-89.05	77.33	-57.18	72.82
		942	10.73	136.45	-1.16	0.88	134.41	-16.64	98.77	-231.91	41.90	-175.04	124.79
		962	9.97	84.41	-5.08	-0.06	79.39	-20.59	162.01	-283.56	94.07	-215.61	160.17
739	72	961	8.64	85.96	-6.03	-2.06	81.99	-18.69	220.17	-136.11	178.49	-94.42	114.52
		935	9.11	142.49	-1.29	0.48	140.72	-15.88	109.93	-88.51	77.13	-55.71	73.71
		942	10.62	134.13	-1.19	0.94	131.99	-16.86	99.57	-231.40	41.73	-173.56	125.68
		962	9.88	82.31	-5.26	8.64e-03	77.05	-20.82	162.73	-282.99	93.90	-214.17	161.06
740	8	942	12.73	173.67	-0.54	-0.15	173.28	-8.21	103.08	-253.26	51.60	-201.78	125.27
		901	14.15	228.25	0.96	1.02	228.19	3.49	0.87	-189.34	-3.04	-185.43	26.99
		920	14.96	214.05	-0.65	-0.60	214.00	3.34	1.09	-288.38	-3.32	-283.97	35.46
		937	13.90	168.80	-1.46	-1.16	168.50	-7.15	92.66	-356.55	30.16	-294.05	155.47
740	40	942	11.07	139.61	-1.15	-0.40	138.86	-10.28	113.33	-247.67	51.70	-186.04	135.83
		901	12.14	192.01	0.53	0.54	192.00	1.43	4.51	-178.24	-3.64	-170.09	37.73
		920	12.95	177.90	-0.30	-0.29	177.89	1.28	4.19	-276.28	-3.54	-268.55	45.91
		937	12.26	134.98	-1.25	-0.59	134.32	-9.47	102.28	-350.39	30.07	-278.18	165.75
740	72	942	10.95	137.03	-1.21	-0.42	136.23	-10.44	114.13	-247.27	51.70	-184.84	136.62
		901	11.99	189.25	0.50	0.51	189.24	1.27	4.86	-177.46	-3.68	-168.92	38.53
		920	12.80	175.14	-0.27	-0.26	175.14	1.12	4.46	-275.39	-3.56	-267.37	46.69
		937	12.14	132.41	-1.24	-0.55	131.71	-9.64	103.03	-349.93	30.07	-276.97	166.52
741	4	930	14.94	170.07	-0.25	-0.10	169.92	5.08	82.80	-427.86	40.24	-385.29	141.16
		900	16.35	216.84	2.55	4.03	215.36	17.76	5.71	-372.58	5.58	-372.44	7.07
		919	16.26	201.27	-0.24	1.94	199.08	20.87	9.57	-415.49	8.99	-414.91	15.66
		938	15.02	155.17	-2.48	-2.30	154.99	5.35	81.30	-479.90	35.83	-434.43	153.14
741	36	930	13.01	130.88	-0.82	-0.82	130.88	-0.11	93.65	-416.68	42.33	-365.37	153.47
		900	13.81	171.27	1.19	2.31	170.15	13.76	8.76	-353.35	7.69	-352.28	19.61
		919	13.71	155.87	-0.09	1.26	154.52	14.43	13.17	-396.64	11.18	-394.65	28.47
		938	13.12	115.76	-2.02	-2.00	115.75	-1.31	92.11	-468.62	37.88	-414.38	165.74
741	68	930	12.86	127.91	-0.88	-0.87	127.90	-0.50	94.49	-415.90	42.49	-363.90	154.39
		900	13.62	167.80	1.08	2.18	166.71	13.46	9.02	-351.97	7.85	-350.80	20.54
		919	13.52	152.41	-0.08	1.20	151.13	13.94	13.48	-395.29	11.35	-393.16	29.42
		938	12.98	112.79	-2.01	-1.98	112.76	-1.82	92.95	-467.83	38.03	-412.91	166.68
742	4	951	10.96	64.21	-5.16	-2.51	61.56	-13.30	141.71	-429.51	78.90	-366.70	178.70
		969	12.69	120.01	-0.37	0.61	119.04	-10.78	107.35	-405.37	56.26	-354.29	153.57
		960	12.80	109.37	0.82	1.28	108.91	-7.08	81.23	-471.16	22.53	-412.47	170.23
		952	11.09	61.40	-3.34	-1.73	59.79	-10.10	102.13	-480.35	35.40	-413.63	185.51
742	36	951	9.96	40.51	-10.14	-1.92	32.29	-18.68	151.53	-417.30	78.36	-344.13	190.44
		969	11.21	87.51	-2.88	0.10	84.53	-16.14	117.12	-392.94	55.76	-331.59	165.92
		960	11.42	76.67	-2.23	0.70	73.74	-14.93	93.03	-458.54	23.99	-389.50	182.52
		952	10.19	38.45	-9.28	-1.09	30.26	-17.99	113.90	-467.80	36.89	-390.79	197.15
742	68	951	9.90	38.98	-10.79	-1.87	30.06	-19.09	152.30	-416.44	78.32	-342.47	191.31
		969	11.10	85.12	-3.16	0.06	81.90	-16.54	117.89	-392.07	55.72	-329.91	166.84
		960	11.33	74.33	-2.61	0.66	71.06	-15.52	93.94	-457.65	24.09	-387.80	183.44
		952	10.14	37.08	-10.11	-1.04	28.02	-18.59	114.80	-466.91	36.99	-389.10	198.01
743	4	939	12.87	141.88	-3.93	0.27	137.68	-24.38	107.30	-375.39	-27.99	-240.10	216.79
		917	13.39	186.90	4.29	5.13	186.05	-12.38	14.18	-278.07	-1.78	-262.11	66.41
		897	11.15	170.02	2.64	2.64	170.02	0.43	17.98	-199.13	-6.50	-174.65	68.66
		941	10.81	128.82	-2.91	-1.06	126.96	-15.53	143.10	-303.84	-22.81	-137.92	215.93
743	36	939	10.80	87.29	-3.98	1.11	82.20	-20.94	115.17	-388.68	-29.15	-244.35	227.79
		917	10.03	115.48	2.09	2.65	114.92	-7.92	18.16	-287.57	-2.99	-266.42	77.59
		897	7.81	98.05	1.36	1.38	98.03	-1.35	24.06	-210.35	-7.39	-178.90	79.90
		941	9.18	73.69	-3.57	0.56	69.56	-17.39	151.56	-317.56	-23.88	-142.12	226.99
743	68	939	10.66	83.19	-4.05	1.17	77.98	-20.68	115.76	-389.67	-29.24	-244.66	228.61
		917	9.77	110.05	1.92	2.46	109.51	-7.58	18.48	-288.30	-3.08	-266.73	78.43
		897	7.56	92.58	1.25	1.28	92.56	-1.49	24.54	-211.21	-7.45	-179.22	80.74
		941	9.08	69.65	-3.77	0.69	65.19	-17.53	152.20	-318.58	-23.96	-142.43	227.82
744	4	941	11.74	140.22	-6.46	2.77	130.99	-35.62	151.43	-300.22	-49.24	-99.55	224.42
		897	11.64	180.17	2.05	4.90	177.32	-22.35	21.49	-187.00	-12.33	-153.18	76.86
		916	8.96	162.03	0.89	1.52	161.40	-10.12	30.99	-95.72	-17.65	-47.08	61.62

		929	9.47	127.35	-5.33	-0.59	122.60	-24.64	194.33	-229.43	-45.71	10.61	210.00
744	33	941	7.80	8.68	-43.61	5.47	-40.40	-12.55	163.62	-348.62	-61.09	-123.92	254.18
		897	5.25	-0.88	-36.93	-1.16	-36.64	3.17	31.40	-230.40	-23.16	-175.84	106.34
		916	4.42	0.15	-56.37	0.13	-56.35	1.04	45.20	-142.79	-28.14	-69.46	91.70
		929	8.27	11.38	-55.48	7.17	-51.27	-16.24	206.35	-276.36	-56.47	-13.54	240.40
744	65	941	7.81	9.25	-39.62	5.39	-35.76	-13.17	163.29	-347.31	-60.77	-123.25	253.38
		897	4.97	-0.79	-31.06	-1.00	-30.85	2.48	31.12	-229.21	-22.87	-175.22	105.54
		916	4.15	0.18	-50.47	0.17	-50.45	0.74	44.81	-141.52	-27.85	-68.85	90.88
		929	8.19	11.62	-51.23	6.96	-46.57	-16.47	206.02	-275.09	-56.18	-12.88	239.58
745	4	970	12.17	110.81	-2.13	9.25e-03	108.68	15.39	71.31	-423.94	62.76	-415.39	64.50
		932	13.34	151.32	5.58	11.36	145.53	28.46	64.68	-398.97	57.55	-391.84	57.05
		939	11.77	139.46	1.84	11.00	130.30	34.30	75.80	-348.94	61.70	-334.84	76.09
		959	10.68	100.46	-4.72	-0.26	96.00	21.19	89.56	-368.26	73.22	-351.93	84.92
745	36	970	10.89	72.66	-4.78	-4.76	72.64	1.24	81.56	-437.41	70.68	-426.53	74.35
		932	11.32	99.01	1.62	3.64	96.99	13.86	74.14	-412.84	64.49	-403.19	67.87
		939	9.90	85.20	-0.06	2.20	82.94	13.68	87.89	-363.05	70.76	-345.92	86.20
		959	9.66	61.47	-6.22	-6.17	61.42	1.74	101.36	-382.12	82.17	-362.93	94.40
745	68	970	10.80	69.89	-5.12	-5.12	69.89	0.17	82.33	-438.42	71.27	-427.36	75.09
		932	11.18	95.06	1.28	3.05	93.30	12.76	74.87	-413.88	65.02	-404.03	68.68
		939	9.78	81.18	-0.31	1.53	79.34	12.11	88.80	-364.10	71.44	-346.74	86.96
		959	9.60	58.79	-6.62	-6.62	58.79	0.27	102.25	-383.16	82.84	-363.74	95.12
746	20	957	8.41	106.49	-9.73	-6.00	102.76	20.49	474.65	242.95	422.74	294.87	-96.61
		934	11.70	158.10	-3.59	1.95	152.56	29.42	372.13	111.65	147.27	336.50	-89.50
		931	8.92	153.79	-2.62	0.42	150.75	21.59	152.65	110.79	125.26	138.18	-19.91
		966	7.50	102.25	-6.71	-5.72	101.26	10.33	301.32	88.84	300.10	90.06	-16.03
746	52	957	7.60	86.32	-10.07	-8.32	84.57	12.87	463.89	238.57	425.75	276.71	-84.49
		934	10.70	140.70	-3.10	0.32	137.27	21.91	349.08	120.19	150.35	318.93	-77.41
		931	7.88	136.85	-2.49	-0.78	135.14	15.33	132.80	115.66	128.01	120.46	-7.69
		966	6.99	82.90	-7.91	-7.75	82.74	3.86	302.77	71.67	302.71	71.73	-3.73
746	84	957	7.56	84.83	-10.12	-8.50	83.21	12.30	463.19	238.20	425.97	275.42	-83.60
		934	10.62	139.40	-3.07	0.20	136.13	21.36	347.43	120.83	150.58	317.68	-76.52
		931	7.80	135.59	-2.49	-0.87	133.97	14.86	131.86	115.55	128.21	119.20	-6.79
		966	6.96	81.48	-8.02	-7.90	81.35	3.38	302.93	70.39	302.90	70.42	-2.82
747	4	950	9.62	63.98	-5.68	-0.78	59.08	-17.81	96.58	-374.60	-5.72	-272.29	194.26
		959	10.88	103.33	2.19	4.77	100.75	-15.94	85.28	-370.82	-14.75	-270.78	188.73
		958	8.80	95.55	4.58	4.71	95.42	-3.39	125.89	-292.32	-8.26	-158.17	195.21
		949	7.96	61.08	-2.05	-1.57	60.61	-5.47	142.91	-292.48	12.42	-161.99	199.47
747	36	950	9.18	40.70	-12.61	-0.19	28.28	-22.53	109.74	-386.19	-0.47	-275.98	206.19
		959	9.80	64.00	-4.21	2.63	57.16	-20.49	99.17	-383.15	-9.54	-274.44	201.53
		958	8.31	55.12	-1.72	2.57	50.84	-15.00	142.39	-304.24	-0.24	-161.62	208.23
		949	8.11	37.16	-8.41	-0.76	29.52	-17.03	158.51	-303.60	20.37	-165.46	211.55
747	68	950	9.16	39.24	-13.45	-0.15	25.94	-22.89	110.73	-387.05	-0.09	-276.24	207.08
		959	9.73	61.23	-4.92	2.47	53.85	-20.83	100.21	-384.06	-9.16	-274.70	202.49
		958	8.30	52.48	-2.63	2.40	47.44	-15.88	143.63	-305.12	0.36	-161.86	209.20
		949	8.14	35.91	-9.46	-0.70	27.15	-17.90	159.68	-304.42	20.96	-165.71	212.45
748	4	892	8.45	5.66	-11.29	-6.20	0.57	-7.77	243.38	-352.92	162.75	-272.29	203.91
		946	10.31	61.15	-4.42	-3.07	59.80	-9.32	215.71	-346.53	162.02	-292.84	165.24
		951	10.64	63.24	-1.19	-0.07	62.12	-8.42	149.56	-419.16	89.23	-358.82	175.14
		909	8.62	9.87	-5.29	-2.60	7.18	-5.79	163.96	-429.87	92.58	-358.49	193.11
748	35	892	8.41	2.06	-41.02	-6.15	-32.81	-16.92	251.68	-361.17	159.13	-268.63	219.44
		946	9.22	31.88	-13.70	-3.95	22.12	-18.69	227.67	-327.56	158.56	-258.45	183.29
		951	9.92	35.13	-11.98	-1.42	24.57	-19.65	158.03	-426.55	86.53	-355.05	191.53
		909	8.46	5.61	-35.09	-3.20	-26.28	-16.76	172.23	-436.97	89.65	-354.39	208.54
748	67	892	8.40	2.02	-42.24	-6.14	-34.09	-17.16	252.12	-359.86	158.98	-266.72	219.83
		946	9.18	30.90	-14.27	-3.99	20.61	-18.94	227.94	-326.90	158.41	-257.36	183.70
		951	9.87	34.26	-12.68	-1.49	23.07	-20.00	158.52	-425.14	86.49	-353.11	191.97
		909	8.44	5.61	-36.39	-3.21	-27.56	-17.11	172.71	-435.57	89.59	-352.45	208.93
749	1	949	9.73	19.51	-80.55	2.68	-63.72	-37.42	200.52	-338.00	32.87	-170.35	249.35
		958	9.45	8.82	-96.01	-2.89	-84.30	-33.02	186.26	-342.09	11.78	-167.61	248.48
		965	11.56	27.38	-106.28	7.55	-86.45	-47.51	260.14	-244.71	13.22	2.21	252.36
		928	11.97	41.52	-88.64	13.71	-60.82	-53.35	304.21	-239.20	66.67	-1.66	269.55
749	33	949	9.01	21.72	-50.23	1.72	-30.23	-32.23	185.50	-324.87	25.80	-165.17	236.64
		958	8.69	16.12	-51.81	-0.50	-35.19	-29.21	171.94	-328.50	4.86	-161.42	236.00
		965	9.59	24.99	-59.29	5.11	-39.41	-35.78	247.88	-232.75	6.68	8.45	240.31
		928	10.26	34.20	-54.37	8.26	-28.44	-40.30	290.69	-227.01	60.06	3.62	257.31
749	65	949	8.97	22.04	-48.07	1.64	-27.67	-31.84	184.37	-323.89	25.28	-164.79	235.69
		958	8.66	16.96	-48.73	-0.32	-31.45	-28.92	170.87	-327.48	4.35	-160.96	235.07
		965	9.46	24.95	-55.86	4.93	-35.83	-34.89	246.98	-231.86	6.20	8.91	239.42
		928	10.14	33.74	-51.86	7.85	-25.97	-39.31	289.69	-226.10	59.57	4.01	256.39
750	4	938	15.27	161.08	-0.76	-0.46	160.79	-6.90	82.54	-477.75	14.11	-409.31	183.47
		919	16.54	209.58	2.18	2.25	209.52	3.62	7.34	-409.25	3.38	-405.29	40.42
		899	15.99	193.96	-0.12	0.25	193.59	8.46	5.72	-424.96	1.12	-420.35	44.30
		940	14.99	149.87	-2.62	-2.46	149.70	-4.98	80.62	-495.40	11.31	-426.09	187.41
750	36	938	13.26	118.59	-1.30	-0.46	117.75	-9.95	93.25	-468.81	14.80	-390.36	194.78
		919	13.83	159.74	1.05	1.08	159.71	2.35	10.85	-392.69	4.10	-385.94	51.77
		899	13.27	144.20	-7.59e-03	0.13	144.06	4.50	9.17	-408.51	1.60	-400.95	55.71
		940	13.02	107.55	-2.17	-1.40	106.77	-9.20	91.11	-486.40	11.79	-407.08	198.79

750	68	938	13.12	115.37	-1.36	-0.46	114.48	-10.19	94.08	-468.20	14.86	-388.98	195.63
		919	13.62	155.95	0.96	0.99	155.91	2.25	11.15	-391.52	4.15	-384.53	52.62
		899	13.06	140.41	-2.16e-03	0.12	140.28	4.20	9.46	-407.35	1.64	-399.53	56.56
		940	12.87	104.36	-2.17	-1.32	103.50	-9.52	91.92	-485.79	11.83	-405.69	199.64
751	4	954	11.02	121.29	-10.22	-7.28	118.35	-19.42	396.44	-142.61	-8.71	262.54	232.91
		915	11.92	146.49	1.43	1.56	146.36	-4.28	330.91	-0.39	19.66	310.86	78.98
		854	11.47	131.98	1.20	2.42	130.76	12.55	335.64	11.22	24.69	322.17	64.72
		867	11.77	115.25	-1.04	-1.03	115.24	-1.29	385.83	-65.19	-37.97	358.61	107.40
751	33	954	9.09	8.53	-69.07	4.25	-64.79	-17.71	282.03	-201.42	-14.95	95.56	235.32
		915	6.95	-1.39	-105.26	-1.41	-105.24	-1.35	136.90	-43.74	0.53	92.63	77.70
		854	7.63	-2.08	-119.99	-2.82	-119.25	-9.32	116.15	0.88	7.88	109.15	27.53
		867	7.95	11.73	-77.69	7.19	-73.15	-19.63	212.03	-64.90	-45.61	192.74	70.50
751	65	954	8.99	8.55	-64.44	3.94	-59.83	-17.75	284.83	-199.52	-14.78	100.08	235.26
		915	6.71	-1.31	-98.45	-1.33	-98.43	-1.43	141.56	-41.96	1.05	98.54	77.74
		854	7.38	-1.99	-113.17	-2.68	-112.48	-8.73	122.08	1.18	8.34	114.92	28.54
		867	7.77	11.57	-72.65	6.97	-68.05	-19.13	216.73	-64.90	-45.41	197.23	71.49
752	4	890	8.54	16.28	-9.77	-2.01	8.52	-11.91	98.10	-443.61	24.84	-370.34	185.26
		948	10.62	65.12	-0.02	2.84	62.26	-13.36	88.87	-449.38	15.03	-375.54	185.19
		947	10.41	64.00	4.29	4.84	63.45	-5.70	76.25	-465.16	3.38	-392.28	184.78
		911	7.84	16.12	-0.50	0.25	15.37	-3.46	88.09	-421.02	12.35	-345.27	181.17
752	36	890	8.50	11.73	-24.78	-1.73	-11.33	-17.61	107.57	-455.35	29.45	-377.23	194.61
		948	10.07	40.97	-8.71	0.79	31.47	-19.54	99.09	-462.11	19.54	-382.56	195.74
		947	9.83	40.44	-5.28	1.70	33.46	-16.44	92.25	-458.93	10.37	-377.05	196.02
		911	8.06	11.14	-16.65	-0.81	-4.71	-13.76	99.61	-432.68	19.40	-352.47	190.42
752	68	890	8.50	11.61	-26.16	-1.70	-12.84	-18.04	108.26	-456.23	29.77	-377.74	195.31
		948	10.03	39.43	-9.68	0.63	29.12	-20.00	99.84	-463.07	19.86	-383.09	196.53
		947	9.81	39.09	-6.45	1.46	31.18	-17.26	93.45	-458.52	10.88	-375.95	196.86
		911	8.09	11.22	-18.34	-0.89	-6.24	-14.54	100.46	-433.55	19.91	-353.01	191.11
753	6	925	17.95	52.00	21.44	50.27	23.17	7.08	1249.66	837.48	862.59	1224.55	-98.58
		924	13.73	79.04	0.27	19.18	60.13	33.64	800.47	139.18	144.09	795.56	-56.80
		955	16.72	88.19	-3.81	15.39	69.00	37.38	985.34	133.63	148.22	970.75	-110.49
		968	17.46	53.58	-26.53	9.23	17.82	39.83	1235.87	502.36	654.68	1083.54	-297.53
753	38	925	17.45	59.97	33.06	54.52	38.52	10.82	1154.76	819.50	841.74	1132.51	-83.44
		924	12.83	95.70	4.18	25.47	74.41	38.67	679.62	114.71	117.72	676.60	-41.15
		955	15.94	104.63	-0.02	19.73	84.88	40.94	877.27	112.05	127.32	862.01	-106.99
		968	16.34	68.07	-21.07	13.80	33.19	43.50	1162.08	473.58	635.51	1000.15	-292.01
753	70	925	17.42	60.72	33.83	54.84	39.70	11.11	1147.50	818.11	840.14	1125.48	-82.28
		924	12.77	96.98	4.48	25.95	75.51	39.05	670.38	112.82	115.70	667.50	-39.95
		955	15.88	105.89	0.27	20.06	86.10	41.22	869.01	110.38	125.70	853.69	-106.73
		968	16.26	69.20	-20.67	14.16	34.37	43.79	1156.51	471.30	634.04	993.77	-291.59
754	20	936	14.74	151.86	-2.03	4.45	145.38	30.92	622.94	76.97	141.32	558.59	-176.04
		903	17.92	204.93	-0.45	5.82	198.66	35.34	504.84	-40.67	-40.66	504.83	-2.31
		922	15.39	207.00	-0.19	4.92	201.89	32.13	330.42	-20.59	-20.22	330.05	11.44
		934	11.81	152.15	-1.63	1.66	148.86	22.26	377.21	102.64	130.09	349.76	-82.37
754	52	936	13.90	137.40	-2.39	2.84	132.17	26.54	605.59	86.06	147.39	544.26	-167.63
		903	17.19	194.22	0.08	5.17	189.12	31.03	491.65	-34.09	-34.01	491.58	6.32
		922	14.67	196.36	0.19	4.75	191.81	29.55	318.07	-17.44	-16.20	316.83	20.42
		934	10.91	137.82	-2.27	0.52	135.03	19.57	359.48	109.86	133.91	335.43	-73.65
754	84	936	13.84	136.31	-2.42	2.72	131.17	26.21	604.35	86.74	147.84	543.26	-167.01
		903	17.14	193.41	0.12	5.13	188.41	30.71	490.75	-33.62	-33.53	490.66	6.96
		922	14.62	195.57	0.22	4.73	191.05	29.35	317.25	-17.23	-15.90	315.91	21.08
		934	10.85	136.75	-2.32	0.43	133.99	19.37	358.22	110.40	134.19	334.43	-73.00
755	8	962	11.42	118.01	-3.35	13.30	101.36	-41.75	155.07	-287.04	17.86	-149.83	204.54
		942	12.41	172.17	-0.23	15.46	156.48	-49.59	89.17	-233.91	-15.50	-129.24	151.20
		937	13.46	167.15	-0.53	14.51	152.11	-47.91	73.94	-335.60	-63.14	-198.51	193.26
		969	12.43	117.45	-1.73	14.65	101.08	-41.03	106.30	-394.39	-58.48	-229.61	235.27
755	40	962	10.08	86.99	-4.98	13.28	68.73	-36.69	163.19	-281.75	11.02	-129.58	211.07
		942	10.77	138.73	-0.70	15.20	122.82	-44.32	98.47	-228.79	-22.26	-108.06	157.90
		937	11.88	133.84	-0.83	14.69	118.32	-43.00	84.38	-330.65	-69.23	-177.05	200.39
		969	11.12	86.66	-3.47	14.83	68.36	-36.25	115.78	-389.61	-64.67	-209.15	242.15
755	72	962	9.98	84.69	-5.17	13.28	66.24	-36.30	163.84	-281.38	10.51	-128.05	211.55
		942	10.65	136.20	-0.76	15.18	120.26	-43.91	99.23	-228.44	-22.76	-106.46	158.40
		937	11.77	131.33	-0.88	14.70	115.75	-42.63	85.21	-330.31	-69.68	-175.42	200.92
		969	11.03	84.39	-3.68	14.84	65.87	-35.89	116.53	-389.26	-65.13	-207.61	242.66
756	8	943	12.07	65.69	-18.05	-15.98	63.63	12.97	729.80	177.94	729.80	177.94	-1.00
		957	9.72	122.36	-11.33	-6.30	117.34	25.43	478.77	180.91	435.25	224.43	-105.21
		966	9.25	117.64	-7.35	-5.45	115.74	15.31	311.64	15.61	309.84	17.41	-23.01
		944	9.82	59.59	-12.36	-12.06	59.28	4.67	473.92	-33.90	468.49	-28.47	52.26
756	35	943	11.40	29.77	-20.32	-20.32	29.77	-0.34	730.21	181.94	729.63	182.53	17.90
		957	8.15	87.84	-10.82	-9.30	86.32	12.14	466.37	198.71	435.02	230.05	-86.07
		966	7.79	84.46	-8.77	-8.64	84.33	3.49	310.38	22.84	310.34	22.89	-3.69
		944	9.10	26.41	-17.29	-16.00	25.13	-7.39	478.91	-34.15	468.77	-24.01	71.40
756	67	943	11.36	28.36	-20.45	-20.44	28.34	-0.76	730.36	184.30	729.72	184.93	18.62
		957	8.08	86.31	-10.82	-9.38	84.88	11.72	466.28	201.40	435.11	232.56	-85.34
		966	7.71	82.99	-8.86	-8.75	82.89	3.08	310.45	25.34	310.42	25.37	-2.94
		944	9.06	25.19	-17.59	-16.11	23.71	-7.81	479.24	-32.02	468.84	-21.63	72.16
757	1	958	9.24	14.19	-92.60	12.66	-91.07	-12.69	176.04	-350.08	-95.20	-78.84	262.93

		941	8.41	4.70	-103.27	4.58	-103.14	-3.70	146.60	-338.16	-104.04	-87.52	242.24
		929	10.10	12.55	-120.88	10.77	-119.10	-15.29	175.33	-262.49	-103.85	16.70	210.45
		965	10.99	21.66	-102.50	17.93	-98.77	-21.19	253.72	-250.87	-82.64	85.49	237.88
757	33	958	8.57	17.89	-49.33	11.67	-43.11	-19.47	166.87	-332.55	-89.16	-76.52	249.63
		941	7.41	9.60	-45.99	6.68	-43.07	-12.42	138.55	-318.64	-97.47	-82.62	228.47
		929	7.95	13.43	-60.10	9.44	-56.11	-16.66	169.62	-245.01	-97.64	22.26	198.45
		965	9.30	21.52	-57.09	14.41	-49.98	-22.54	244.10	-236.77	-80.57	87.90	225.20
757	65	958	8.54	18.49	-46.36	11.60	-39.46	-19.99	166.19	-331.23	-88.70	-76.34	248.63
		941	7.39	10.34	-42.00	6.84	-38.50	-13.08	137.96	-317.17	-96.98	-82.23	227.44
		929	7.82	13.66	-55.64	9.33	-51.32	-16.77	169.21	-243.70	-97.18	22.69	197.56
		965	9.19	21.69	-53.82	14.15	-46.27	-22.64	243.40	-235.72	-80.41	88.08	224.26
758	4	952	11.21	63.12	-4.78	-1.23	59.57	-15.12	105.71	-472.86	36.14	-403.29	188.18
		960	12.99	112.94	0.41	1.86	111.48	-12.73	84.97	-462.76	23.36	-401.15	173.06
		963	12.58	105.11	1.56	2.01	104.66	-6.80	66.25	-482.98	-0.09	-416.63	178.98
		948	10.93	61.34	-2.48	-1.14	59.99	-9.17	80.60	-487.47	8.62	-415.49	188.97
758	36	952	10.26	39.85	-10.76	-0.59	29.69	-20.28	115.52	-464.11	35.76	-384.35	199.67
		960	11.53	78.83	-3.04	1.04	74.75	-17.83	94.94	-453.77	23.04	-381.87	185.16
		963	11.26	71.12	-2.10	1.24	67.78	-15.28	79.51	-473.73	2.85	-397.08	191.14
		948	10.11	38.05	-8.54	-0.45	29.95	-17.65	93.63	-478.35	11.56	-396.28	200.52
758	68	952	10.20	38.38	-11.52	-0.55	27.41	-20.67	116.28	-463.51	35.74	-382.97	200.53
		960	11.42	76.35	-3.42	0.98	71.95	-18.22	95.72	-453.16	23.02	-380.46	186.06
		963	11.17	68.73	-2.57	1.18	64.97	-15.92	80.52	-473.10	3.07	-395.64	192.04
		948	10.07	36.69	-9.42	-0.40	27.67	-18.29	94.62	-477.72	11.78	-394.88	201.38
759	8	945	9.50	58.07	-8.67	-7.82	57.22	-7.48	318.03	-201.27	272.63	-155.87	146.68
		961	10.12	117.08	-4.42	-4.29	116.95	-4.05	220.62	-147.34	202.62	-129.33	79.38
		962	11.17	112.65	-2.37	-2.06	112.34	-5.98	156.25	-292.46	119.63	-255.84	122.84
		946	9.98	59.85	-5.42	-4.29	58.73	-8.49	209.84	-332.20	155.06	-277.42	163.37
759	40	945	8.72	33.19	-12.58	-7.88	28.48	-13.90	324.43	-193.40	270.02	-138.99	158.78
		961	8.78	88.00	-5.73	-4.56	86.83	-10.41	225.03	-137.78	199.92	-112.67	92.08
		962	9.94	84.21	-4.12	-2.19	82.28	-12.89	163.87	-284.38	118.37	-238.88	135.37
		946	9.16	36.01	-10.10	-4.16	30.07	-15.45	218.05	-324.50	153.79	-260.24	175.30
759	72	945	8.68	31.54	-13.13	-7.88	26.29	-14.38	324.94	-192.82	269.83	-137.70	159.69
		961	8.69	85.85	-5.89	-4.58	84.54	-10.89	225.41	-137.09	199.72	-111.40	93.02
		962	9.86	82.13	-4.34	-2.20	79.99	-13.42	164.49	-283.79	118.29	-237.58	136.30
		946	9.11	34.49	-10.76	-4.15	27.88	-15.98	218.70	-323.93	153.70	-258.93	176.19
760	2	956	25.71	28.99	-43.24	-40.40	26.14	14.05	1831.07	949.00	1749.61	1030.46	-255.39
		968	15.27	26.76	-9.43	5.18	12.15	17.76	1140.61	504.88	685.88	959.62	-286.89
		964	10.61	40.02	-15.98	-9.67	33.71	17.71	788.12	446.03	584.79	649.36	-167.97
		967	14.88	-2.26	-21.15	-2.38	-21.03	-1.51	1135.81	535.24	1104.99	566.07	-132.53
760	52	956	25.38	86.34	-32.13	-19.92	74.13	36.02	1804.79	895.62	1706.80	993.61	-281.93
		968	14.47	79.70	-0.96	25.37	53.37	37.82	1057.51	461.67	659.21	859.98	-280.50
		964	11.26	90.59	-11.04	3.60	75.94	35.69	767.14	359.32	544.65	581.81	-203.06
		967	14.80	40.15	0.03	12.40	27.79	18.53	1121.47	485.63	1080.47	526.62	-156.16
760	84	956	25.37	84.64	-32.36	-20.56	72.85	35.22	1804.59	894.30	1707.06	991.84	-281.55
		968	14.44	78.25	-0.95	24.75	52.55	37.08	1056.87	461.58	659.33	859.12	-280.38
		964	11.21	89.32	-11.14	3.18	75.01	35.12	766.04	359.58	545.05	580.57	-202.45
		967	14.79	38.45	-0.18	11.87	26.39	17.90	1121.31	484.17	1080.65	524.83	-155.73
761	8	944	9.88	60.53	-12.54	-12.50	60.50	1.58	476.10	-35.74	461.29	-20.93	85.79
		966	9.23	119.36	-7.36	-6.80	118.81	8.38	312.58	23.39	312.56	23.42	-2.76
		961	10.07	114.44	-4.82	-4.74	114.36	3.09	218.87	-152.63	209.42	-143.18	58.49
		945	9.59	58.61	-9.12	-8.90	58.39	-3.85	316.81	-205.40	287.22	-175.81	120.74
761	35	944	9.17	27.17	-17.12	-14.80	24.85	-9.86	480.75	-37.08	458.88	-15.21	104.14
		966	7.71	84.18	-8.52	-8.42	84.09	-2.94	311.03	28.14	310.10	29.08	16.21
		961	8.72	80.35	-6.58	-5.89	79.66	-7.71	224.85	-153.78	208.34	-137.27	77.32
		945	8.85	28.48	-15.94	-10.24	22.78	-14.86	325.06	-208.88	286.03	-169.86	138.97
761	67	944	9.13	25.94	-17.41	-14.87	23.39	-10.20	481.04	-35.12	458.83	-12.91	104.74
		966	7.63	82.67	-8.59	-8.47	82.55	-3.28	311.07	30.39	310.05	31.40	16.82
		961	8.64	78.89	-6.70	-5.94	78.12	-8.07	225.19	-151.80	208.33	-134.94	77.93
		945	8.80	27.46	-16.41	-10.27	21.32	-15.22	325.52	-207.06	286.02	-167.56	139.57
762	4	969	12.96	124.01	-2.67	-0.82	122.15	-15.22	103.52	-406.00	47.66	-350.14	159.19
		937	14.09	173.44	-1.33	-0.93	173.03	-8.37	74.79	-351.68	27.02	-303.91	134.50
		930	14.49	165.42	-0.88	-0.48	165.03	-8.11	65.16	-412.99	10.74	-358.57	151.86
762	36	969	11.29	89.06	-4.07	-0.09	85.08	-18.84	113.99	-392.07	46.59	-324.67	171.95
		937	12.19	137.01	-1.25	-0.20	135.96	-11.99	85.53	-338.02	25.95	-278.44	147.26
		930	12.62	129.02	-0.82	0.25	127.95	-11.73	75.92	-399.35	9.67	-333.10	164.61
762	68	969	11.17	86.48	-4.26	-0.03	82.25	-19.12	114.82	-391.10	46.51	-322.78	172.90
		937	12.05	134.25	-1.26	-0.15	133.14	-12.27	86.40	-337.07	25.87	-276.55	148.21
		930	12.49	126.27	-0.84	0.30	125.13	-12.01	76.78	-398.40	9.59	-331.21	165.57
763	4	970	12.77	125.72	-3.16	-1.58	124.15	-14.17	72.50	-420.44	-6.99	-340.95	181.28
		933	13.82	153.54	-1.84	-1.63	153.33	-5.71	58.50	-421.02	-8.75	-353.78	166.51
		932	12.99	144.93	-1.74	-1.55	144.73	-5.36	64.28	-395.70	-8.40	-323.02	167.77
763	36	970	11.12	78.83	-4.93	-0.48	74.38	-18.78	82.51	-434.84	-5.67	-346.66	194.54
		933	11.91	104.58	-1.54	-0.53	103.57	-10.32	68.14	-435.05	-7.43	-359.49	179.76
		932	11.13	96.00	-1.48	-0.45	94.97	-9.97	74.24	-410.06	-7.08	-328.73	181.03
763	68	970	11.01	75.42	-5.22	-0.40	70.60	-19.13	83.27	-435.92	-5.57	-347.08	195.53
		933	11.77	100.90	-1.57	-0.45	99.78	-10.67	68.87	-436.11	-7.33	-359.91	180.75
		932	11.00	92.33	-1.51	-0.36	91.18	-10.32	74.99	-411.13	-6.99	-329.15	182.02

764	4	46	21.62	205.64	-32.47	-9.76	182.93	69.94	1228.43	428.06	1225.46	431.03	-48.70
		983	26.04	107.18	5.79	19.60	93.37	-34.78	1592.65	258.42	281.75	1569.32	174.87
		1004	13.77	97.62	6.83	32.87	71.57	41.06	835.01	217.14	247.96	804.19	-134.52
		984	26.59	195.58	56.44	64.62	187.40	-32.73	1251.32	77.27	84.09	1244.50	-89.21
764	36	46	22.58	166.85	-41.31	-18.93	144.48	64.47	1341.63	379.54	1341.63	379.54	-0.39
		983	24.51	96.89	-9.06	12.94	74.90	-42.97	1587.52	414.15	432.35	1569.32	145.00
		1004	11.99	75.90	-1.27	21.17	53.46	35.04	763.01	226.44	256.90	732.56	-124.15
		984	22.70	157.44	42.47	53.13	146.78	-33.34	1113.94	56.22	56.23	1113.93	-3.12
764	68	46	22.67	163.90	-41.99	-19.64	141.55	64.05	1350.59	375.50	1350.57	375.51	3.30
		983	24.40	96.18	-10.26	12.43	73.49	-43.59	1587.09	426.05	443.87	1569.27	142.74
		1004	11.85	74.25	-1.88	20.28	52.08	34.58	757.60	227.16	257.60	727.16	-123.37
		984	22.41	154.59	41.35	52.25	143.69	-33.39	1104.04	54.17	54.18	1104.03	3.46
765	4	983	21.31	147.20	-7.66	18.55	120.99	58.07	1213.04	490.16	501.93	1201.26	-91.50
		982	17.34	44.03	6.72	10.16	40.60	10.78	1116.08	192.17	192.26	1116.00	-8.99
		1005	14.78	84.27	6.57	18.00	72.83	27.53	849.37	108.65	135.77	822.24	-139.14
		1004	14.66	90.95	-0.86	5.31	84.78	22.98	841.19	328.92	345.99	824.13	-91.93
765	36	983	19.58	120.93	-7.81	12.47	100.65	46.90	1161.72	490.56	503.58	1148.69	-92.59
		982	15.58	21.38	5.82	5.89	21.31	1.00	1056.83	190.54	190.75	1056.63	-13.37
		1005	13.23	62.17	8.72	16.01	54.88	18.35	796.95	97.96	131.97	762.94	-150.38
		1004	13.10	67.71	1.42	4.00	65.13	12.82	793.85	322.29	343.97	772.17	-98.76
765	68	983	19.45	118.94	-7.83	12.00	99.11	46.05	1157.83	490.63	503.76	1144.71	-92.64
		982	15.45	19.85	5.56	5.56	19.85	0.26	1052.34	190.46	190.67	1052.12	-13.68
		1005	13.11	60.50	8.88	15.87	53.52	17.65	793.03	97.14	131.72	758.45	-151.22
		1004	12.98	65.97	1.57	3.90	63.64	12.04	790.30	321.78	343.85	768.23	-99.25
766	7	982	17.13	61.30	3.22	14.68	49.83	23.12	1082.76	195.61	199.47	1078.90	-58.34
		981	16.86	55.50	6.88	17.59	44.79	20.15	1025.28	58.08	58.31	1025.05	-14.92
		1006	14.46	64.43	0.70	13.73	51.39	25.71	843.50	40.20	47.73	835.98	-77.39
		1005	13.67	56.35	10.68	18.41	48.63	17.12	853.37	120.49	150.74	823.12	-145.78
766	39	982	15.94	46.81	5.14	10.45	41.50	13.90	1023.89	191.80	194.96	1020.73	-51.19
		981	15.08	33.51	8.02	10.67	30.86	7.79	942.47	48.99	49.31	942.15	-16.99
		1006	12.67	41.69	2.44	7.98	36.15	13.67	761.85	29.29	38.49	752.64	-81.59
		1005	12.59	42.12	9.24	12.26	39.10	9.50	794.82	115.67	145.82	764.67	-139.89
766	71	982	15.86	45.74	5.24	10.13	40.85	13.20	1019.43	191.50	194.62	1016.31	-50.70
		981	14.95	31.96	7.99	10.15	29.80	6.86	936.23	48.31	48.64	935.89	-17.17
		1006	12.54	40.01	2.54	7.55	35.00	12.76	755.71	28.45	37.80	746.36	-81.94
		1005	12.50	41.08	9.08	11.79	38.36	8.92	790.41	115.27	145.44	760.23	-139.50
767	23	981	15.47	43.12	2.82	12.72	33.22	17.34	972.88	55.01	59.88	968.02	-66.68
		971	17.57	49.33	3.19	3.22	49.30	1.13	1021.81	20.16	20.16	1021.81	-0.12
		1003	12.90	47.87	-9.20	11.64	27.03	27.47	753.61	-16.81	-14.97	751.78	37.52
		1006	14.11	45.68	-0.58	7.73	37.37	17.76	847.72	-4.64	14.67	828.41	-126.82
767	51	981	14.66	35.97	5.76	9.68	32.05	10.15	916.33	57.56	60.76	913.13	-52.28
		971	15.36	22.04	1.34	1.34	22.03	-0.15	962.67	19.89	20.11	962.46	14.18
		1003	11.14	20.84	-5.23	4.96	10.65	12.72	695.34	-15.85	-12.24	691.73	50.55
		1006	13.24	38.02	0.90	4.33	34.59	10.75	789.63	1.63	18.38	772.89	-113.64
767	83	981	14.55	34.67	5.93	9.25	31.35	9.19	910.60	57.50	60.65	907.46	-51.72
		971	15.20	20.61	1.24	1.25	20.61	-0.14	956.42	19.65	19.88	956.19	14.66
		1003	11.01	19.32	-4.80	4.50	10.02	11.74	689.09	-16.08	-12.40	685.40	50.85
		1006	13.11	36.55	0.97	4.09	33.44	10.06	783.91	1.59	18.34	767.16	-113.24
768	4	984	15.90	129.99	32.33	45.80	116.52	33.68	823.15	263.85	272.10	814.89	-67.43
		1004	16.26	119.66	41.30	47.80	113.16	21.61	884.11	245.29	279.40	850.01	-143.62
		1007	12.56	122.62	-1.08	0.35	121.19	13.21	570.69	190.77	247.54	513.92	-135.45
		589	11.07	126.44	-0.55	1.34	124.56	15.35	420.37	138.74	167.91	391.20	-85.82
768	36	984	14.13	94.95	22.10	30.02	87.03	22.68	782.06	288.37	289.99	780.44	-28.25
		1004	14.62	91.72	25.26	27.70	89.27	12.51	828.17	256.85	287.26	797.77	-128.24
		1007	10.34	91.96	3.83	5.06	90.73	10.37	508.53	161.96	216.80	453.69	-126.49
		589	8.88	92.96	3.38	4.20	92.14	8.53	358.11	126.67	140.06	344.72	-54.03
768	68	984	14.00	92.29	21.30	28.82	84.78	21.84	779.13	290.06	291.37	777.82	-25.28
		1004	14.50	89.66	23.97	26.17	87.46	11.82	823.95	257.76	287.89	793.82	-127.09
		1007	10.17	89.64	4.19	5.42	88.41	10.15	503.82	159.71	214.40	449.13	-125.82
		589	8.71	90.42	3.67	4.42	89.67	8.00	353.55	125.55	137.89	341.21	-51.59
769	4	1004	15.23	117.99	9.18	22.14	105.04	35.24	841.07	308.13	342.30	806.91	-130.54
		1005	14.01	76.11	1.71	11.36	66.47	24.99	813.67	143.42	162.12	794.97	-110.38
		1008	10.88	82.27	4.89	17.66	69.50	28.73	586.75	87.08	110.63	563.20	-105.89
		1007	11.70	110.67	2.84	7.40	106.10	21.71	537.13	128.84	165.97	500.01	-117.38
769	40	1004	13.67	87.50	8.60	15.33	80.77	22.04	795.05	284.84	315.40	764.50	-121.07
		1005	12.51	51.76	4.41	9.16	47.00	14.23	776.05	148.20	175.55	748.71	-128.15
		1008	8.97	53.70	5.22	11.70	47.22	16.50	522.96	85.65	113.39	495.23	-106.58
		1007	9.44	79.07	6.02	9.20	75.89	14.92	481.54	132.64	170.52	443.66	-108.54
769	72	1004	13.56	85.24	8.54	14.82	78.96	21.03	791.57	283.45	313.75	761.28	-120.31
		1005	12.40	49.95	4.59	8.99	45.55	13.42	771.93	146.21	173.59	744.55	-127.99
		1008	8.86	52.36	5.24	11.39	46.21	15.87	518.32	85.21	113.29	490.23	-106.65
		1007	9.28	76.71	6.27	9.34	73.63	14.39	477.50	132.63	170.57	439.56	-107.90
770	8	1005	14.42	77.24	6.63	17.79	66.08	25.76	852.90	134.91	159.27	828.53	-130.00
		1006	13.65	49.44	-1.83	6.21	41.41	18.64	814.29	46.31	53.91	806.68	-76.03
		1009	10.03	53.03	-0.14	10.85	42.05	21.53	564.35	12.76	21.58	555.53	-69.17
		1008	11.19	71.04	0.74	4.02	67.76	14.84	585.65	79.99	100.53	565.11	-99.80
770	40	1005	12.80	54.60	7.58	13.04	49.14	15.07	784.37	125.23	149.88	759.72	-125.06

		1006	12.18	33.50	0.95	4.20	30.26	9.75	742.52	35.51	43.21	734.82	-73.38
		1009	8.68	36.99	0.90	6.89	31.00	13.43	506.80	17.10	26.75	497.15	-68.06
		1008	9.33	52.70	2.54	5.33	49.91	11.49	522.24	78.94	103.89	497.29	-102.17
770	72	1005	12.68	52.91	7.63	12.68	47.86	14.25	779.24	124.48	149.18	754.54	-124.75
		1006	12.07	32.31	1.12	4.04	29.40	9.08	737.14	34.69	42.41	729.41	-73.25
		1009	8.58	35.77	0.96	6.58	30.15	12.81	502.47	17.37	27.11	492.72	-68.05
		1008	9.19	51.29	2.67	5.42	48.54	11.22	517.54	78.75	104.11	492.18	-102.40
771	24	1006	12.86	8.24	-10.76	8.06	-10.57	-1.86	813.34	0.64	21.16	792.81	-127.51
		1003	13.40	-2.66	-46.44	-2.72	-46.37	-1.72	739.75	-6.71	-6.71	739.75	-0.33
		972	10.50	6.35	-42.44	4.46	-40.56	-9.40	515.21	-68.76	-68.28	514.72	16.83
		1009	9.20	7.56	-13.39	-4.65	-1.18	-10.33	562.08	-54.48	-42.32	549.92	-85.73
771	39	1006	12.33	41.48	1.73	7.09	36.12	13.57	735.10	26.06	33.60	727.56	-72.75
		1003	11.21	27.44	-1.18	5.43	20.83	12.06	675.05	0.40	4.95	670.49	55.26
		972	8.22	30.58	-1.93	5.06	23.59	13.36	462.42	0.54	4.51	458.45	42.68
		1009	9.26	44.35	0.95	4.10	41.20	11.25	511.99	29.67	39.36	502.30	-67.68
771	71	1006	12.23	39.75	1.84	6.71	34.88	12.69	731.36	25.06	32.92	723.49	-74.10
		1003	11.07	25.39	-1.06	4.96	19.37	11.09	670.67	-0.15	4.21	666.31	53.88
		972	8.07	28.51	-1.74	4.64	22.13	12.34	457.96	0.04	3.78	454.22	41.22
		1009	9.12	42.52	0.93	3.97	39.48	10.83	508.14	27.95	38.03	498.06	-68.82
772	4	589	12.60	169.89	14.27	20.29	163.87	30.02	373.60	202.09	202.68	373.00	10.08
		1007	10.75	89.99	1.09	1.53	89.55	6.22	539.74	187.69	243.93	483.49	-128.98
		1010	8.10	106.86	-1.58	6.44	98.84	28.37	305.23	111.14	143.94	272.42	-72.74
		985	8.75	132.32	-9.26	-9.13	132.18	-4.36	182.58	120.43	121.67	181.34	-8.68
772	36	589	10.91	141.46	17.88	23.99	135.34	26.80	346.72	166.48	166.86	346.34	8.25
		1007	8.93	61.93	5.40	5.51	61.82	2.46	488.58	161.98	215.16	435.39	-120.59
		1010	6.12	79.01	0.99	9.21	70.79	23.96	259.44	93.14	125.99	226.59	-66.22
		985	7.21	102.93	-9.96	-9.67	102.64	-5.76	153.58	66.81	66.84	153.54	-1.85
772	68	589	10.78	139.31	18.14	24.27	133.18	26.55	344.68	163.77	164.13	344.32	8.11
		1007	8.79	59.81	5.72	5.81	59.72	2.17	484.71	159.97	212.93	431.76	-119.97
		1010	5.97	76.92	1.15	9.41	68.66	23.62	256.02	91.70	124.59	223.13	-65.75
		985	7.10	100.71	-10.02	-9.71	100.39	-5.88	151.48	62.75	62.77	151.45	-1.38
773	20	1007	10.26	86.77	11.08	15.96	81.89	18.58	487.10	47.90	72.98	462.03	-101.91
		1008	10.65	66.69	6.50	10.26	62.93	14.57	535.56	-8.92	11.35	515.29	-103.07
		1011	8.25	71.97	1.26	5.19	68.04	16.19	333.77	-32.34	-20.10	321.54	-65.81
		1010	7.65	81.83	2.74	5.28	79.30	13.94	268.92	-8.24	4.61	256.08	-58.27
773	52	1007	8.84	70.71	10.10	13.86	66.95	14.62	456.98	97.43	127.41	427.00	-99.40
		1008	8.96	49.67	5.26	8.30	46.63	11.21	496.77	40.75	65.75	471.77	-103.81
		1011	6.36	54.10	1.43	5.19	50.33	13.57	294.42	13.19	30.97	276.64	-68.44
		1010	5.97	64.86	2.01	4.55	62.31	12.38	238.13	37.37	55.55	219.95	-57.62
773	84	1007	8.75	69.52	10.03	13.70	65.85	14.32	454.84	100.97	131.40	424.41	-99.22
		1008	8.84	48.41	5.17	8.15	45.43	10.96	493.97	44.31	69.74	468.54	-103.87
		1011	6.23	52.78	1.44	5.19	49.03	13.37	291.65	16.37	34.70	273.31	-68.64
		1010	5.85	63.60	1.95	4.49	61.06	12.26	236.03	40.52	59.28	217.27	-57.58
774	7	1008	9.39	73.91	2.14	17.65	58.40	29.54	519.81	99.91	118.88	500.84	-87.22
		1009	10.02	69.98	-0.06	13.12	56.80	27.37	519.93	40.77	45.93	514.77	-49.46
		1012	7.41	74.05	-3.06	16.06	54.93	33.30	336.97	34.73	38.95	332.75	-35.45
		1011	7.89	85.17	-2.77	4.52	77.88	24.24	320.54	73.50	86.19	307.85	-54.53
774	39	1008	8.42	54.25	3.87	12.14	45.98	18.66	489.78	88.21	112.10	465.90	-94.99
		1009	8.60	44.65	0.81	7.69	37.77	15.95	484.41	30.90	38.55	476.77	-58.39
		1012	5.91	48.12	-1.17	9.00	37.95	19.95	300.16	23.65	31.07	292.73	-44.71
		1011	6.23	60.17	-0.94	4.40	54.83	17.26	289.49	59.73	78.27	270.95	-62.57
774	71	1008	8.36	52.77	3.97	11.72	45.02	17.83	487.55	87.26	111.58	463.23	-95.61
		1009	8.50	42.75	0.86	7.28	36.33	15.08	481.74	30.11	37.98	473.86	-59.11
		1012	5.81	46.18	-1.05	8.47	36.66	18.94	297.41	22.73	30.47	289.67	-45.45
		1011	6.11	58.27	-0.81	4.39	53.08	16.73	287.21	58.58	77.66	268.14	-63.22
775	24	1009	9.39	7.73	-11.38	7.63	-11.28	1.39	573.00	-6.77	18.42	547.81	-118.20
		972	9.73	-2.23	-41.74	-2.27	-41.70	-1.23	509.11	-8.87	-8.35	508.58	-16.52
		1002	6.87	5.82	-35.29	4.28	-33.75	-7.82	338.05	-6.24	-4.20	336.01	-26.43
		1012	6.37	5.61	-11.07	-5.57	0.11	-7.84	388.20	-12.34	15.37	360.49	-101.64
775	35	1009	8.71	45.05	-0.10	7.62	37.33	16.99	491.54	19.24	29.39	481.38	-68.52
		972	7.93	31.10	-0.34	5.90	24.86	12.54	443.00	-0.06	2.29	440.66	32.14
		1002	6.03	38.49	-3.42	-1.99	37.06	7.61	269.79	1.12	2.86	268.05	21.56
		1012	6.36	48.35	-0.43	3.95	43.97	13.94	303.87	12.90	22.74	294.03	-52.60
775	67	1009	8.62	43.17	0.01	7.21	35.97	16.09	489.15	18.46	28.91	478.70	-69.35
		972	7.80	28.99	-0.28	5.41	23.31	11.58	440.06	-0.46	1.77	437.83	31.26
		1002	5.87	36.25	-3.13	-1.79	34.91	7.14	266.78	0.77	2.38	265.17	20.63
		1012	6.24	46.42	-0.44	3.82	42.16	13.47	301.54	12.05	22.29	291.30	-53.47
776	4	985	7.33	106.43	-9.61	-9.61	106.43	-0.02	174.39	118.08	120.88	171.58	-12.25
		1010	7.67	105.36	-8.64	-2.91	99.63	24.90	310.79	158.20	218.54	250.45	-74.61
		1013	6.61	106.93	-8.98	-7.67	105.62	12.26	187.49	120.20	166.14	141.56	-31.32
		604	4.39	73.58	-3.47	-1.51	71.62	12.12	109.15	82.50	105.77	85.89	-8.88
776	36	985	6.07	81.97	-7.99	-7.79	81.77	-4.24	150.06	66.66	66.78	149.94	-3.13
		1010	6.13	79.63	-5.42	0.18	74.03	21.09	263.13	116.42	161.21	218.33	-67.57
		1013	5.10	81.16	-5.04	-4.13	80.25	8.81	137.16	80.51	107.77	109.90	-28.31
		604	3.06	48.67	0.40	1.75	47.32	7.96	65.93	49.44	50.44	64.92	-3.95
776	68	985	5.98	80.13	-7.90	-7.66	79.89	-4.57	148.39	62.69	62.76	148.32	-2.49
		1010	6.02	77.68	-5.19	0.40	72.09	20.80	259.70	113.16	156.96	215.90	-67.08

		1013	4.99	79.20	-4.75	-3.87	78.33	8.54	133.66	77.26	103.41	107.50	-28.12
		604	2.96	46.78	0.70	2.00	45.48	7.63	64.09	45.58	46.32	63.35	-3.62
777	20	1010	7.40	80.99	0.63	2.97	78.65	13.52	344.07	76.34	147.11	273.30	-118.06
		1011	7.73	68.60	4.08	8.80	63.88	16.80	321.09	-32.45	-18.47	307.11	-68.90
		1014	6.10	72.67	-1.29	2.50	68.88	16.29	266.27	29.26	87.58	207.95	-102.09
		1013	5.26	72.75	1.60	3.29	71.07	10.81	205.27	53.07	106.77	151.57	-72.73
777	52	1010	5.99	65.71	1.18	3.53	63.37	12.07	276.17	75.49	121.89	229.77	-84.61
		1011	6.11	51.83	2.41	6.53	47.72	13.65	289.07	12.98	31.70	270.35	-69.41
		1014	4.50	54.51	-0.99	2.63	50.89	13.69	194.36	24.02	62.21	156.17	-71.04
		1013	4.03	57.25	0.78	2.57	55.46	9.90	146.90	44.15	76.34	114.71	-47.66
777	84	1010	5.88	64.58	1.22	3.57	62.24	11.96	271.20	75.39	120.04	226.55	-82.15
		1011	6.00	50.59	2.29	6.35	46.53	13.41	286.81	16.18	35.37	267.62	-69.46
		1014	4.38	53.17	-0.97	2.64	49.57	13.49	189.07	23.61	60.34	152.33	-68.77
		1013	3.94	56.11	0.71	2.52	54.31	9.83	142.63	43.45	74.10	111.99	-45.83
778	3	1011	7.43	76.31	-2.87	2.96	70.49	20.68	313.15	65.21	79.76	298.60	-58.28
		1012	7.50	74.50	-0.93	13.98	59.58	30.04	330.49	29.69	34.65	325.53	-38.31
		1015	6.46	78.51	-4.40	2.55	71.56	22.97	202.11	16.33	20.72	197.72	-28.22
		1014	5.87	74.94	-4.58	0.79	69.58	19.94	185.39	37.28	45.57	177.09	-34.06
778	35	1011	6.06	56.40	-0.88	3.73	51.80	15.58	286.37	55.67	74.97	267.06	-63.88
		1012	5.99	48.45	-0.36	7.97	40.12	18.36	297.15	21.02	28.88	289.29	-45.92
		1015	4.60	52.03	-2.50	2.32	47.21	15.48	167.01	7.04	15.33	158.71	-35.48
		1014	4.39	55.30	-2.71	1.74	50.86	15.43	156.15	27.75	41.19	142.72	-39.30
778	67	1011	5.95	54.87	-0.73	3.78	50.36	15.18	284.39	54.88	74.61	264.65	-64.34
		1012	5.88	46.48	-0.32	7.51	38.65	17.47	294.66	20.31	28.45	286.52	-46.53
		1015	4.46	50.03	-2.37	2.30	45.36	14.92	164.42	6.23	14.93	155.72	-36.06
		1014	4.27	53.79	-2.57	1.80	49.41	15.08	154.03	26.92	40.86	140.08	-39.72
779	3	1012	8.30	76.43	-4.59	-0.37	72.21	18.00	331.24	20.93	27.55	324.62	-44.85
		1002	7.37	65.80	-0.65	13.44	51.71	27.16	303.06	6.47	8.43	301.10	24.05
		973	6.55	76.43	-4.99	-2.47	73.92	14.10	177.19	5.49	7.08	175.60	16.44
		1015	6.31	77.92	-1.22	5.10	71.60	21.45	197.66	8.59	14.61	191.63	-33.21
779	35	1012	6.50	49.57	-2.30	1.12	46.16	12.87	301.63	12.11	22.17	291.57	-53.03
		1002	5.58	37.03	0.22	6.55	30.70	13.89	266.79	1.74	2.62	265.91	15.28
		973	4.41	45.82	-2.34	-0.90	44.38	8.21	139.81	1.86	2.24	139.42	7.30
		1015	4.57	51.63	-1.15	3.44	47.04	14.87	168.59	-0.85	10.16	157.59	-41.76
779	67	1012	6.37	47.55	-2.13	1.23	44.19	12.48	299.42	11.37	21.75	289.04	-53.68
		1002	5.45	34.88	0.27	6.03	29.12	12.89	264.02	1.36	2.17	263.21	14.58
		973	4.25	43.51	-2.14	-0.78	42.15	7.76	136.97	1.55	1.87	136.65	6.57
		1015	4.44	49.64	-1.14	3.32	45.18	14.38	166.47	-1.68	9.81	154.98	-42.43
780	4	604	6.49	115.91	1.66	4.46	113.11	17.67	119.52	80.70	114.18	86.05	13.38
		1013	5.27	81.77	-7.38	-6.73	81.12	7.59	177.42	114.38	162.67	129.14	-26.69
		1016	4.98	89.87	-4.38	0.80	84.69	21.48	109.20	69.67	106.99	71.87	-9.08
		986	5.22	96.95	-3.06	-3.05	96.94	1.09	105.52	57.01	102.19	60.35	12.27
780	36	604	5.26	92.42	5.25	8.14	89.53	15.61	76.12	52.95	58.99	70.08	10.18
		1013	3.92	57.26	-3.03	-2.63	56.86	4.89	131.90	78.73	105.23	105.40	-26.58
		1016	3.58	65.15	-1.63	3.46	60.06	17.72	68.39	41.47	58.76	51.10	-12.90
		986	4.04	72.53	-3.35	-3.35	72.53	0.32	58.49	44.70	55.96	47.23	5.34
780	68	604	5.17	90.65	5.52	8.42	87.74	15.45	74.00	49.77	54.87	68.89	9.88
		1013	3.81	55.39	-2.70	-2.32	55.01	4.68	128.94	75.62	100.94	103.62	-26.63
		1016	3.47	63.28	-1.44	3.66	58.18	17.43	65.89	38.81	55.17	49.53	-13.25
		986	3.96	70.68	-3.37	-3.37	70.68	0.25	55.08	43.69	52.51	46.25	4.76
781	4	1013	5.75	93.63	-3.58	-0.17	90.22	17.89	141.15	109.92	128.61	122.46	-15.31
		1014	5.93	85.05	-5.58	-1.41	80.87	18.99	182.45	107.17	122.48	167.14	-30.30
		1017	4.62	75.73	-5.95	-2.73	72.51	15.90	104.48	79.23	92.69	91.03	-12.60
		1016	4.94	87.68	-4.71	-1.11	84.08	17.88	98.21	68.21	98.18	68.24	0.93
781	36	1013	4.39	69.24	-1.13	1.67	66.43	13.77	117.44	72.90	87.08	103.25	-20.75
		1014	4.40	59.61	-3.00	0.68	55.93	14.73	156.08	60.76	78.60	138.24	-37.17
		1017	3.31	55.76	-3.34	-0.09	52.50	13.49	79.55	31.43	48.34	62.64	-22.97
		1016	3.55	63.27	-2.77	0.18	60.31	13.66	61.59	44.24	56.08	49.74	-8.07
781	68	1013	4.29	67.39	-0.95	1.81	64.63	13.45	115.90	69.90	84.00	101.81	-21.21
		1014	4.29	57.69	-2.82	0.83	54.04	14.40	154.13	57.26	75.34	136.05	-37.74
		1017	3.22	54.23	-3.16	0.10	50.97	13.29	77.79	27.73	45.03	60.49	-23.81
		1016	3.45	61.41	-2.63	0.28	58.50	13.33	59.74	41.55	52.94	48.35	-8.80
782	3	1014	5.90	75.34	-4.61	0.69	70.04	19.90	187.54	28.45	39.31	176.68	-40.13
		1015	6.71	80.31	-5.03	-1.07	76.35	17.93	202.20	9.39	15.46	196.12	-33.68
		1018	4.91	81.66	-4.42	2.05	75.19	22.70	74.18	40.46	53.68	60.97	16.46
		1017	4.41	74.18	-5.04	-0.11	69.25	19.13	78.12	39.05	64.57	52.61	18.60
782	35	1014	4.43	55.76	-2.58	1.81	51.37	15.39	158.18	23.26	38.04	143.41	-42.13
		1015	4.74	52.72	-2.66	0.62	49.45	13.06	167.78	3.27	12.64	158.41	-38.13
		1018	3.22	54.88	-2.55	1.93	50.40	15.40	54.16	17.09	22.49	48.76	-13.07
		1017	3.15	54.71	-3.21	0.96	50.54	14.98	50.31	29.43	34.50	45.23	-8.95
782	67	1014	4.32	54.25	-2.43	1.89	49.93	15.04	156.02	22.80	37.96	140.86	-42.31
		1015	4.60	50.64	-2.49	0.74	47.41	12.69	165.22	2.74	12.44	155.52	-38.49
		1018	3.09	52.85	-2.41	1.92	48.52	14.85	54.59	13.35	20.16	47.78	-15.31
		1017	3.06	53.21	-3.08	1.04	49.10	14.66	51.10	25.78	32.25	44.63	-11.04
783	3	1015	6.58	79.64	-5.34	-1.15	75.45	18.41	197.77	5.55	13.28	190.03	-37.77
		973	6.62	78.10	-6.48	-4.45	76.07	12.94	174.80	5.93	6.25	174.48	7.33
		1001	5.62	84.03	-5.31	-2.71	81.43	15.03	90.46	3.62	3.62	90.46	0.18

		1018	5.30	81.14	-1.32	4.72	75.10	21.49	115.76	-14.13	-2.69	104.32	-36.81
783	35	1015	4.73	52.46	-2.92	0.55	48.99	13.42	168.85	-2.22	9.39	157.25	-43.02
		973	4.45	46.77	-3.01	-1.81	45.57	7.63	139.28	1.88	1.88	139.27	1.02
		1001	3.44	52.66	-2.48	-0.95	51.13	9.06	54.63	-0.28	0.42	53.93	-6.17
		1018	3.53	54.50	-1.19	3.15	50.17	14.92	88.98	-24.16	-5.38	70.20	-42.10
783	67	1015	4.59	50.41	-2.74	0.68	46.99	13.04	166.71	-2.89	9.08	154.74	-43.44
		973	4.29	44.40	-2.75	-1.61	43.27	7.22	136.58	1.54	1.55	136.57	0.52
		1001	3.28	50.29	-2.27	-0.81	48.84	8.61	51.99	-0.68	0.18	51.13	-6.67
		1018	3.40	52.48	-1.18	3.03	48.28	14.43	87.09	-25.09	-5.58	67.58	-42.52
784	4	986	4.71	83.73	-5.52	-5.12	83.33	5.92	83.46	25.25	63.18	45.53	27.73
		1016	5.16	88.69	-9.40	-5.41	84.70	19.37	78.52	51.49	71.31	58.70	11.95
		1019	4.99	90.68	-7.89	-6.04	88.83	13.39	88.24	41.48	87.88	41.84	-4.11
		613	3.87	64.56	-5.65	-2.69	61.60	14.10	110.50	36.29	109.55	37.23	8.32
784	36	986	3.56	62.47	-3.58	-3.49	62.38	2.44	50.30	24.24	36.29	38.25	13.00
		1016	3.74	65.11	-5.95	-2.07	61.22	16.15	49.00	40.78	43.67	46.11	-3.93
		1019	3.55	67.21	-4.28	-2.72	65.66	10.44	47.98	17.58	39.70	25.87	-13.54
		613	2.44	43.70	-1.93	0.46	41.31	10.15	63.02	26.74	63.01	26.74	-0.37
784	68	986	3.48	60.86	-3.45	-3.38	60.78	2.17	47.96	24.01	34.26	37.71	11.85
		1016	3.63	63.32	-5.70	-1.82	59.44	15.91	48.84	37.91	41.59	45.16	-5.16
		1019	3.45	65.43	-4.01	-2.47	63.89	10.21	45.79	14.98	36.10	24.67	-14.31
		613	2.33	42.11	-1.65	0.70	39.77	9.85	59.57	25.93	59.54	25.97	-1.08
785	7	1016	4.50	79.51	-5.24	-1.66	75.93	17.05	96.57	21.78	81.80	36.54	29.77
		1017	4.72	81.83	-4.39	1.23	76.21	21.29	82.71	43.14	73.87	51.99	16.49
		1020	4.39	83.38	-5.25	0.47	77.66	21.78	56.16	3.13	49.59	9.70	17.47
		1019	4.04	74.40	-5.60	-1.83	70.63	16.95	75.30	-2.97	61.80	10.53	29.57
785	36	1016	3.57	64.01	-2.97	-0.32	61.36	13.06	59.74	44.34	56.80	47.29	-6.06
		1017	3.33	54.78	-5.04	-2.06	51.80	13.01	62.95	25.60	32.79	55.76	-14.73
		1020	3.07	55.39	-3.39	-0.47	52.47	12.78	40.99	-2.30	22.35	16.34	-21.43
		1019	3.07	59.02	-2.51	0.36	56.14	12.98	38.21	18.05	35.12	21.15	-7.27
785	68	1016	3.47	62.24	-2.79	-0.17	59.62	12.80	57.84	41.99	53.63	46.20	-7.00
		1017	3.23	53.26	-4.72	-1.72	50.26	12.84	62.63	22.49	30.81	54.31	-16.27
		1020	3.00	53.89	-3.20	-0.27	50.96	12.61	39.67	-5.84	19.11	14.71	-22.65
		1019	2.98	57.25	-2.37	0.46	54.41	12.69	36.37	15.74	31.99	20.13	-8.44
786	3	1017	4.35	74.05	-5.61	-0.84	69.28	18.91	78.52	36.68	67.23	47.97	18.57
		1018	4.90	82.97	-5.59	-2.03	79.41	17.40	72.14	39.62	55.19	56.58	16.24
		1021	4.63	85.70	-6.29	-2.12	81.53	19.13	45.96	-0.07	42.04	3.85	12.85
		1020	4.40	84.12	-4.39	1.68	78.05	22.38	52.76	-1.15	45.21	6.40	18.71
786	51	1017	1.91	35.44	-2.60	1.79	31.05	12.16	25.60	6.25	12.22	19.64	-8.93
		1018	2.68	50.07	-0.66	1.52	47.88	10.31	24.81	-8.67	-1.25	17.40	-13.90
		1021	3.34	52.77	-3.56	-0.52	49.74	12.73	-2.65	-48.66	-16.22	-35.08	-20.98
		1020	3.01	51.32	-2.14	4.24	44.93	17.33	-3.20	-30.02	-11.73	-21.49	-12.49
786	83	1017	1.92	35.61	-2.50	1.81	31.30	12.07	28.59	4.56	11.85	21.30	-11.05
		1018	2.61	48.42	-0.66	1.55	46.21	10.18	27.93	-10.38	-1.59	19.15	-16.11
		1021	3.26	51.12	-3.32	-0.33	48.14	12.40	-0.40	-49.58	-16.59	-33.39	-23.12
		1020	2.96	50.08	-2.08	4.04	43.96	16.79	-0.97	-31.07	-12.13	-19.90	-14.54
787	19	1018	3.71	72.10	-1.11	1.42	69.57	13.37	12.77	1.67	11.76	2.68	-3.19
		1001	4.30	79.05	-0.66	0.29	78.09	8.68	31.21	-32.33	16.75	-17.86	26.64
		974	5.29	84.17	0.63	2.48	82.33	12.28	17.35	-77.16	13.50	-73.31	18.66
		1021	4.64	74.85	-3.46	0.57	70.82	17.30	-1.64	-54.66	-4.90	-51.39	-12.74
787	51	1018	2.68	49.92	-0.88	1.64	47.40	11.03	39.99	-15.88	1.31	22.80	-25.79
		1001	2.54	50.09	-0.24	0.49	49.37	5.99	9.32	0.60	6.60	3.33	4.04
		974	3.57	55.25	0.33	1.54	54.03	8.08	4.62	-52.50	4.41	-52.28	-3.53
		1021	3.47	52.56	-2.03	1.19	49.34	12.85	13.81	-59.01	-14.03	-31.17	-35.39
787	83	1018	2.62	48.28	-0.87	1.66	45.76	10.86	42.30	-17.52	0.52	24.25	-27.46
		1001	2.45	47.95	-0.20	0.50	47.24	5.79	7.76	2.93	5.84	4.86	2.37
		974	3.45	53.11	0.31	1.47	51.94	7.77	4.21	-51.25	3.72	-50.76	-5.17
		1021	3.39	50.91	-1.92	1.23	47.75	12.52	15.61	-60.03	-14.71	-29.71	-37.07
788	3	613	4.62	79.27	-2.38	0.35	76.55	14.68	123.85	20.68	118.23	26.30	23.40
		1019	4.16	68.02	-7.40	-5.65	66.27	11.35	92.88	23.00	92.59	23.29	4.46
		1022	4.62	81.40	-5.28	0.96	75.16	22.41	64.99	11.06	64.29	11.75	-6.08
		987	4.23	68.55	-2.22	-1.11	67.43	8.82	121.56	21.53	118.09	25.01	18.31
788	35	613	3.34	64.33	1.28	4.13	61.48	13.11	70.66	22.38	69.20	23.84	8.27
		1019	2.78	49.69	-3.48	-2.11	48.32	8.42	44.89	13.87	41.39	17.37	-9.81
		1022	3.37	58.97	-2.48	2.76	53.73	17.16	36.23	-11.22	17.76	7.24	-23.14
		987	3.02	52.68	-1.60	-0.75	51.83	6.76	73.10	23.83	73.08	23.86	1.12
788	67	613	3.25	63.18	1.55	4.42	60.31	12.99	66.70	22.50	65.54	23.66	7.07
		1019	2.68	48.28	-3.19	-1.85	46.94	8.20	42.29	12.20	37.57	16.92	-10.94
		1022	3.29	57.27	-2.28	2.89	52.10	16.77	35.35	-14.16	14.29	6.90	-24.47
		987	2.93	51.46	-1.55	-0.72	50.62	6.60	69.72	23.77	69.72	23.77	-0.23
789	3	1019	4.09	74.96	-4.97	-1.41	71.39	16.50	77.89	-5.82	63.16	8.91	31.88
		1020	4.35	80.83	-6.79	-1.32	75.36	21.20	58.40	-1.72	50.38	6.31	20.44
		1023	4.84	82.49	-4.96	0.69	76.84	21.50	56.81	-11.03	56.81	-11.03	0.18
		1022	4.20	71.99	-4.46	-0.70	68.23	16.53	73.33	-2.98	70.24	0.11	15.05
789	51	1019	2.04	39.42	-1.27	2.21	35.93	11.39	-2.83	-6.18	-3.32	-5.69	1.18
		1020	2.84	48.70	-3.11	3.72	41.87	17.53	-6.67	-29.87	-17.75	-18.79	-11.59
		1023	3.65	50.31	-1.83	4.70	43.79	17.25	30.35	-60.64	2.19	-32.48	-42.06
		1022	2.51	36.30	-1.55	1.84	32.92	10.81	36.07	-26.73	18.08	-8.73	-28.40

789	83	1019	2.05	39.49	-1.20	2.21	36.08	11.28	-2.82	-4.69	-3.17	-4.34	-0.74
		1020	2.80	47.67	-2.94	3.56	41.17	16.93	-3.82	-31.16	-17.58	-17.39	-13.67
		1023	3.58	49.23	-1.74	4.50	43.00	16.70	28.85	-61.73	-1.11	-31.77	-42.62
		1022	2.50	36.39	-1.48	1.86	33.05	10.75	34.68	-27.64	15.03	-7.99	-28.95
790	3	1020	4.62	84.52	-7.24	-3.29	80.57	18.61	56.03	-7.90	46.71	1.42	22.56
		1021	4.69	85.40	-6.00	-2.86	82.27	16.63	48.46	-2.02	44.93	1.50	12.86
		1024	5.22	88.07	-6.41	-2.61	84.28	18.55	31.14	-32.16	30.68	-31.69	5.42
		1023	4.65	83.65	-3.93	1.74	77.98	21.55	31.98	-23.62	28.84	-20.48	12.83
790	35	1020	3.28	59.55	-4.02	-0.50	56.03	14.54	17.66	-4.29	13.45	-0.09	-8.64
		1021	3.34	57.89	-3.08	-0.41	55.23	12.46	22.09	-18.26	10.35	-6.52	-18.32
		1024	3.93	60.54	-3.23	-0.27	57.57	13.42	12.70	-54.91	-3.87	-38.34	-29.08
		1023	3.54	59.26	-2.47	1.92	54.87	15.87	7.62	-35.40	-5.73	-22.06	-19.90
790	67	1020	3.19	57.66	-3.78	-0.29	54.17	14.23	17.70	-7.00	10.93	-0.23	-11.02
		1021	3.25	55.81	-2.86	-0.23	53.18	12.14	22.29	-21.71	7.74	-7.16	-20.70
		1024	3.85	58.45	-2.99	-0.09	55.55	13.03	12.93	-58.29	-6.48	-38.88	-31.71
		1023	3.46	57.40	-2.36	1.94	53.11	15.44	8.17	-38.72	-8.35	-22.20	-22.40
791	19	1021	4.38	73.93	-0.98	1.35	71.60	13.01	-10.33	-49.07	-12.66	-46.74	-9.21
		974	5.11	82.61	1.51	2.35	81.77	8.20	9.88	-72.79	5.65	-68.56	18.21
		1000	5.88	86.85	0.62	2.40	85.07	12.27	12.77	-101.28	12.52	-101.03	5.38
		1024	5.09	76.61	-3.05	0.62	72.94	16.71	-14.61	-89.88	-27.46	-77.02	-28.33
791	51	1021	3.30	52.15	-0.74	1.57	49.84	10.81	10.23	-56.56	-17.72	-28.61	-32.95
		974	3.48	54.60	0.80	1.51	53.89	6.13	1.35	-50.35	0.74	-49.74	-5.58
		1000	4.28	58.99	0.32	1.54	57.76	8.40	5.69	-86.16	2.91	-83.38	-15.72
		1024	4.05	54.77	-1.72	1.24	51.82	12.58	7.88	-99.04	-32.01	-59.14	-51.71
791	83	1021	3.23	50.54	-0.73	1.59	48.23	10.65	12.32	-57.71	-18.10	-27.30	-34.71
		974	3.36	52.52	0.75	1.44	51.82	5.97	1.46	-49.46	0.37	-48.38	-7.35
		1000	4.16	56.92	0.29	1.48	55.74	8.11	5.59	-85.52	2.19	-82.11	-17.29
		1024	3.98	53.15	-1.62	1.28	50.25	12.27	9.85	-100.05	-32.36	-57.84	-53.45
792	3	987	4.46	73.24	-5.65	-3.09	70.68	13.98	119.90	20.83	115.22	25.52	21.02
		1022	4.62	80.20	-7.95	-3.08	75.33	20.14	67.07	14.49	66.95	14.61	-2.49
		1025	4.37	75.17	-5.97	-2.89	72.09	15.51	59.11	4.56	51.70	11.97	-18.69
		622	3.88	63.18	-1.68	2.75	58.76	16.36	121.03	19.40	119.16	21.27	13.68
792	39	987	3.07	53.15	-3.74	-2.26	51.67	9.07	69.66	22.98	69.46	23.18	3.11
		1022	3.34	58.54	-4.23	-0.22	54.53	15.35	36.52	-8.11	19.34	9.07	-21.72
		1025	3.51	59.34	-2.70	0.40	56.25	13.51	45.29	-34.68	3.98	6.63	-39.97
		622	2.55	43.64	1.62	4.89	40.37	11.25	73.97	18.47	73.25	19.19	-6.28
792	71	987	2.97	51.63	-3.60	-2.19	50.22	8.71	66.18	22.94	66.12	23.01	1.65
		1022	3.26	56.89	-3.96	-1.46e-03	52.93	15.00	35.81	-11.30	15.87	8.63	-23.27
		1025	3.45	57.72	-2.48	0.57	54.67	13.20	45.12	-38.43	0.48	6.21	-41.68
		622	2.46	42.16	1.87	5.06	38.97	10.88	71.08	17.83	69.88	19.03	-7.89
793	3	1022	4.20	72.22	-5.21	-1.68	68.70	16.14	77.68	-2.23	72.55	2.90	19.58
		1023	4.67	80.98	-4.24	0.74	75.99	20.00	56.59	-11.94	55.67	-11.02	7.88
		1026	4.94	83.16	-4.91	0.60	77.65	21.33	38.07	-22.97	37.16	-22.06	-7.40
		1025	4.04	70.11	-3.82	0.18	66.12	16.72	57.61	-1.99	57.16	-1.54	5.15
793	51	1022	2.47	38.15	-1.43	2.37	34.35	11.66	35.58	-19.08	18.18	-1.68	-25.46
		1023	3.37	49.26	1.40	7.73	42.92	16.22	28.98	-52.35	1.28	-24.65	-38.54
		1026	3.92	51.44	-1.58	4.92	44.94	17.39	30.76	-84.24	-18.69	-34.79	-56.94
		1025	2.66	35.94	-1.15	2.83	31.96	11.47	40.93	-45.19	1.06	-5.31	-42.94
793	83	1022	2.46	38.16	-1.35	2.36	34.45	11.52	34.39	-20.76	15.15	-1.53	-26.28
		1023	3.32	48.23	1.22	7.26	42.19	15.74	27.76	-54.24	-1.93	-24.55	-39.41
		1026	3.87	50.35	-1.49	4.72	44.13	16.84	30.03	-86.47	-21.75	-34.69	-57.89
		1025	2.66	35.97	-1.05	2.87	32.04	11.39	40.39	-47.36	-1.81	-5.16	-43.84
794	3	1023	4.79	84.54	-5.98	-2.49	81.05	17.44	38.30	-21.40	33.95	-17.05	15.52
		1024	5.17	87.39	-6.34	-3.45	84.50	16.20	36.37	-28.72	35.32	-27.67	8.22
		1027	5.53	90.17	-5.18	-1.81	86.80	17.62	26.09	-44.89	25.15	-43.95	-8.15
		1026	4.82	84.05	-3.83	1.74	78.49	21.40	19.18	-27.66	19.16	-27.65	-0.81
794	35	1023	3.54	59.73	-3.26	-0.02	56.48	13.93	8.83	-32.25	-3.19	-20.23	-18.69
		1024	3.87	60.22	-3.14	-0.67	57.75	12.26	13.96	-51.78	-1.61	-36.21	-27.95
		1027	4.37	62.94	-2.57	0.16	60.21	13.09	17.00	-82.85	-13.29	-52.57	-45.90
		1026	3.84	59.95	-2.21	2.16	55.58	15.89	11.80	-62.15	-19.55	-30.80	-36.55
794	67	1023	3.46	57.85	-3.07	0.17	54.62	13.66	9.24	-35.74	-6.01	-20.49	-21.29
		1024	3.79	58.16	-2.90	-0.46	55.72	11.96	14.08	-55.38	-4.41	-36.88	-30.70
		1027	4.30	60.87	-2.38	0.30	58.19	12.75	17.45	-86.90	-16.21	-53.24	-48.78
		1026	3.79	58.12	-2.08	2.20	53.84	15.47	12.73	-66.28	-22.50	-31.06	-39.27
795	3	1024	4.72	86.70	-0.92	1.89	83.88	15.46	-12.36	-31.37	-12.37	-31.36	0.25
		1000	5.50	94.86	0.90	2.21	93.55	10.99	34.55	-63.69	19.50	-48.64	35.38
		975	5.98	98.74	0.21	2.19	96.76	13.83	27.39	-77.97	18.72	-69.31	28.95
		1027	5.25	89.37	-2.03	1.67	85.67	18.00	-9.90	-61.02	-23.83	-47.09	-22.76
795	35	1024	3.80	59.87	-0.64	1.85	57.39	12.01	6.55	-68.78	-24.81	-37.42	-37.13
		1000	4.07	63.19	0.50	1.48	62.21	7.80	6.46	-58.70	6.32	-58.55	-3.04
		975	4.61	67.16	0.11	1.48	65.79	9.48	5.88	-80.75	4.59	-79.46	-10.50
		1027	4.45	62.51	-1.15	1.78	59.58	13.35	16.40	-106.97	-37.24	-53.34	-61.16
795	67	1024	3.74	57.84	-0.62	1.84	55.38	11.74	8.60	-72.27	-25.76	-37.91	-39.97
		1000	3.97	60.79	0.47	1.43	59.83	7.56	5.85	-59.88	5.31	-59.34	-5.96
		975	4.51	64.76	0.11	1.43	63.44	9.15	5.62	-82.38	3.50	-80.26	-13.50
		1027	4.40	60.47	-1.09	1.79	57.60	13.00	18.50	-110.60	-38.26	-53.84	-64.08
796	1	622	3.13	22.80	-3.90	16.66	2.24	11.23	75.50	-75.88	-21.40	21.02	-72.66

		1025	4.17	13.76	-10.67	11.01	-7.91	7.73	70.51	-170.12	-95.66	-3.95	-111.23
		1028	4.98	16.08	-7.10	11.53	-2.55	9.21	92.59	-206.34	-113.43	-0.33	-138.35
		988	2.96	6.09	-10.20	0.60	-4.71	7.70	82.25	-91.07	-32.28	23.46	-82.06
796	49	622	2.27	34.60	3.83	11.27	27.16	13.18	69.23	-0.26	47.22	21.75	-32.32
		1025	3.17	32.00	-0.60	5.99	25.40	13.09	61.20	-83.95	-25.35	2.60	-71.22
		1028	4.15	40.11	-0.84	7.85	31.42	16.75	77.81	-119.52	-46.40	4.69	-95.30
		988	2.18	25.34	-3.99	0.37	20.98	10.44	67.26	-11.16	33.32	22.78	-38.85
796	81	622	2.27	35.19	4.00	11.18	28.00	13.13	67.72	0.11	46.31	21.52	-31.45
		1025	3.12	31.94	-0.42	5.71	25.81	12.68	59.84	-83.82	-26.46	2.48	-70.36
		1028	4.11	39.97	-0.74	7.61	31.62	16.44	76.74	-119.38	-47.29	4.65	-94.56
		988	2.16	25.96	-3.75	0.42	21.79	10.32	66.06	-10.80	32.64	22.62	-38.10
797	6	1025	3.96	7.71	-5.57	7.05	-4.91	2.88	65.00	-193.10	-123.30	-4.80	-114.65
		1026	4.66	9.56	-11.35	8.43	-10.22	4.73	61.25	-232.23	-129.17	-41.82	-140.09
		1029	5.33	10.12	-9.41	9.12	-8.41	4.30	64.60	-276.88	-164.14	-48.15	-160.59
		1028	4.69	6.68	-6.92	6.03	-6.27	2.90	86.08	-229.12	-140.42	-2.62	-141.74
797	49	1025	3.20	38.63	-0.68	6.53	31.42	15.21	47.26	-73.70	-22.27	-4.17	-59.80
		1026	3.81	39.91	-1.39	5.84	32.68	15.69	35.16	-114.46	-42.40	-36.89	-74.76
		1029	4.44	42.06	-0.77	6.57	34.72	16.14	47.99	-149.76	-61.22	-40.55	-98.33
		1028	3.73	38.17	-0.29	6.83	31.05	14.94	64.11	-106.85	-40.07	-2.68	-83.41
797	81	1025	3.17	38.51	-0.57	6.28	31.65	14.86	46.43	-73.67	-23.17	-4.06	-59.29
		1026	3.77	39.69	-1.25	5.57	32.87	15.25	34.28	-114.34	-43.46	-36.61	-74.23
		1029	4.40	41.83	-0.68	6.30	34.85	15.74	47.23	-149.60	-62.09	-40.27	-97.81
		1028	3.69	38.04	-0.23	6.58	31.23	14.64	63.20	-106.73	-40.86	-2.67	-82.80
798	3	1026	5.08	84.57	-5.97	-2.58	81.17	17.20	38.02	-24.87	37.46	-24.31	-5.91
		1027	5.69	89.30	-6.65	-3.91	86.56	15.97	46.13	-43.02	43.82	-40.71	-14.16
		1030	5.88	92.24	-5.41	-2.12	88.94	17.62	29.57	-60.84	20.08	-51.35	-27.71
		1029	4.73	86.08	-2.15	1.63	82.30	17.87	-31.17	-39.71	-31.69	-39.19	-2.05
798	35	1026	3.90	60.23	-3.06	0.17	57.00	13.93	19.92	-59.96	-10.95	-29.08	-38.90
		1027	4.42	62.55	-3.19	-0.82	60.17	12.26	26.34	-81.82	-4.54	-50.93	-48.85
		1030	4.85	65.43	-2.62	0.10	62.71	13.32	29.26	-111.14	-21.89	-59.99	-67.56
		1029	4.03	61.63	-1.15	2.41	58.07	14.53	5.00	-95.27	-52.11	-38.16	-49.64
798	67	1026	3.83	58.39	-2.84	0.38	55.16	13.68	20.05	-64.12	-14.61	-29.46	-41.42
		1027	4.35	60.52	-2.93	-0.59	58.17	11.97	25.96	-85.88	-8.20	-51.72	-51.51
		1030	4.79	63.40	-2.41	0.27	60.72	12.99	29.94	-115.69	-25.09	-60.66	-70.61
		1029	4.00	59.78	-1.08	2.47	56.23	14.27	7.94	-99.73	-53.69	-38.10	-53.27
799	3	1027	5.12	88.56	-0.75	1.98	85.83	15.38	-13.50	-57.91	-24.01	-47.40	-18.87
		975	5.96	97.71	0.75	2.08	96.38	11.27	26.58	-77.54	18.62	-69.58	27.66
		999	6.31	101.41	0.24	2.17	99.49	13.82	21.72	-86.06	17.49	-81.83	20.93
		1030	5.64	91.40	-1.84	1.76	87.79	17.97	2.55	-91.70	-34.84	-54.31	-46.11
799	53	1027	4.31	48.84	-0.54	1.14	47.15	8.98	28.76	-146.30	-49.19	-68.35	-87.00
		975	4.30	52.78	0.15	0.68	52.25	5.25	8.22	-115.18	-8.14	-98.83	-41.84
		999	4.72	55.95	0.53	1.59	54.89	7.59	9.96	-132.40	-11.81	-110.63	-51.24
		1030	5.13	51.32	-1.36	1.23	48.72	11.39	48.39	-185.80	-62.58	-74.83	-116.93
799	85	1027	4.29	47.95	-0.52	1.21	46.23	8.98	29.73	-146.50	-49.22	-67.56	-87.64
		975	4.24	51.60	0.15	0.70	51.05	5.27	8.76	-114.90	-8.15	-97.98	-42.50
		999	4.66	54.83	0.48	1.53	53.78	7.46	10.56	-132.17	-11.77	-109.84	-51.85
		1030	5.10	50.46	-1.27	1.30	47.89	11.24	49.35	-185.97	-62.55	-74.07	-117.52
800	1	988	2.81	6.11	-6.66	1.95	-2.50	5.99	81.17	-92.85	-35.34	23.66	-81.86
		1028	4.97	16.11	-4.27	12.71	-0.87	7.59	96.44	-211.12	-115.08	0.40	-142.52
		1031	6.13	17.96	-9.11	11.77	-2.92	11.37	119.31	-254.10	-137.83	3.04	-172.91
		631	3.51	19.63	-6.98	19.17	-6.53	3.46	92.28	-115.85	-44.62	21.05	-98.75
800	33	988	2.12	17.36	-3.61	-0.23	13.97	7.71	65.19	-47.91	-5.12	22.40	-54.85
		1028	4.04	23.67	2.92	8.64	17.95	9.27	81.18	-162.59	-83.90	2.49	-113.97
		1031	5.07	25.05	-0.70	8.15	16.19	12.23	102.65	-202.94	-105.36	5.07	-142.47
		631	2.42	18.77	7.18	15.92	10.03	4.99	75.17	-68.43	-13.01	19.74	-69.91
800	65	988	2.09	18.50	-3.65	-0.38	15.24	7.85	63.98	-44.50	-2.82	22.30	-52.76
		1028	3.98	24.77	2.95	8.33	19.39	9.41	79.99	-158.87	-81.53	2.65	-111.77
		1031	5.00	26.01	-0.47	7.88	17.66	12.30	101.35	-199.02	-102.89	5.22	-140.12
		631	2.36	19.06	7.93	15.68	11.31	5.12	73.87	-64.83	-10.60	19.64	-67.68
801	1	1028	5.03	15.43	-6.96	10.66	-2.18	9.17	91.01	-213.01	-119.02	-2.98	-140.50
		1029	5.09	12.24	0.81	9.58	3.47	4.83	71.61	-260.18	-140.44	-48.14	-159.35
		1032	6.32	16.38	-4.54	10.11	1.73	9.58	95.01	-300.80	-158.59	-47.20	-189.91
		1031	5.87	15.88	-7.21	10.78	-2.11	9.58	112.41	-252.94	-140.42	-0.11	-168.67
801	33	1028	3.92	23.08	0.48	7.12	16.44	10.29	71.44	-156.77	-82.52	-2.81	-106.92
		1029	4.32	24.34	2.57	6.25	20.66	8.17	54.81	-201.50	-104.38	-42.31	-124.34
		1032	5.30	26.77	0.71	6.72	20.76	10.97	76.54	-239.47	-121.14	-41.79	-152.94
		1031	4.74	23.95	0.31	8.17	16.08	11.14	91.20	-194.00	-102.47	-0.33	-133.14
801	65	1028	3.85	24.12	0.60	6.85	17.87	10.39	69.94	-152.46	-79.73	-2.79	-104.33
		1029	4.28	25.60	2.38	6.00	21.98	8.42	53.52	-196.99	-101.62	-41.86	-121.64
		1032	5.23	27.94	0.74	6.46	22.22	11.08	75.12	-234.77	-118.27	-41.38	-150.10
		1031	4.66	24.95	0.51	7.98	17.48	11.26	89.57	-189.47	-99.56	-0.35	-130.40
802	6	1029	5.69	10.22	-10.66	8.73	-9.18	5.36	116.04	-263.97	-111.44	-36.49	-186.27
		1030	5.68	8.59	-9.78	8.24	-9.43	2.51	110.12	-291.03	-102.31	-78.59	-200.23
		1033	6.43	7.50	-6.76	7.06	-6.32	2.46	131.28	-328.54	-117.06	-80.20	-229.17
		1032	6.57	8.14	-10.77	5.37	-8.00	6.69	137.94	-304.98	-130.88	-36.17	-216.34
802	38	1029	4.56	19.90	0.63	5.79	14.74	8.54	76.14	-203.49	-90.35	-37.00	-137.25
		1030	4.74	18.79	2.35	5.02	16.12	6.06	73.15	-226.59	-80.31	-73.13	-149.83

		1033	5.49	21.56	2.11	4.56	19.11	6.46	93.39	-261.10	-92.88	-74.83	-177.02
		1032	5.40	21.58	-0.97	4.53	16.07	9.69	97.06	-241.51	-107.64	-36.82	-165.54
802	70	1029	4.49	21.42	0.71	5.57	16.56	8.78	73.11	-198.86	-88.73	-37.02	-133.51
		1030	4.69	20.60	2.24	4.78	18.06	6.33	70.36	-221.66	-78.61	-72.69	-145.98
		1033	5.44	23.44	1.97	4.37	21.05	6.76	90.53	-255.95	-91.01	-74.41	-173.04
		1032	5.32	23.16	-0.79	4.47	17.90	9.92	93.95	-236.66	-105.84	-36.86	-161.67
803	6	1030	5.73	3.06	-9.82	2.03	-8.79	3.50	119.21	-287.63	-89.98	-78.43	-203.34
		999	4.35	-0.03	-14.09	-0.05	-14.07	0.53	68.46	-231.16	-40.65	-122.05	-144.18
		976	4.61	-0.16	-9.87	-0.18	-9.85	-0.45	74.14	-247.70	-45.73	-127.83	-155.60
		1033	6.56	2.88	-6.24	2.05	-5.40	2.63	146.78	-329.38	-103.63	-78.96	-237.76
803	41	1030	5.05	38.55	0.45	2.37	36.64	8.32	65.10	-211.87	-69.35	-77.42	-138.42
		999	4.41	42.73	-1.18	-1.05	42.60	2.41	28.97	-159.85	-15.46	-115.42	-80.09
		976	4.72	44.33	1.08	1.88	43.53	5.84	28.61	-173.86	-23.27	-121.98	-88.39
		1033	5.95	41.69	-0.19	2.15	39.35	9.61	91.54	-251.55	-82.10	-77.90	-171.53
803	73	1030	5.02	38.79	0.40	2.34	36.84	8.42	64.55	-209.73	-68.75	-76.43	-137.09
		999	4.39	42.71	-1.05	-0.88	42.55	2.71	28.22	-157.55	-15.12	-114.22	-78.56
		976	4.70	44.53	0.99	1.81	43.71	5.91	28.19	-171.46	-22.53	-120.73	-86.91
		1033	5.92	41.92	-0.19	2.16	39.57	9.66	90.94	-249.29	-81.42	-76.93	-170.10
804	1	631	4.29	29.15	-8.27	22.32	-1.44	14.46	91.36	-115.00	-44.99	21.35	-97.71
		1031	5.85	12.44	-7.01	9.21	-3.78	7.23	120.91	-259.11	-140.76	2.56	-175.98
		1034	7.24	20.38	-7.50	13.31	-0.43	12.12	149.91	-303.13	-163.97	10.75	-209.00
		989	4.20	11.93	-14.09	2.24	-4.40	12.58	89.15	-146.90	-79.61	21.86	-106.57
804	33	631	3.18	32.33	2.27	19.00	15.60	14.94	72.61	-64.21	-11.50	19.89	-66.59
		1031	4.87	20.34	0.42	6.87	13.89	9.32	103.39	-206.09	-107.24	4.54	-144.30
		1034	6.19	28.82	-0.55	9.92	18.34	14.07	131.37	-248.82	-129.94	12.48	-176.25
		989	3.16	20.85	-7.28	2.10	11.47	13.26	68.57	-94.02	-45.57	20.12	-74.37
804	65	631	3.11	32.83	2.82	18.75	16.90	14.98	71.18	-60.36	-8.95	19.78	-64.18
		1031	4.81	21.37	0.57	6.69	15.25	9.48	102.02	-202.03	-104.69	4.69	-141.85
		1034	6.12	29.82	-0.37	9.66	19.79	14.22	129.92	-244.65	-127.34	12.61	-173.72
		989	3.09	21.72	-6.94	2.09	12.69	13.31	66.97	-89.97	-42.98	19.98	-71.88
805	6	1031	6.23	14.66	-12.28	11.64	-9.27	8.49	109.95	-276.34	-165.51	-0.88	-174.72
		1032	6.48	12.47	-8.48	10.20	-6.22	6.51	91.33	-325.95	-185.88	-48.75	-197.05
		1035	7.46	14.61	-6.78	11.65	-3.81	7.39	121.32	-366.66	-200.81	-44.53	-231.14
		1034	7.13	15.41	-11.17	12.61	-8.37	8.16	136.50	-320.45	-187.46	3.51	-207.57
805	38	1031	4.88	22.19	-0.49	8.49	13.21	11.09	90.00	-204.73	-114.22	-0.51	-135.95
		1032	5.29	22.55	1.32	6.84	17.04	9.31	74.62	-251.13	-133.88	-42.63	-156.35
		1035	6.24	25.73	1.44	7.96	19.22	10.76	101.65	-288.88	-148.33	-38.90	-187.45
		1034	5.74	23.09	0.11	9.29	13.91	11.25	113.62	-245.94	-135.69	3.36	-165.79
805	70	1031	4.79	23.36	-0.18	8.25	14.92	11.29	88.46	-199.27	-110.33	-0.48	-132.97
		1032	5.21	24.01	1.38	6.59	18.81	9.53	73.34	-245.44	-129.94	-42.16	-153.22
		1035	6.16	27.19	1.46	7.68	20.97	11.02	100.14	-282.96	-144.35	-38.47	-184.09
		1034	5.65	24.27	0.38	9.04	15.61	11.49	111.85	-240.26	-131.75	3.35	-162.58
806	6	1032	6.82	9.31	-12.25	4.67	-7.62	8.86	140.63	-309.52	-131.70	-37.20	-220.06
		1033	6.65	9.53	-6.11	8.68	-5.26	3.54	133.74	-334.00	-118.16	-82.10	-233.18
		1036	7.45	8.97	-3.15	7.62	-1.80	3.81	159.73	-369.17	-130.84	-78.60	-263.16
		1035	7.71	10.40	-10.19	5.32	-5.10	8.88	167.31	-350.60	-149.59	-33.69	-252.39
806	38	1032	5.53	22.60	-2.03	4.21	16.37	10.71	98.36	-243.69	-108.07	-37.26	-167.32
		1033	5.60	22.48	2.58	5.35	19.71	6.89	94.76	-263.95	-93.44	-75.76	-179.13
		1036	6.38	25.82	2.22	4.98	23.07	7.58	119.55	-295.89	-103.89	-72.46	-207.13
		1035	6.40	25.10	-1.57	4.88	18.65	11.42	123.81	-281.56	-123.76	-33.98	-197.65
806	70	1032	5.44	24.11	-1.74	4.18	18.20	10.85	95.14	-238.65	-106.25	-37.25	-163.29
		1033	5.53	24.28	2.43	5.10	21.61	7.15	91.80	-258.59	-91.53	-75.26	-175.01
		1036	6.31	27.66	2.07	4.78	24.96	7.87	116.50	-290.29	-101.81	-71.98	-202.85
		1035	6.31	26.65	-1.34	4.84	20.46	11.61	120.50	-276.27	-121.78	-34.00	-193.47
807	1	1033	6.82	11.70	-0.87	2.01	8.81	5.29	149.42	-326.53	-102.97	-74.15	-237.54
		976	4.78	8.46	-0.19	0.45	7.82	2.27	80.43	-248.79	-45.06	-123.30	-159.89
		998	5.06	12.39	-0.08	0.43	11.88	2.46	80.97	-261.50	-56.63	-123.89	-167.90
		1036	7.72	14.89	-0.46	2.19	12.24	5.79	174.45	-366.80	-121.53	-70.82	-269.43
807	33	1033	6.06	28.53	-0.17	2.16	26.20	7.84	114.51	-272.53	-87.85	-70.17	-193.32
		976	4.45	28.40	0.01	0.74	27.67	4.51	50.75	-194.89	-29.09	-115.05	-115.05
		998	4.75	32.43	-0.03	0.74	31.65	4.95	53.74	-205.08	-36.15	-115.19	-123.23
		1036	6.96	32.04	-0.12	2.37	29.55	8.59	142.32	-310.30	-101.77	-66.20	-225.61
807	65	1033	6.01	29.87	-0.15	2.18	27.54	8.03	111.85	-268.39	-86.69	-69.85	-189.94
		976	4.45	29.95	0.02	0.77	29.20	4.68	48.59	-190.85	-27.86	-114.40	-111.62
		998	4.74	33.98	-0.03	0.77	33.18	5.14	51.75	-200.85	-34.59	-114.51	-119.81
		1036	6.90	33.38	-0.12	2.38	30.88	8.80	139.87	-305.97	-100.27	-65.83	-222.25
808	6	989	3.86	-2.49	-17.22	-3.86	-15.85	4.28	85.71	-165.97	-101.02	20.76	-110.13
		1034	6.87	14.14	-2.96	13.56	-2.38	3.10	147.10	-324.94	-184.81	6.97	-215.67
		1037	8.96	22.39	-17.17	15.99	-10.77	14.56	174.80	-376.78	-213.45	11.47	-251.82
		640	5.15	27.20	-16.26	27.19	-16.25	0.64	96.35	-199.55	-120.56	17.36	-130.89
808	38	989	2.92	11.74	-9.89	-3.77	5.62	9.74	67.87	-104.30	-57.26	20.82	-76.73
		1034	5.85	23.38	6.06	10.95	18.50	7.80	130.79	-259.40	-139.21	10.61	-180.14
		1037	7.58	28.36	-4.97	11.89	11.49	16.67	156.62	-307.70	-166.17	15.10	-213.74
		640	3.63	25.53	5.86	24.84	6.56	3.62	77.03	-134.36	-74.78	17.45	-95.10
808	70	989	2.87	13.30	-9.81	-3.77	7.25	10.16	66.47	-99.61	-53.96	20.82	-74.14
		1034	5.78	24.82	6.03	10.75	20.09	8.15	129.50	-254.40	-135.78	10.88	-177.39
		1037	7.49	29.24	-4.46	11.59	13.19	16.83	155.19	-302.43	-162.60	15.36	-210.80

		640	3.53	25.52	7.43	24.66	8.29	3.85	75.52	-129.39	-71.32	17.44	-92.34
809	6	1034	7.33	17.55	-10.84	14.01	-7.29	9.39	136.22	-326.36	-191.40	1.26	-210.28
		1035	7.63	15.46	-7.42	11.76	-3.72	8.42	121.40	-372.99	-204.57	-47.03	-234.31
		1038	8.59	16.95	-5.46	12.18	-0.68	9.18	155.50	-411.67	-216.48	-39.69	-269.46
		1037	8.45	19.95	-11.17	15.07	-6.29	11.32	164.87	-372.41	-215.00	7.45	-244.53
809	38	1034	5.85	24.18	-0.06	9.98	14.14	11.94	113.36	-248.80	-137.58	2.14	-167.06
		1035	6.31	26.25	1.36	8.07	19.54	11.04	101.70	-292.11	-150.34	-40.07	-189.03
		1038	7.27	29.75	1.08	8.53	22.30	12.57	132.92	-327.55	-161.41	-33.23	-221.14
		1037	6.95	27.83	-0.65	12.12	15.06	14.17	139.10	-291.63	-160.33	7.80	-198.28
809	70	1034	5.75	25.24	0.21	9.68	15.77	12.14	111.60	-242.88	-133.48	2.21	-163.74
		1035	6.22	27.67	1.43	7.79	21.31	11.25	100.19	-285.95	-146.22	-39.54	-185.55
		1038	7.18	31.22	1.08	8.25	24.05	12.83	131.18	-321.13	-157.22	-32.73	-217.43
		1037	6.84	28.88	-0.29	11.90	16.69	14.39	137.12	-285.46	-156.17	7.83	-194.73
810	6	1035	7.93	11.52	-11.76	5.23	-5.47	10.34	169.64	-356.12	-150.62	-35.86	-256.55
		1036	7.66	10.85	-2.35	8.83	-0.32	4.76	161.92	-376.01	-132.13	-81.95	-267.79
		1039	8.62	10.71	-5.10	3.02	2.60	7.90	191.77	-405.58	-141.41	-72.40	-296.67
		1038	8.92	14.10	-10.42	6.10	-2.41	11.50	200.49	-394.77	-165.40	-28.87	-289.69
810	38	1035	6.51	25.59	-2.20	4.85	18.53	12.10	124.88	-284.28	-124.35	-35.06	-199.65
		1036	6.49	26.86	2.60	5.57	23.89	7.96	120.74	-299.49	-104.60	-74.15	-209.56
		1039	7.33	30.95	-0.72	2.95	27.27	10.14	149.22	-325.51	-111.42	-64.87	-236.22
		1038	7.46	29.37	-2.13	5.78	21.46	13.66	154.33	-319.37	-136.69	-28.36	-230.57
810	70	1035	6.41	27.08	-1.90	4.82	20.36	12.23	121.47	-278.78	-122.32	-34.99	-195.30
		1036	6.41	28.62	2.44	5.33	25.73	8.20	117.61	-293.63	-102.48	-73.55	-205.11
		1039	7.24	32.73	-0.62	2.95	29.15	10.32	145.98	-319.38	-109.11	-64.29	-231.60
		1038	7.36	30.88	-1.85	5.76	23.28	13.82	150.80	-313.60	-134.48	-28.31	-226.05
811	1	1036	7.90	15.78	-0.64	2.27	12.87	6.27	182.50	-369.74	-115.49	-71.74	-275.25
		998	5.37	13.28	-0.11	0.60	12.58	2.98	93.54	-270.27	-50.80	-125.93	-177.98
		977	5.64	17.56	-0.13	0.53	16.90	3.35	103.43	-275.74	-55.44	-116.87	-187.08
		1039	8.79	19.81	-0.51	2.47	16.84	7.19	212.50	-403.57	-129.47	-61.60	-306.16
811	33	1036	7.03	32.51	-0.13	2.43	29.95	8.78	145.35	-311.14	-99.08	-66.71	-227.67
		998	4.93	32.93	0.02	0.85	32.10	5.15	61.37	-211.19	-33.48	-116.34	-129.83
		977	5.16	37.26	-0.07	0.83	36.37	5.70	69.50	-214.23	-37.16	-107.57	-137.43
		1039	7.90	36.72	-0.18	2.68	33.87	9.87	177.15	-342.39	-108.99	-56.25	-258.42
811	65	1036	6.97	33.83	-0.12	2.44	31.26	8.97	142.52	-306.64	-97.82	-66.30	-224.03
		998	4.91	34.45	0.02	0.87	33.61	5.32	59.00	-206.74	-32.15	-115.58	-126.15
		977	5.14	38.79	-0.06	0.85	37.87	5.88	66.98	-209.57	-35.75	-106.84	-133.63
		1039	7.83	38.05	-0.18	2.69	35.18	10.07	174.44	-337.70	-107.43	-55.83	-254.77
812	1	640	5.74	37.80	-9.74	29.37	-1.31	18.16	94.35	-179.63	-102.04	16.75	-123.44
		1037	8.46	18.33	-9.62	12.32	-3.61	11.48	180.98	-367.27	-198.46	12.16	-253.09
		1040	10.14	29.18	-9.75	16.71	2.71	18.16	218.11	-417.86	-226.22	26.47	-291.81
		990	5.98	18.17	-22.55	4.29	-8.67	19.30	84.63	-236.87	-168.41	16.17	-131.62
812	33	640	4.52	41.37	-0.52	27.61	13.23	19.67	71.86	-120.11	-64.36	16.12	-87.14
		1037	7.29	26.20	-1.80	9.89	14.51	13.81	159.44	-304.38	-159.93	14.99	-214.78
		1040	8.87	38.35	-2.91	13.25	22.18	20.14	196.34	-351.44	-184.62	29.52	-252.09
		990	4.68	25.86	-14.94	3.89	7.04	20.34	62.32	-173.96	-127.41	15.77	-93.98
812	65	640	4.43	41.77	0.07	27.48	14.36	19.79	70.12	-115.54	-61.49	16.07	-84.34
		1037	7.20	27.13	-1.52	9.70	15.91	13.99	157.76	-299.55	-156.99	15.21	-211.83
		1040	8.78	39.33	-2.66	12.99	23.68	20.30	194.65	-346.33	-181.44	29.76	-249.03
		990	4.58	26.59	-14.49	3.86	8.24	20.43	60.61	-169.14	-124.27	15.74	-91.08
813	6	1037	8.84	20.88	-14.76	15.26	-9.14	13.00	192.83	-366.84	-185.69	11.68	-261.85
		1038	8.71	18.29	-4.34	13.58	0.37	9.19	154.56	-419.42	-220.75	-44.12	-273.07
		1041	9.90	22.57	-5.98	13.27	3.31	13.38	194.57	-451.17	-225.71	-30.89	-307.83
		1040	10.07	20.96	-17.39	11.27	-7.71	16.66	222.32	-416.59	-213.80	19.54	-297.39
813	38	1037	7.19	28.65	-2.82	11.85	13.98	15.69	152.32	-289.25	-146.82	9.89	-206.41
		1038	7.30	30.11	2.15	9.33	22.93	12.22	132.31	-331.53	-163.62	-35.59	-222.91
		1041	8.40	35.88	0.01	9.88	26.02	16.02	168.76	-359.41	-167.68	-22.97	-253.98
		1040	8.30	31.58	-4.92	10.72	15.95	18.06	180.77	-334.17	-171.09	17.69	-239.55
813	70	1037	7.08	29.70	-2.37	11.60	15.74	15.90	149.22	-283.30	-143.84	9.76	-202.16
		1038	7.21	31.53	2.13	9.01	24.64	12.45	130.60	-324.81	-159.27	-34.94	-219.06
		1041	8.30	37.27	0.11	9.62	27.75	16.22	166.78	-352.40	-163.26	-22.37	-249.85
		1040	8.17	32.73	-4.30	10.68	17.75	18.17	177.60	-327.86	-167.81	17.55	-235.12
814	6	1038	9.13	15.54	-10.88	6.18	-1.52	12.63	202.53	-401.75	-166.80	-32.42	-294.57
		1039	8.63	13.72	0.56	9.15	5.12	6.27	186.70	-414.96	-149.98	-78.27	-298.69
		1042	9.55	16.34	-4.04	3.50	8.79	9.84	227.33	-430.91	-145.19	-58.39	-326.24
		1041	10.13	19.43	-9.74	7.17	2.51	14.40	238.74	-432.70	-174.03	-19.93	-326.76
814	38	1038	7.57	30.21	-2.49	5.79	21.93	14.22	155.20	-322.90	-137.57	-30.14	-232.94
		1039	7.33	31.91	2.58	5.90	28.60	9.28	146.97	-330.40	-115.56	-67.86	-237.49
		1042	8.10	36.95	-0.78	3.41	32.76	11.86	182.18	-343.56	-112.27	-49.10	-260.97
		1041	8.52	35.25	-2.52	6.87	25.86	16.33	189.71	-350.26	-142.50	-18.05	-262.71
814	70	1038	7.46	31.67	-2.19	5.76	23.72	14.35	151.58	-316.86	-135.32	-29.96	-228.22
		1039	7.25	33.63	2.41	5.65	30.39	9.51	143.94	-323.93	-112.93	-67.07	-232.80
		1042	8.00	38.68	-0.69	3.41	34.58	12.02	178.74	-336.87	-109.74	-48.39	-255.97
		1041	8.41	36.72	-2.24	6.85	27.64	16.47	185.96	-343.94	-140.08	-17.90	-257.81
815	1	1039	8.96	21.98	-0.59	2.28	19.10	7.52	218.73	-407.44	-124.74	-63.97	-311.61
		977	5.92	20.10	-0.25	0.46	19.39	3.73	108.71	-285.71	-56.28	-120.73	-194.56
		997	6.05	24.83	-0.44	0.34	24.06	4.35	121.23	-280.02	-59.88	-98.91	-199.67
		1042	9.79	27.07	-0.75	2.51	23.81	8.94	256.94	-426.81	-126.37	-43.50	-339.35

815	33	1039	7.97	37.87	-0.23	2.60	35.03	9.99	179.28	-343.78	-106.96	-57.53	-260.36
		977	5.33	38.57	-0.08	0.82	37.67	5.83	73.72	-220.96	-37.58	-109.66	-142.87
		997	5.40	43.33	-0.23	0.77	42.33	6.52	84.06	-212.64	-40.36	-88.22	-146.41
		1042	8.74	43.02	-0.37	2.92	39.74	11.48	216.08	-361.28	-107.76	-37.44	-286.53
815	65	1039	7.90	39.11	-0.21	2.63	36.26	10.18	176.27	-338.90	-105.60	-57.02	-256.44
		977	5.30	40.00	-0.07	0.85	39.08	5.99	71.11	-216.05	-36.15	-108.79	-138.91
		997	5.36	44.76	-0.22	0.80	43.74	6.69	81.26	-207.50	-38.87	-87.38	-142.33
		1042	8.66	44.26	-0.35	2.95	40.97	11.67	212.96	-356.25	-106.33	-36.96	-282.48
816	6	990	6.12	1.46	-34.13	-4.77	-27.90	13.52	89.41	-261.91	-188.84	16.34	-142.59
		1040	9.57	20.10	0.70	18.35	2.44	5.55	218.36	-442.68	-243.28	18.96	-303.40
		1043	12.56	36.37	-26.15	22.72	-12.51	25.82	252.83	-495.11	-272.53	30.25	-341.96
		649	7.73	46.90	-19.39	46.87	-19.36	1.26	103.03	-306.63	-217.99	14.39	-168.69
816	38	990	4.68	14.39	-22.78	-6.05	-2.34	18.49	67.56	-188.46	-139.36	18.46	-100.80
		1040	8.34	31.23	8.93	16.35	23.80	10.51	197.28	-363.94	-192.23	25.57	-258.62
		1043	10.87	41.97	-13.41	18.06	10.51	27.43	231.68	-410.83	-216.47	37.32	-295.13
		649	5.86	44.51	5.93	44.05	6.38	4.16	81.01	-227.17	-163.16	17.01	-125.01
816	70	990	4.58	15.82	-22.36	-6.14	-0.40	18.87	65.87	-182.87	-135.61	18.61	-97.58
		1040	8.25	32.65	8.99	16.20	25.44	10.89	195.63	-357.92	-188.36	26.07	-255.17
		1043	10.75	42.68	-12.70	17.71	12.27	27.56	230.04	-404.38	-212.20	37.86	-291.53
		649	5.73	44.38	7.81	43.84	8.34	4.39	79.31	-221.09	-158.99	17.20	-121.65
817	6	1040	10.18	24.72	-13.95	17.02	-6.25	15.45	223.49	-423.37	-214.96	15.08	-302.29
		1041	10.18	23.25	-4.81	14.07	4.37	13.17	220.13	-451.87	-201.39	-30.35	-324.94
		1044	11.19	28.32	-5.37	14.05	8.90	16.64	262.32	-471.14	-199.03	-9.79	-354.31
		1043	11.72	31.30	-17.61	17.51	-3.82	22.01	259.96	-467.47	-237.16	29.64	-338.37
817	38	1040	8.38	32.37	-3.15	13.48	15.74	17.72	181.04	-337.58	-171.73	15.19	-241.89
		1041	8.54	36.43	1.01	10.36	27.07	15.61	180.79	-360.43	-156.77	-22.86	-262.19
		1044	9.50	43.09	-0.76	10.78	31.54	19.31	222.16	-374.54	-150.07	-2.31	-289.06
		1043	9.82	41.13	-5.86	16.72	18.55	23.48	216.59	-376.40	-189.53	29.72	-275.49
817	70	1040	8.25	33.34	-2.71	13.21	17.42	17.90	177.79	-331.01	-168.41	15.20	-237.26
		1041	8.42	37.81	1.08	10.08	28.81	15.80	177.78	-353.42	-153.35	-22.29	-257.39
		1044	9.38	44.49	-0.69	10.53	33.27	19.52	219.10	-367.14	-146.31	-1.73	-284.06
		1043	9.68	42.12	-5.21	16.66	20.26	23.59	213.28	-369.42	-185.88	29.73	-270.67
818	6	1041	10.32	19.97	-10.55	7.11	2.31	15.07	240.47	-440.89	-175.75	-24.67	-332.20
		1042	9.59	18.62	2.36	9.20	11.77	8.03	228.97	-439.11	-146.79	-63.35	-331.42
		1045	10.27	24.08	-3.54	4.22	16.32	12.42	266.85	-434.26	-136.66	-30.76	-346.53
		1044	11.30	26.58	-10.34	8.73	7.52	18.45	284.10	-455.01	-168.04	-2.87	-360.21
818	38	1041	8.62	35.43	-2.87	6.84	25.73	16.66	190.36	-354.51	-143.63	-20.53	-265.39
		1042	8.13	38.07	2.42	6.15	34.34	10.91	183.02	-348.07	-113.27	-51.77	-263.76
		1045	8.65	44.37	-0.88	4.05	39.43	14.10	218.76	-340.06	-101.56	-19.74	-276.40
		1044	9.54	42.70	-3.21	8.55	30.94	20.04	231.82	-365.49	-134.36	0.69	-290.92
818	70	1041	8.50	36.88	-2.55	6.82	27.51	16.78	186.52	-347.90	-141.16	-20.21	-260.28
		1042	8.03	39.72	2.25	5.92	36.06	11.13	179.52	-341.10	-110.70	-50.88	-258.58
		1045	8.53	46.02	-0.78	4.04	41.20	14.23	215.09	-332.84	-98.86	-18.89	-271.03
		1044	9.41	44.15	-2.88	8.53	32.73	20.16	227.82	-358.63	-131.77	0.97	-285.62
819	6	1042	9.92	18.80	-1.56	2.91	14.33	8.43	255.79	-441.83	-129.59	-56.45	-346.89
		997	6.19	14.63	-0.41	0.66	13.56	3.88	126.15	-300.19	-62.67	-111.37	-211.77
		978	6.08	19.87	-0.65	0.38	18.84	4.48	142.25	-276.60	-64.44	-69.91	-209.41
		1045	10.46	24.91	-1.68	3.12	20.11	10.23	295.21	-437.23	-120.09	-21.93	-362.92
819	38	1042	8.77	38.93	-0.38	3.13	35.42	11.20	214.78	-368.00	-109.49	-43.73	-289.53
		997	5.45	38.62	-0.09	0.95	37.58	6.25	88.27	-224.33	-41.71	-94.35	-154.07
		978	5.24	43.98	-0.30	0.83	42.85	6.99	102.25	-198.43	-42.94	-53.24	-150.26
		1045	9.25	45.31	-0.58	3.53	41.20	13.11	252.90	-361.92	-99.44	-9.58	-304.11
819	65	1042	8.68	44.54	-0.21	3.06	41.28	11.64	212.25	-358.21	-107.06	-38.91	-283.19
		997	5.49	45.13	-0.06	0.95	44.12	6.67	85.63	-213.85	-39.18	-89.05	-147.65
		978	5.27	50.51	-0.21	0.93	49.37	7.51	99.60	-187.89	-40.35	-47.95	-143.70
		1045	9.17	50.96	-0.35	3.57	47.04	13.64	250.32	-352.05	-96.94	-4.79	-297.64
820	6	649	9.29	66.90	-25.82	53.34	-12.26	32.76	84.60	-295.75	-213.82	2.67	-156.36
		1043	12.33	31.88	-23.20	22.86	-14.18	20.39	254.18	-505.84	-276.18	24.52	-349.00
		1046	14.06	40.54	-21.49	16.35	2.70	30.25	314.80	-550.25	-296.33	60.88	-393.93
		991	9.24	29.00	-42.29	7.65	-20.94	32.65	78.01	-390.44	-325.24	12.80	-162.15
820	38	649	7.47	67.25	-11.68	49.31	6.27	33.08	64.40	-214.45	-158.62	8.57	-111.58
		1043	10.56	36.76	-8.62	17.56	10.58	22.42	231.86	-417.40	-219.35	33.81	-298.94
		1046	12.43	55.42	-11.19	16.34	27.88	32.80	295.47	-452.65	-229.08	71.89	-342.45
		991	7.47	36.91	-32.03	7.28	-2.40	34.13	62.60	-301.03	-259.00	20.57	-116.27
820	70	649	7.34	67.37	-10.68	49.01	7.68	33.11	62.84	-208.24	-154.41	9.01	-108.14
		1043	10.43	37.52	-7.88	17.17	12.47	22.58	230.13	-410.64	-215.03	34.52	-295.09
		1046	12.32	56.75	-10.60	16.34	29.80	33.00	293.97	-445.18	-223.94	72.73	-338.50
		991	7.34	37.63	-31.36	7.26	-0.99	34.25	61.46	-294.24	-253.94	21.16	-112.75
821	6	1043	12.07	30.88	-23.43	14.92	-7.47	24.73	261.52	-476.48	-239.68	24.72	-344.50
		1044	11.21	28.83	-2.08	15.87	10.88	15.25	262.40	-479.92	-201.15	-16.37	-359.47
		1047	12.45	38.94	-11.37	12.48	15.10	25.12	316.88	-469.37	-173.05	20.55	-381.02
		1046	13.40	38.29	-21.02	18.43	-1.16	27.99	316.09	-507.69	-244.25	52.65	-384.21
821	38	1043	10.09	41.98	-10.42	14.60	16.95	26.17	216.97	-381.13	-191.47	27.31	-278.32
		1044	9.47	43.18	1.53	11.91	32.79	18.02	221.81	-379.30	-151.50	-5.99	-291.61
		1047	10.52	53.74	-4.31	11.63	37.80	25.91	274.63	-364.33	-120.27	30.57	-310.45
		1046	11.29	49.66	-8.34	17.91	23.42	28.87	269.58	-407.88	-192.86	54.56	-315.33
821	70	1043	9.94	43.07	-9.67	14.58	18.82	26.28	213.56	-373.82	-187.77	27.51	-273.26

		1044	9.35	44.56	1.53	11.62	34.47	18.23	218.70	-371.59	-147.69	-5.20	-286.42
		1047	10.38	55.05	-3.95	11.57	39.53	25.97	271.40	-356.28	-116.22	31.34	-305.04
		1046	11.13	50.76	-7.59	17.87	25.29	28.94	266.02	-400.23	-188.93	54.71	-310.05
822	6	1044	11.46	27.66	-9.95	8.83	8.88	18.80	284.59	-463.91	-170.40	-8.93	-365.43
		1045	10.26	25.84	3.18	9.82	19.21	10.31	268.72	-440.97	-137.99	-34.26	-351.03
		1048	10.52	33.53	-2.85	5.54	25.13	15.33	310.41	-398.88	-107.87	19.40	-348.89
		1047	12.24	36.73	-9.58	11.19	15.95	23.03	339.34	-447.67	-136.40	28.07	-384.82
822	38	1044	9.63	43.37	-3.28	8.53	31.56	20.28	231.75	-370.29	-136.05	-2.49	-293.52
		1045	8.65	45.35	2.38	6.76	40.98	12.99	219.69	-344.03	-102.51	-21.83	-278.96
		1048	8.76	53.29	-0.73	5.14	47.42	16.81	259.02	-300.10	-72.22	31.14	-274.74
		1047	10.36	52.89	-3.45	10.81	38.63	24.50	284.10	-352.20	-101.90	33.80	-310.83
822	70	1044	9.50	44.76	-2.97	8.51	33.29	20.39	227.71	-363.12	-133.42	-1.99	-288.02
		1045	8.54	46.95	2.22	6.52	42.64	13.19	215.94	-336.60	-99.78	-20.88	-273.44
		1048	8.63	54.88	-0.64	5.11	49.12	16.93	255.09	-292.54	-69.48	32.04	-269.07
		1047	10.22	54.28	-3.14	10.78	40.36	24.61	279.87	-344.89	-99.25	34.23	-305.17
823	6	1045	10.56	26.39	-1.24	3.55	21.60	10.46	295.68	-442.12	-121.30	-25.15	-365.75
		978	6.31	22.26	-0.12	0.97	21.17	4.81	149.09	-283.49	-64.48	-69.92	-216.27
		996	5.87	28.57	-0.52	0.76	27.29	5.97	172.64	-234.93	-63.02	0.73	-201.27
		1048	10.63	34.37	-1.83	3.98	28.57	13.28	334.77	-398.28	-93.95	30.44	-361.21
823	38	1045	9.29	46.08	-0.35	3.75	41.98	13.18	252.34	-364.07	-100.31	-11.42	-304.99
		978	5.39	45.19	-0.01	1.12	44.05	7.08	107.31	-203.89	-42.98	-53.60	-155.51
		996	4.78	51.54	-0.26	1.07	50.22	8.18	130.17	-155.09	-41.66	16.75	-139.61
		1048	9.30	54.09	-0.70	4.38	49.02	15.89	290.58	-319.81	-73.09	43.86	-299.54
823	70	1045	9.20	47.62	-0.32	3.77	43.53	13.38	249.03	-358.10	-98.70	-10.37	-300.34
		978	5.34	46.94	-0.01	1.14	45.79	7.26	104.12	-197.80	-41.33	-52.35	-150.86
		996	4.71	53.30	-0.24	1.09	51.97	8.34	126.94	-149.00	-40.03	17.97	-134.89
		1048	9.20	55.63	-0.64	4.41	50.58	16.09	287.21	-313.82	-71.49	44.88	-294.82
824	6	991	9.13	1.36	-59.04	-15.89	-41.80	27.28	94.72	-411.18	-336.81	20.35	-179.14
		1046	13.16	38.97	4.95	31.94	11.98	13.78	314.66	-561.28	-297.08	50.46	-402.02
		1049	17.43	68.25	-40.01	35.46	-7.22	49.74	391.45	-579.22	-286.96	99.18	-445.28
		658	12.60	95.54	-27.02	95.37	-26.85	4.52	149.33	-439.12	-336.28	46.49	-223.47
824	38	991	7.33	19.03	-48.33	-16.80	-12.50	33.61	76.64	-317.28	-270.04	29.39	-127.98
		1046	11.50	50.03	14.26	29.00	35.29	17.61	296.20	-459.65	-228.94	65.49	-348.07
		1049	15.35	73.80	-27.05	30.12	16.64	49.97	373.11	-471.65	-213.04	114.51	-389.33
		658	10.25	92.43	2.30	91.84	2.89	7.25	129.65	-337.47	-263.68	55.85	-170.37
824	70	991	7.20	20.69	-47.82	-16.87	-10.27	34.09	75.30	-310.16	-264.94	30.08	-124.05
		1046	11.38	51.30	14.55	28.78	37.07	17.90	294.77	-451.87	-223.73	66.63	-343.93
		1049	15.20	74.40	-26.22	29.72	18.46	49.99	371.70	-463.41	-207.40	115.68	-385.04
		658	10.07	92.22	4.52	91.58	5.16	7.46	128.15	-329.72	-258.13	56.57	-166.29
825	6	1046	13.50	39.01	-20.79	19.39	-1.16	28.08	312.61	-516.18	-246.03	42.46	-388.48
		1047	12.35	39.86	-3.75	18.45	17.66	21.80	316.74	-477.98	-176.75	15.51	-385.56
		1050	13.06	52.17	-7.23	17.86	27.09	29.34	390.31	-423.12	-105.49	72.68	-396.84
		1049	15.63	61.12	-22.43	32.64	6.05	39.61	396.14	-520.01	-219.85	95.98	-429.99
825	38	1046	11.37	49.26	-9.12	18.56	21.58	29.15	266.78	-412.12	-193.89	48.56	-317.07
		1047	10.44	54.29	0.29	14.73	39.85	23.90	274.21	-369.44	-123.41	28.18	-312.77
		1050	11.14	67.63	-3.75	14.56	49.32	31.17	346.50	-310.97	-49.51	85.04	-321.78
		1049	13.43	70.78	-10.98	31.17	28.64	40.86	348.81	-412.14	-165.08	101.76	-356.31
825	70	1046	11.21	50.25	-8.43	18.50	23.32	29.24	263.28	-404.15	-189.89	49.02	-311.60
		1047	10.31	55.61	0.38	14.45	41.54	24.07	270.95	-361.12	-119.32	29.15	-307.20
		1050	11.00	68.96	-3.63	14.31	51.01	31.32	343.15	-302.38	-45.22	85.99	-316.03
		1049	13.27	71.67	-10.25	31.06	30.36	40.96	345.19	-403.87	-160.89	102.20	-350.67
826	6	1047	12.36	36.60	-9.69	11.36	15.54	23.05	339.24	-456.33	-139.36	22.27	-389.49
		1048	10.45	35.42	3.09	10.25	28.27	13.42	313.40	-400.40	-108.04	21.05	-351.02
		1051	10.02	45.37	-2.24	7.48	35.66	19.19	357.79	-299.79	-46.96	104.96	-319.89
		1050	12.89	50.07	-10.68	14.14	25.26	29.86	410.84	-387.33	-57.95	81.46	-392.95
826	38	1047	10.44	52.72	-3.45	11.03	38.25	24.57	283.68	-357.27	-104.25	30.66	-313.30
		1048	8.73	54.45	2.06	7.38	49.14	15.82	260.57	-301.75	-72.60	31.43	-276.31
		1051	8.16	64.16	-0.53	6.58	57.05	20.23	302.54	-202.87	-14.78	114.45	-244.31
		1050	10.94	66.25	-4.70	13.49	48.05	30.98	352.49	-289.67	-26.11	88.93	-315.88
826	70	1047	10.30	54.11	-3.13	11.00	39.98	24.68	279.43	-349.69	-101.56	31.30	-307.47
		1048	8.61	55.98	1.91	7.16	50.73	16.01	256.53	-294.19	-69.88	32.22	-270.59
		1051	8.03	65.66	-0.46	6.51	58.68	20.32	298.32	-195.46	-12.31	115.17	-238.52
		1050	10.80	67.61	-4.37	13.45	49.79	31.07	348.02	-282.19	-23.67	89.50	-309.98
827	6	1048	10.62	36.04	-0.61	4.80	30.63	13.00	336.23	-397.84	-93.92	32.31	-361.57
		996	5.97	31.20	0.32	1.47	30.05	5.85	183.30	-233.89	-60.94	10.35	-205.53
		979	5.62	39.22	0.05	1.57	37.70	7.56	225.40	-160.53	-56.10	120.96	-171.46
		1051	9.92	46.04	-1.73	5.34	38.97	16.96	371.17	-296.18	-42.35	117.33	-323.98
827	38	1048	9.28	55.00	-0.07	4.85	50.08	15.71	290.57	-319.52	-73.31	44.37	-299.32
		996	4.87	52.87	0.13	1.39	51.61	8.06	137.11	-156.68	-40.61	21.05	-143.62
		979	5.58	60.89	7.42e-03	1.54	59.35	9.55	186.06	-90.88	-36.53	131.71	-110.00
		1051	8.53	64.86	-0.81	5.52	58.53	19.38	326.41	-219.49	-22.50	129.41	-262.17
827	70	1048	9.19	56.47	-0.06	4.85	51.56	15.92	287.09	-313.53	-71.73	45.29	-294.55
		996	4.80	54.53	0.11	1.39	53.25	8.23	133.59	-150.79	-39.06	21.86	-138.89
		979	5.61	62.54	-7.49e-04	1.54	61.00	9.70	183.30	-85.81	-35.03	132.53	-105.29
		1051	8.43	66.32	-0.76	5.53	60.02	19.57	323.00	-213.65	-20.98	130.33	-257.44
828	6	658	15.16	141.31	-37.70	106.76	-3.14	70.65	99.64	-408.56	-323.66	14.73	-189.58
		1049	16.61	52.66	-37.11	34.17	-18.62	36.31	385.03	-591.21	-294.94	88.75	-448.84

		1052	21.13	101.97	-37.25	34.47	30.25	69.58	561.26	-616.81	-259.67	204.12	-541.47
		992	14.76	61.72	-79.04	15.94	-33.26	65.94	178.79	-536.85	-483.93	125.88	-187.27
828	38	658	13.00	141.85	-23.01	102.20	16.65	70.46	88.05	-305.42	-249.57	32.19	-137.32
		1049	14.40	56.65	-20.58	28.55	7.52	37.15	367.37	-477.40	-219.78	109.75	-388.93
		1052	19.23	116.55	-29.31	31.00	56.24	71.83	550.05	-490.16	-168.10	228.00	-480.92
		992	12.53	68.66	-67.45	14.68	-13.47	66.59	178.03	-424.80	-393.09	146.31	-134.58
828	70	658	12.83	141.95	-21.94	101.85	18.16	70.45	87.20	-297.58	-243.90	33.53	-133.31
		1049	14.24	57.19	-19.54	28.13	9.52	37.22	366.00	-468.69	-214.04	111.35	-384.33
		1052	19.09	117.78	-28.82	30.74	58.22	72.00	549.19	-480.47	-161.10	229.82	-476.28
		992	12.36	69.26	-66.63	14.58	-11.95	66.64	178.08	-416.34	-386.14	147.88	-130.54
829	6	1049	16.27	63.48	-31.68	29.55	2.25	45.58	392.62	-534.73	-229.68	87.56	-435.70
		1050	12.89	51.11	-3.64	18.77	28.70	26.92	388.58	-426.63	-107.91	69.87	-397.79
		1053	13.20	71.38	-7.07	23.53	40.78	38.26	488.37	-278.01	54.94	155.42	-379.88
		1052	18.33	80.36	-28.69	28.28	23.39	54.47	553.05	-500.40	-120.74	173.39	-505.78
829	38	1049	14.00	75.13	-19.11	28.69	27.33	47.12	345.70	-420.49	-173.70	98.91	-358.02
		1050	10.98	66.45	-1.22	14.90	50.33	28.82	345.25	-314.59	-52.03	82.69	-322.97
		1053	11.32	85.48	-3.56	19.18	62.74	38.83	441.98	-170.01	105.14	166.83	-304.44
		1052	16.07	93.46	-18.89	25.99	48.58	55.02	502.19	-389.55	-70.63	183.26	-427.42
829	70	1049	13.83	76.17	-18.31	28.62	29.25	47.24	342.11	-411.75	-169.41	99.78	-352.08
		1050	10.84	67.77	-1.18	14.61	51.98	28.97	341.94	-306.02	-47.74	83.67	-317.25
		1053	11.19	86.69	-3.42	18.85	64.41	38.87	438.45	-161.76	108.98	167.71	-298.66
		1052	15.90	94.60	-18.28	25.82	50.50	55.07	498.29	-381.07	-66.79	184.01	-421.42
830	6	1050	12.93	51.61	-9.46	15.47	26.68	30.01	408.83	-391.23	-61.91	79.51	-393.73
		1051	9.84	47.06	3.18	11.84	38.39	17.47	366.52	-289.37	-42.76	119.92	-317.70
		1054	8.14	58.14	3.09	12.67	48.56	20.87	406.09	-113.20	47.48	245.41	-240.04
		1053	12.63	66.77	-14.27	12.98	39.51	38.29	490.73	-226.52	105.43	158.78	-357.63
830	38	1050	10.99	67.16	-3.67	14.72	48.77	31.05	351.15	-293.60	-29.93	87.48	-316.99
		1051	8.09	65.18	1.63	8.38	58.43	19.57	307.16	-198.46	-12.10	120.80	-243.92
		1054	6.94	76.29	2.01	9.47	68.83	22.33	348.34	-30.48	71.89	245.97	-168.22
		1053	10.94	83.01	-9.08	12.16	61.77	38.79	436.50	-139.30	126.32	170.87	-287.04
830	70	1050	10.84	68.48	-3.35	14.66	50.46	31.14	346.74	-286.13	-27.48	88.09	-311.12
		1051	7.97	66.62	1.46	8.12	59.96	19.74	302.62	-191.51	-9.75	120.86	-238.28
		1054	6.95	77.73	1.88	9.23	70.38	22.44	344.00	-24.23	73.75	246.01	-162.73
		1053	10.81	84.35	-8.78	12.10	63.47	38.83	432.34	-132.62	127.94	171.78	-281.63
831	3	1051	7.49	118.64	-0.13	5.83	112.68	25.94	204.04	-32.52	27.22	144.31	-102.78
		979	8.17	118.77	-1.62	0.37	116.78	15.34	147.10	-9.48	5.36	132.25	45.88
		995	11.24	129.29	-0.44	1.43	127.42	15.47	318.35	-14.15	12.35	291.85	90.05
		1054	9.59	129.24	0.18	6.69	122.73	28.24	276.61	92.73	97.53	271.81	-29.31
831	35	1051	6.90	99.76	-0.03	5.88	93.85	23.57	245.49	-92.61	11.07	141.80	-155.90
		979	7.00	98.83	-0.80	1.00	97.03	13.27	137.87	-7.31	-6.87	137.42	-8.01
		995	10.03	109.22	-0.29	1.56	107.37	14.12	300.97	-6.71	-1.48	295.74	39.78
		1054	8.54	110.40	-0.40	6.39	103.61	26.59	298.22	52.66	82.38	268.50	-80.10
831	67	1051	6.87	98.33	-0.03	5.89	92.41	23.39	248.75	-97.31	9.83	141.61	-159.99
		979	6.93	97.31	-0.74	1.04	95.53	13.11	138.82	-8.83	-7.82	137.82	-12.15
		995	9.95	107.69	-0.28	1.57	105.84	14.02	300.30	-6.80	-2.55	296.04	35.91
		1054	8.47	108.97	-0.45	6.37	102.15	26.46	300.43	49.03	81.22	268.24	-84.00
832	2	992	14.49	9.26	-129.71	-67.30	-53.15	69.12	217.31	-596.98	-523.93	144.26	-232.70
		1052	17.83	76.57	12.28	49.40	39.46	31.76	538.94	-607.80	-250.43	181.57	-531.12
		1055	31.00	217.64	-75.26	84.99	57.40	145.80	830.36	-584.20	-57.73	303.89	-683.78
		667	26.83	279.74	-106.80	279.68	-106.74	4.86	379.72	-551.04	-377.97	206.66	-362.12
832	34	992	12.42	36.95	-122.99	-68.12	-17.92	75.93	220.39	-476.35	-431.17	175.21	-171.57
		1052	15.89	87.99	21.24	45.50	63.73	32.11	539.29	-486.57	-162.15	214.87	-477.03
		1055	28.85	217.27	-65.71	70.05	81.52	141.37	829.06	-468.78	24.54	335.74	-629.99
		667	23.91	267.81	-72.10	267.68	-71.96	6.74	374.91	-436.36	-300.52	239.06	-302.91
832	66	992	12.27	39.20	-122.61	-68.18	-15.24	76.45	220.76	-467.28	-424.08	177.57	-166.89
		1052	15.75	89.11	21.69	45.21	65.58	32.14	539.29	-477.29	-155.39	217.39	-472.88
		1055	28.69	217.36	-65.09	68.92	83.35	141.04	828.94	-459.95	30.83	338.16	-625.85
		667	23.69	266.92	-69.45	266.77	-69.31	6.88	374.57	-427.61	-294.57	241.53	-298.37
833	2	1052	18.08	90.93	-15.69	55.91	19.33	50.08	525.71	-504.81	-135.92	156.82	-494.04
		1053	13.56	75.47	-20.35	14.18	40.94	46.00	491.52	-251.05	71.93	168.54	-368.13
		1056	10.15	85.80	3.29	14.24	74.85	28.00	595.91	72.81	359.47	309.26	-260.34
		1055	24.73	141.09	-75.28	15.28	50.53	106.74	807.62	-381.25	181.69	244.67	-593.60
833	34	1052	15.85	96.44	-3.37	51.25	41.82	49.69	486.03	-399.65	-90.07	176.46	-422.31
		1053	12.01	89.58	-17.25	9.55	62.79	46.31	446.43	-163.63	114.07	168.72	-303.80
		1056	9.41	105.36	1.83	10.24	96.95	28.29	555.07	147.02	392.90	309.19	-199.69
		1055	23.03	152.95	-69.07	10.71	73.16	106.53	767.68	-284.78	218.90	264.01	-525.75
833	66	1052	15.68	97.01	-2.58	50.90	43.53	49.66	482.98	-391.59	-86.55	177.94	-416.81
		1053	11.91	90.78	-17.12	9.20	64.46	46.33	442.99	-156.93	117.31	168.74	-298.85
		1056	9.37	106.91	1.67	9.94	98.64	28.32	552.06	152.59	395.47	309.19	-195.02
		1055	22.91	153.92	-68.66	10.37	74.89	106.52	764.61	-277.39	221.76	265.47	-520.54
834	4	1053	7.63	134.62	-0.02	13.57	121.03	40.57	268.84	91.53	190.26	170.11	-88.08
		1054	8.70	123.41	-4.05	3.20	116.16	29.54	220.83	138.07	144.72	214.18	22.50
		1057	12.60	136.61	-1.95	4.03	130.63	28.17	452.17	126.11	186.10	392.18	126.34
		1056	10.63	146.13	-8.75	5.78	131.59	45.16	411.97	326.74	410.94	327.77	-9.30
834	35	1053	8.52	119.29	0.21	13.38	106.12	37.35	333.45	1.34	164.02	170.78	-166.02
		1054	7.87	109.03	-3.38	3.33	102.32	26.64	246.94	97.39	114.29	230.05	-47.34
		1057	11.47	122.27	-1.14	4.33	116.80	25.41	422.94	159.84	173.56	409.23	58.48

834	67	1056	9.48	130.84	-8.22	5.91	116.72	42.01	450.18	273.33	395.00	328.52	-81.94
		1053	8.58	117.78	0.10	13.45	104.43	37.32	337.62	-4.21	162.40	171.01	-170.86
		1054	7.81	107.62	-3.19	3.57	100.87	26.52	251.11	93.57	113.12	231.56	-51.94
		1057	11.39	120.82	-1.20	4.34	115.28	25.41	422.52	161.05	172.89	410.69	54.36
835	4	1056	9.39	129.32	-8.46	5.87	114.98	42.07	453.77	269.05	394.08	328.74	-86.39
		1054	8.89	124.14	-1.51	5.84	116.79	29.49	241.21	93.76	97.24	237.72	-22.38
		995	10.38	121.12	-0.56	1.62	118.94	16.13	283.51	-20.05	5.47	258.00	84.23
		980	13.20	132.54	-0.07	2.14	130.32	17.00	425.24	-36.18	-6.20	395.26	113.74
835	36	1057	12.33	134.43	0.10	6.76	127.77	29.15	436.93	144.00	165.44	415.49	76.29
		1054	8.20	108.56	-1.47	5.73	101.36	27.22	280.55	55.56	83.97	252.15	-74.73
		995	9.64	105.41	-0.20	1.78	103.43	14.33	286.61	-8.72	-4.30	282.19	35.86
		980	12.81	116.75	-0.01	2.19	114.55	15.87	453.55	-22.80	-9.33	440.07	78.98
835	68	1057	11.40	118.84	-0.47	6.32	112.05	27.64	430.95	148.58	151.59	427.93	29.03
		1054	8.16	107.37	-1.47	5.72	100.17	27.04	284.08	52.14	82.96	253.27	-78.72
		995	9.59	104.20	-0.17	1.80	102.24	14.19	287.62	-8.58	-5.05	284.09	32.15
		980	12.78	115.54	-0.01	2.19	113.34	15.79	456.02	-22.08	-9.58	443.51	76.31
836	6	1057	11.34	117.65	-0.51	6.29	110.84	27.53	431.21	148.23	150.54	428.90	25.43
		667	48.29	751.99	4.74	569.41	187.31	321.08	489.68	-509.99	-430.22	409.90	-270.89
		1055	28.76	-37.68	-236.13	-162.33	-111.49	95.91	798.05	-711.48	-50.05	136.62	-748.98
		1058	48.30	675.93	-19.93	255.43	400.57	340.28	1407.35	-3.73	635.76	767.86	-702.44
836	38	993	31.61	-181.07	-592.31	-454.54	-318.84	194.10	32.33	-1121.21	-888.89	-200.00	-462.63
		667	44.92	724.69	21.92	551.97	194.63	302.57	506.62	-408.58	-348.12	446.16	-227.32
		1055	27.21	-31.01	-231.78	-176.04	-86.75	89.92	787.38	-615.82	26.85	144.71	-699.13
		1058	47.12	694.65	1.12	267.94	427.83	337.43	1422.63	104.51	736.66	790.47	-658.51
836	70	993	29.74	-181.34	-567.58	-444.64	-304.29	179.92	62.66	-999.57	-781.33	-155.58	-429.18
		667	44.66	722.62	23.21	550.65	195.18	301.17	507.96	-400.87	-341.84	448.93	-223.97
		1055	27.11	-30.33	-231.61	-177.07	-84.87	89.46	786.60	-608.52	32.74	145.33	-695.28
		1058	47.04	696.10	2.70	268.89	429.91	337.22	1423.86	112.71	744.39	792.18	-655.14
837	2	993	29.60	-181.36	-565.74	-443.89	-303.20	178.85	64.96	-990.26	-773.10	-152.20	-426.60
		1055	24.74	209.59	-27.23	107.08	75.28	117.34	728.03	-382.15	130.87	215.01	-553.49
		1056	12.43	88.72	-36.77	-22.20	74.15	40.20	669.57	126.58	418.85	377.30	-270.70
		1059	10.43	16.93	-6.88	16.92	-6.87	-0.50	708.90	614.96	708.78	615.07	-3.24
837	34	1058	38.70	308.25	-276.58	-264.13	295.80	84.39	1485.27	193.41	996.06	682.61	-626.63
		1055	22.76	216.75	-12.03	105.55	99.17	114.35	676.95	-303.33	163.24	210.38	-489.57
		1056	11.90	104.92	-37.85	-25.58	92.65	40.02	622.15	177.20	445.67	353.68	-217.66
		1059	10.81	21.74	12.26	20.57	13.44	-3.13	726.15	575.15	711.99	589.31	44.02
837	66	1058	38.13	332.01	-270.09	-259.45	321.37	79.30	1430.02	248.15	1002.84	675.34	-567.79
		1055	22.61	217.36	-10.94	105.44	100.99	114.13	673.04	-297.28	165.73	210.03	-484.65
		1056	11.88	106.19	-37.95	-25.83	94.07	40.01	618.71	180.90	447.74	351.87	-213.59
		1059	10.85	22.34	13.49	20.84	14.99	-3.32	728.34	571.23	712.23	587.33	47.65
838	7	1058	38.09	333.83	-269.60	-259.10	323.32	78.92	1425.81	252.34	1003.36	674.79	-563.27
		1056	10.03	153.25	-15.67	-0.05	137.63	48.94	406.88	254.15	403.97	257.05	-20.86
		1057	11.91	141.67	-4.88	-0.22	137.01	25.72	389.02	118.76	175.43	332.35	110.02
		1060	13.76	129.62	18.58	26.13	122.07	27.96	558.38	99.24	159.85	497.77	155.42
838	39	1059	15.76	170.89	-7.87	-7.51	170.52	8.07	720.39	529.91	630.13	620.17	95.11
		1056	9.25	135.25	-17.61	0.07	117.58	48.88	434.03	248.79	399.91	282.92	-71.81
		1057	11.36	123.37	-2.69	1.83	118.85	23.44	410.16	158.52	173.67	395.01	59.85
		1060	13.24	111.28	14.97	23.36	102.90	27.15	587.73	129.11	160.71	556.13	116.16
838	71	1059	15.00	150.25	-11.00	-10.53	149.77	8.76	690.82	580.68	628.55	642.95	54.60
		1056	9.26	133.90	-17.77	0.08	116.04	48.88	437.23	247.27	399.59	284.90	-75.72
		1057	11.32	121.97	-2.53	1.99	117.46	23.27	412.87	160.43	173.53	399.77	56.00
		1060	13.20	109.89	14.69	23.15	101.43	27.09	590.37	130.98	160.78	560.57	113.14
839	10	1059	14.94	148.67	-11.24	-10.76	148.19	8.81	688.70	584.45	628.44	644.70	51.49
		1057	10.94	86.85	-2.76	3.75	80.34	23.27	526.34	128.18	133.39	521.13	-45.23
		980	13.21	87.30	1.88	3.15	86.03	10.33	591.77	-9.69	-9.67	591.74	3.73
		994	15.47	104.00	-0.17	3.48	100.35	19.15	676.77	-26.80	-24.55	674.52	39.71
839	42	1060	13.69	93.22	3.66	12.05	84.83	26.10	685.95	140.52	142.05	684.41	28.87
		1057	10.85	96.28	-2.59	4.22	89.48	25.04	483.65	136.32	138.04	481.94	-24.33
		980	12.91	94.99	0.91	2.50	93.40	12.14	541.85	-11.14	-9.87	540.58	26.49
		994	15.20	111.84	0.21	3.79	108.26	19.67	630.59	-26.18	-21.19	625.61	57.00
839	74	1060	13.69	102.38	4.57	12.55	94.40	26.78	651.43	143.57	147.68	647.32	45.48
		1057	10.85	97.00	-2.57	4.26	90.17	25.17	480.51	136.88	138.39	479.00	-22.73
		980	12.89	95.57	0.83	2.45	93.95	12.27	538.17	-11.33	-9.88	536.72	28.23
		994	15.18	112.43	0.24	3.82	108.85	19.71	627.16	-26.19	-20.94	621.91	58.33
840	1	1060	13.70	103.08	4.63	12.59	95.12	26.83	648.91	143.73	148.10	644.54	46.76
		993	82.24	149.60	-435.93	-435.81	149.48	8.40	-37.54	-3828.24	-3730.06	-135.72	602.10
		1058	51.07	164.31	-115.84	157.06	-108.59	44.48	3155.19	-147.68	1773.49	1234.02	-1629.26
		926	32.55	229.15	43.36	51.15	221.35	37.25	1890.54	1108.34	1581.33	1417.55	382.43
840	33	28	128.22	343.86	-356.08	294.84	-307.07	-178.62	7425.27	467.63	4816.49	3076.41	-3368.27
		993	80.78	156.96	-430.08	-430.02	156.90	5.81	-59.18	-3765.97	-3640.10	-185.05	671.36
		1058	50.54	171.76	-102.54	163.91	-94.68	45.76	3180.38	-93.61	1861.14	1225.62	-1605.86
		926	33.48	245.31	60.04	70.32	235.02	42.42	1909.00	1045.02	1576.97	1377.05	420.27
840	65	28	126.93	360.92	-349.44	313.62	-302.13	-177.11	7314.77	504.44	4810.91	3008.30	-3283.71
		993	80.67	157.53	-429.62	-429.57	157.48	5.62	-60.65	-3761.38	-3633.22	-188.81	676.66
		1058	50.50	172.34	-101.51	164.43	-93.61	45.85	3182.39	-89.58	1867.88	1224.93	-1604.09
		926	33.55	246.56	61.30	71.79	236.08	42.80	1910.43	1040.18	1576.64	1373.97	423.16
		28	126.83	362.23	-348.92	315.05	-301.73	-177.00	7306.35	507.20	4810.45	3003.09	-3277.26

841	7	1058	31.24	102.19	-423.33	-312.66	-8.47	-214.27	1165.87	-11.25	1029.18	125.44	-377.12
		1059	23.32	298.48	41.44	51.59	288.33	50.07	902.44	581.44	775.62	708.26	156.93
		925	12.34	65.59	-41.47	53.16	-29.04	-34.30	786.32	471.60	482.66	775.26	57.95
		926	45.67	363.70	167.19	330.59	200.30	-73.55	2198.00	1941.77	2198.00	1941.77	-0.12
841	39	1058	30.52	86.05	-426.50	-315.54	-24.91	-211.09	1196.05	7.95	1032.78	171.22	-409.06
		1059	23.32	282.29	37.60	48.39	271.50	50.24	911.09	665.58	787.18	789.49	122.75
		925	13.84	55.03	-58.23	40.94	-44.14	-37.38	858.22	486.11	489.38	854.96	34.72
		926	45.26	351.33	152.15	316.16	187.32	-75.95	2198.48	1977.70	2196.99	1979.19	-18.11
841	71	1058	30.47	84.83	-426.75	-315.76	-26.16	-210.86	1198.46	9.26	1033.04	174.68	-411.53
		1059	23.32	281.05	37.30	48.14	270.21	50.25	912.06	671.71	788.06	795.71	120.12
		925	13.96	54.23	-59.52	40.01	-45.30	-37.62	863.95	487.00	489.90	861.05	32.94
		926	45.23	350.39	151.00	315.06	186.33	-76.13	2198.66	1980.27	2196.90	1982.03	-19.51
842	30	1059	12.86	77.26	-6.80	-5.64	76.10	-9.82	724.89	635.56	636.67	723.78	9.90
		1060	15.55	121.91	9.80	21.16	110.55	33.83	730.66	168.77	174.85	724.58	58.11
		924	13.02	96.78	10.69	29.35	78.12	35.47	647.26	67.45	67.85	646.87	15.08
		925	17.74	94.04	60.92	75.78	79.18	16.47	1065.10	670.75	670.82	1065.02	-5.39
842	62	1059	12.48	78.32	-7.38	-5.68	76.63	-11.93	696.63	625.99	632.09	690.53	19.84
		1060	15.04	121.27	11.30	21.69	110.87	32.17	692.63	160.22	169.08	683.77	68.10
		924	12.43	95.67	12.45	29.63	78.49	33.69	609.94	75.15	75.66	609.44	16.44
		925	17.40	93.22	59.88	75.40	77.69	16.63	1035.91	679.19	679.24	1035.86	-4.21
842	94	1059	12.45	78.41	-7.42	-5.69	76.67	-12.09	694.78	625.01	631.74	688.05	20.59
		1060	15.01	121.23	11.41	21.74	110.90	32.05	689.82	159.54	168.64	680.72	68.86
		924	12.39	95.60	12.58	29.65	78.52	33.56	607.15	75.71	76.23	606.64	16.55
		925	17.37	93.17	59.80	75.38	77.59	16.64	1033.73	679.81	679.86	1033.68	-4.11
843	2	1060	14.94	81.42	9.30	17.89	72.84	23.36	829.50	163.84	165.38	827.95	32.04
		994	16.89	84.94	-0.13	0.94	83.87	9.46	850.37	12.95	15.03	848.29	41.67
		904	18.06	151.50	-2.65	9.94	138.90	42.22	696.26	-52.37	-51.14	695.03	30.31
		924	12.48	72.14	3.45	31.56	44.03	33.78	742.27	61.57	62.40	741.44	-23.72
843	34	1060	14.33	96.27	9.90	18.78	87.39	26.23	730.04	158.00	162.39	725.65	49.93
		994	15.90	101.26	-1.23	0.60	99.43	13.56	721.52	1.04	6.15	716.41	60.46
		904	17.09	168.32	-0.61	12.51	155.20	45.21	569.89	-56.98	-54.70	567.61	37.72
		924	11.81	84.70	8.66	34.23	59.13	35.93	643.96	63.73	64.23	643.47	-16.93
843	66	1060	14.29	97.41	9.94	18.85	88.51	26.46	722.52	157.47	162.16	717.83	51.30
		994	15.82	102.50	-1.31	0.57	100.62	13.87	711.75	0.05	5.47	706.32	61.90
		904	17.02	169.60	-0.45	12.71	156.44	45.44	560.24	-57.37	-54.98	557.86	38.29
		924	11.76	85.70	9.03	34.44	60.29	36.09	636.44	63.89	64.36	635.97	-16.41
844	21	1137	9.59	26.90	-10.74	-3.99	20.15	14.44	162.58	-456.20	162.04	-455.66	-18.39
		1155	7.86	26.29	-7.81	-2.57	21.05	12.30	103.43	-373.97	99.22	-369.76	-44.63
		1101	10.71	28.27	-10.68	-7.36	24.95	10.88	45.18	-598.61	41.92	-595.35	45.71
		1152	11.40	26.35	-15.19	-9.54	20.70	14.24	88.44	-627.87	85.98	-625.41	41.91
844	53	1137	8.85	21.65	-8.97	-3.35	16.03	11.86	155.01	-428.17	154.44	-427.61	-18.10
		1155	7.12	20.68	-6.37	-1.96	16.27	9.99	95.75	-348.46	91.29	-344.00	-44.28
		1101	10.06	22.73	-8.10	-5.68	20.30	8.29	46.44	-571.99	43.46	-569.01	42.84
		1152	10.73	21.21	-11.88	-7.52	16.84	11.20	88.25	-599.34	86.00	-597.10	39.23
844	85	1137	8.80	21.26	-8.84	-3.30	15.72	11.66	154.45	-426.14	153.89	-425.57	-18.07
		1155	7.06	20.26	-6.26	-1.92	15.91	9.82	95.19	-346.60	90.71	-342.13	-44.25
		1101	10.01	22.31	-7.91	-5.55	19.96	8.10	46.54	-570.05	43.58	-567.09	42.63
		1152	10.68	20.83	-11.64	-7.37	16.56	10.98	88.23	-597.27	86.00	-595.04	39.03
845	17	1084	15.96	-9.28	-35.08	-12.27	-32.08	8.26	36.27	-954.34	33.56	-951.63	51.72
		1129	14.67	0.59	-18.26	-8.97	-8.70	9.43	76.10	-922.59	75.99	-922.48	10.46
		1128	16.27	5.33	-20.33	-7.98	-7.03	12.82	20.68	-1057.85	19.63	-1056.80	33.66
		1067	17.56	-6.86	-38.32	-11.88	-33.31	11.52	-23.60	-1082.46	-26.84	-1079.22	58.47
845	49	1084	14.59	-5.13	-25.54	-9.29	-21.38	8.22	31.56	-896.18	28.85	-893.47	50.06
		1129	13.58	4.18	-14.80	-7.13	-3.49	9.31	71.33	-865.10	71.24	-865.00	9.62
		1128	15.21	5.22	-15.36	-6.74	-3.40	10.15	17.61	-1000.11	16.55	-999.05	32.78
		1067	16.18	-4.65	-27.67	-9.33	-22.98	9.27	-26.53	-1024.01	-29.77	-1020.77	56.75
845	81	1084	14.49	-4.79	-24.86	-9.07	-20.59	8.22	31.20	-891.93	28.49	-889.22	49.95
		1129	13.53	4.46	-14.55	-6.99	-3.10	9.30	70.97	-860.89	70.87	-860.79	9.56
		1128	15.13	5.22	-14.99	-6.65	-3.13	9.95	17.37	-995.89	16.31	-994.83	32.73
		1067	16.08	-4.48	-26.89	-9.14	-22.22	9.10	-26.76	-1019.74	-30.00	-1016.50	56.63
846	1	1091	24.56	25.41	-33.30	24.85	-32.73	-5.72	1765.08	1362.37	1452.55	1674.90	-167.88
		1135	17.38	28.34	-15.77	-14.35	26.91	7.79	1250.38	888.03	928.83	1209.59	-114.53
		983	16.34	54.27	-62.04	-3.74	-4.02	-58.16	997.67	465.65	696.67	766.65	263.70
		46	44.31	80.23	-74.21	-38.69	44.71	64.99	3097.71	1319.69	2471.07	1946.34	-849.41
846	33	1091	24.04	21.68	-31.21	21.64	-31.17	-1.48	1721.03	1300.36	1347.64	1673.75	-132.87
		1135	17.49	34.32	-20.34	-16.82	30.80	13.42	1258.58	805.90	832.75	1231.73	-106.92
		983	15.68	50.46	-51.96	-2.39	0.89	-51.18	965.41	353.98	544.83	774.56	283.32
		46	42.19	86.09	-73.81	-34.81	47.09	68.67	2945.60	1304.86	2311.42	1939.03	-798.96
846	65	1091	24.00	21.42	-31.08	21.39	-31.05	-1.17	1718.45	1294.88	1339.67	1673.67	-130.24
		1135	17.50	34.79	-20.71	-17.01	31.09	13.85	1259.52	799.35	825.43	1233.45	-106.38
		983	15.64	50.17	-51.19	-2.28	1.26	-50.65	963.64	344.83	533.25	775.22	284.77
		46	42.03	86.54	-73.79	-34.51	47.26	68.96	2934.24	1303.51	2299.27	1938.49	-795.16
847	25	1115	11.32	23.52	-27.35	-10.76	6.93	-23.85	730.93	30.01	32.96	727.98	45.36
		1070	13.67	64.99	2.13	2.13	64.99	0.40	696.23	-3.74	-3.67	696.16	-6.72
		1092	15.66	58.39	1.13	1.57	57.96	4.97	850.02	-6.56	-6.40	849.86	-11.94
		1134	15.04	43.00	4.93	8.51	39.42	11.10	894.71	24.92	24.92	894.71	0.52
847	57	1115	10.99	20.16	-12.29	-5.06	12.93	-13.50	701.06	28.12	31.99	697.20	50.84

		1070	12.07	40.80	0.97	0.97	40.80	-0.09	668.62	-3.96	-3.95	668.61	-1.61
		1092	14.04	33.93	0.61	0.70	33.84	1.73	821.73	-5.93	-5.89	821.69	-5.41
		1134	14.10	28.75	3.54	3.96	28.33	3.24	863.68	24.75	24.82	863.61	7.68
847	89	1115	10.97	19.97	-11.23	-4.64	13.38	-12.74	698.91	27.98	31.91	694.98	51.25
		1070	11.96	39.02	0.88	0.88	39.02	-0.13	666.64	-3.98	-3.97	666.64	-1.23
		1092	13.93	32.14	0.56	0.63	32.06	1.49	819.70	-5.88	-5.85	819.67	-4.93
		1134	14.03	27.80	3.34	3.63	27.50	2.66	861.44	24.73	24.81	861.36	8.21
848	19	1135	19.02	71.11	2.06	40.70	32.46	34.28	1334.34	564.32	564.44	1334.22	9.88
		1132	16.92	1.95	-17.90	1.60	-17.55	2.60	1146.23	181.25	183.84	1143.64	-49.93
		982	17.44	49.96	8.79	9.15	49.61	3.80	1076.07	141.43	145.87	1071.63	-64.28
		983	20.92	15.87	-64.14	-21.47	-26.80	39.91	1457.86	562.50	573.27	1447.09	-97.60
848	51	1135	18.06	68.68	5.09	37.43	36.35	31.79	1246.14	560.42	561.08	1245.48	21.27
		1132	15.47	-0.62	-12.21	-1.08	-11.75	2.26	1071.69	182.92	184.50	1070.12	-37.39
		982	16.64	56.63	9.55	9.73	56.45	2.95	1000.96	146.16	148.62	998.49	-45.83
		983	19.49	13.29	-55.88	-22.02	-20.57	34.57	1381.31	606.46	619.60	1368.17	-100.04
848	83	1135	17.99	68.52	5.30	37.19	36.63	31.61	1239.64	560.14	560.86	1238.92	22.11
		1132	15.36	-0.81	-11.82	-1.28	-11.35	2.23	1066.21	183.07	184.58	1064.71	-36.47
		982	16.58	57.10	9.59	9.77	56.93	2.87	995.44	146.52	148.85	993.11	-44.46
		983	19.39	13.09	-55.28	-22.07	-20.12	34.18	1375.68	609.68	623.02	1362.34	-100.20
849	19	1129	15.09	5.93	-13.13	-6.32	-0.88	9.13	70.66	-960.43	70.12	-959.89	23.65
		1150	14.95	18.56	-8.74	-3.21	13.04	10.97	64.02	-912.44	64.00	-912.42	4.62
		1149	16.92	16.89	-7.03	-3.78	13.63	8.20	28.26	-1063.59	26.89	-1062.22	38.65
		1128	16.73	-0.21	-12.82	-7.03	-5.99	6.29	17.19	-1095.17	14.96	-1092.94	49.69
849	51	1129	13.95	6.89	-12.58	-5.99	0.29	9.21	67.46	-882.42	67.03	-881.98	20.33
		1150	13.77	16.91	-8.35	-3.63	12.19	9.84	60.38	-837.58	60.38	-837.57	1.76
		1149	15.74	15.63	-6.69	-3.79	12.73	7.50	25.58	-988.71	24.39	-987.51	34.82
		1128	15.41	2.67	-11.89	-6.39	-2.84	7.06	15.10	-1017.16	13.10	-1015.17	45.31
849	83	1129	13.86	6.95	-12.55	-5.97	0.37	9.22	67.22	-876.68	66.80	-876.25	20.08
		1150	13.69	16.79	-8.33	-3.67	12.13	9.76	60.11	-832.07	60.11	-832.07	1.54
		1149	15.65	15.54	-6.67	-3.80	12.67	7.45	25.39	-983.20	24.20	-982.02	34.53
		1128	15.32	2.88	-11.84	-6.34	-2.61	7.12	14.94	-1011.42	12.97	-1009.44	44.98
850	21	1150	14.68	22.01	-10.76	-3.01	14.27	13.92	58.67	-880.17	50.55	-872.05	-86.91
		1102	14.88	33.45	-3.47	-0.51	30.49	10.03	31.04	-865.25	24.99	-859.20	-73.40
		1103	17.11	37.68	-4.49	-0.98	34.17	11.64	20.19	-1007.68	16.86	-1004.36	-58.40
		1149	16.70	22.84	-11.43	-3.91	15.32	14.19	27.87	-1030.32	23.65	-1026.10	-66.67
850	53	1150	13.63	18.51	-9.42	-2.66	11.75	11.96	56.41	-822.20	48.87	-814.66	-81.03
		1102	13.66	26.77	-3.48	-0.61	23.90	8.86	28.76	-808.08	23.21	-802.53	-67.92
		1103	15.89	30.47	-3.20	-0.78	28.05	8.69	17.00	-950.77	14.07	-947.84	-53.15
		1149	15.62	18.47	-8.84	-3.15	12.78	11.09	24.79	-972.67	21.04	-968.92	-61.04
850	85	1150	13.55	18.25	-9.32	-2.63	11.56	11.82	56.24	-817.95	48.75	-810.46	-80.59
		1102	13.57	26.27	-3.48	-0.62	23.41	8.77	28.59	-803.89	23.07	-798.38	-67.52
		1103	15.80	29.94	-3.10	-0.76	27.60	8.47	16.77	-946.60	13.87	-943.70	-52.76
		1149	15.54	18.14	-8.64	-3.09	12.59	10.86	24.56	-968.44	20.84	-964.73	-60.62
851	10	1147	16.58	24.60	-4.15	-4.14	24.60	-0.50	-28.45	-1030.29	-28.45	-1030.28	-2.52
		1106	17.91	53.81	5.77e-03	0.18	53.63	-3.05	-12.42	-1021.98	-12.47	-1021.93	-7.23
		1107	17.38	54.83	0.45	0.46	54.82	0.73	-11.25	-982.56	-11.28	-982.53	-5.69
		1141	16.03	26.34	-3.74	-3.55	26.15	2.37	-27.03	-988.78	-27.03	-988.77	2.62
851	42	1147	16.55	18.76	-3.24	-3.23	18.75	0.57	-23.77	-1047.11	-24.09	-1046.78	18.30
		1106	17.61	41.80	-0.23	-0.18	41.75	-1.43	-7.92	-1038.24	-8.09	-1038.07	13.13
		1107	17.06	42.59	9.61e-03	0.01	42.59	-0.21	-7.54	-998.91	-7.76	-998.69	14.80
		1141	15.96	19.72	-2.86	-2.81	19.67	1.04	-23.09	-1005.72	-23.65	-1005.16	23.49
851	74	1147	16.54	18.33	-3.18	-3.16	18.31	0.65	-23.39	-1048.39	-23.77	-1048.01	19.84
		1106	17.58	40.88	-0.25	-0.21	40.83	-1.31	-7.56	-1039.47	-7.77	-1039.27	14.64
		1107	17.03	41.65	-0.03	-0.02	41.65	-0.28	-7.24	-1000.15	-7.51	-999.89	16.32
		1141	15.96	19.22	-2.79	-2.75	19.18	0.94	-22.77	-1007.01	-23.41	-1006.38	25.05
852	20	1126	17.56	13.17	-5.05	-1.29	9.41	7.38	-75.59	-1167.65	-82.60	-1160.64	-87.25
		1151	17.77	18.19	-4.88	-1.48	14.78	8.18	-49.26	-1150.30	-57.16	-1142.40	-92.95
		1147	17.26	8.19	-3.16	-2.65	7.68	-2.35	-57.97	-1150.93	-64.58	-1144.32	-84.73
		1125	17.40	9.83	-1.67	-1.24	9.40	2.19	-84.74	-1165.24	-90.56	-1159.42	-79.10
852	52	1126	16.62	6.59	-6.47	-3.06	3.18	5.74	-57.09	-1117.77	-58.07	-1116.79	-32.22
		1151	17.06	16.02	-3.80	-1.96	14.18	5.75	-31.28	-1100.18	-32.67	-1098.79	-38.49
		1147	16.83	10.79	-2.44	-2.44	10.79	-0.08	-39.59	-1101.69	-40.44	-1100.84	-30.11
		1125	16.50	3.85	-3.71	-2.91	3.05	2.32	-65.84	-1116.25	-66.39	-1115.71	-23.87
852	84	1126	16.55	6.11	-6.58	-3.19	2.72	5.62	-55.51	-1114.31	-56.26	-1113.56	-28.18
		1151	17.02	15.87	-3.73	-2.00	14.13	5.57	-29.75	-1096.69	-30.86	-1095.57	-34.49
		1147	16.80	11.01	-2.43	-2.43	11.01	0.09	-38.01	-1098.27	-38.66	-1097.63	-26.09
		1125	16.44	3.43	-3.88	-3.04	2.59	2.33	-64.23	-1112.86	-64.60	-1112.48	-19.82
853	22	1106	17.76	28.56	-0.62	-0.61	28.55	0.62	-40.53	-1108.46	-50.30	-1098.69	-101.67
		1097	20.55	45.50	-0.09	-0.08	45.49	-0.73	52.05	-1191.25	51.86	-1191.05	-15.49
		1074	20.02	46.48	-0.08	-0.05	46.45	-1.24	52.39	-1152.80	52.22	-1152.63	-14.41
		1107	19.14	29.58	0.02	0.05	29.55	-1.02	45.29	-1154.65	44.89	-1154.24	-22.05
853	54	1106	17.48	29.84	-0.60	-0.58	29.82	0.73	-23.48	-1076.66	-25.47	-1074.67	-45.72
		1097	19.30	47.31	0.04	0.06	47.30	-0.81	25.99	-1115.99	25.98	-1115.99	-2.40
		1074	18.77	48.24	0.05	0.07	48.22	-1.01	26.18	-1077.58	26.18	-1077.58	-1.02
		1107	17.87	30.62	-0.26	-0.25	30.61	-0.58	18.80	-1079.57	18.73	-1079.50	-8.73
853	86	1106	17.47	29.92	-0.60	-0.58	29.91	0.75	-21.99	-1074.55	-23.64	-1072.90	-41.60
		1097	19.21	47.43	0.05	0.07	47.41	-0.82	24.08	-1110.47	24.08	-1110.47	-1.43

		1074	18.68	48.35	0.06	0.08	48.33	-0.99	24.27	-1072.06	24.27	-1072.06	-0.04
		1107	17.78	30.68	-0.28	-0.27	30.67	-0.55	16.86	-1074.05	16.80	-1074.00	-7.75
854	20	1064	14.28	2.59	-1.64	-1.38	2.33	1.02	-14.89	-949.47	-15.25	-949.12	18.21
		1122	14.86	10.99	-5.19	-4.58	10.38	3.08	24.00	-936.68	22.97	-935.65	31.47
		1121	12.60	12.49	-1.13	-0.85	12.21	-1.93	54.89	-768.00	52.90	-766.01	40.50
		1088	12.04	4.76	-2.48	-1.20	3.48	-2.77	17.22	-779.76	16.80	-779.34	18.25
854	52	1064	13.40	-3.28	-8.22	-3.40	-8.10	-0.76	-37.12	-889.97	-37.76	-889.34	23.21
		1122	13.47	3.83	-4.01	-4.00	3.82	-0.23	2.34	-877.28	0.80	-875.74	36.78
		1121	11.22	6.18	-3.38	-2.00	4.80	-3.36	33.86	-709.00	30.97	-706.11	46.22
		1088	11.04	-1.17	-8.75	-2.91	-7.01	-3.18	-4.67	-720.37	-5.46	-719.58	23.69
854	84	1064	13.36	-3.40	-9.01	-3.55	-8.87	-0.89	-38.74	-885.59	-39.39	-884.93	23.57
		1122	13.37	3.37	-3.99	-3.96	3.34	-0.47	0.77	-872.91	-0.81	-871.32	37.16
		1121	11.12	5.78	-3.60	-2.08	4.26	-3.46	32.34	-704.66	29.38	-701.70	46.63
		1088	11.00	-1.41	-9.41	-3.03	-7.79	-3.21	-6.26	-715.99	-7.07	-715.18	24.08
855	10	1109	15.30	51.75	-2.68	-1.93	51.00	-6.35	-4.00	-850.12	-4.68	-849.45	-23.85
		1073	16.69	80.71	0.90	1.12	80.49	-4.20	-3.37	-849.38	-4.60	-848.15	-32.22
		1095	13.39	77.97	1.67	1.67	77.96	0.79	16.35	-627.58	16.15	-627.38	-11.29
		1110	12.79	49.92	-1.22	-1.12	49.83	-2.22	13.51	-678.65	12.68	-677.81	-24.09
855	42	1109	14.41	40.77	-1.54	-1.13	40.36	-4.15	-0.53	-824.41	-0.68	-824.27	-10.90
		1073	15.49	63.39	0.53	0.61	63.32	-2.23	-0.05	-822.88	-0.49	-822.44	-19.01
		1095	12.49	60.66	0.86	0.86	60.66	0.19	8.84	-627.50	8.76	-627.42	-7.05
		1110	11.87	39.54	-0.87	-0.71	39.37	-2.57	10.63	-653.64	10.53	-653.55	-8.04
855	74	1109	14.34	39.92	-1.46	-1.07	39.54	-3.98	-0.26	-822.54	-0.39	-822.42	-9.95
		1073	15.40	62.07	0.50	0.57	61.99	-2.08	0.20	-820.95	-0.19	-820.55	-18.04
		1095	12.42	59.33	0.80	0.80	59.33	0.14	8.28	-627.49	8.21	-627.42	-6.73
		1110	11.80	38.74	-0.85	-0.67	38.57	-2.60	10.44	-651.84	10.37	-651.76	-6.86
856	18	1089	5.04	8.28	-12.71	0.60	-5.03	-10.11	117.02	-248.06	114.60	-245.65	29.59
		1119	5.94	9.58	-8.24	-3.02	4.35	-8.11	146.67	-258.52	126.73	-238.58	87.64
		1118	4.66	11.34	-7.67	-2.68	6.35	-8.37	274.12	15.76	223.52	66.35	102.53
		1062	3.78	13.83	-12.09	3.75	-2.01	-12.63	263.39	69.16	261.70	70.85	18.06
856	50	1089	4.81	3.98	-13.74	-0.24	-9.52	-7.55	116.52	-219.41	114.12	-217.01	28.30
		1119	5.36	7.74	-7.64	-1.55	1.64	-7.52	145.28	-230.07	124.88	-209.66	85.11
		1118	4.33	8.91	-6.51	-0.20	2.60	-7.58	274.84	40.85	220.43	95.26	98.85
		1062	3.63	8.08	-12.16	2.94	-7.03	-8.81	261.63	97.84	260.13	99.34	15.62
856	82	1089	4.79	3.69	-13.83	-0.30	-9.83	-7.35	116.45	-217.31	114.05	-214.91	28.23
		1119	5.32	7.62	-7.60	-1.44	1.46	-7.47	145.16	-227.99	124.71	-207.54	84.94
		1118	4.31	8.76	-6.45	-0.02	2.33	-7.51	274.91	42.62	220.16	97.38	98.59
		1062	3.62	7.70	-12.20	2.89	-7.38	-8.52	261.47	99.93	259.97	101.42	15.46
857	10	1146	11.76	28.25	-4.85	-2.11	25.52	-9.11	16.01	-682.67	15.27	-681.93	22.76
		1110	12.52	49.46	-1.62	0.47	47.38	-10.11	8.96	-670.98	8.96	-670.98	0.32
		1111	9.30	46.31	-0.03	1.00	45.28	-6.84	28.66	-454.19	28.59	-454.12	5.82
		1145	8.83	27.62	-2.62	-0.87	25.87	-7.06	55.51	-466.57	53.66	-464.72	31.04
857	42	1146	11.15	21.40	-3.78	-1.75	19.37	-6.86	17.56	-663.01	15.82	-661.27	34.40
		1110	11.76	39.34	-0.98	0.16	38.20	-6.67	9.82	-650.24	9.61	-650.02	11.85
		1111	8.52	36.50	-0.38	0.46	35.66	-5.51	24.24	-434.91	23.36	-434.03	20.03
		1145	8.22	20.86	-2.81	-0.92	18.97	-6.42	52.01	-449.31	47.83	-445.14	45.55
857	74	1146	11.11	20.88	-3.69	-1.72	18.91	-6.68	17.69	-661.58	15.86	-659.74	35.26
		1110	11.71	38.56	-0.93	0.13	37.50	-6.41	9.90	-648.73	9.65	-648.48	12.70
		1111	8.46	35.74	-0.41	0.42	34.91	-5.41	23.94	-433.53	22.97	-432.56	21.07
		1145	8.18	20.36	-2.83	-0.92	18.45	-6.37	51.79	-448.08	47.40	-443.70	46.62
858	4	1118	4.47	19.31	-4.38	-0.33	15.26	8.91	263.41	48.99	168.93	143.47	106.45
		1144	4.77	31.75	-2.64	-8.19e-03	29.11	9.15	219.10	-4.07	73.14	141.89	106.16
		1139	8.75	33.27	-5.18	-1.23	29.31	11.68	493.90	62.75	95.37	461.27	114.03
		1117	8.12	20.97	-5.88	0.10	15.00	11.17	544.51	224.79	274.27	495.02	115.64
858	36	1118	3.75	7.13	0.69	0.76	7.05	0.70	265.01	57.69	191.31	131.39	99.24
		1144	3.73	19.45	0.52	0.55	19.41	0.86	217.13	10.65	95.72	132.07	101.63
		1139	7.65	19.65	-0.14	0.31	19.20	2.95	485.61	91.08	124.78	451.91	110.26
		1117	7.31	7.97	1.27	2.60	6.65	2.67	535.52	252.07	303.65	483.94	109.36
858	72	1118	3.70	6.33	0.80	0.80	6.33	0.02	265.63	58.71	193.24	131.11	98.69
		1144	3.65	18.58	0.51	0.51	18.58	0.16	217.53	12.08	97.66	131.95	101.29
		1139	7.57	18.58	0.09	0.36	18.30	2.24	485.58	93.47	127.22	451.82	109.98
		1117	7.26	6.86	1.82	2.80	5.88	1.99	535.42	254.40	306.10	483.73	108.88
859	3	1132	16.81	44.57	2.85	11.81	35.60	17.14	1092.07	184.45	184.46	1092.06	2.88
		1134	16.44	49.71	3.23	12.46	40.48	18.54	979.94	4.91	4.98	979.86	-8.77
		981	17.44	63.63	7.63	16.39	54.87	20.34	1013.52	25.69	25.80	1013.41	-10.48
		982	17.68	47.01	0.07	3.53	43.55	12.27	1124.04	191.64	193.19	1122.49	-38.00
859	35	1132	15.58	32.88	3.98	7.41	29.45	9.35	1026.84	184.91	185.00	1026.74	8.85
		1134	14.75	29.72	3.60	5.54	27.78	6.85	906.05	12.70	12.81	905.94	-10.02
		981	15.61	41.90	7.73	10.19	39.44	8.82	935.23	20.94	21.09	935.09	-11.60
		982	16.11	34.22	2.18	4.48	31.91	8.28	1056.28	188.25	189.63	1054.90	-34.59
859	67	1132	15.48	32.03	4.01	7.08	28.96	8.75	1021.95	184.97	185.07	1021.85	9.28
		1134	14.63	28.35	3.49	5.02	26.82	5.97	900.48	13.29	13.40	900.37	-10.12
		981	15.47	40.35	7.65	9.72	38.28	7.96	929.35	20.60	20.75	929.20	-11.70
		982	15.99	33.23	2.33	4.55	31.02	7.97	1051.21	188.01	189.38	1049.84	-34.36
860	23	1117	8.43	8.93	-9.64	7.40	-8.11	-5.11	614.48	301.38	341.54	574.32	104.69
		1139	8.20	8.16	-11.54	2.99	-6.37	-8.66	560.24	135.12	160.42	534.94	100.57
		1138	11.92	5.80	-9.58	2.05	-5.83	-6.60	833.28	159.24	167.49	825.04	74.09

		1116	13.17	14.93	-12.62	14.90	-12.60	-0.78	966.13	449.74	464.17	951.70	85.10
860	55	1117	7.69	7.72	-6.18	5.66	-4.12	-4.94	570.19	287.96	334.53	523.62	104.75
		1139	7.20	9.29	-4.31	2.55	2.43	-6.80	518.86	126.09	155.13	489.82	102.77
		1138	10.98	6.91	-1.33	1.69	3.90	-3.97	790.67	156.02	165.94	780.75	78.72
		1116	12.27	11.60	-7.35	11.57	-7.33	-0.67	918.76	444.00	460.80	901.96	87.70
860	81	1117	7.71	10.01	-10.34	6.05	-6.38	-8.05	557.86	295.30	344.66	508.49	102.59
		1139	7.11	11.95	-6.55	3.26	2.13	-9.24	507.18	135.26	165.63	476.81	101.84
		1138	10.67	9.34	-3.25	2.77	3.32	-6.29	778.26	168.92	179.24	767.94	78.64
		1116	12.21	12.81	-9.99	12.20	-9.38	-3.67	904.62	456.35	473.71	887.26	86.48
861	17	1114	7.77	27.40	-16.16	-7.19	18.43	-17.61	472.60	31.18	39.75	464.03	60.90
		1093	10.05	66.88	1.92	1.92	66.88	0.29	450.59	0.04	0.11	450.52	-5.62
		1070	13.39	61.13	0.85	1.18	60.80	4.43	688.32	-6.76	-6.71	688.27	-6.01
		1115	10.62	8.02	-5.37	0.64	2.02	-6.66	718.24	26.92	29.80	715.36	44.59
861	49	1114	7.35	23.13	-7.48	-3.25	18.90	-10.56	447.59	27.73	37.81	437.51	64.27
		1093	8.61	44.86	0.88	0.88	44.86	-0.12	425.28	-1.57	-1.57	425.28	-1.26
		1070	11.92	38.94	0.51	0.59	38.86	1.72	663.23	-5.68	-5.68	663.23	-1.20
		1115	10.67	12.88	-2.02	0.22	10.64	-5.33	692.73	27.05	30.60	689.18	48.51
861	81	1114	7.33	22.84	-6.88	-2.97	18.93	-10.04	445.79	27.47	37.67	435.59	64.52
		1093	8.51	43.24	0.81	0.81	43.24	-0.15	423.46	-1.70	-1.69	423.46	-0.94
		1070	11.81	37.31	0.48	0.54	37.25	1.52	661.42	-5.60	-5.60	661.42	-0.84
		1115	10.68	13.34	-1.89	0.19	11.26	-5.23	690.89	27.05	30.66	687.29	48.80
862	4	1144	4.44	29.52	-0.86	0.70	27.95	6.72	220.17	12.92	90.55	142.54	100.31
		1113	2.69	4.77	-6.28	-4.22	2.70	-4.31	166.72	-12.64	11.55	142.53	61.28
		1114	6.90	6.85	-10.46	-7.82	4.21	-6.22	439.77	-1.40	7.68	430.69	62.63
		1139	8.35	30.64	-0.81	1.31	28.52	7.88	494.08	91.82	124.52	461.37	109.94
862	57	1144	3.70	12.50	-6.72	1.74	4.04	-9.54	220.76	33.24	120.20	133.81	93.51
		1113	2.89	24.08	-4.85	-0.87	20.10	-9.96	163.21	16.96	41.77	138.40	54.89
		1114	7.60	28.82	5.30	5.30	28.82	0.14	434.83	30.25	38.91	426.17	58.55
		1139	6.77	9.53	-6.77	-0.16	2.93	-8.00	486.13	121.95	155.59	452.50	105.44
862	89	1144	3.67	12.53	-6.26	1.65	4.63	-9.28	220.13	32.30	119.75	132.68	93.69
		1113	2.89	23.89	-4.46	-0.78	20.21	-9.53	162.37	16.23	41.32	137.28	55.11
		1114	7.55	28.02	4.86	4.86	28.01	-0.26	433.80	29.83	38.57	425.07	58.77
		1139	6.72	9.73	-6.19	-0.03	3.58	-7.75	485.21	121.43	155.24	451.40	105.62
863	17	1090	8.96	17.47	-26.29	13.76	-22.58	-12.20	598.08	536.66	551.52	583.21	-26.31
		1117	8.64	15.39	-19.50	10.73	-14.84	-11.88	600.20	359.96	406.15	554.02	94.67
		1116	13.41	15.34	-24.05	12.40	-21.10	-10.37	952.25	535.22	551.12	936.34	79.87
		1061	15.44	25.48	-21.66	23.66	-19.84	-9.08	1098.93	915.35	946.87	1067.41	-69.23
863	49	1090	8.21	12.37	-18.41	9.67	-15.71	-8.71	549.03	507.53	515.38	541.17	-16.26
		1117	7.84	12.07	-10.87	8.60	-7.41	-8.21	567.16	320.10	372.68	514.58	101.12
		1116	12.51	10.32	-14.26	8.51	-12.45	-6.43	914.82	487.22	506.61	895.43	88.95
		1061	14.68	18.55	-13.92	17.48	-12.85	-5.79	1045.68	877.35	899.56	1023.48	-56.96
863	81	1090	8.15	12.00	-17.82	9.37	-15.20	-8.45	545.46	505.36	512.70	538.12	-15.51
		1117	7.78	11.82	-10.24	8.45	-6.87	-7.94	564.76	317.15	370.20	511.71	101.59
		1116	12.44	9.95	-13.54	8.22	-11.81	-6.14	912.10	483.65	503.29	892.45	89.61
		1061	14.62	18.04	-13.35	17.03	-12.34	-5.55	1041.83	874.49	896.04	1020.28	-56.06
864	20	1063	8.17	2.72	-0.86	-0.72	2.58	-0.68	20.24	-523.88	16.11	-519.76	47.21
		1120	8.93	11.34	-3.96	-3.92	11.29	0.83	60.54	-519.92	48.47	-507.84	82.84
		1119	6.24	15.42	0.47	1.29	14.60	-3.41	137.39	-279.77	113.26	-255.64	97.39
		1089	5.37	8.83	-2.90	-0.21	6.14	-4.93	106.91	-264.71	102.01	-259.81	42.39
864	52	1063	7.75	-0.73	-8.00	-1.99	-6.75	-2.75	24.91	-487.05	22.01	-484.15	38.40
		1120	8.11	5.53	-3.79	-2.85	4.59	-2.80	63.72	-481.83	53.39	-471.50	74.37
		1119	5.48	9.45	-2.60	0.35	6.50	-5.18	141.26	-239.89	119.71	-218.34	88.03
		1089	4.60	2.98	-7.77	-0.65	-4.14	-5.08	112.77	-226.49	109.57	-223.30	32.79
864	84	1063	7.75	-0.81	-8.71	-2.08	-7.43	-2.91	25.24	-484.36	22.43	-481.55	37.76
		1120	8.05	5.27	-3.94	-2.77	4.10	-3.07	63.94	-479.05	53.73	-468.84	73.75
		1119	5.42	9.11	-2.91	0.28	5.91	-5.31	141.53	-236.97	120.17	-215.60	87.35
		1089	4.60	2.72	-8.31	-0.68	-4.90	-5.09	113.20	-223.71	110.11	-220.62	32.09
865	21	1113	3.24	28.55	-16.46	-6.59	18.68	-18.62	180.23	21.81	41.40	160.65	52.14
		1071	5.66	67.11	1.44	1.51	67.05	-2.01	158.57	5.08	5.45	158.21	-7.48
		1093	9.60	61.75	1.27	1.36	61.66	2.29	436.08	-0.85	-0.81	436.04	-4.29
		1114	6.65	9.75	-5.86	0.70	3.19	-7.70	455.04	30.76	38.28	447.52	55.99
865	53	1113	2.98	24.69	-7.52	-2.96	20.13	-11.23	165.60	13.78	37.70	141.68	55.31
		1071	4.45	47.91	0.68	0.72	47.87	-1.34	139.16	1.56	1.66	139.05	-3.79
		1093	8.37	42.46	0.65	0.66	42.45	0.71	416.61	-2.30	-2.30	416.61	-0.88
		1114	6.83	14.38	-2.19	0.40	11.78	-6.03	437.28	27.98	36.69	428.57	59.07
865	85	1113	2.97	24.44	-6.91	-2.70	20.23	-10.69	164.58	13.18	37.44	140.31	55.54
		1071	4.37	46.49	0.63	0.67	46.46	-1.29	137.76	1.30	1.39	137.67	-3.53
		1093	8.28	41.04	0.60	0.61	41.03	0.59	415.20	-2.41	-2.40	415.20	-0.64
		1114	6.84	14.82	-2.03	0.38	12.40	-5.90	436.00	27.78	36.58	427.20	59.29
866	20	1125	17.43	12.31	-3.52	-0.99	9.78	5.80	-84.15	-1163.38	-89.94	-1157.58	-78.86
		1147	17.67	17.11	-4.36	-1.69	14.44	7.08	-57.40	-1149.37	-64.04	-1142.73	-84.90
		1141	17.19	19.63	-0.57	-0.48	19.54	1.36	-57.34	-1107.11	-63.34	-1101.11	-79.12
		1124	16.72	10.04	-1.17	-1.05	9.92	1.16	-84.18	-1119.24	-89.24	-1114.18	-72.17
866	52	1125	16.50	5.21	-4.77	-2.80	3.25	3.97	-65.55	-1115.35	-66.08	-1114.82	-23.62
		1147	16.99	15.00	-3.07	-2.00	13.94	4.25	-39.32	-1100.85	-40.18	-1099.99	-30.11
		1141	16.46	16.55	-1.37	-1.34	16.53	0.69	-39.29	-1058.94	-39.86	-1058.36	-24.12
		1124	15.84	3.42	-2.82	-2.70	3.31	0.84	-65.49	-1071.69	-65.76	-1071.41	-16.73

866	84	1125	16.44	4.70	-4.86	-2.93	2.77	3.84	-63.96	-1112.03	-64.32	-1111.66	-19.56
		1147	16.95	14.87	-2.99	-2.03	13.90	4.04	-37.77	-1097.48	-38.41	-1096.84	-26.08
		1141	16.41	16.33	-1.43	-1.40	16.31	0.64	-37.73	-1055.61	-38.13	-1055.21	-20.08
		1124	15.78	2.93	-2.94	-2.83	2.82	0.81	-63.87	-1068.42	-64.03	-1068.26	-12.66
867	22	1108	17.49	27.15	-0.75	-0.60	27.00	-2.02	39.88	-1054.68	39.54	-1054.34	-19.30
		1096	18.33	43.90	-0.23	-0.20	43.87	-1.02	43.24	-1053.78	42.82	-1053.36	-21.51
		1073	16.33	42.43	-0.04	0.01	42.38	-1.50	44.76	-924.88	44.25	-924.38	-22.05
		1109	15.56	27.17	3.52e-03	0.51	26.66	-3.68	45.75	-926.50	45.37	-926.12	-19.25
867	54	1108	16.44	29.51	-0.61	-0.52	29.42	-1.65	17.48	-988.35	17.42	-988.29	-7.86
		1096	17.31	46.86	-0.02	-7.61e-03	46.84	-0.88	21.83	-986.85	21.74	-986.75	-9.94
		1073	15.30	45.30	0.06	0.09	45.28	-1.06	22.27	-858.09	22.18	-857.99	-9.22
		1109	14.51	29.10	-0.27	0.02	28.80	-2.91	22.57	-860.26	22.52	-860.21	-6.70
867	86	1108	16.36	29.67	-0.60	-0.51	29.59	-1.62	15.84	-983.47	15.80	-983.42	-7.02
		1096	17.23	47.06	-0.01	5.97e-03	47.04	-0.87	20.27	-981.93	20.19	-981.84	-9.09
		1073	15.22	45.49	0.07	0.09	45.47	-1.03	20.63	-853.18	20.55	-853.10	-8.28
		1109	14.44	29.23	-0.29	-0.01	28.95	-2.85	20.88	-855.40	20.84	-855.36	-5.77
868	22	1123	16.70	5.52	-2.81	-2.39	5.10	-1.82	11.39	-1086.32	10.93	-1085.86	22.49
		1140	17.52	23.05	-0.94	-0.75	22.86	2.13	33.27	-1074.01	33.10	-1073.84	13.68
		1142	15.90	26.89	0.97	1.08	26.77	-1.74	47.42	-947.67	47.11	-947.36	17.56
		1122	15.04	8.10	-1.69	-1.24	7.65	-2.05	31.13	-958.70	30.42	-957.99	26.39
868	54	1123	15.25	1.71	-3.71	-3.18	1.18	-1.62	-13.80	-1013.57	-15.19	-1012.18	37.23
		1140	16.03	18.35	-1.32	-1.32	18.35	-0.09	8.70	-1000.93	7.90	-1000.13	28.44
		1142	14.32	20.40	-0.67	-0.33	20.05	-2.66	22.12	-874.97	20.89	-873.74	33.15
		1122	13.53	3.49	-3.57	-2.43	2.36	-2.59	5.28	-886.40	3.31	-884.42	41.94
868	86	1123	15.14	1.45	-3.78	-3.23	0.90	-1.60	-15.63	-1008.24	-17.11	-1006.76	38.32
		1140	15.92	18.02	-1.36	-1.36	18.02	-0.25	6.92	-995.57	6.05	-994.70	29.53
		1142	14.20	19.93	-0.80	-0.43	19.56	-2.73	20.29	-869.65	18.97	-868.32	34.29
		1122	13.42	3.19	-3.73	-2.52	1.97	-2.63	3.42	-881.11	1.32	-879.00	43.09
869	20	1065	18.14	4.67	-5.35	-2.61	1.94	4.47	-33.85	-1214.69	-33.86	-1214.68	-3.02
		1124	18.60	11.40	-3.57	-2.07	9.90	4.48	4.64	-1200.69	4.64	-1200.69	-0.90
		1123	17.43	10.93	-1.90	-1.90	10.93	-0.02	13.59	-1115.63	13.55	-1115.59	6.62
		1087	16.93	2.36	-2.44	-2.41	2.34	-0.35	-25.25	-1129.11	-25.25	-1129.11	-0.14
869	52	1065	16.80	-3.27	-9.82	-4.38	-8.70	2.46	-60.44	-1126.61	-60.53	-1126.51	10.17
		1124	16.77	4.11	-3.90	-3.15	3.36	2.33	-21.50	-1112.63	-21.65	-1112.49	12.54
		1123	15.60	4.08	-3.01	-2.94	4.01	-0.71	-12.27	-1027.87	-12.68	-1027.45	20.53
		1087	15.57	-4.05	-8.48	-4.12	-8.40	-0.58	-51.69	-1041.19	-51.87	-1041.01	13.52
869	84	1065	16.73	-3.60	-10.40	-4.51	-9.49	2.31	-62.37	-1120.13	-62.48	-1120.01	11.13
		1124	16.64	3.58	-3.92	-3.23	2.88	2.17	-23.40	-1106.16	-23.57	-1105.99	13.52
		1123	15.47	3.59	-3.10	-3.02	3.50	-0.76	-14.14	-1021.42	-14.60	-1020.96	21.54
		1087	15.50	-4.18	-9.26	-4.25	-9.19	-0.60	-53.60	-1034.73	-53.82	-1034.52	14.51
870	13	1104	16.84	53.52	-2.38	-2.36	53.49	1.22	17.09	-931.62	16.99	-931.52	9.85
		1098	18.32	86.87	1.90	2.00	86.77	-2.98	16.64	-926.66	15.89	-925.91	26.67
		1075	19.30	90.73	1.55	1.70	90.58	3.63	17.82	-979.39	16.88	-978.45	30.69
		1105	17.69	56.64	-3.17	-2.47	55.95	6.42	12.95	-982.53	12.74	-982.31	14.65
870	45	1104	16.59	39.58	-1.64	-1.49	39.43	2.50	10.02	-966.85	10.01	-966.85	-1.81
		1098	17.64	63.61	1.00	1.04	63.57	-1.65	9.26	-961.06	9.03	-960.83	14.93
		1075	18.62	67.34	0.85	0.89	67.30	1.48	9.97	-1013.62	9.61	-1013.26	19.16
		1105	17.44	42.33	-1.91	-1.49	41.92	4.27	5.35	-1017.54	5.34	-1017.53	3.19
870	77	1104	16.57	38.53	-1.60	-1.43	38.36	2.60	9.51	-969.47	9.50	-969.47	-2.66
		1098	17.59	61.84	0.93	0.97	61.81	-1.54	8.73	-963.62	8.53	-963.42	14.08
		1075	18.57	65.56	0.80	0.82	65.54	1.31	9.40	-1016.16	9.08	-1015.83	18.32
		1105	17.42	41.24	-1.82	-1.42	40.85	4.11	4.80	-1020.15	4.80	-1020.14	2.36
871	10	1151	16.57	24.50	-4.12	-3.96	24.34	2.14	-21.97	-1027.49	-22.09	-1027.37	-10.98
		1105	17.76	52.00	-0.11	-0.10	52.00	-0.55	-10.38	-1015.46	-10.52	-1015.33	-11.58
		1106	17.91	54.16	0.07	0.26	53.98	3.17	-12.30	-1019.99	-12.36	-1019.94	-7.62
		1147	16.49	23.74	-4.91	-4.32	23.15	4.07	-27.82	-1028.37	-27.83	-1028.36	-3.41
871	42	1151	16.56	19.10	-3.59	-3.25	18.76	2.79	-17.13	-1044.89	-17.23	-1044.79	9.89
		1105	17.47	40.25	-0.40	-0.40	40.25	0.44	-5.42	-1032.52	-5.50	-1032.44	8.90
		1106	17.60	41.94	-0.21	-0.15	41.88	1.58	-7.92	-1037.32	-8.08	-1037.15	13.05
		1147	16.50	18.46	-3.67	-3.30	18.09	2.82	-23.40	-1046.17	-23.70	-1045.86	17.64
871	74	1151	16.56	18.70	-3.56	-3.19	18.33	2.84	-16.75	-1046.21	-16.87	-1046.09	11.44
		1105	17.45	39.35	-0.42	-0.42	39.35	0.51	-5.02	-1033.82	-5.13	-1033.72	10.42
		1106	17.57	41.00	-0.23	-0.18	40.95	1.46	-7.57	-1038.64	-7.77	-1038.43	14.59
		1147	16.50	18.06	-3.58	-3.23	17.71	2.73	-23.04	-1047.52	-23.40	-1047.16	19.20
872	22	1141	18.62	21.32	-1.73	-1.25	20.85	3.27	29.45	-1154.70	29.30	-1154.55	13.31
		1107	18.98	27.80	-1.31	-1.20	27.69	-1.83	44.14	-1148.39	44.13	-1148.38	3.44
		1108	17.77	28.13	-1.74	-1.42	27.81	-3.10	47.49	-1064.82	47.48	-1064.81	3.22
		1140	17.57	24.48	-0.30	-0.30	24.48	-0.07	36.39	-1070.38	36.15	-1070.13	16.51
872	54	1141	17.17	17.24	-1.84	-1.73	17.14	1.41	3.40	-1083.24	2.83	-1082.67	24.87
		1107	17.80	29.87	-0.83	-0.76	29.81	-1.36	18.39	-1076.33	18.18	-1076.12	15.16
		1108	16.57	29.99	-1.02	-0.82	29.79	-2.50	21.20	-992.86	20.96	-992.61	15.65
		1140	16.05	19.06	-1.20	-1.15	19.02	-0.98	9.90	-999.16	9.08	-998.33	28.79
872	86	1141	17.06	16.95	-1.85	-1.76	16.86	1.28	1.50	-1077.99	0.89	-1077.38	25.72
		1107	17.71	30.01	-0.79	-0.73	29.95	-1.33	16.51	-1071.04	16.28	-1070.80	16.02
		1108	16.48	30.11	-0.97	-0.78	29.92	-2.45	19.28	-987.57	19.01	-987.30	16.57
		1140	15.93	18.67	-1.27	-1.21	18.61	-1.05	7.97	-993.93	7.09	-993.05	29.70
873	17	1068	13.66	-7.62	-33.02	-12.32	-28.31	9.87	137.18	-754.09	129.65	-746.56	81.58

		1130	12.12	4.60	-18.03	-9.13	-4.31	11.06	157.02	-711.58	156.83	-711.39	12.74
		1129	14.19	7.35	-21.60	-9.61	-4.65	14.26	77.95	-896.33	75.74	-894.13	46.32
		1084	15.61	-5.25	-37.31	-13.04	-29.52	13.75	38.05	-930.83	30.02	-922.80	87.83
873	49	1068	12.50	-3.00	-23.92	-8.90	-18.02	9.42	129.73	-708.83	122.60	-701.70	77.00
		1130	11.58	7.67	-14.61	-6.96	0.02	10.58	151.41	-668.19	151.31	-668.09	9.09
		1129	13.48	7.37	-16.51	-7.85	-1.29	11.49	71.95	-852.99	69.88	-850.92	43.74
		1084	14.43	-2.95	-26.90	-10.01	-19.84	10.92	31.47	-885.57	23.72	-877.83	83.90
873	81	1068	12.42	-2.63	-23.28	-8.65	-17.26	9.38	129.17	-705.54	122.07	-698.44	76.68
		1130	11.54	7.90	-14.36	-6.79	0.34	10.54	150.99	-665.03	150.89	-664.94	8.83
		1129	13.44	7.38	-16.14	-7.72	-1.05	11.28	71.49	-849.84	69.43	-847.77	43.56
		1084	14.34	-2.78	-26.14	-9.78	-19.13	10.70	30.97	-882.28	23.24	-874.55	83.62
874	19	1153	8.72	26.71	-4.26	22.05	0.40	11.07	460.28	-135.62	422.04	-97.38	-146.03
		1154	7.76	22.35	-0.81	16.06	5.48	10.30	295.43	-271.79	207.62	-183.98	-205.18
		1133	8.53	19.21	-5.65	10.45	3.11	11.88	304.62	-312.40	226.14	-233.92	-205.58
		1136	9.28	17.84	-7.92	9.69	0.23	11.98	423.45	-265.35	368.54	-210.45	-186.56
874	51	1153	8.07	25.21	-4.65	21.06	-0.51	10.32	430.25	-111.21	396.88	-77.84	-130.23
		1154	7.10	21.17	-0.81	15.30	5.06	9.72	266.25	-250.05	181.97	-165.76	-190.82
		1133	7.88	18.59	-5.46	10.14	2.99	11.48	274.46	-292.40	199.39	-217.34	-192.14
		1136	8.53	16.53	-7.81	9.19	-0.47	11.17	392.70	-242.42	342.43	-192.15	-171.46
874	83	1153	8.02	25.11	-4.69	21.00	-0.58	10.28	428.06	-109.43	395.04	-76.41	-129.06
		1154	7.05	21.10	-0.80	15.26	5.03	9.68	264.12	-248.46	180.09	-164.43	-189.77
		1133	7.83	18.55	-5.45	10.12	2.98	11.46	272.26	-290.95	197.44	-216.13	-191.16
		1136	8.48	16.44	-7.82	9.15	-0.52	11.12	390.45	-240.74	340.52	-190.81	-170.35
875	3	1069	10.41	20.09	3.55	4.99	18.65	4.66	530.50	-215.88	529.03	-214.41	33.08
		1136	9.17	8.56	-7.25	-0.64	1.96	7.79	385.89	-294.68	373.42	-282.20	-91.28
		1131	10.15	7.59	0.48	0.63	7.44	1.02	223.80	-512.51	212.29	-501.00	-91.34
		1083	11.12	16.57	3.02	3.15	16.43	-1.36	274.10	-518.72	274.10	-518.72	0.95
875	49	1069	10.14	11.61	-16.88	7.36	-12.64	10.14	528.66	-149.10	527.65	-148.09	26.24
		1136	7.87	16.60	-8.38	8.31	-0.09	11.76	344.42	-244.23	334.37	-234.19	-76.23
		1131	9.39	12.96	-14.64	0.11	-1.79	13.77	230.52	-455.86	216.65	-441.99	-96.57
		1083	10.32	4.78	-23.29	-1.93	-16.58	11.97	278.95	-452.15	278.88	-452.09	-7.04
875	81	1069	10.10	11.61	-16.26	7.33	-11.98	10.05	528.97	-147.47	528.04	-146.54	25.09
		1136	7.85	16.55	-8.33	8.16	0.06	11.76	345.84	-242.88	335.43	-232.46	-77.60
		1131	9.39	12.94	-14.26	0.17	-1.49	13.57	231.13	-454.68	217.03	-440.58	-97.31
		1083	10.27	4.82	-22.51	-1.81	-15.88	11.72	279.12	-450.86	279.04	-450.78	-7.83
876	3	1136	9.10	7.83	1.84	3.59	6.07	2.73	400.19	-289.45	399.79	-289.06	-16.55
		1133	8.18	6.52	-7.71	0.08	-1.27	7.08	284.97	-335.29	275.78	-326.10	-74.95
		1137	8.78	8.24	1.27	1.32	8.19	0.58	161.92	-462.93	155.29	-456.30	-64.03
		1131	10.47	10.92	1.06	1.16	10.82	-0.97	248.33	-506.75	248.08	-506.50	-13.61
876	35	1136	8.41	12.17	-2.93	3.94	5.30	7.52	379.18	-256.89	378.69	-256.40	-17.69
		1133	7.75	12.28	-6.43	2.05	3.80	9.31	263.41	-307.54	253.99	-298.13	-72.71
		1137	8.48	12.34	-2.71	0.15	9.48	5.91	155.34	-432.50	147.81	-424.97	-66.10
		1131	9.84	10.27	-3.30	-0.74	7.71	5.31	239.15	-472.88	238.72	-472.46	-17.45
876	67	1136	8.36	12.51	-3.31	3.97	5.23	7.88	377.64	-254.45	377.14	-253.94	-17.78
		1133	7.72	12.73	-6.34	2.20	4.19	9.48	261.83	-305.47	252.40	-296.03	-72.54
		1137	8.46	12.73	-3.09	0.06	9.58	6.32	154.87	-430.22	147.27	-422.62	-66.25
		1131	9.79	10.43	-3.85	-0.88	7.47	5.79	238.47	-470.34	238.03	-469.90	-17.73
877	21	1102	14.80	32.32	-3.60	-1.12	29.84	9.11	25.42	-864.01	17.05	-855.63	-85.91
		1099	15.43	51.43	1.40	1.45	51.38	1.60	1.15	-859.26	-1.00	-857.11	-43.00
		1076	17.94	58.74	0.39	0.86	58.27	5.22	5.49	-999.01	3.95	-997.46	-39.37
		1103	17.09	36.55	-4.68	-1.79	33.66	10.51	15.81	-1008.25	10.49	-1002.93	-73.61
877	53	1102	13.60	26.05	-3.58	-0.77	23.24	8.68	25.95	-806.29	18.02	-798.36	-80.84
		1099	14.03	39.97	0.78	0.83	39.92	1.41	1.82	-802.22	-0.07	-800.34	-38.89
		1076	16.52	47.24	0.30	0.51	47.03	3.16	4.00	-942.44	2.67	-941.11	-35.40
		1103	15.87	29.86	-3.30	-1.04	27.61	8.35	14.27	-950.93	9.37	-946.03	-68.62
877	85	1102	13.51	25.59	-3.59	-0.75	22.75	8.65	25.99	-802.06	18.09	-794.16	-80.47
		1099	13.92	39.13	0.73	0.78	39.08	1.39	1.87	-798.04	2.30e-03	-796.17	-38.58
		1076	16.41	46.39	0.29	0.49	46.20	3.01	3.89	-938.29	2.58	-936.98	-35.11
		1103	15.78	29.37	-3.20	-0.99	27.16	8.19	14.15	-946.73	9.28	-941.86	-68.25
878	22	1142	15.33	22.18	-0.31	-0.29	22.16	0.67	34.89	-929.84	34.74	-929.70	11.91
		1109	15.38	24.78	-2.16	-1.32	23.94	-4.70	38.02	-923.29	37.98	-923.25	-5.89
		1110	12.87	24.67	-2.85	-1.54	23.36	-5.86	46.74	-752.65	46.72	-752.63	-4.15
		1146	13.16	26.30	0.54	0.90	25.93	-3.04	55.03	-762.66	54.61	-762.24	18.63
878	54	1142	14.05	18.04	-1.16	-1.04	17.92	-1.50	15.79	-866.61	15.10	-865.92	24.68
		1109	14.44	28.07	-1.21	-0.75	27.60	-3.67	19.44	-858.84	19.38	-858.78	7.29
		1110	11.92	27.62	-1.52	-0.77	26.88	-4.61	27.31	-688.37	27.16	-688.22	10.31
		1146	11.78	20.19	-1.07	-0.32	19.44	-3.90	35.48	-699.98	34.02	-698.52	32.70
878	86	1142	13.95	17.75	-1.24	-1.10	17.61	-1.65	14.41	-861.97	13.66	-861.22	25.62
		1109	14.37	28.30	-1.15	-0.70	27.86	-3.59	18.10	-854.11	18.02	-854.04	8.26
		1110	11.84	27.84	-1.43	-0.72	27.12	-4.52	25.91	-683.66	25.73	-683.48	11.38
		1146	11.68	19.75	-1.19	-0.41	18.97	-3.97	34.08	-695.39	32.51	-693.83	33.74
879	8	1082	12.19	20.63	-0.40	3.14	17.09	-7.86	877.82	182.27	877.78	182.31	-5.29
		1153	8.81	11.54	-11.80	-6.76	6.51	9.60	419.24	-169.51	362.74	-113.01	-173.42
		1136	8.62	10.30	1.96	3.01	9.25	2.77	388.07	-245.09	322.82	-179.85	-192.50
		1069	10.47	24.22	2.01	2.21	24.03	-2.06	546.98	-176.81	529.55	-159.38	-110.98
879	49	1082	13.35	28.96	-8.27	28.07	-7.37	5.69	876.76	215.75	876.60	215.91	-10.34
		1153	8.13	26.79	-8.40	21.64	-3.24	12.44	416.83	-149.27	363.91	-96.35	-164.78

		1136	8.32	21.14	-10.01	15.11	-3.98	12.31	402.01	-215.32	339.73	-153.04	-185.92
		1069	9.95	12.52	-20.53	9.06	-17.07	10.11	525.29	-144.19	510.60	-129.49	-98.09
879	81	1082	13.29	28.57	-7.69	27.70	-6.83	5.53	874.88	216.99	874.76	217.11	-8.77
		1153	8.06	26.31	-8.34	21.10	-3.13	12.38	414.29	-147.81	361.70	-95.22	-163.69
		1136	8.27	20.85	-9.75	14.90	-3.79	12.11	399.69	-214.55	337.67	-152.53	-185.06
		1069	9.92	12.39	-19.75	8.97	-16.32	9.91	526.61	-142.18	511.71	-127.29	-98.70
880	4	1066	17.81	20.11	-4.77	3.83e-03	15.33	9.80	-103.71	-1182.70	-103.76	-1182.65	-7.42
		1126	17.83	19.06	-5.95	-1.24	14.34	9.78	-62.30	-1166.50	-62.51	-1166.30	-15.01
		1125	17.71	14.17	-2.09	-1.82	13.91	2.07	-72.09	-1165.47	-72.12	-1165.45	-5.02
		1086	17.67	14.73	-0.80	-0.52	14.45	2.05	-112.25	-1180.82	-112.25	-1180.81	-2.42
880	36	1066	16.44	4.24	-9.28	-3.30	-1.74	6.71	-89.52	-1136.26	-89.53	-1136.24	3.88
		1126	16.82	9.44	-6.74	-2.93	5.63	6.87	-48.47	-1120.26	-48.48	-1120.25	-3.47
		1125	16.71	5.86	-3.68	-3.12	5.29	2.25	-57.43	-1119.31	-57.47	-1119.27	6.39
		1086	16.39	-0.68	-5.26	-3.47	-2.47	2.24	-97.33	-1134.36	-97.41	-1134.29	8.74
880	66	1066	16.79	-8.36	-28.52	-8.50	-28.38	1.66	-76.01	-1073.55	-76.05	-1073.52	-5.59
		1126	15.86	-4.16	-8.90	-5.54	-7.53	2.15	-35.22	-1058.42	-35.37	-1058.27	-12.39
		1125	15.81	-3.47	-9.18	-5.05	-7.59	2.56	-42.94	-1057.16	-42.95	-1057.15	-2.84
		1086	16.75	-7.80	-29.10	-8.07	-28.84	2.38	-82.51	-1071.44	-82.51	-1071.44	-1.06
881	17	1155	7.68	25.22	-7.75	10.26	7.21	16.42	98.35	-365.56	-31.64	-235.57	-208.34
		1100	6.93	21.08	1.61	4.95	17.74	7.34	-4.04	-397.03	-45.87	-355.20	-121.19
		1077	11.01	31.62	-1.62	3.23	26.77	11.73	7.46	-623.75	-42.44	-573.86	-170.31
		1101	10.70	27.05	-11.52	5.44	10.09	19.15	45.65	-596.25	-45.73	-504.87	-224.29
881	49	1155	7.04	20.19	-7.07	8.52	4.59	13.49	97.18	-340.65	-28.97	-214.49	-198.29
		1100	6.21	14.62	0.52	2.73	12.41	5.13	-3.82	-368.70	-42.29	-330.24	-112.05
		1077	10.26	25.44	-0.67	2.42	22.35	8.44	5.15	-596.07	-40.73	-550.19	-159.62
		1101	10.04	22.12	-8.62	4.94	8.57	15.26	45.51	-570.96	-41.99	-483.45	-215.14
881	81	1155	7.00	19.82	-7.02	8.39	4.40	13.27	97.10	-338.84	-28.78	-212.96	-197.56
		1100	6.16	14.14	0.44	2.56	12.01	4.96	-3.81	-366.63	-42.03	-328.41	-111.38
		1077	10.21	24.99	-0.60	2.36	22.02	8.19	4.99	-594.05	-40.60	-548.46	-158.84
		1101	9.99	21.76	-8.40	4.90	8.46	14.97	45.51	-569.12	-41.71	-481.90	-214.48
882	4	1086	17.61	18.69	-5.60	-0.60	13.69	9.82	-111.45	-1177.16	-111.47	-1177.13	-5.20
		1125	17.67	18.78	-6.77	-1.59	13.59	10.28	-71.30	-1162.01	-71.35	-1161.95	-7.88
		1124	17.01	14.44	-2.05	-1.70	14.09	2.37	-72.73	-1119.04	-72.73	-1119.04	1.26
		1065	16.91	13.78	-1.04	-0.63	13.37	2.42	-112.34	-1133.72	-112.34	-1133.72	-0.41
882	36	1086	16.39	2.71	-9.06	-3.50	-2.85	5.87	-96.89	-1132.56	-96.93	-1132.53	6.13
		1125	16.69	8.45	-6.25	-2.99	5.19	6.10	-57.01	-1117.68	-57.02	-1117.67	3.81
		1124	16.04	5.63	-3.19	-2.96	5.40	1.40	-57.41	-1074.73	-57.57	-1074.57	12.78
		1065	15.75	-1.69	-4.82	-3.41	-3.10	1.56	-96.85	-1089.06	-96.97	-1088.95	10.75
882	68	1086	16.41	1.66	-9.49	-3.72	-4.11	5.57	-95.80	-1129.27	-95.85	-1129.23	6.94
		1125	16.62	7.67	-6.21	-3.10	4.55	5.79	-55.94	-1114.41	-55.96	-1114.39	4.65
		1124	15.97	4.96	-3.28	-3.05	4.74	1.33	-56.26	-1071.46	-56.44	-1071.28	13.60
		1065	15.76	-2.45	-5.52	-3.62	-4.35	1.49	-95.69	-1085.77	-95.82	-1085.63	11.55
883	4	1085	17.41	21.31	-3.76	0.51	17.04	9.42	-85.74	-1143.57	-85.76	-1143.54	-5.13
		1127	17.36	19.13	-5.92	-1.14	14.36	9.83	-43.11	-1125.71	-43.45	-1125.37	-19.23
		1126	17.79	14.20	-1.68	-1.48	14.00	1.78	-62.64	-1167.12	-62.70	-1167.07	-7.59
		1066	17.81	15.80	-0.16	-0.02	15.66	1.51	-104.19	-1183.57	-104.19	-1183.57	-0.07
883	37	1085	16.26	-9.15	-32.28	-9.74	-31.69	3.65	-48.35	-1015.95	-48.81	-1015.49	21.17
		1127	15.26	-3.35	-12.62	-6.42	-9.55	4.36	-7.02	-998.61	-7.08	-998.55	7.70
		1126	15.80	-2.00	-13.81	-5.96	-9.85	5.58	-24.39	-1040.24	-24.74	-1039.89	18.94
		1066	16.81	-8.16	-33.71	-9.33	-32.54	5.35	-65.00	-1055.86	-65.67	-1055.19	25.82
883	69	1085	16.25	-8.79	-31.05	-9.46	-30.38	3.80	-49.33	-1019.32	-49.77	-1018.88	20.56
		1127	15.27	-2.90	-12.29	-6.28	-8.91	4.51	-7.97	-1001.96	-8.02	-1001.91	7.07
		1126	15.81	-1.80	-13.25	-5.84	-9.21	5.47	-25.40	-1043.59	-25.73	-1043.26	18.32
		1066	16.80	-7.90	-32.42	-9.08	-31.24	5.24	-66.03	-1059.23	-66.67	-1058.59	25.22
884	10	1149	14.73	24.27	-8.27	-4.96	20.97	9.83	12.74	-890.59	9.70	-887.56	-52.26
		1103	15.32	43.97	-1.98	-1.04	43.03	6.51	3.95	-870.95	1.60	-868.59	-45.33
		1104	16.84	48.23	-2.19	-0.54	46.57	8.99	-4.80	-965.27	-5.93	-964.14	-32.90
		1148	15.90	24.70	-9.15	-5.02	20.58	11.07	-9.04	-981.97	-10.41	-980.60	-36.49
884	42	1149	14.70	19.10	-7.29	-3.99	15.81	8.73	17.34	-907.17	16.06	-905.88	-34.48
		1103	15.07	33.64	-1.97	-1.02	32.69	5.74	9.04	-887.12	8.15	-886.24	-28.10
		1104	16.59	37.25	-1.63	-0.66	36.28	6.07	0.30	-982.34	0.06	-982.11	-15.24
		1148	15.90	19.18	-6.85	-3.85	16.17	8.32	-4.27	-999.55	-4.61	-999.21	-18.30
884	74	1149	14.69	18.72	-7.21	-3.91	15.41	8.65	17.71	-908.44	16.52	-907.26	-33.16
		1103	15.05	32.85	-1.97	-1.02	31.89	5.68	9.44	-888.36	8.64	-887.56	-26.82
		1104	16.57	36.41	-1.59	-0.67	35.49	5.84	0.70	-983.65	0.50	-983.45	-13.92
		1148	15.90	18.75	-6.67	-3.76	15.83	8.11	-3.90	-1000.89	-4.18	-1000.61	-16.94
885	17	1079	3.94	17.49	-2.04	15.83	-0.38	5.45	66.37	-164.93	-104.65	6.10	-101.53
		1078	1.17	6.20	2.80	5.47	3.53	1.40	5.23	-59.55	-35.58	-18.74	-31.28
		1100	6.15	14.66	-0.77	5.47	8.42	7.57	2.95	-361.85	-70.52	-288.37	-146.31
		1155	8.34	22.91	-10.48	12.71	-0.27	15.38	143.53	-379.57	-81.85	-154.19	-259.04
885	49	1079	3.59	13.78	-0.99	12.87	-0.09	3.54	64.35	-157.29	-103.42	10.48	-95.07
		1078	0.86	2.09	1.03	1.88	1.23	0.42	7.96	-48.05	-32.52	-7.56	-25.07
		1100	5.77	11.25	-0.60	3.51	7.14	5.64	0.27	-347.25	-67.91	-279.07	-138.00
		1155	7.90	19.64	-8.15	11.12	0.36	12.81	137.97	-368.54	-80.56	-150.01	-250.87
885	81	1079	3.57	13.51	-0.91	12.66	-0.06	3.40	64.21	-156.75	-103.33	10.79	-94.61
		1078	0.84	1.78	0.89	1.62	1.06	0.35	8.21	-47.26	-32.31	-6.75	-24.62
		1100	5.74	11.00	-0.59	3.37	7.04	5.50	0.07	-346.19	-67.72	-278.40	-137.40

		1155	7.87	19.39	-7.98	11.01	0.41	12.62	137.57	-367.75	-80.47	-149.71	-250.27
886	19	1152	11.92	18.50	-9.08	-0.80	10.22	12.64	98.93	-683.92	80.58	-665.57	-118.45
		1101	11.25	19.35	-5.52	-0.33	14.16	10.11	52.28	-660.34	38.35	-646.41	-98.65
		1102	14.31	22.05	-4.12	-0.49	18.43	9.04	38.30	-863.54	31.37	-856.61	-78.75
		1150	14.46	17.01	-8.97	-2.33	10.37	11.33	64.62	-878.46	55.34	-869.19	-93.06
886	51	1152	11.00	17.50	-8.84	-0.89	9.55	12.09	95.09	-626.25	77.24	-608.40	-112.04
		1101	10.33	18.55	-5.33	-0.26	13.48	9.76	48.31	-603.37	34.78	-589.84	-92.92
		1102	13.39	21.32	-3.88	-0.59	18.02	8.50	32.60	-806.82	26.12	-800.34	-73.44
		1150	13.52	16.18	-8.62	-2.27	9.82	10.82	59.52	-821.08	50.75	-812.30	-87.46
886	83	1152	10.93	17.43	-8.83	-0.90	9.51	12.06	94.81	-622.00	77.00	-604.19	-111.58
		1101	10.26	18.50	-5.31	-0.26	13.44	9.74	48.02	-599.18	34.51	-585.67	-92.51
		1102	13.32	21.28	-3.87	-0.60	18.00	8.46	32.18	-802.65	25.73	-796.20	-73.06
		1150	13.45	16.12	-8.60	-2.27	9.79	10.79	59.15	-816.85	50.41	-808.12	-87.05
887	4	1127	17.33	20.19	-4.88	0.51	14.80	10.30	-38.98	-1123.89	-39.03	-1123.84	-7.81
		1148	16.82	12.10	-6.77	-1.86	7.19	8.28	-18.67	-1101.21	-18.88	-1101.01	-14.97
		1151	17.43	8.75	-2.17	-2.14	8.72	-0.56	-32.79	-1145.46	-32.80	-1145.45	-3.16
		1126	17.76	14.50	-0.44	-0.09	14.15	2.27	-58.73	-1164.88	-58.74	-1164.87	3.19
887	36	1127	16.33	10.95	-7.31	-2.36	6.00	8.12	-28.15	-1077.76	-28.16	-1077.76	2.72
		1148	16.35	12.99	-5.39	-2.34	9.95	6.83	-8.26	-1055.85	-8.28	-1055.83	-4.36
		1151	16.97	11.54	-2.49	-2.29	11.34	1.65	-21.48	-1100.33	-21.53	-1100.28	7.26
		1126	16.78	6.76	-3.72	-2.50	5.53	3.36	-47.05	-1119.01	-47.22	-1118.84	13.52
887	68	1127	16.25	10.26	-7.50	-2.57	5.33	7.95	-27.34	-1074.35	-27.36	-1074.34	3.47
		1148	16.31	13.08	-5.30	-2.38	10.16	6.72	-7.48	-1052.49	-7.49	-1052.47	-3.60
		1151	16.93	11.78	-2.54	-2.31	11.54	1.82	-20.63	-1096.98	-20.69	-1096.92	8.00
		1126	16.70	6.22	-4.01	-2.68	4.88	3.45	-46.17	-1115.61	-46.36	-1115.42	14.26
888	23	1130	12.58	5.85	-13.51	-6.77	-0.88	9.22	148.55	-744.92	147.21	-743.58	34.56
		1152	11.85	17.37	-9.27	-4.33	12.42	10.35	102.83	-681.60	102.83	-681.60	1.46
		1150	14.37	16.12	-9.01	-5.24	12.35	8.97	66.09	-875.92	63.05	-872.89	53.39
		1129	14.58	3.02	-14.47	-7.87	-3.58	8.48	73.79	-927.70	68.16	-922.06	74.90
888	51	1130	11.85	9.92	-12.21	-5.81	3.52	10.03	143.86	-685.48	142.81	-684.43	29.49
		1152	11.05	17.88	-8.79	-4.08	13.18	10.16	99.61	-626.95	99.60	-626.93	-3.48
		1150	13.55	16.29	-8.44	-5.08	12.93	8.47	61.48	-821.93	58.86	-819.32	48.00
		1129	13.70	5.69	-12.82	-7.21	0.07	8.51	68.71	-868.82	63.59	-863.71	69.04
888	83	1130	11.78	9.97	-12.19	-5.80	3.59	10.04	143.53	-680.84	142.50	-679.81	29.06
		1152	10.99	17.79	-8.77	-4.09	13.12	10.12	99.39	-622.69	99.37	-622.67	-3.88
		1150	13.48	16.23	-8.42	-5.07	12.89	8.44	61.17	-817.72	58.59	-815.14	47.56
		1129	13.64	5.85	-12.78	-7.18	0.24	8.55	68.37	-864.21	63.30	-859.14	68.54
889	21	1154	8.08	30.22	-5.95	-0.18	24.45	-13.24	286.17	-273.04	-96.32	109.45	259.99
		1080	3.21	39.59	-1.75	0.30	37.54	-8.97	116.62	-44.21	-3.49	75.89	69.94
		1079	4.12	26.18	1.55	2.79	24.94	-5.40	79.22	-160.56	-7.19	-74.14	115.12
		1155	8.22	27.13	-5.12	4.03	17.98	-14.54	145.01	-381.31	-206.36	-29.94	247.94
889	53	1154	7.59	24.21	-3.68	0.41	20.12	-9.87	277.99	-262.28	-91.06	106.77	251.37
		1080	2.82	32.11	-0.95	0.23	30.92	-6.14	107.64	-35.21	0.75	71.67	62.00
		1079	3.67	18.56	0.87	1.63	17.81	-3.59	73.32	-152.55	-1.40	-77.82	106.27
		1155	7.79	20.85	-5.66	3.09	12.10	-12.46	136.59	-369.24	-200.08	-32.57	238.64
889	85	1154	7.56	23.77	-3.51	0.46	19.80	-9.62	277.40	-261.51	-90.68	106.58	250.75
		1080	2.80	31.56	-0.90	0.23	30.44	-5.93	106.98	-34.57	1.05	71.36	61.43
		1079	3.64	18.00	0.82	1.54	17.28	-3.45	72.91	-151.99	-0.99	-78.10	105.63
		1155	7.76	20.39	-5.70	3.02	11.67	-12.31	135.97	-368.37	-199.64	-32.77	237.97
890	18	1122	14.51	6.40	-5.51	-1.57	2.46	-5.60	24.97	-940.45	23.08	-938.56	42.65
		1142	15.50	25.29	0.49	0.57	25.21	1.38	41.35	-929.58	40.19	-928.42	33.53
		1146	13.34	27.16	-1.75	-1.65	27.07	-1.64	62.65	-762.60	60.96	-760.91	37.33
		1121	12.30	7.71	-6.47	-1.96	3.21	-6.60	57.73	-770.68	55.28	-768.23	45.02
890	50	1122	13.29	3.16	-5.85	-2.55	-0.14	-4.34	2.35	-878.12	-1.07	-874.70	54.79
		1142	14.13	19.42	-0.61	-0.51	19.32	-1.41	19.36	-866.62	16.99	-864.25	45.75
		1146	11.88	20.47	-1.88	-1.32	19.90	-3.50	39.94	-700.29	36.47	-696.82	50.57
		1121	11.06	4.70	-6.77	-2.39	0.32	-5.57	34.41	-709.05	29.84	-704.48	58.15
890	82	1122	13.20	2.92	-5.86	-2.62	-0.32	-4.24	0.72	-873.55	-2.84	-869.99	55.68
		1142	14.03	19.02	-0.72	-0.59	18.89	-1.61	17.77	-862.00	15.29	-859.52	46.65
		1146	11.77	20.00	-1.92	-1.30	19.38	-3.64	38.31	-695.74	34.67	-692.10	51.54
		1121	10.97	4.48	-6.78	-2.42	0.12	-5.49	32.74	-704.55	27.97	-699.78	59.12
891	29	1134	15.07	34.42	2.83	6.55	30.70	10.18	928.96	34.14	34.37	928.74	-14.15
		1092	16.13	59.37	2.60	2.71	59.26	-2.48	884.83	5.69	6.21	884.30	-21.48
		971	17.57	53.49	1.65	2.26	52.88	5.60	996.20	-3.62	-3.45	996.04	12.93
		981	15.72	46.09	6.00	11.11	40.98	13.37	939.91	21.64	22.36	939.19	-25.70
891	61	1134	14.22	25.13	2.35	2.60	24.89	2.35	885.09	33.02	33.12	884.99	-9.17
		1092	14.08	33.97	1.00	1.12	33.85	-1.99	828.50	1.86	2.43	827.93	-21.70
		971	15.46	27.47	0.88	1.02	27.33	1.90	937.97	-6.32	-6.18	937.82	11.58
		981	14.52	32.46	6.28	7.51	31.23	5.55	886.63	19.74	20.45	885.93	-24.77
891	93	1134	14.15	24.60	2.17	2.31	24.46	1.78	881.90	32.93	33.03	881.81	-8.80
		1092	13.94	32.11	0.88	1.01	31.99	-1.96	824.40	1.58	2.16	823.82	-21.71
		971	15.31	25.56	0.82	0.93	25.46	1.63	933.72	-6.52	-6.38	933.58	11.49
		981	14.44	31.53	6.23	7.25	30.52	4.97	882.74	19.60	20.31	882.04	-24.70
892	22	1119	5.74	9.52	-6.63	-3.58	6.48	-6.31	136.76	-250.40	118.49	-232.14	82.08
		1143	6.07	27.63	-2.23	-1.43	26.83	-4.82	101.11	-248.15	78.67	-225.71	85.63
		1144	3.41	26.62	-0.07	0.14	26.41	-2.33	198.98	-9.48	117.38	72.12	101.74
		1118	4.29	16.72	-1.97	4.94	9.82	-9.02	262.73	20.57	213.19	70.10	97.68

892	42	1119	5.00	9.49	-12.10	-1.27	-1.34	-10.79	137.16	-211.18	121.90	-195.92	71.28
		1143	5.34	22.62	-3.60	0.62	18.40	-9.63	103.83	-211.02	83.59	-190.77	77.22
		1144	3.47	20.19	-1.46	1.94	16.79	-7.88	209.60	22.10	124.32	107.38	93.37
		1118	4.18	10.57	-8.81	2.28	-0.52	-9.59	268.43	56.98	220.61	104.80	88.46
892	74	1119	4.98	9.22	-11.69	-1.19	-1.29	-10.46	137.26	-210.50	121.61	-194.85	72.09
		1143	5.29	21.97	-3.55	0.58	17.85	-9.40	103.40	-209.94	82.86	-189.41	77.54
		1144	3.46	19.66	-1.53	1.86	16.27	-7.77	209.99	22.10	123.38	108.70	93.66
		1118	4.16	10.30	-8.57	2.25	-0.52	-9.34	268.35	57.56	219.68	106.23	88.83
893	22	1121	11.86	9.39	-4.41	-0.77	5.75	-6.08	13.64	-756.96	6.82	-750.14	72.19
		1146	12.54	23.67	0.17	0.20	23.64	-0.84	20.01	-747.63	14.74	-742.36	63.40
		1145	9.82	26.69	-2.06	-1.80	26.43	-2.71	48.11	-536.28	39.05	-527.22	72.21
		1120	9.29	12.92	-1.82	0.83	10.27	-5.66	60.81	-546.88	50.83	-536.90	77.25
893	54	1121	10.87	5.49	-5.77	-1.82	1.53	-5.37	14.23	-703.22	7.01	-696.01	71.59
		1146	11.52	18.85	-1.01	-0.46	18.31	-3.23	20.56	-693.63	14.90	-687.97	63.29
		1145	8.69	20.00	-2.10	-1.09	18.98	-4.63	50.15	-482.53	40.18	-472.55	72.20
		1120	8.25	7.84	-4.55	-0.53	3.82	-5.80	62.80	-493.32	52.00	-482.52	76.72
893	86	1121	10.80	5.21	-5.87	-1.90	1.24	-5.32	14.26	-699.27	7.01	-692.02	71.55
		1146	11.45	18.52	-1.12	-0.51	17.91	-3.40	20.59	-689.66	14.90	-683.97	63.29
		1145	8.61	19.54	-2.14	-1.04	18.43	-4.77	50.30	-478.58	40.25	-468.53	72.21
		1120	8.17	7.50	-4.78	-0.63	3.35	-5.81	62.94	-489.38	52.08	-478.52	76.70
894	13	1111	8.88	52.83	-3.22	-1.89	51.50	-8.52	14.54	-406.73	14.43	-406.61	6.96
		1072	9.95	79.89	0.95	1.24	79.60	-4.80	-1.09	-402.28	-2.08	-401.29	-19.91
		1094	5.95	75.15	1.96	1.96	75.14	0.64	0.21	-150.14	-1.02	-148.91	-13.55
		1112	5.07	49.22	-1.63	-1.39	48.99	-3.45	28.31	-156.29	25.59	-153.57	22.24
894	45	1111	8.31	39.48	-1.95	-1.02	38.56	-6.12	16.93	-412.16	16.40	-411.63	15.13
		1072	9.04	59.40	0.54	0.65	59.29	-2.55	0.06	-406.72	-0.31	-406.34	-12.29
		1094	5.02	54.72	0.97	0.97	54.72	0.08	-0.23	-154.28	-0.45	-154.06	-5.92
		1112	4.56	36.43	-1.12	-0.71	36.01	-3.94	31.11	-163.65	26.23	-158.77	30.45
894	77	1111	8.26	38.47	-1.85	-0.96	37.57	-5.93	17.12	-412.57	16.55	-411.99	15.72
		1072	8.97	57.85	0.50	0.60	57.75	-2.38	0.16	-407.05	-0.18	-406.71	-11.74
		1094	4.95	53.17	0.90	0.90	53.17	0.03	-0.23	-154.62	-0.42	-154.44	-5.37
		1112	4.52	35.46	-1.09	-0.65	35.03	-3.98	31.33	-164.21	26.28	-159.15	31.04
895	19	1133	8.57	19.47	-5.94	-5.51	19.04	3.28	291.35	-323.57	190.61	-222.83	227.60
		1154	7.50	20.75	-3.23	-1.73	19.25	5.80	278.97	-263.99	216.28	-201.31	173.51
		1155	7.62	16.88	-5.09	-5.07	16.87	-0.54	112.02	-385.53	57.00	-330.51	156.03
		1137	9.38	18.43	-8.04	-8.04	18.43	-0.02	174.15	-463.23	59.44	-348.52	244.86
895	51	1133	7.91	18.62	-5.75	-5.33	18.20	3.18	268.19	-297.67	176.32	-205.79	208.68
		1154	6.94	20.06	-3.10	-1.58	18.55	5.73	260.07	-240.53	204.18	-184.64	157.65
		1155	7.10	16.17	-4.85	-4.83	16.15	-0.62	99.66	-359.54	52.12	-312.01	139.89
		1137	8.78	17.54	-7.79	-7.79	17.54	-0.07	160.99	-433.67	56.31	-328.99	226.48
895	83	1133	7.86	18.57	-5.74	-5.32	18.15	3.17	266.50	-295.77	175.27	-204.54	207.30
		1154	6.90	20.03	-3.09	-1.57	18.51	5.72	258.68	-238.81	203.29	-183.41	156.50
		1155	7.06	16.13	-4.83	-4.82	16.11	-0.62	98.76	-357.64	51.77	-310.64	138.71
		1137	8.74	17.49	-7.77	-7.77	17.49	-0.07	160.03	-431.50	56.08	-327.55	225.13
896	17	1061	16.42	19.48	-36.78	10.85	-28.14	-20.28	1142.59	925.49	948.33	1119.75	-66.61
		1116	13.86	29.42	-17.07	29.32	-16.97	-2.09	1010.17	569.70	583.38	996.49	76.41
		1135	19.36	8.06	-70.16	-16.26	-45.84	-36.20	1314.19	679.68	679.92	1313.95	12.48
		1091	25.47	29.18	1.59	24.79	5.98	10.09	1833.32	1408.80	1531.04	1711.07	-192.23
896	49	1061	15.32	13.70	-30.11	5.91	-22.31	-16.75	1063.87	878.49	894.25	1048.12	-51.70
		1116	12.68	26.89	-8.23	26.74	-8.08	2.30	953.30	514.53	532.92	934.91	87.92
		1135	17.98	4.27	-59.03	-19.27	-35.49	-30.60	1243.52	616.35	617.30	1242.57	24.37
		1091	24.37	30.47	0.87	18.75	12.58	14.48	1745.42	1359.77	1466.34	1638.85	-172.46
896	81	1061	15.24	13.28	-29.62	5.55	-21.89	-16.49	1058.12	874.99	890.23	1042.88	-50.59
		1116	12.59	26.75	-7.63	26.55	-7.43	2.62	949.17	510.41	529.17	930.41	88.76
		1135	17.88	4.02	-58.24	-19.49	-34.73	-30.18	1238.38	611.61	612.63	1237.36	25.24
		1091	24.29	30.72	0.65	18.31	13.07	14.80	1738.96	1356.12	1461.52	1633.56	-171.00
897	13	1103	15.18	47.89	-2.68	-2.22	47.43	4.80	23.81	-836.97	23.54	-836.70	-15.23
		1076	16.44	77.90	1.92	1.93	77.89	-0.92	14.67	-832.41	14.52	-832.27	11.10
		1098	18.19	83.47	1.09	1.42	83.15	5.17	15.87	-930.56	15.60	-930.29	15.98
		1104	16.77	52.01	-4.25	-2.72	50.47	9.17	16.45	-935.04	16.41	-935.00	-6.16
897	45	1103	14.98	35.20	-2.21	-1.45	34.45	5.26	17.80	-870.93	17.03	-870.17	-26.00
		1076	15.84	56.53	1.01	1.02	56.53	-0.35	8.21	-865.03	8.21	-865.03	0.35
		1098	17.58	61.93	0.65	0.75	61.83	2.53	8.92	-962.83	8.89	-962.79	5.55
		1104	16.56	38.95	-2.65	-1.61	37.91	6.49	9.78	-968.53	9.50	-968.25	-16.61
897	77	1103	14.97	34.25	-2.18	-1.39	33.46	5.29	17.36	-873.46	16.56	-872.65	-26.78
		1076	15.79	54.91	0.95	0.95	54.90	-0.30	7.74	-867.46	7.74	-867.46	-0.43
		1098	17.53	60.30	0.61	0.70	60.21	2.33	8.42	-965.23	8.40	-965.20	4.80
		1104	16.55	37.96	-2.53	-1.53	36.96	6.28	9.29	-971.02	8.99	-970.72	-17.36
898	13	1105	17.75	57.32	-2.40	-2.38	57.30	-1.23	13.06	-981.90	12.60	-981.44	21.33
		1075	19.39	92.62	1.84	2.02	92.43	-4.08	17.89	-978.07	16.85	-977.04	32.10
		1097	19.60	95.00	1.86	1.94	94.91	2.80	19.08	-985.07	17.89	-983.87	34.67
		1106	17.90	59.27	-2.82	-2.49	58.94	4.51	11.26	-987.37	10.74	-986.85	22.82
898	45	1105	17.46	42.60	-1.46	-1.45	42.59	0.54	5.36	-1017.23	5.28	-1017.15	9.04
		1075	18.66	68.29	0.97	1.05	68.21	-2.30	9.96	-1013.00	9.59	-1012.62	19.64
		1097	18.88	70.56	0.99	1.00	70.55	0.95	10.68	-1019.96	10.19	-1019.48	22.31
		1106	17.60	44.26	-1.63	-1.47	44.11	2.67	3.09	-1022.69	2.98	-1022.58	10.64
898	77	1105	17.44	41.48	-1.39	-1.38	41.47	0.68	4.80	-1019.85	4.74	-1019.79	8.15

		1075	18.60	66.44	0.90	0.97	66.37	-2.17	9.39	-1015.59	9.05	-1015.25	18.74
		1097	18.82	68.71	0.92	0.93	68.70	0.81	10.07	-1022.55	9.62	-1022.11	21.41
		1106	17.58	43.12	-1.54	-1.40	42.98	2.53	2.50	-1025.31	2.40	-1025.22	9.76
899	1	1062	5.33	16.06	-35.84	5.20	-24.98	-21.11	315.34	99.36	314.32	100.39	-14.82
		1118	5.21	17.57	-30.35	3.72	-16.51	-21.72	305.50	70.98	275.74	100.74	78.06
		1117	8.15	20.27	-29.80	8.44	-17.98	-21.27	530.34	352.56	424.48	458.41	87.26
		1090	8.63	22.36	-32.67	12.09	-22.41	-21.44	588.97	476.63	574.99	490.61	-37.08
899	49	1062	3.94	8.01	-20.71	5.12	-17.81	-8.65	274.29	140.68	273.96	141.02	6.69
		1118	4.40	9.94	-12.66	3.61	-6.34	-10.14	289.42	84.68	234.61	139.49	90.65
		1117	7.64	11.34	-12.11	7.57	-8.35	-8.61	547.72	310.41	363.24	494.89	98.72
		1090	8.05	13.43	-17.80	11.40	-15.77	-7.70	539.36	503.12	514.51	527.96	-16.83
899	81	1062	3.90	7.69	-20.07	4.87	-17.26	-8.38	272.71	139.04	272.31	139.44	7.31
		1118	4.38	9.74	-12.08	3.49	-5.83	-9.87	288.36	82.68	233.13	137.91	91.16
		1117	7.60	11.04	-11.45	7.34	-7.76	-8.34	546.49	307.97	361.27	493.20	99.36
		1090	8.01	12.99	-17.19	11.01	-15.21	-7.47	536.82	501.80	512.36	526.26	-16.08
900	20	1087	16.38	3.42	-3.74	-2.18	1.85	2.96	-25.19	-1094.92	-25.36	-1094.75	13.52
		1123	16.94	11.29	-5.80	-4.61	10.11	4.34	13.82	-1081.58	13.45	-1081.20	20.26
		1122	15.18	11.81	-1.31	-1.16	11.66	-1.40	31.54	-954.60	30.74	-953.80	28.09
		1064	14.65	3.12	-2.43	-2.00	2.69	-1.50	-6.85	-967.67	-7.08	-967.44	14.92
900	52	1087	15.35	-3.84	-8.83	-4.02	-8.64	0.94	-51.67	-1025.48	-52.09	-1025.06	20.23
		1123	15.37	3.86	-4.39	-4.18	3.66	1.28	-12.14	-1012.15	-12.89	-1011.41	27.26
		1122	13.62	5.06	-3.11	-2.42	4.37	-2.27	5.95	-885.52	4.53	-884.10	35.60
		1064	13.54	-2.96	-8.64	-3.68	-7.92	-1.89	-33.13	-898.42	-33.70	-897.85	22.14
900	84	1087	15.30	-4.04	-9.53	-4.16	-9.42	0.79	-53.60	-1020.37	-54.04	-1019.92	20.71
		1123	15.26	3.33	-4.30	-4.15	3.19	1.06	-14.03	-1007.04	-14.81	-1006.26	27.77
		1122	13.51	4.60	-3.28	-2.52	3.83	-2.34	4.09	-880.44	2.61	-878.96	36.15
		1064	13.48	-3.14	-9.37	-3.81	-8.70	-1.92	-35.04	-893.32	-35.64	-892.72	22.66
901	22	1145	9.05	21.80	1.07	1.13	21.75	-1.11	49.73	-506.38	44.77	-501.42	52.27
		1111	9.45	41.41	3.53	4.01	40.93	4.24	21.80	-490.68	20.61	-489.48	24.68
		1112	4.80	17.27	-5.70	-1.69	13.27	-8.72	31.22	-242.53	26.09	-237.40	37.11
		1143	6.08	26.90	2.00	2.95	25.95	-4.77	109.00	-255.06	99.71	-245.76	57.41
901	54	1145	8.32	17.76	-0.77	-2.46e-03	16.99	-3.70	49.85	-468.06	44.11	-462.33	54.18
		1111	8.57	33.46	1.82	1.82	33.45	-0.35	21.71	-451.92	20.11	-450.32	27.48
		1112	4.47	21.22	-2.68	-0.73	19.26	-6.55	34.28	-204.83	27.31	-197.86	40.22
		1143	5.29	20.20	-0.49	1.22	18.50	-5.69	100.60	-223.60	86.45	-209.45	66.25
901	86	1145	8.26	17.50	-0.94	-0.08	16.64	-3.89	49.85	-465.25	44.05	-459.45	54.33
		1111	8.50	32.91	1.64	1.66	32.90	-0.69	21.70	-449.08	20.06	-447.45	27.70
		1112	4.45	21.53	-2.50	-0.66	19.69	-6.39	34.52	-202.09	27.39	-194.96	40.46
		1143	5.24	19.73	-0.68	1.09	17.96	-5.75	100.07	-221.36	85.49	-206.77	66.89
902	4	1067	16.42	22.70	-2.21	1.47	19.02	8.84	-52.73	-1058.77	-52.86	-1058.64	11.53
		1128	16.29	19.62	-4.77	-0.51	15.37	9.26	-8.04	-1035.47	-8.19	-1035.31	-12.56
		1127	16.64	3.12	-7.22	-4.07	-0.03	-4.76	-43.17	-1123.70	-43.18	-1123.69	3.51
		1085	17.35	16.76	0.28	0.31	16.72	0.74	-86.05	-1141.79	-86.33	-1141.52	17.15
902	33	1067	15.18	-8.77	-31.97	-10.49	-30.26	6.06	-16.54	-933.15	-17.79	-931.90	33.76
		1128	14.11	-0.62	-14.95	-7.30	-8.26	7.15	26.43	-910.24	26.32	-910.14	10.00
		1127	15.01	7.36	-15.43	-5.41	-2.67	11.31	-6.77	-998.90	-7.44	-998.23	25.83
		1085	16.29	-7.22	-34.11	-9.96	-31.37	8.13	-48.41	-1016.05	-50.00	-1014.47	39.09
902	65	1067	15.16	-8.33	-30.75	-10.16	-28.92	6.14	-17.54	-936.51	-18.73	-935.31	33.17
		1128	14.12	-0.16	-14.58	-7.12	-7.62	7.21	25.49	-913.60	25.39	-913.51	9.40
		1127	15.05	6.98	-14.95	-5.37	-2.60	10.88	-7.76	-1002.25	-8.40	-1001.61	25.24
		1085	16.27	-6.96	-32.79	-9.68	-30.07	7.93	-49.44	-1019.42	-50.97	-1017.89	38.51
903	10	1110	12.53	48.78	-2.75	-1.73	47.76	-7.19	3.80	-671.60	3.50	-671.30	-14.18
		1095	13.66	74.39	0.74	0.99	74.15	-4.24	-2.09	-667.75	-3.32	-666.52	-28.57
		1072	10.25	70.47	1.54	1.54	70.47	0.14	-3.03	-453.00	-4.28	-451.74	-23.73
		1111	9.25	45.96	-0.97	-0.67	45.65	-3.79	13.11	-456.09	13.11	-456.09	-1.35
903	42	1110	11.76	39.04	-1.61	-0.99	38.42	-4.96	6.33	-650.59	6.31	-650.57	-3.50
		1095	12.61	58.95	0.45	0.53	58.87	-2.20	0.09	-645.82	-0.40	-645.34	-17.75
		1072	9.18	55.08	0.78	0.78	55.08	-0.10	-1.08	-430.50	-1.45	-430.13	-12.65
		1111	8.47	36.25	-0.85	-0.46	35.86	-3.76	16.04	-435.14	15.84	-434.94	9.58
903	74	1110	11.70	38.29	-1.52	-0.94	37.70	-4.79	6.52	-649.05	6.51	-649.04	-2.71
		1095	12.53	57.76	0.42	0.50	57.69	-2.04	0.26	-644.23	-0.19	-643.78	-16.96
		1072	9.10	53.90	0.73	0.73	53.90	-0.12	-0.92	-428.87	-1.25	-428.54	-11.84
		1111	8.41	35.50	-0.84	-0.45	35.11	-3.76	16.27	-433.63	16.03	-433.39	10.38
904	20	1088	11.40	2.02	-1.77	-1.66	1.90	0.64	-32.71	-767.22	-35.29	-764.64	43.44
		1121	12.04	11.07	-4.78	-4.54	10.83	1.94	8.11	-757.05	2.49	-751.43	65.34
		1120	9.40	13.77	-0.70	-0.15	13.22	-2.76	56.83	-549.14	46.76	-539.08	77.43
		1063	8.75	7.32	-2.43	0.13	4.75	-4.29	18.94	-554.70	15.80	-551.56	42.35
904	52	1088	10.82	-2.62	-8.27	-3.13	-7.76	-1.62	-28.03	-714.53	-29.86	-712.71	35.37
		1121	10.97	4.52	-4.00	-3.69	4.21	-1.60	12.19	-703.99	7.49	-699.30	57.80
		1120	8.33	7.69	-3.38	-1.18	5.49	-4.41	62.11	-495.29	53.29	-486.48	69.53
		1063	7.92	1.26	-8.55	-1.61	-5.68	-4.46	25.05	-501.38	22.85	-499.18	33.95
904	84	1088	10.79	-2.69	-9.03	-3.24	-8.48	-1.79	-27.70	-710.67	-29.47	-708.89	34.78
		1121	10.90	4.17	-4.07	-3.63	3.73	-1.86	12.47	-700.10	7.85	-695.47	57.25
		1120	8.25	7.32	-3.66	-1.26	4.92	-4.54	62.49	-491.34	53.77	-482.61	68.96
		1063	7.90	0.96	-9.15	-1.74	-6.45	-4.47	25.49	-497.47	23.36	-495.33	33.34
905	17	1083	11.41	-0.44	-30.20	-6.16	-24.47	11.73	287.43	-495.73	280.78	-489.09	71.85
		1131	9.97	12.05	-14.51	-2.87	0.40	13.18	232.35	-498.97	231.63	-498.24	-22.95

		1130	11.76	10.32	-21.52	-7.89	-3.31	15.75	149.57	-685.60	149.53	-685.56	-5.72
		1068	13.25	-1.81	-35.94	-10.93	-26.81	15.11	131.41	-727.73	126.57	-722.88	64.33
905	49	1083	10.53	2.41	-21.29	-3.93	-14.94	10.49	284.50	-463.71	279.24	-458.45	62.52
		1131	9.66	12.44	-12.20	-2.15	2.39	12.11	235.26	-468.97	233.86	-467.57	-31.39
		1130	11.40	10.32	-16.29	-6.15	0.17	12.92	147.91	-655.53	147.77	-655.40	-10.43
		1068	12.31	-9.87e-03	-25.52	-8.05	-17.49	11.85	126.04	-696.87	121.89	-692.72	58.29
905	81	1083	10.47	2.64	-20.65	-3.77	-14.24	10.40	284.29	-461.41	279.13	-456.24	61.84
		1131	9.63	12.47	-12.03	-2.10	2.54	12.03	235.49	-466.81	234.02	-465.35	-32.01
		1130	11.37	10.32	-15.91	-6.02	0.42	12.71	147.78	-653.36	147.64	-653.22	-10.77
		1068	12.24	0.13	-24.76	-7.83	-16.80	11.61	125.64	-694.64	121.54	-690.54	57.86
906	22	1107	19.00	28.31	-0.63	-0.61	28.29	-0.74	42.42	-1149.50	42.07	-1149.14	-20.53
		1074	19.88	45.62	-0.15	-0.13	45.60	-0.90	49.10	-1148.15	48.81	-1147.85	-18.70
		1096	18.61	45.35	-0.06	-0.02	45.31	-1.35	49.82	-1064.46	49.50	-1064.14	-18.84
		1108	17.76	28.84	0.08	0.28	28.65	-2.36	45.59	-1065.78	45.15	-1065.34	-21.99
906	54	1107	17.81	30.05	-0.56	-0.55	30.05	-0.50	17.47	-1077.18	17.41	-1077.12	-8.07
		1074	18.71	47.86	0.01	0.03	47.84	-0.87	24.64	-1075.43	24.61	-1075.40	-6.03
		1096	17.44	47.52	0.06	0.08	47.50	-1.04	24.88	-991.79	24.85	-991.77	-5.39
		1108	16.56	30.26	-0.22	-0.12	30.15	-1.77	20.10	-993.48	20.03	-993.41	-8.75
906	86	1107	17.72	30.17	-0.55	-0.54	30.16	-0.48	15.64	-1071.87	15.60	-1071.82	-7.15
		1074	18.62	48.00	0.02	0.04	47.98	-0.87	22.85	-1070.09	22.83	-1070.06	-5.09
		1096	17.35	47.66	0.06	0.08	47.64	-1.02	23.06	-986.46	23.04	-986.44	-4.40
		1108	16.48	30.35	-0.24	-0.14	30.25	-1.73	18.24	-988.17	18.18	-988.11	-7.77
907	13	1112	5.27	43.24	-6.15	-2.92	40.01	-12.21	39.80	-174.89	34.30	-169.40	33.90
		1094	6.05	71.82	0.86	1.21	71.48	-4.94	8.43	-163.14	8.06	-162.76	-8.06
		1071	4.95	66.55	1.94	1.94	66.55	-0.04	114.47	7.09	7.12	114.43	-1.86
		1113	3.79	44.48	-1.29	-0.87	44.07	-4.32	141.69	17.99	43.87	115.81	50.32
907	45	1112	4.67	33.70	-3.29	-1.39	31.80	-8.16	36.97	-172.22	30.10	-165.35	37.27
		1094	5.06	53.10	0.47	0.61	52.96	-2.70	3.89	-159.77	3.74	-159.62	-4.94
		1071	4.12	47.90	0.94	0.95	47.90	-0.33	117.49	2.27	2.27	117.48	0.83
		1113	3.31	32.68	-0.97	-0.35	32.06	-4.53	146.11	12.39	38.88	119.62	53.30
907	77	1112	4.62	32.97	-3.08	-1.28	31.17	-7.86	36.78	-172.03	29.81	-165.05	37.52
		1094	4.98	51.68	0.44	0.57	51.56	-2.52	3.57	-159.53	3.44	-159.40	-4.72
		1071	4.05	46.49	0.87	0.87	46.49	-0.35	117.71	1.92	1.93	117.70	1.02
		1113	3.27	31.80	-0.96	-0.31	31.15	-4.55	146.44	11.99	38.53	119.90	53.52
908	23	1116	13.78	3.40	-8.89	3.38	-8.87	-0.55	1026.54	449.23	460.16	1015.60	78.70
		1138	12.42	5.89	-9.01	3.07	-6.19	-5.84	872.97	174.09	178.45	868.61	55.02
		1132	15.07	9.34	1.34	4.50	6.18	-3.91	1059.62	162.87	163.49	1058.99	-23.71
		1135	19.03	34.04	-31.06	31.60	-28.61	12.37	1343.88	614.38	615.68	1342.58	-30.78
908	55	1116	12.62	1.59	-4.32	1.56	-4.29	-0.43	955.50	437.37	452.04	940.83	85.93
		1138	11.24	6.70	-1.18	2.58	2.93	-3.93	815.18	167.72	173.94	808.96	63.15
		1132	14.84	17.50	3.12	3.31	17.31	-1.63	1006.62	161.71	161.77	1006.57	-6.68
		1135	17.68	30.10	-25.20	27.54	-22.64	11.63	1269.51	608.96	609.40	1269.07	-17.05
908	87	1116	12.54	1.46	-3.99	1.43	-3.96	-0.42	950.33	436.47	451.45	935.34	86.47
		1138	11.22	6.91	-0.76	2.55	3.59	-3.80	810.97	167.24	173.62	804.59	63.75
		1132	14.83	18.27	3.08	3.23	18.12	-1.47	1002.75	161.62	161.66	1002.72	-5.43
		1135	17.58	29.82	-24.78	27.25	-22.21	11.56	1264.07	608.56	608.95	1263.68	-16.04
909	17	1101	11.17	26.85	-5.97	1.39	19.49	13.69	45.38	-629.70	7.11	-591.44	-156.10
		1077	11.67	38.78	1.67	2.36	38.10	4.98	-0.11	-651.32	-13.96	-637.47	-93.94
		1099	14.89	48.24	-0.17	1.71	46.36	9.36	4.93	-830.20	-8.93	-816.34	-106.68
		1102	14.35	31.43	-7.80	-0.06	23.69	15.61	32.46	-834.58	2.98	-805.11	-157.12
909	49	1101	10.28	22.00	-5.74	1.47	14.78	12.17	45.50	-587.70	8.87	-551.08	-147.81
		1077	10.56	28.98	0.83	1.37	28.44	3.86	0.94	-608.44	-11.73	-595.77	-86.94
		1099	13.76	38.40	0.09	1.17	37.31	6.35	2.94	-787.99	-9.66	-775.38	-99.04
		1102	13.41	25.78	-5.69	0.50	19.59	12.51	29.85	-793.05	2.21	-765.41	-148.26
909	81	1101	10.21	21.64	-5.73	1.47	14.44	12.06	45.50	-584.63	9.00	-548.13	-147.20
		1077	10.48	28.25	0.77	1.30	27.72	3.77	1.02	-605.30	-11.57	-592.72	-86.43
		1099	13.67	37.67	0.10	1.13	36.64	6.13	2.79	-784.90	-9.72	-772.39	-98.48
		1102	13.34	25.36	-5.53	0.54	19.28	12.28	29.66	-790.02	2.15	-762.51	-147.61
910	10	1143	5.82	27.96	-3.84	0.03	24.09	-10.40	102.23	-227.51	88.96	-214.24	64.81
		1112	5.67	46.13	0.94	2.36	44.71	-7.89	46.32	-200.65	41.34	-195.68	34.69
		1113	3.27	43.81	2.89	3.40	43.29	-4.55	124.57	16.51	51.68	89.40	50.63
		1144	3.53	26.49	-1.14	1.88	23.46	-8.63	197.12	16.10	130.44	82.78	87.32
910	42	1143	5.21	21.09	-3.51	-0.18	17.77	-8.40	98.37	-211.22	82.14	-194.98	69.01
		1112	4.87	35.13	-9.08e-03	1.13	33.99	-6.22	41.46	-184.76	34.70	-177.99	38.54
		1113	3.06	32.46	0.97	1.68	31.74	-4.68	138.09	12.43	43.54	106.98	54.23
		1144	3.39	19.84	-1.79	1.17	16.88	-7.44	203.64	20.24	122.23	101.65	91.12
910	74	1143	5.17	20.57	-3.47	-0.20	17.30	-8.24	98.12	-210.05	81.64	-193.57	69.33
		1112	4.81	34.29	-0.08	1.04	33.18	-6.08	41.13	-183.62	34.21	-176.70	38.82
		1113	3.05	31.60	0.83	1.56	30.87	-4.68	139.13	12.06	42.94	108.26	54.50
		1144	3.38	19.35	-1.84	1.12	16.39	-7.34	204.21	20.45	121.63	103.03	91.41
911	10	62	20.80	53.52	-7.67	53.52	-7.67	0.22	1328.28	218.45	1170.80	375.93	387.26
		1081	8.43	70.92	18.17	70.28	18.81	-5.81	295.18	-119.68	280.32	-104.82	-77.09
		1153	7.26	38.48	2.78	36.44	4.81	8.27	375.95	-82.67	298.41	-5.13	-171.90
		1082	12.93	45.15	-13.96	44.85	-13.66	4.18	825.08	338.86	819.95	343.99	-49.66
911	42	62	19.91	38.22	-5.01	38.22	-5.01	-0.06	1308.94	216.59	1185.53	340.00	345.80
		1081	8.62	52.38	11.60	52.24	11.74	-2.41	341.06	-150.28	315.41	-124.63	-109.30
		1153	7.68	28.34	0.16	26.25	2.25	7.38	412.45	-107.36	325.27	-20.18	-194.21

		1082	12.71	35.90	-7.81	35.89	-7.80	0.57	831.29	289.63	821.64	299.29	-71.68
911	74	62	19.85	37.04	-4.80	37.04	-4.80	-0.08	1307.66	216.27	1186.60	337.33	342.74
		1081	8.63	50.97	11.08	50.85	11.20	-2.14	344.50	-152.54	317.99	-126.03	-111.69
		1153	7.71	27.56	-0.04	25.47	2.05	7.31	415.14	-109.16	327.24	-21.26	-195.85
		1082	12.70	35.21	-7.36	35.20	-7.35	0.29	831.79	285.93	821.75	295.96	-73.31
912	4	1128	16.27	20.65	-3.82	1.21	15.62	9.89	-4.39	-1034.04	-4.57	-1033.85	-13.79
		1149	15.61	12.83	-5.28	-0.84	8.39	7.79	5.83	-1005.95	5.28	-1005.40	-23.67
		1148	16.76	7.70	-1.68	-1.64	7.65	-0.65	-18.47	-1098.44	-18.49	-1098.41	-5.11
		1127	17.21	13.68	-0.02	0.19	13.46	1.69	-39.20	-1121.56	-39.20	-1121.56	1.84
912	36	1128	15.30	12.38	-7.53	-2.15	7.00	8.85	5.23	-988.92	5.21	-988.89	-4.90
		1149	15.13	13.72	-5.76	-2.08	10.03	7.63	14.96	-961.83	14.74	-961.61	-14.66
		1148	16.32	10.66	-2.81	-2.29	10.15	2.59	-8.13	-1054.68	-8.15	-1054.67	3.61
		1127	16.27	7.10	-4.26	-2.56	5.39	4.06	-28.44	-1076.80	-28.54	-1076.70	10.44
912	68	1128	15.23	11.77	-7.83	-2.40	6.34	8.77	5.95	-985.57	5.94	-985.55	-4.27
		1149	15.09	13.79	-5.80	-2.17	10.16	7.61	15.65	-958.56	15.45	-958.36	-14.02
		1148	16.29	10.94	-2.94	-2.34	10.33	2.84	-7.36	-1051.43	-7.37	-1051.41	4.23
		1127	16.20	6.68	-4.67	-2.76	4.78	4.24	-27.63	-1073.47	-27.75	-1073.36	11.04
913	27	1131	10.26	8.69	-11.46	-4.06	1.29	9.71	233.07	-525.27	231.52	-523.72	34.25
		1137	9.23	19.11	-7.84	-2.18	13.44	10.98	144.71	-472.93	143.99	-472.20	-21.19
		1152	11.29	18.72	-9.27	-5.20	14.65	9.87	90.25	-646.18	89.00	-644.93	30.26
		1130	12.32	13.11	-12.63	-6.58	7.06	10.91	139.34	-712.07	133.90	-706.63	67.84
913	59	1131	9.76	10.90	-10.80	-3.72	3.83	10.17	232.58	-481.74	231.57	-480.74	26.77
		1137	8.69	17.99	-7.59	-2.19	12.59	10.44	147.86	-435.81	146.51	-434.46	-27.97
		1152	10.71	17.69	-8.96	-5.10	13.84	9.37	92.97	-607.88	92.23	-607.14	22.86
		1130	11.63	11.74	-12.26	-6.49	5.96	10.26	139.50	-668.18	135.08	-663.75	59.62
913	91	1131	9.73	11.07	-10.76	-3.70	4.01	10.21	232.54	-478.55	231.57	-477.58	26.22
		1137	8.65	17.91	-7.57	-2.19	12.53	10.40	148.10	-433.09	146.70	-431.69	-28.47
		1152	10.67	17.62	-8.94	-5.10	13.78	9.34	93.17	-605.07	92.46	-604.36	22.32
		1130	11.58	11.64	-12.25	-6.49	5.88	10.22	139.52	-664.95	135.17	-660.60	59.02
914	22	1140	17.44	21.87	-0.96	-0.81	21.72	1.85	28.23	-1074.62	28.17	-1074.56	8.11
		1108	17.48	26.70	-1.64	-1.24	26.31	-3.33	42.05	-1053.72	42.04	-1053.72	1.19
		1109	15.59	26.40	-2.24	-1.50	25.65	-4.57	48.37	-925.79	48.37	-925.78	1.56
		1142	15.82	25.43	-0.09	7.88e-03	25.33	-1.59	41.57	-948.53	41.43	-948.38	11.84
914	54	1140	15.98	17.76	-1.40	-1.40	17.76	-0.14	6.04	-1001.05	5.54	-1000.55	22.58
		1108	16.44	29.34	-0.96	-0.74	29.12	-2.58	18.67	-987.72	18.52	-987.57	12.18
		1109	14.53	28.80	-1.26	-0.81	28.34	-3.65	24.24	-859.95	24.03	-859.74	13.62
		1142	14.27	19.66	-1.19	-0.89	19.35	-2.51	18.82	-875.23	17.97	-874.39	27.44
914	86	1140	15.88	17.47	-1.44	-1.44	17.47	-0.28	4.44	-995.66	3.88	-995.10	23.65
		1108	16.36	29.53	-0.92	-0.71	29.32	-2.53	16.97	-982.87	16.80	-982.70	12.99
		1109	14.46	28.96	-1.20	-0.77	28.53	-3.58	22.49	-855.12	22.25	-854.88	14.52
		1142	14.16	19.24	-1.28	-0.95	18.91	-2.58	17.17	-869.86	16.25	-868.94	28.60
915	3	1138	13.01	28.61	1.24	5.31	24.54	9.74	849.29	159.11	171.19	837.21	90.51
		1115	12.95	33.59	3.10	8.06	28.62	11.26	769.53	-4.66	-0.80	765.66	54.56
		1134	16.14	53.35	2.45	8.88	46.91	16.92	935.13	14.96	15.05	935.04	9.26
		1132	16.20	35.52	-4.80	3.60	27.12	16.37	1066.11	184.17	184.95	1065.32	26.31
915	35	1138	11.92	19.09	2.93	3.47	18.56	2.89	801.72	157.77	173.19	786.29	98.48
		1115	11.85	23.72	2.88	3.46	23.14	3.43	721.45	10.66	14.89	717.23	54.65
		1134	14.71	34.40	3.07	4.21	33.27	5.86	882.93	16.43	16.68	882.67	14.98
		1132	15.08	24.76	-0.59	3.48	20.69	9.31	1015.50	185.08	186.46	1014.12	33.82
915	67	1138	11.84	18.46	2.96	3.33	18.09	2.37	798.22	157.68	173.39	782.51	99.07
		1115	11.76	23.11	2.71	3.12	22.71	2.83	717.86	11.79	16.05	713.60	54.68
		1134	14.60	33.11	3.00	3.86	32.24	5.03	879.04	16.57	16.84	878.77	15.40
		1132	14.99	23.95	-0.28	3.48	20.19	8.77	1011.75	185.18	186.61	1010.32	34.37
916	3	1139	8.65	24.35	1.11	3.17	22.29	6.61	539.43	97.91	128.84	508.50	112.69
		1114	8.76	31.97	2.55	5.16	29.35	8.37	486.40	1.99	10.46	477.92	63.50
		1115	11.67	2.08	-22.83	-7.48	-13.27	-12.11	733.34	-4.61	-1.51	730.24	47.76
		1138	12.75	27.44	-4.22	-1.02	24.24	9.54	815.96	132.92	146.64	802.24	95.83
916	35	1139	7.65	16.24	2.16	2.18	16.21	0.56	507.22	107.61	142.25	472.57	112.45
		1114	7.87	24.37	2.22	2.34	24.25	1.62	454.56	14.57	24.21	444.92	64.41
		1115	10.64	8.68	-8.69	-3.57	3.57	-7.92	700.99	10.59	14.22	697.37	49.90
		1138	11.72	18.67	-0.33	0.24	18.09	3.26	781.83	147.00	162.19	766.65	97.01
916	67	1139	7.58	15.74	2.11	2.11	15.74	0.10	504.87	108.28	143.26	469.90	112.46
		1114	7.80	23.91	2.08	2.13	23.85	1.11	452.21	15.50	25.24	442.47	64.50
		1115	10.65	9.39	-7.84	-3.27	4.83	-7.61	698.60	11.72	15.39	694.93	50.09
		1138	11.64	18.05	-0.10	0.34	17.62	2.78	779.31	148.04	163.35	764.00	97.12
917	20	1124	18.55	11.61	-2.77	-1.22	10.05	4.47	3.31	-1200.02	2.97	-1199.68	20.27
		1141	18.79	16.72	-3.59	-1.74	14.88	5.84	27.75	-1186.31	27.64	-1186.19	11.94
		1140	17.82	20.34	-0.19	-0.19	20.34	-0.13	34.70	-1101.83	34.47	-1101.60	16.21
		1123	17.37	10.72	-0.62	-0.62	10.72	-0.12	12.59	-1114.93	12.03	-1114.37	25.19
917	52	1124	16.74	4.16	-3.58	-2.79	3.37	2.35	-22.29	-1111.74	-23.13	-1110.91	30.21
		1141	17.25	14.78	-2.34	-1.92	14.36	2.64	2.67	-1098.26	2.23	-1097.81	22.09
		1140	16.17	17.17	-1.14	-1.08	17.11	-0.99	9.51	-1014.01	8.81	-1013.31	26.85
		1123	15.56	3.94	-2.44	-2.34	3.85	-0.75	-13.07	-1026.95	-14.32	-1025.70	35.62
917	84	1124	16.61	3.62	-3.64	-2.90	2.88	2.19	-24.16	-1105.25	-25.04	-1104.36	30.93
		1141	17.14	14.68	-2.29	-1.94	14.33	2.41	0.84	-1091.78	0.37	-1091.30	22.83
		1140	16.05	16.94	-1.21	-1.15	16.88	-1.05	7.68	-1007.55	6.93	-1006.80	27.63
		1123	15.43	3.45	-2.58	-2.47	3.34	-0.80	-14.93	-1020.49	-16.25	-1019.17	36.38

918	10	1148	15.97	24.42	-5.92	-4.70	23.20	5.97	-9.10	-982.19	-9.94	-981.35	-28.57
		1104	16.90	48.83	-0.69	-0.54	48.69	2.71	-4.86	-965.32	-5.56	-964.62	-26.02
		1105	17.74	52.10	-1.01	-0.33	51.42	5.94	-10.16	-1014.56	-10.48	-1014.23	-18.11
		1151	16.50	24.42	-6.65	-4.75	22.53	7.43	-21.79	-1026.19	-22.11	-1025.88	-17.76
918	42	1148	15.94	18.92	-5.21	-3.76	17.47	5.73	-4.32	-999.53	-4.40	-999.46	-8.77
		1104	16.63	37.59	-0.90	-0.69	37.37	2.87	0.18	-982.38	0.14	-982.34	-6.60
		1105	17.45	40.27	-0.84	-0.50	39.93	3.70	-5.29	-1032.14	-5.30	-1032.14	1.56
		1151	16.52	19.16	-4.88	-3.58	17.85	5.45	-17.07	-1044.18	-17.07	-1044.17	2.31
918	74	1148	15.94	18.51	-5.16	-3.68	17.04	5.72	-3.94	-1000.86	-3.99	-1000.80	-7.30
		1104	16.61	36.73	-0.92	-0.70	36.50	2.88	0.58	-983.68	0.55	-983.66	-5.16
		1105	17.43	39.36	-0.83	-0.51	39.05	3.53	-4.91	-1033.48	-4.92	-1033.47	3.03
		1151	16.52	18.75	-4.75	-3.49	17.49	5.29	-16.69	-1045.55	-16.71	-1045.54	3.80
919	22	1120	8.85	7.90	-7.32	-5.00	5.58	-5.47	65.45	-518.64	55.46	-508.65	75.73
		1145	9.19	23.71	0.70	0.83	23.59	-1.69	53.28	-507.20	44.14	-498.06	70.98
		1143	6.20	26.85	-1.43	-1.07	26.49	-3.15	94.67	-267.09	74.41	-246.82	83.19
		1119	6.04	14.79	-3.57	2.48	8.74	-8.63	136.45	-272.55	118.40	-254.50	84.00
919	54	1120	8.05	5.50	-7.09	-3.26	1.67	-5.79	64.93	-480.23	54.47	-469.77	74.78
		1145	8.40	18.67	-0.86	0.09	17.71	-4.21	52.76	-468.86	43.08	-459.18	70.38
		1143	5.38	19.88	-1.68	-0.37	18.57	-5.15	96.61	-230.38	74.14	-207.90	82.73
		1119	5.33	9.98	-5.43	1.02	3.53	-7.60	137.76	-235.17	118.20	-215.62	83.13
919	86	1120	7.99	5.36	-7.10	-3.13	1.39	-5.81	64.88	-477.41	54.38	-466.91	74.72
		1145	8.35	18.33	-1.02	0.04	17.28	-4.39	52.71	-466.05	42.99	-456.33	70.35
		1143	5.32	19.41	-1.74	-0.32	17.99	-5.29	96.76	-227.71	74.10	-205.04	82.71
		1119	5.28	9.64	-5.57	0.92	3.16	-7.52	137.86	-232.44	118.17	-212.76	83.08
920	23	1081	9.52	35.08	-0.50	34.46	0.12	4.66	515.52	-15.67	512.14	-12.28	-42.27
		1080	4.29	28.09	1.01	28.01	1.08	-1.43	166.48	-87.24	100.72	-21.47	-111.18
		1154	8.03	22.81	-4.77	21.03	-2.98	6.78	321.16	-273.29	120.61	-72.74	-281.07
		1153	9.10	24.15	2.05	23.86	2.34	2.52	467.86	-164.36	332.24	-28.75	-259.51
920	55	1081	8.96	33.38	0.01	32.72	0.68	4.65	490.81	-0.55	489.66	0.59	-23.68
		1080	3.49	26.04	0.63	26.01	0.65	-0.83	130.25	-70.22	76.07	-16.04	-89.02
		1154	7.54	21.97	-5.11	19.97	-3.10	7.08	293.26	-259.01	100.93	-66.67	-263.11
		1153	8.52	23.13	3.11	22.89	3.34	2.15	444.91	-144.42	314.15	-13.66	-244.87
920	87	1081	8.92	33.28	0.05	32.61	0.71	4.66	489.04	0.50	488.02	1.52	-22.32
		1080	3.44	25.91	0.60	25.89	0.63	-0.79	127.60	-68.99	74.27	-15.66	-87.41
		1154	7.51	21.92	-5.13	19.90	-3.11	7.11	291.23	-257.98	99.49	-66.24	-261.80
		1153	8.48	23.07	3.18	22.84	3.41	2.13	443.24	-142.98	312.83	-12.57	-243.81
921	4	69	47.07	55.95	-122.57	41.28	-107.89	-49.03	2879.67	62.10	1637.17	1304.61	1398.93
		1210	22.33	-9.42	-39.59	-27.88	-21.13	14.70	1665.81	627.72	1432.65	860.89	433.22
		1211	15.23	-11.52	-40.76	-28.29	-23.99	-14.46	892.58	-24.39	304.77	563.41	439.87
		1183	16.32	-70.23	-149.64	-97.60	-122.26	37.74	238.75	-811.27	-752.42	179.90	-241.52
921	36	69	46.23	60.24	-114.79	46.36	-100.92	-47.29	2840.15	81.37	1578.51	1343.01	1374.36
		1210	21.16	-2.95	-37.20	-21.75	-18.40	17.04	1600.86	600.41	1374.00	827.28	418.93
		1211	15.13	-8.01	-38.56	-25.65	-20.92	-15.09	895.78	-10.38	301.23	584.17	430.43
		1183	17.08	-60.93	-146.77	-93.23	-114.47	41.58	280.18	-818.82	-750.41	211.77	-265.52
921	68	69	46.17	60.55	-114.21	46.73	-100.40	-47.16	2837.23	82.74	1574.08	1345.89	1372.51
		1210	21.07	-2.46	-37.04	-21.31	-18.20	17.22	1596.01	598.35	1369.58	824.78	417.89
		1211	15.12	-7.74	-38.39	-25.45	-20.69	-15.14	896.05	-9.36	300.97	585.72	429.74
		1183	17.14	-60.23	-146.56	-92.90	-113.89	41.87	283.28	-819.42	-750.28	214.14	-267.33
922	4	1210	21.21	30.40	-13.41	28.61	-11.63	-8.66	1609.18	774.62	1297.70	1086.10	403.64
		1156	12.37	14.34	-24.10	-1.92	-7.84	18.99	922.14	604.76	646.56	880.34	107.33
		1212	6.13	31.28	-45.23	-44.08	30.13	-9.30	356.82	283.51	283.74	356.58	4.15
		1211	8.66	-42.09	-99.90	-94.28	-47.72	17.13	458.22	94.71	287.98	264.95	181.39
922	36	1210	21.16	31.86	-9.76	31.31	-9.21	-4.73	1588.32	786.93	1265.20	1110.05	393.11
		1156	12.10	19.78	-24.62	0.98	-5.82	21.94	889.96	579.44	613.27	856.13	96.75
		1212	5.94	32.54	-42.68	-41.45	31.31	-9.54	335.10	266.81	267.28	334.63	-5.67
		1211	8.23	-36.84	-99.07	-90.80	-45.10	21.11	450.71	108.62	272.29	287.04	170.89
922	68	1210	21.15	31.99	-9.51	31.51	-9.03	-4.44	1586.85	787.76	1262.76	1111.85	392.36
		1156	12.08	20.17	-24.66	1.19	-5.67	22.15	887.62	577.48	610.77	854.33	96.00
		1212	5.93	32.63	-42.49	-41.25	31.40	-9.56	333.60	265.46	266.06	333.00	-6.36
		1211	8.20	-36.44	-99.01	-90.54	-44.91	21.41	450.26	109.55	271.12	288.69	170.13
923	19	1156	12.15	29.94	-15.00	4.14	10.80	22.22	851.25	522.35	553.14	820.46	95.81
		1209	8.20	25.60	-9.74	3.42	12.44	17.09	495.89	-6.56	-6.41	495.74	8.67
		1213	7.06	17.34	-24.66	-24.18	16.86	4.46	277.83	-146.79	-122.73	253.76	-98.19
		1212	4.82	14.00	-44.06	-43.79	13.74	3.89	303.41	186.91	194.52	295.80	-28.78
923	51	1156	12.12	26.57	-9.26	8.13	9.19	17.90	858.91	529.97	564.98	823.90	101.44
		1209	7.99	22.65	-3.14	7.54	11.97	12.70	498.70	5.04	5.45	498.29	14.24
		1213	6.96	16.08	-23.39	-23.37	16.06	0.88	278.52	-134.42	-112.22	256.33	-93.12
		1212	4.75	11.99	-43.04	-43.03	11.98	0.38	304.87	199.48	205.06	299.29	-23.58
923	83	1156	12.12	26.33	-8.85	8.41	9.07	17.59	859.44	530.51	565.83	824.12	101.84
		1209	7.98	22.43	-2.67	7.83	11.94	12.38	498.88	5.87	6.30	498.45	14.62
		1213	6.96	16.01	-23.33	-23.32	16.00	0.62	278.56	-133.54	-111.47	256.49	-92.77
		1212	4.75	11.86	-42.98	-42.98	11.86	0.12	304.95	200.37	205.81	299.52	-23.22
924	9	1209	7.82	27.25	2.21	16.05	13.41	12.45	477.83	-37.19	-37.08	477.72	7.40
		1157	10.13	21.99	3.22	15.85	9.35	8.80	249.83	-480.53	-479.59	248.89	-26.16
		1214	10.44	9.99	-12.41	-11.54	9.11	4.34	180.83	-536.37	-520.39	164.84	-105.87
		1213	7.06	12.75	-20.27	-20.15	12.64	1.95	255.85	-192.23	-168.55	232.18	-100.24
924	41	1209	7.80	23.17	2.70	13.51	12.36	10.22	489.90	-8.09	-7.59	489.40	15.89

		1157	9.64	17.87	4.43	13.28	9.01	6.37	258.37	-450.35	-449.90	257.92	-17.83
		1214	10.18	9.58	-12.93	-12.74	9.39	2.06	187.71	-505.00	-490.92	173.63	-97.74
		1213	6.93	12.99	-21.82	-21.82	12.99	0.03	264.58	-160.26	-139.30	243.62	-92.00
924	73	1209	7.80	22.87	2.73	13.33	12.28	10.06	490.79	-5.97	-5.42	490.24	16.49
		1157	9.61	17.57	4.52	13.10	8.99	6.19	259.00	-448.14	-447.72	258.58	-17.24
		1214	10.16	9.57	-12.99	-12.82	9.41	1.90	188.21	-502.70	-488.75	174.26	-97.17
		1213	6.92	13.01	-21.94	-21.94	13.01	-0.11	265.22	-157.92	-137.15	244.45	-91.42
925	13	1157	10.34	20.04	4.03	14.99	9.08	7.43	253.83	-495.45	-494.67	253.05	-24.10
		1208	14.29	17.75	1.77	14.40	5.13	6.51	107.84	-853.08	-851.58	106.35	-37.86
		1215	14.36	6.53	-9.74	-7.88	4.67	5.17	105.93	-869.30	-861.15	97.78	-88.77
		1214	10.70	9.11	-11.72	-11.28	8.68	2.97	179.38	-554.97	-540.22	164.63	-103.05
925	45	1157	9.74	16.93	4.71	12.86	8.78	5.76	261.63	-456.19	-455.81	261.25	-16.44
		1208	13.63	14.22	3.10	12.21	5.11	4.28	114.22	-813.64	-812.64	113.23	-30.37
		1215	13.90	5.59	-9.50	-8.90	4.99	2.96	111.55	-829.41	-822.30	104.44	-81.46
		1214	10.31	9.09	-12.86	-12.77	9.00	1.43	185.91	-514.75	-501.45	172.62	-95.58
925	77	1157	9.70	16.71	4.76	12.71	8.75	5.64	262.19	-453.29	-452.94	261.84	-15.90
		1208	13.58	13.96	3.20	12.05	5.11	4.12	114.68	-810.73	-809.77	113.71	-29.84
		1215	13.87	5.55	-9.51	-8.98	5.01	2.80	111.95	-826.46	-819.43	104.92	-80.94
		1214	10.28	9.10	-12.96	-12.88	9.02	1.31	186.38	-511.78	-498.59	173.19	-95.05
926	1	1208	14.56	15.22	1.38	13.18	3.42	4.91	109.11	-872.11	-870.74	107.74	-36.65
		1158	18.22	15.21	-0.09	12.61	2.51	5.74	18.57	-1164.97	-1163.61	17.20	-40.14
		1216	18.13	5.31	-8.73	-5.87	2.44	5.66	47.00	-1163.50	-1159.51	43.01	-69.39
		1215	14.66	5.82	-8.59	-7.67	4.90	3.52	104.43	-889.43	-881.70	96.70	-87.30
926	33	1208	13.76	13.09	2.85	11.64	4.30	3.57	116.04	-821.95	-821.01	115.10	-29.68
		1158	17.41	12.27	1.25	10.98	2.55	3.55	24.91	-1114.84	-1113.86	23.93	-33.41
		1216	17.51	3.56	-8.28	-7.16	2.45	3.45	52.87	-1113.36	-1109.97	49.48	-62.82
		1215	14.05	5.40	-9.22	-8.88	5.07	2.19	110.68	-839.05	-832.18	103.81	-80.50
926	65	1208	13.70	12.94	2.96	11.53	4.37	3.47	116.52	-818.24	-817.32	115.61	-29.19
		1158	17.35	12.06	1.35	10.86	2.55	3.39	25.36	-1111.12	-1110.17	24.40	-32.94
		1216	17.46	3.46	-8.27	-7.26	2.45	3.29	53.29	-1109.64	-1106.29	49.93	-62.36
		1215	14.00	5.39	-9.28	-8.97	5.08	2.09	111.12	-835.32	-828.50	104.31	-80.02
927	1	1158	18.45	12.90	-0.05	11.87	0.97	3.50	19.84	-1180.92	-1179.66	18.58	-38.78
		1207	21.62	13.60	-1.17	11.41	1.01	5.25	-35.55	-1420.44	-1419.49	-36.50	-36.32
		1217	21.43	4.24	-8.96	-5.80	1.07	5.64	2.40	-1407.44	-1406.85	1.80	-28.99
		1216	18.40	3.29	-7.63	-6.42	2.08	3.43	46.89	-1179.63	-1175.85	43.11	-67.99
927	33	1158	17.53	11.31	1.18	10.64	1.85	2.52	26.33	-1122.18	-1121.24	25.39	-32.79
		1207	20.70	11.11	0.04	10.07	1.08	3.23	-29.25	-1361.82	-1361.11	-29.96	-30.61
		1217	20.70	2.40	-8.30	-6.91	1.01	3.60	10.09	-1350.87	-1349.94	9.16	-35.54
		1216	17.64	2.86	-8.02	-7.46	2.29	2.42	52.95	-1121.10	-1117.80	49.65	-62.16
927	65	1158	17.46	11.20	1.27	10.55	1.91	2.45	26.78	-1117.80	-1116.88	25.87	-32.38
		1207	20.63	10.94	0.12	9.97	1.09	3.08	-28.81	-1357.45	-1356.76	-29.50	-30.21
		1217	20.64	2.28	-8.27	-6.99	1.00	3.45	10.63	-1346.64	-1345.69	9.68	-36.02
		1216	17.58	2.84	-8.06	-7.53	2.31	2.34	53.37	-1116.73	-1113.47	50.11	-61.75
928	2	1207	22.06	17.63	0.97	17.56	1.04	1.11	-32.12	-1429.88	-1429.84	-32.16	-6.89
		1159	24.67	17.34	1.98	17.25	2.08	1.19	-65.39	-1622.12	-1622.11	-65.40	-1.86
		1218	24.35	1.12	-7.64	-7.17	0.65	1.96	-19.81	-1607.94	-1607.89	-19.86	-9.03
		1217	21.75	1.70	-7.69	-7.32	1.33	1.84	7.65	-1419.61	-1419.26	7.30	-22.48
928	34	1207	20.91	13.05	0.97	12.91	1.11	1.32	-27.31	-1366.27	-1366.05	-27.53	-17.20
		1159	23.53	12.60	1.02	12.44	1.19	1.38	-60.84	-1558.44	-1558.34	-60.94	-11.90
		1218	23.44	0.91	-8.00	-7.53	0.45	1.98	-15.33	-1544.83	-1544.59	-15.57	-18.92
		1217	20.85	1.51	-7.99	-7.63	1.15	1.83	12.54	-1356.72	-1355.94	11.77	-32.65
928	66	1207	20.83	12.72	0.96	12.57	1.12	1.34	-26.96	-1361.51	-1361.26	-27.21	-17.95
		1159	23.44	12.26	0.95	12.09	1.12	1.39	-60.52	-1553.66	-1553.56	-60.62	-12.63
		1218	23.37	0.90	-8.02	-7.56	0.43	1.98	-15.01	-1540.09	-1539.84	-15.27	-19.64
		1217	20.78	1.50	-8.02	-7.65	1.13	1.83	12.90	-1352.00	-1351.18	12.08	-33.39
929	2	1159	24.86	17.40	0.25	17.30	0.34	1.30	-65.26	-1631.75	-1631.75	-65.27	-2.40
		1206	26.88	17.15	1.77	17.03	1.88	1.32	-85.15	-1778.93	-1778.92	-85.17	4.75
		1219	26.53	0.94	-7.89	-7.37	0.41	2.08	-38.14	-1762.02	-1762.02	-38.14	2.04
		1218	24.50	1.22	-7.92	-7.37	0.67	2.18	-20.03	-1617.46	-1617.41	-20.08	-9.45
929	34	1159	23.62	12.64	0.24	12.47	0.40	1.43	-60.50	-1563.11	-1563.01	-60.60	-12.19
		1206	25.65	12.24	0.74	12.04	0.93	1.49	-80.66	-1710.21	-1710.20	-80.67	-4.74
		1219	25.55	0.72	-8.17	-7.65	0.20	2.08	-33.77	-1693.90	-1693.87	-33.80	-7.37
		1218	23.52	0.97	-8.13	-7.63	0.47	2.07	-15.33	-1549.48	-1549.24	-15.57	-19.16
929	66	1159	23.53	12.29	0.23	12.12	0.41	1.44	-60.16	-1557.94	-1557.82	-60.27	-12.90
		1206	25.56	11.88	0.66	11.68	0.86	1.50	-80.33	-1705.03	-1705.02	-80.35	-5.44
		1219	25.47	0.70	-8.19	-7.67	0.19	2.08	-33.46	-1688.76	-1688.72	-33.50	-8.06
		1218	23.44	0.95	-8.14	-7.65	0.46	2.06	-14.98	-1544.35	-1544.09	-15.24	-19.87
930	10	1206	26.88	17.09	-0.10	16.90	0.08	1.79	-82.62	-1775.28	-1775.15	-82.75	-14.90
		1160	28.28	16.79	1.66	16.64	1.81	1.50	-94.70	-1878.38	-1878.36	-94.72	-5.78
		1220	27.91	0.93	-7.99	-7.39	0.33	2.23	-47.76	-1859.01	-1858.98	-47.78	-6.54
		1219	26.48	1.19	-8.19	-7.36	0.36	2.67	-35.77	-1758.25	-1758.08	-35.94	-17.30
930	42	1206	25.65	12.22	-0.12	11.98	0.12	1.70	-79.29	-1708.60	-1708.48	-79.41	-13.95
		1160	27.08	11.80	0.60	11.56	0.84	1.62	-91.43	-1811.72	-1811.70	-91.45	-4.90
		1220	26.95	0.69	-8.24	-7.68	0.13	2.17	-44.63	-1793.00	-1792.98	-44.65	-5.71
		1219	25.53	0.83	-8.30	-7.65	0.18	2.34	-32.56	-1692.22	-1692.06	-32.72	-16.39
930	74	1206	25.56	11.87	-0.13	11.62	0.12	1.70	-79.05	-1703.56	-1703.44	-79.16	-13.89
		1160	26.99	11.44	0.52	11.19	0.77	1.63	-91.20	-1806.68	-1806.66	-91.21	-4.84

		1220	26.88	0.67	-8.26	-7.70	0.11	2.17	-44.40	-1788.00	-1787.99	-44.42	-5.65
		1219	25.45	0.81	-8.31	-7.67	0.17	2.32	-32.33	-1687.23	-1687.06	-32.49	-16.32
931	2	1160	28.15	7.58	-1.18	6.55	-0.15	2.83	-77.18	-1891.85	-1891.77	-77.27	12.46
		1205	28.83	6.49	-0.75	5.88	-0.14	2.02	-103.70	-1951.83	-1951.60	-103.93	20.92
		1221	28.92	1.00	-8.12	-7.47	0.34	2.35	-57.14	-1930.07	-1929.85	-57.35	20.09
		1220	28.20	1.45	-8.58	-7.40	0.26	3.24	-36.02	-1872.44	-1872.37	-36.09	11.52
931	34	1160	27.02	7.55	-0.71	6.90	-0.06	2.23	-83.34	-1818.29	-1818.29	-83.34	3.46
		1205	27.77	6.81	-0.59	6.30	-0.07	1.89	-99.41	-1878.16	-1878.07	-99.50	12.65
		1221	27.86	0.73	-8.30	-7.70	0.14	2.24	-52.99	-1857.06	-1856.99	-53.06	11.76
		1220	27.09	0.91	-8.48	-7.68	0.11	2.63	-39.17	-1799.55	-1799.54	-39.17	2.58
931	66	1160	26.93	7.56	-0.68	6.93	-0.05	2.18	-83.77	-1812.70	-1812.70	-83.78	2.80
		1205	27.69	6.84	-0.58	6.33	-0.07	1.88	-99.09	-1872.56	-1872.48	-99.17	12.04
		1221	27.78	0.71	-8.31	-7.72	0.13	2.23	-52.68	-1851.51	-1851.44	-52.75	11.14
		1220	27.01	0.87	-8.48	-7.70	0.09	2.58	-39.39	-1794.00	-1794.00	-39.40	1.93
932	2	1205	28.95	7.66	-1.65	6.21	-0.20	3.37	-89.40	-1952.59	-1952.36	-89.63	20.71
		1161	29.04	6.29	-0.91	5.52	-0.14	2.22	-107.29	-1969.43	-1968.94	-107.77	29.99
		1222	29.11	1.12	-8.12	-7.35	0.35	2.54	-61.12	-1945.14	-1944.72	-61.55	28.22
		1221	29.02	1.78	-8.82	-7.26	0.23	3.75	-43.43	-1930.81	-1930.60	-43.65	20.12
932	34	1205	27.83	7.29	-0.95	6.45	-0.10	2.50	-92.71	-1878.63	-1878.54	-92.80	12.47
		1161	27.98	6.44	-0.68	5.83	-0.07	2.00	-103.13	-1895.34	-1895.06	-103.41	22.28
		1222	28.05	0.80	-8.27	-7.63	0.16	2.33	-57.09	-1871.72	-1871.49	-57.32	20.36
		1221	27.91	1.04	-8.56	-7.61	0.09	2.87	-46.58	-1857.50	-1857.43	-46.65	11.73
932	66	1205	27.75	7.27	-0.90	6.46	-0.09	2.44	-92.95	-1873.00	-1872.92	-93.03	11.86
		1161	27.90	6.45	-0.67	5.85	-0.07	1.98	-102.82	-1889.69	-1889.43	-103.08	21.71
		1222	27.97	0.78	-8.29	-7.65	0.14	2.32	-56.79	-1866.12	-1865.90	-57.01	19.78
		1221	27.82	0.99	-8.55	-7.63	0.08	2.81	-46.81	-1851.91	-1851.85	-46.88	11.10
933	2	1161	29.14	7.72	-2.14	5.81	-0.24	3.89	-93.33	-1968.09	-1967.62	-93.80	29.78
		1204	28.60	6.08	-1.13	5.10	-0.14	2.48	-108.60	-1941.90	-1941.05	-109.45	39.47
		1223	28.64	1.28	-8.10	-7.17	0.35	2.80	-62.70	-1914.95	-1914.24	-63.41	36.18
		1222	29.18	2.18	-9.01	-7.05	0.21	4.26	-47.74	-1943.83	-1943.41	-48.16	28.25
933	34	1161	28.02	7.02	-1.18	5.96	-0.12	2.76	-96.59	-1894.74	-1894.47	-96.86	22.06
		1204	27.54	6.06	-0.81	5.33	-0.07	2.12	-104.56	-1868.40	-1867.81	-105.15	32.20
		1223	27.59	0.88	-8.23	-7.51	0.17	2.45	-58.77	-1842.09	-1841.63	-59.24	28.70
		1222	28.08	1.21	-8.60	-7.49	0.09	3.11	-50.82	-1871.11	-1870.88	-51.05	20.31
933	66	1161	27.94	6.98	-1.12	5.97	-0.11	2.68	-96.83	-1889.15	-1888.89	-97.09	21.49
		1204	27.46	6.06	-0.78	5.35	-0.07	2.09	-104.26	-1862.80	-1862.23	-104.83	31.66
		1223	27.51	0.85	-8.24	-7.54	0.15	2.43	-58.48	-1836.53	-1836.09	-58.93	28.15
		1222	27.99	1.14	-8.58	-7.52	0.08	3.03	-51.05	-1865.56	-1865.35	-51.27	19.72
934	2	1204	28.66	7.72	-2.66	5.33	-0.27	4.37	-94.88	-1938.82	-1938.09	-95.61	36.67
		1162	27.49	5.88	-1.45	4.60	-0.17	2.78	-108.01	-1869.62	-1868.38	-109.24	46.61
		1224	27.64	1.46	-10.41	-9.46	0.51	3.23	-62.17	-1839.71	-1838.61	-63.27	44.24
		1223	28.81	2.20	-11.59	-9.59	0.20	4.85	-49.70	-1911.75	-1911.04	-50.40	36.23
934	34	1204	27.57	6.73	-1.42	5.43	-0.13	2.98	-98.14	-1866.90	-1866.36	-98.68	30.79
		1162	26.45	5.68	-0.97	4.80	-0.10	2.25	-104.12	-1797.53	-1796.54	-105.12	41.09
		1224	26.54	0.98	-9.28	-8.54	0.24	2.65	-58.34	-1768.29	-1767.49	-59.15	37.01
		1223	27.66	1.26	-9.79	-8.63	0.10	3.39	-52.69	-1840.50	-1840.04	-53.15	28.62
934	66	1204	27.48	6.66	-1.34	5.44	-0.12	2.88	-98.38	-1861.42	-1860.90	-98.90	30.35
		1162	26.37	5.66	-0.94	4.82	-0.09	2.21	-103.83	-1792.04	-1791.06	-104.81	40.68
		1224	26.46	0.94	-9.20	-8.48	0.22	2.60	-58.06	-1762.86	-1762.08	-58.84	36.48
		1223	27.58	1.19	-9.67	-8.56	0.09	3.28	-52.91	-1835.08	-1834.64	-53.35	28.06
935	2	1162	27.51	7.64	-3.21	4.74	-0.31	4.80	-94.84	-1864.39	-1863.16	-96.07	46.59
		1203	25.72	5.57	-1.81	4.00	-0.24	3.02	-105.60	-1752.28	-1750.33	-107.55	56.55
		1225	25.87	1.60	-10.76	-9.68	0.53	3.49	-59.42	-1719.29	-1717.61	-61.10	52.72
		1224	27.67	2.60	-12.03	-9.74	0.32	5.31	-49.61	-1834.43	-1833.32	-50.71	44.41
935	34	1162	26.46	6.39	-1.69	4.86	-0.16	3.17	-97.98	-1794.93	-1793.94	-98.97	40.97
		1203	24.72	5.24	-1.17	4.22	-0.16	2.34	-101.81	-1682.62	-1680.96	-103.47	51.24
		1225	24.80	1.02	-9.41	-8.62	0.23	2.75	-55.72	-1650.30	-1649.00	-57.03	45.60
		1224	26.55	1.43	-9.95	-8.67	0.16	3.59	-52.49	-1765.66	-1764.85	-53.29	37.02
935	66	1162	26.38	6.31	-1.59	4.87	-0.15	3.05	-98.21	-1789.66	-1788.68	-99.18	40.55
		1203	24.64	5.22	-1.13	4.24	-0.15	2.29	-101.53	-1677.34	-1675.69	-103.17	50.85
		1225	24.71	0.98	-9.31	-8.55	0.21	2.70	-55.44	-1645.07	-1643.79	-56.72	45.08
		1224	26.47	1.35	-9.80	-8.60	0.14	3.47	-52.70	-1760.44	-1759.66	-53.48	36.48
936	2	1203	25.69	7.45	-3.80	4.05	-0.39	5.17	-92.97	-1744.61	-1742.68	-94.91	56.52
		1163	23.28	5.54	-2.63	3.33	-0.43	3.63	-100.62	-1589.68	-1586.72	-103.59	66.39
		1226	23.44	1.95	-11.38	-9.91	0.47	4.19	-53.85	-1553.38	-1551.10	-56.12	58.37
		1225	25.86	2.87	-12.48	-9.93	0.32	5.71	-47.42	-1711.52	-1709.84	-49.10	52.85
936	34	1203	24.70	6.00	-1.99	4.24	-0.22	3.32	-95.95	-1678.82	-1677.17	-97.61	51.09
		1163	22.34	4.89	-1.60	3.61	-0.32	2.58	-96.98	-1523.65	-1521.02	-99.61	61.20
		1226	22.41	1.10	-9.66	-8.72	0.15	3.04	-50.35	-1488.03	-1486.07	-52.31	53.11
		1225	24.79	1.52	-10.12	-8.74	0.14	3.76	-50.16	-1646.44	-1645.14	-51.46	45.57
936	66	1203	24.62	5.91	-1.86	4.26	-0.21	3.18	-96.17	-1673.85	-1672.22	-97.80	50.69
		1163	22.26	4.85	-1.52	3.63	-0.31	2.50	-96.71	-1518.67	-1516.06	-99.32	60.82
		1226	22.33	1.03	-9.54	-8.63	0.13	2.96	-50.09	-1483.10	-1481.15	-52.03	52.72
		1225	24.71	1.43	-9.95	-8.65	0.13	3.62	-50.36	-1641.53	-1640.25	-51.63	45.04
937	4	1163	23.59	13.52	1.56	13.41	1.67	1.13	-101.88	-1579.27	-1577.34	-103.82	53.37
		1202	20.78	13.07	1.62	13.07	1.62	0.06	-76.23	-1381.26	-1378.15	-79.34	63.67
		1227	20.22	-0.71	-6.73	-6.65	-0.78	0.66	-29.48	-1341.50	-1339.16	-31.83	55.44

		1226	23.06	-0.10	-6.99	-6.51	-0.58	1.76	-54.76	-1542.99	-1541.63	-56.12	45.05
937	36	1163	22.48	8.59	0.41	8.34	0.66	1.41	-97.55	-1518.52	-1516.38	-99.69	55.14
		1202	19.60	7.97	0.37	7.88	0.47	0.85	-81.26	-1320.43	-1316.99	-84.70	65.22
		1227	19.32	-0.32	-7.47	-7.22	-0.57	1.33	-34.28	-1281.32	-1278.71	-36.90	57.08
		1226	22.23	0.16	-7.66	-7.16	-0.34	1.91	-50.74	-1482.91	-1481.37	-52.28	46.95
937	68	1163	22.39	8.23	0.32	7.96	0.59	1.43	-97.24	-1513.96	-1511.80	-99.39	55.26
		1202	19.51	7.61	0.27	7.49	0.39	0.91	-81.62	-1315.86	-1312.39	-85.09	65.32
		1227	19.26	-0.28	-7.53	-7.26	-0.56	1.38	-34.63	-1276.81	-1274.17	-37.27	57.18
		1226	22.17	0.18	-7.71	-7.21	-0.32	1.92	-50.45	-1478.41	-1476.85	-52.00	47.07
938	4	1202	20.45	12.98	1.22	12.87	1.32	1.09	-93.33	-1367.58	-1364.59	-96.32	61.66
		1164	17.02	12.50	1.00	12.50	1.00	0.06	-66.23	-1126.79	-1122.03	-71.00	70.92
		1228	16.40	-1.36	-6.47	-6.42	-1.41	0.53	-18.94	-1083.36	-1079.38	-22.92	64.95
		1227	19.89	-0.40	-6.85	-6.37	-0.88	1.68	-45.43	-1327.74	-1325.49	-47.68	53.67
938	36	1202	19.44	8.02	0.10	7.79	0.34	1.35	-89.21	-1313.76	-1310.38	-92.59	64.18
		1164	15.96	7.39	-0.22	7.30	-0.14	0.81	-69.04	-1073.00	-1067.61	-74.43	73.37
		1228	15.63	-0.93	-7.28	-7.06	-1.15	1.16	-21.63	-1030.26	-1025.74	-26.14	67.35
		1227	19.17	-0.14	-7.57	-7.09	-0.61	1.82	-41.64	-1274.63	-1272.06	-44.20	56.17
938	68	1202	19.37	7.66	0.02	7.41	0.27	1.37	-88.92	-1309.75	-1306.34	-92.32	64.35
		1164	15.88	7.02	-0.32	6.92	-0.22	0.87	-69.24	-1068.99	-1063.55	-74.68	73.53
		1228	15.57	-0.90	-7.34	-7.10	-1.13	1.21	-21.82	-1026.30	-1021.75	-26.38	67.51
		1227	19.11	-0.12	-7.62	-7.15	-0.59	1.83	-41.37	-1270.68	-1268.09	-43.96	56.34
939	20	1164	16.67	21.77	-2.30	17.59	1.88	9.12	-78.77	-1095.70	-1093.62	-80.85	46.03
		1201	12.56	18.49	0.18	17.25	1.42	4.60	-55.96	-812.05	-807.47	-60.53	58.65
		1229	11.93	1.21	-11.56	-9.36	-0.99	4.83	-8.95	-766.27	-761.50	-13.72	59.91
		1228	16.11	4.35	-14.72	-9.96	-0.41	8.25	-30.86	-1052.59	-1051.04	-32.42	39.82
939	52	1164	15.78	11.84	-1.90	9.62	0.31	5.05	-74.90	-1058.01	-1055.43	-77.48	50.28
		1201	11.69	9.97	-1.28	9.16	-0.47	2.92	-51.31	-774.79	-769.23	-56.87	63.15
		1229	11.31	-0.36	-9.14	-8.05	-1.45	2.89	-4.52	-729.24	-723.48	-10.28	64.34
		1228	15.48	1.48	-10.85	-8.72	-0.65	4.66	-27.27	-1015.02	-1013.05	-29.23	44.03
939	84	1164	15.72	11.11	-1.87	9.04	0.20	4.76	-74.63	-1055.28	-1052.67	-77.24	50.58
		1201	11.62	9.35	-1.39	8.56	-0.60	2.80	-50.98	-772.10	-766.47	-56.61	63.46
		1229	11.26	-0.47	-8.97	-7.96	-1.48	2.75	-4.21	-726.56	-720.73	-10.04	64.65
		1228	15.43	1.29	-10.58	-8.63	-0.66	4.40	-27.01	-1012.30	-1010.31	-29.01	44.32
940	20	1201	12.38	20.92	-3.78	16.82	0.31	9.19	-56.68	-804.21	-796.67	-64.22	74.72
		1165	7.77	17.68	-2.45	16.31	-1.08	5.08	-15.87	-479.00	-464.82	-30.04	79.78
		1230	7.25	0.62	-11.58	-8.57	-2.38	5.26	33.04	-432.02	-413.03	14.04	92.05
		1229	11.88	3.98	-14.74	-9.16	-1.60	8.56	-9.28	-759.26	-751.45	-17.09	76.15
940	52	1201	11.59	11.05	-3.09	8.98	-1.01	5.00	-52.07	-770.91	-762.15	-60.82	78.84
		1165	7.01	9.27	-3.31	8.46	-2.50	3.09	-9.47	-447.09	-430.26	-26.30	84.17
		1230	6.69	-1.48	-8.54	-7.16	-2.86	2.80	39.76	-400.93	-378.77	17.60	96.30
		1229	11.29	0.76	-10.49	-7.95	-1.78	4.70	-4.83	-726.26	-717.24	-13.85	80.16
940	84	1201	11.53	10.33	-3.04	8.40	-1.11	4.70	-51.74	-768.51	-759.67	-60.58	79.13
		1165	6.96	8.65	-3.38	7.88	-2.61	2.95	-9.00	-444.81	-427.77	-26.04	84.47
		1230	6.65	-1.63	-8.33	-7.06	-2.90	2.62	40.25	-398.71	-376.31	17.85	96.59
		1229	11.25	0.54	-10.19	-7.86	-1.79	4.42	-4.51	-723.89	-714.78	-13.62	80.44
941	28	1165	7.56	18.05	-5.55	14.75	-2.25	8.18	-13.70	-474.81	-453.79	-34.72	96.19
		1200	3.07	15.62	-5.45	14.42	-4.25	4.87	87.06	-134.87	-74.01	26.19	99.01
		1231	3.83	-1.59	-9.30	-6.76	-4.13	3.62	157.98	-110.95	-13.71	60.74	129.21
		1230	7.34	2.71	-14.35	-8.21	-3.44	8.19	36.52	-429.62	-403.04	9.94	108.10
941	60	1165	6.92	9.36	-4.73	7.71	-3.08	4.53	-9.18	-445.46	-425.09	-29.55	92.05
		1200	2.76	8.09	-5.66	7.41	-4.98	2.97	95.74	-109.03	-45.32	32.02	94.80
		1231	3.45	-3.36	-6.24	-5.32	-4.29	1.34	166.81	-87.93	14.73	64.15	124.95
		1230	6.73	-0.66	-9.76	-7.02	-3.40	4.18	41.00	-400.62	-374.58	14.96	104.03
941	92	1165	6.87	8.72	-4.67	7.19	-3.14	4.26	-8.85	-443.35	-423.02	-29.19	91.76
		1200	2.74	7.54	-5.67	6.90	-5.03	2.84	96.40	-107.21	-43.25	32.43	94.51
		1231	3.43	-3.49	-6.02	-5.21	-4.30	1.18	167.49	-86.32	16.78	64.39	124.65
		1230	6.69	-0.89	-9.44	-6.93	-3.40	3.89	41.32	-398.54	-372.53	15.32	103.75
942	9	1200	2.76	-6.22	-11.05	-10.05	-7.22	1.96	134.34	-64.23	26.15	43.96	98.88
		1166	7.11	-6.05	-11.34	-9.57	-7.82	2.50	502.81	114.14	467.60	149.35	111.56
		1232	8.85	-0.80	-4.91	-2.93	-2.78	-2.05	611.88	74.44	563.59	122.72	153.69
		1231	4.01	0.68	-10.57	-6.42	-3.48	-5.43	205.89	-45.33	81.15	79.41	125.61
942	41	1200	2.60	-3.15	-7.32	-3.97	-6.50	1.66	114.04	-76.74	-0.28	37.58	93.49
		1166	6.48	-2.71	-7.64	-3.36	-6.99	1.67	476.53	118.73	441.35	153.91	106.53
		1232	8.46	0.28	-5.15	-1.85	-3.02	-2.65	588.14	76.79	538.05	126.88	152.00
		1231	3.65	-1.79	-7.46	-5.13	-4.12	-2.79	187.88	-59.61	55.40	72.86	123.44
942	73	1200	2.59	-2.80	-7.18	-3.53	-6.45	1.64	112.62	-77.72	-2.22	37.12	93.11
		1166	6.43	-2.34	-7.49	-2.91	-6.92	1.61	474.61	119.05	439.43	154.23	106.17
		1232	8.43	0.36	-5.17	-1.77	-3.04	-2.69	586.41	76.95	536.18	127.18	151.88
		1231	3.63	-1.97	-7.23	-5.04	-4.17	-2.59	186.60	-60.69	53.52	72.39	123.28
943	9	1166	6.87	-3.78	-9.47	-4.20	-9.05	1.48	505.14	133.93	474.69	164.39	101.87
		1199	14.87	-0.46	-2.78	-0.82	-2.43	0.83	1126.56	389.05	1069.74	445.87	196.67
		1233	18.89	6.65	-4.69	-0.56	2.53	-5.45	1298.57	108.07	1284.47	122.16	128.78
		1232	9.05	5.98	-11.42	-3.11	-2.33	-8.69	608.57	82.11	560.76	129.92	151.27
943	41	1166	6.36	-0.85	-8.57	-1.05	-8.37	1.23	467.02	124.87	437.42	154.47	96.19
		1199	14.59	2.63	-0.50	2.62	-0.50	-0.09	1099.63	391.64	1033.84	457.43	205.55
		1233	18.34	9.00	-4.05	0.88	4.07	-6.33	1266.82	117.08	1250.26	133.63	136.97
		1232	8.52	3.46	-8.13	-1.72	-2.95	-5.76	582.81	78.62	526.34	135.09	159.01

943	73	1166	6.33	-0.63	-8.51	-0.83	-8.32	1.21	464.17	124.19	434.61	153.75	95.79
		1199	14.57	2.88	-0.36	2.87	-0.35	-0.15	1097.62	391.76	1031.14	458.25	206.18
		1233	18.30	9.17	-4.00	0.98	4.19	-6.39	1264.43	117.71	1247.69	134.45	137.54
		1232	8.48	3.29	-7.90	-1.62	-3.00	-5.55	580.90	78.32	523.75	135.48	159.56
944	29	1199	14.43	16.58	-15.41	11.66	-10.49	-11.54	1101.43	545.71	1032.12	615.01	183.61
		38	38.04	81.26	21.63	25.09	77.80	-13.93	2800.53	722.72	2425.52	1097.73	799.10
		1234	42.32	32.21	-13.55	-13.29	31.96	-3.39	2466.97	-479.83	2224.58	-237.45	-809.64
		1233	23.24	24.38	-13.32	-4.09	15.15	-16.21	1461.38	-36.40	1405.63	19.35	283.54
944	61	1199	13.96	10.05	-14.09	8.02	-12.06	-6.71	1070.04	525.51	989.39	606.17	193.43
		38	37.86	72.48	19.97	21.42	71.03	-8.61	2778.46	719.27	2383.32	1114.41	810.88
		1234	41.38	26.31	-9.54	-9.54	26.31	0.33	2426.44	-461.05	2186.21	-220.82	-797.46
		1233	22.41	22.40	-8.13	0.02	14.25	-13.50	1428.88	-28.42	1366.83	33.63	294.23
944	93	1199	13.92	9.62	-14.03	7.76	-12.17	-6.36	1067.73	524.01	986.20	605.55	194.13
		38	37.85	71.89	19.83	21.17	70.55	-8.23	2776.81	718.95	2380.18	1115.58	811.72
		1234	41.32	25.92	-9.27	-9.26	25.91	0.59	2423.44	-459.73	2183.36	-219.66	-796.58
		1233	22.35	22.26	-7.74	0.33	14.18	-13.30	1426.47	-27.88	1363.95	34.64	294.99
945	5	38	63.85	45.40	18.09	18.14	45.34	1.24	4738.04	1329.37	4733.69	1333.72	121.73
		865	28.88	-5.10	-47.74	-46.98	-5.86	-5.65	1611.32	-484.09	430.06	697.17	-1039.16
		1235	31.19	56.61	-16.20	7.85	32.56	34.24	2000.25	133.95	1538.32	595.89	-805.43
		1234	26.80	15.41	-47.11	-41.86	10.16	-17.35	1350.81	-620.73	1001.29	-271.21	-752.95
945	37	38	64.22	66.10	36.28	46.93	55.45	14.28	4674.12	1348.45	4667.70	1354.87	146.01
		865	27.84	-3.32	-21.42	-21.34	-3.40	-1.19	1562.45	-483.00	360.72	718.72	-1006.94
		1235	30.10	49.89	-16.81	9.48	23.60	32.59	1952.36	156.87	1493.88	615.35	-782.94
		1234	26.60	18.20	-39.57	-38.36	16.98	-8.28	1311.04	-604.02	961.28	-254.26	-739.93
945	69	38	64.25	68.38	36.98	49.13	56.23	15.29	4669.31	1349.78	4662.72	1356.38	147.79
		865	27.76	-3.17	-19.43	-19.38	-3.21	-0.84	1558.86	-483.08	355.50	720.28	-1004.55
		1235	30.02	49.41	-16.88	9.60	22.92	32.47	1948.75	158.51	1490.53	616.74	-781.25
		1234	26.58	18.53	-39.11	-38.09	17.51	-7.59	1308.05	-602.86	958.25	-253.07	-738.96
946	1	865	17.60	36.26	-5.02	1.09	30.16	14.65	1326.29	524.52	923.42	927.39	-400.88
		866	13.46	5.38	-40.18	-14.34	-20.46	22.57	734.59	-47.87	159.60	527.12	-345.39
		1236	20.53	12.78	-29.39	-8.70	-7.91	21.08	1164.72	-155.75	328.60	680.37	-636.38
		1235	29.49	30.57	-16.96	-8.13	21.74	18.49	1669.37	-325.54	964.56	379.27	-953.56
946	33	865	17.16	31.83	-2.29	7.61	21.94	15.48	1298.79	549.45	903.29	944.95	-374.09
		866	12.46	5.92	-32.86	-5.71	-21.23	17.77	683.92	-51.34	136.69	495.90	-320.77
		1236	19.76	13.20	-26.15	-3.64	-9.31	19.47	1114.01	-164.63	301.79	647.59	-615.49
		1235	28.69	25.35	-16.89	-4.51	12.97	19.23	1636.44	-299.43	939.05	397.96	-929.35
946	65	865	17.13	31.60	-2.17	8.11	21.32	15.54	1296.69	551.26	901.76	946.19	-372.05
		866	12.39	6.04	-32.38	-5.05	-21.29	17.41	680.12	-51.59	134.94	493.59	-318.89
		1236	19.70	13.26	-25.93	-3.25	-9.42	19.35	1110.21	-165.28	299.75	645.18	-613.91
		1235	28.63	25.02	-16.94	-4.23	12.31	19.28	1633.94	-297.53	937.13	399.28	-927.53
947	1	866	13.97	8.52	-23.18	0.41	-15.07	13.84	814.13	-47.19	191.00	575.93	-385.26
		855	12.29	-2.04	-46.57	-2.04	-46.57	-0.46	653.95	-70.67	11.67	571.61	-229.98
		1198	14.53	-2.28	-24.63	-3.26	-23.64	4.59	820.33	-130.85	-34.04	723.52	-287.59
		1236	22.77	15.42	-25.76	-1.83	-8.51	20.32	1201.03	-335.66	264.84	600.53	-749.79
947	33	866	13.47	9.57	-24.93	1.69	-17.04	14.49	776.98	-41.07	188.50	547.40	-367.56
		855	12.04	-0.79	-49.86	-0.79	-49.86	0.14	625.16	-65.15	9.00	551.01	-213.74
		1198	14.21	-1.35	-27.37	-1.74	-26.98	3.16	791.55	-129.93	-40.75	702.36	-272.45
		1236	22.13	13.83	-25.00	-0.67	-10.50	18.78	1164.54	-334.68	258.61	571.25	-733.13
947	65	866	13.44	9.65	-25.06	1.79	-17.20	14.53	774.21	-40.58	188.31	545.31	-366.21
		855	12.02	-0.70	-50.11	-0.70	-50.11	0.18	622.98	-64.74	8.79	549.45	-212.51
		1198	14.18	-1.27	-27.59	-1.63	-27.23	3.05	789.37	-129.87	-41.26	700.75	-271.30
		1236	22.08	13.72	-24.95	-0.58	-10.65	18.67	1161.81	-334.58	258.13	569.10	-731.86
948	16	1183	16.64	-54.59	-162.70	-86.31	-130.98	-49.23	670.64	52.01	165.33	557.32	239.29
		1211	11.37	72.35	-57.29	-19.83	34.90	-58.76	525.99	90.89	247.45	369.43	208.82
		1237	5.86	-15.13	-57.39	-35.83	-36.68	-21.13	228.53	13.32	94.66	147.19	104.35
		1184	4.53	51.26	6.86	49.88	8.24	7.72	134.71	-62.96	-62.92	134.67	-2.97
948	48	1183	16.08	-54.35	-155.83	-83.47	-126.72	-45.90	654.77	51.39	159.34	546.82	231.26
		1211	10.86	71.68	-52.61	-17.66	36.73	-55.88	509.65	91.37	241.69	359.33	200.70
		1237	5.54	-15.00	-55.45	-35.77	-34.67	-20.22	213.87	13.04	90.86	136.04	97.84
		1184	4.36	51.53	10.24	49.38	12.38	9.17	123.57	-67.86	-67.40	123.11	-9.40
948	80	1183	16.04	-54.33	-155.32	-83.25	-126.40	-45.65	653.62	51.34	158.90	546.06	230.68
		1211	10.83	71.63	-52.26	-17.49	36.86	-55.66	508.46	91.41	241.26	358.61	200.10
		1237	5.52	-14.99	-55.31	-35.77	-34.52	-20.15	212.81	13.01	90.58	135.23	97.37
		1184	4.34	51.56	10.47	49.34	12.69	9.28	122.79	-68.24	-67.73	122.27	-9.87
949	8	1211	11.54	16.49	-88.31	-80.03	8.21	-28.28	613.25	185.58	370.09	428.74	211.81
		1212	5.50	9.56	-46.48	-41.19	4.27	-16.37	279.13	250.76	258.09	271.80	12.42
		1238	2.80	11.84	-39.82	-28.32	0.34	-21.49	56.93	9.70	20.13	46.50	19.59
		1237	4.04	15.64	-34.37	-3.27	-15.45	-24.25	140.44	25.10	65.94	99.60	55.16
949	40	1211	10.96	16.97	-84.11	-77.12	9.98	-25.64	589.16	180.89	354.51	415.54	201.84
		1212	5.13	8.99	-42.38	-38.39	5.00	-13.75	280.12	242.77	243.23	279.66	4.14
		1238	2.41	11.55	-36.74	-26.75	1.56	-19.56	57.18	6.47	10.10	53.54	13.08
		1237	3.59	15.66	-30.42	-1.47	-13.29	-22.27	121.08	21.11	55.29	86.90	47.42
949	72	1211	10.92	17.01	-83.80	-76.90	10.11	-25.45	587.40	180.53	353.35	414.57	201.12
		1212	5.10	8.95	-42.08	-38.18	5.05	-13.56	280.57	241.80	242.13	280.24	3.55
		1238	2.38	11.53	-36.52	-26.63	1.65	-19.42	57.38	6.06	9.38	54.06	12.62
		1237	3.56	15.66	-30.13	-1.34	-13.13	-22.12	119.69	20.82	54.52	85.98	46.86
950	21	1212	5.02	16.48	-37.14	-37.00	16.34	-2.75	301.85	173.21	174.73	300.33	-13.91

		1213	6.65	14.24	-21.40	-20.85	13.70	4.37	248.80	-166.69	-144.46	226.57	-93.49
		1239	5.69	7.31	-23.44	-22.87	6.74	-4.13	55.95	-254.85	-244.02	45.12	-57.00
		1238	2.61	10.34	-24.03	-18.43	4.74	-12.69	48.64	-42.14	-39.19	45.70	-16.09
950	53	1212	4.90	15.51	-38.05	-37.21	14.67	-6.65	303.71	194.09	194.36	303.44	-5.46
		1213	6.53	13.17	-21.05	-21.05	13.17	-0.13	250.83	-143.88	-124.85	231.80	-84.54
		1239	5.61	8.10	-27.34	-25.50	6.26	-7.86	55.64	-234.76	-226.10	46.98	-49.41
		1238	2.53	10.55	-29.14	-21.29	2.70	-15.81	50.27	-22.14	-21.07	49.21	-8.70
950	85	1212	4.89	15.46	-38.14	-37.23	14.54	-6.93	303.87	195.56	195.78	303.65	-4.86
		1213	6.52	13.14	-21.07	-21.07	13.13	-0.46	250.98	-142.24	-123.43	232.18	-83.91
		1239	5.60	8.18	-27.64	-25.69	6.23	-8.13	55.62	-233.33	-224.81	47.10	-48.87
		1238	2.53	10.57	-29.51	-21.50	2.55	-16.03	50.40	-20.73	-19.77	49.45	-8.18
951	9	1213	7.04	14.53	-19.57	-19.57	14.53	-0.23	244.99	-189.92	-171.48	226.54	-87.64
		1214	10.32	10.24	-11.84	-11.19	9.60	3.72	170.97	-533.82	-519.69	156.84	-98.82
		1240	9.92	3.84	-21.78	-21.74	3.80	-1.00	45.31	-558.36	-550.94	37.89	-66.50
		1239	6.17	6.64	-24.03	-21.81	4.42	-7.94	66.66	-281.19	-271.85	57.32	-56.21
951	41	1213	6.76	13.84	-20.85	-20.70	13.70	-2.25	248.44	-158.13	-141.99	232.30	-79.39
		1214	10.01	9.51	-12.49	-12.43	9.44	1.22	174.06	-502.62	-490.32	161.76	-90.42
		1240	9.69	4.47	-24.95	-24.58	4.10	-3.25	48.98	-528.33	-522.23	42.88	-59.03
		1239	5.86	7.62	-27.58	-24.70	4.75	-9.64	60.91	-251.01	-243.01	52.91	-49.32
951	73	1213	6.74	13.80	-20.95	-20.79	13.63	-2.40	248.69	-155.80	-139.82	232.71	-78.80
		1214	9.99	9.47	-12.57	-12.52	9.43	1.04	174.29	-500.33	-488.15	162.11	-89.82
		1240	9.67	4.52	-25.19	-24.79	4.13	-3.42	49.25	-526.13	-520.12	43.24	-58.50
		1239	5.84	7.69	-27.84	-24.92	4.77	-9.76	60.50	-248.80	-240.88	52.59	-48.83
952	1	1214	10.62	9.91	-11.29	-11.03	9.65	2.35	169.29	-553.57	-540.66	156.38	-95.71
		1215	14.31	7.07	-9.83	-8.01	5.25	5.24	99.97	-867.43	-860.19	92.73	-83.38
		1241	14.26	2.35	-20.07	-19.72	2.00	2.77	33.87	-865.57	-862.14	30.45	-55.40
		1240	10.20	3.90	-20.52	-20.29	3.67	-2.36	45.13	-580.46	-573.56	38.23	-65.34
952	41	1214	10.15	9.37	-12.37	-12.36	9.36	0.53	173.12	-512.43	-501.04	161.73	-87.63
		1215	13.81	5.73	-9.35	-8.86	5.24	2.66	103.83	-826.88	-820.73	97.69	-75.39
		1241	13.90	2.25	-23.33	-23.32	2.24	0.44	38.13	-826.15	-823.46	35.44	-48.14
		1240	9.85	4.50	-24.47	-23.93	3.96	-3.90	49.37	-540.46	-534.71	43.62	-57.99
952	73	1214	10.12	9.35	-12.48	-12.47	9.34	0.40	173.32	-509.45	-498.15	162.03	-87.07
		1215	13.77	5.66	-9.36	-8.94	5.24	2.49	104.02	-823.93	-817.86	97.95	-74.84
		1241	13.88	2.26	-23.58	-23.58	2.25	0.28	38.34	-823.27	-820.63	35.70	-47.65
		1240	9.82	4.54	-24.75	-24.19	3.98	-4.01	49.60	-537.55	-531.87	43.92	-57.48
953	1	1215	14.60	6.20	-8.39	-7.60	5.41	3.31	100.55	-886.53	-879.84	93.86	-80.98
		1216	18.05	5.11	-9.59	-6.80	2.32	5.76	42.12	-1156.19	-1154.94	40.87	-38.67
		1242	18.33	2.18	-19.01	-18.02	1.18	4.48	20.77	-1150.34	-1149.07	19.51	-38.50
		1241	14.53	2.16	-18.54	-18.50	2.13	0.82	34.90	-886.23	-883.04	31.71	-54.09
953	33	1215	13.96	5.52	-9.07	-8.83	5.28	1.84	103.37	-836.34	-830.50	97.53	-73.86
		1216	17.42	3.44	-8.66	-7.61	2.39	3.41	47.23	-1108.79	-1107.00	45.44	-45.46
		1242	17.83	1.35	-22.38	-22.15	1.12	2.34	23.67	-1101.64	-1100.72	22.75	-32.10
		1241	14.04	2.26	-22.69	-22.69	2.26	-0.42	37.85	-837.12	-834.54	35.27	-47.46
953	65	1215	13.91	5.48	-9.13	-8.92	5.27	1.73	103.57	-832.62	-826.83	97.78	-73.36
		1216	17.38	3.35	-8.62	-7.67	2.39	3.24	47.61	-1105.27	-1103.43	45.77	-45.96
		1242	17.79	1.31	-22.65	-22.45	1.11	2.18	23.88	-1098.02	-1097.13	22.98	-31.66
		1241	14.01	2.28	-23.00	-22.99	2.27	-0.52	38.06	-833.47	-830.93	35.52	-47.00
954	6	1216	17.99	3.67	-7.73	-7.52	3.46	1.55	45.20	-1145.37	-1144.52	44.35	-31.81
		1217	21.08	2.51	-6.66	-6.21	2.07	1.97	7.12	-1377.78	-1377.57	6.91	-17.03
		1243	21.83	0.64	-24.01	-23.92	0.55	1.48	9.90	-1370.20	-1369.97	9.67	-17.65
		1242	18.55	1.22	-24.45	-24.44	1.21	0.55	23.45	-1141.14	-1140.28	22.59	-31.75
954	38	1216	17.41	3.12	-8.17	-7.98	2.92	1.46	48.66	-1104.18	-1102.64	47.12	-42.10
		1217	20.51	1.86	-7.51	-7.12	1.46	1.88	10.11	-1336.32	-1335.78	9.57	-27.02
		1243	21.24	0.53	-24.66	-24.58	0.45	1.40	11.26	-1327.52	-1327.35	11.09	-15.18
		1242	17.95	1.14	-25.13	-25.12	1.14	0.50	24.82	-1098.28	-1097.52	24.07	-29.15
954	70	1216	17.36	3.08	-8.20	-8.01	2.89	1.45	48.91	-1101.05	-1099.45	47.31	-42.85
		1217	20.47	1.81	-7.58	-7.19	1.42	1.87	10.33	-1333.17	-1332.60	9.76	-27.75
		1243	21.19	0.52	-24.71	-24.63	0.44	1.40	11.36	-1324.28	-1324.11	11.19	-15.01
		1242	17.90	1.14	-25.18	-25.17	1.13	0.49	24.92	-1095.02	-1094.27	24.17	-28.97
955	18	1217	21.25	2.81	-9.19	-9.16	2.78	-0.57	14.37	-1374.31	-1374.09	14.15	-17.40
		1218	23.88	3.73	-10.14	-9.11	2.71	-3.63	-12.04	-1562.98	-1562.96	-12.05	-5.32
		1244	25.16	0.13	-37.38	-37.05	-0.20	-3.51	3.58	-1552.21	-1552.17	3.54	7.55
		1243	22.45	-0.47	-37.77	-37.76	-0.48	-0.55	14.59	-1363.99	-1363.99	14.59	-2.43
955	50	1217	20.58	1.86	-8.54	-8.49	1.81	0.70	13.51	-1333.80	-1333.25	12.96	-27.11
		1218	23.19	1.43	-8.47	-8.43	1.39	-0.60	-13.16	-1522.22	-1522.08	-13.30	-14.65
		1244	24.21	-0.04	-30.36	-30.34	-0.06	-0.76	2.17	-1512.07	-1512.07	2.16	1.71
		1243	21.51	-0.01	-30.99	-30.99	-0.02	0.44	13.32	-1323.96	-1323.91	13.27	-8.50
955	82	1217	20.53	1.80	-8.50	-8.44	1.74	0.79	13.45	-1330.84	-1330.26	12.88	-27.80
		1218	23.14	1.31	-8.40	-8.38	1.29	-0.38	-13.24	-1519.24	-1519.09	-13.39	-15.31
		1244	24.14	-0.04	-29.87	-29.86	-0.05	-0.56	2.07	-1509.13	-1509.13	2.07	1.29
		1243	21.44	0.02	-30.50	-30.50	0.01	0.51	13.24	-1321.03	-1320.97	13.18	-8.93
956	2	1218	24.49	1.87	-7.87	-7.37	1.37	2.15	-18.92	-1615.02	-1615.01	-18.93	-3.34
		1219	26.53	1.79	-7.84	-7.33	1.28	2.15	-36.34	-1759.71	-1759.68	-36.37	6.56
		1245	27.33	0.26	-22.88	-22.76	0.14	1.65	-9.94	-1750.70	-1750.70	-9.94	2.02
		1244	25.26	0.36	-23.48	-23.36	0.24	1.71	-1.64	-1606.42	-1606.40	-1.65	-5.12
956	34	1218	23.49	1.26	-8.11	-7.64	0.78	2.06	-16.21	-1547.48	-1547.36	-16.33	-13.47
		1219	25.53	1.11	-8.15	-7.64	0.60	2.12	-33.94	-1692.07	-1692.07	-33.95	-3.24

		1245	26.35	0.17	-23.50	-23.39	0.05	1.66	-8.64	-1682.83	-1682.83	-8.64	2.75
		1244	24.28	0.26	-24.12	-24.01	0.15	1.64	-0.18	-1538.46	-1538.45	-0.19	-4.24
956	66	1218	23.42	1.22	-8.13	-7.66	0.74	2.06	-16.01	-1542.38	-1542.25	-16.14	-14.21
		1219	25.45	1.06	-8.18	-7.66	0.55	2.12	-33.77	-1686.97	-1686.96	-33.77	-3.96
		1245	26.28	0.16	-23.55	-23.43	0.04	1.66	-8.54	-1677.70	-1677.70	-8.55	2.79
		1244	24.21	0.26	-24.17	-24.06	0.15	1.64	-0.08	-1533.33	-1533.31	-0.09	-4.19
957	2	1219	26.59	0.63	-8.21	-7.48	-0.10	2.43	-36.51	-1765.92	-1765.90	-36.54	6.35
		1220	28.03	0.44	-8.09	-7.48	-0.17	2.20	-47.83	-1867.01	-1866.89	-47.95	14.59
		1246	28.82	0.25	-22.20	-22.07	0.12	1.70	-17.60	-1855.93	-1855.62	-17.91	24.06
		1245	27.42	0.30	-22.87	-22.69	0.12	2.01	-10.36	-1757.05	-1757.05	-10.36	1.91
957	34	1219	25.56	0.57	-8.31	-7.71	-0.03	2.24	-33.98	-1695.15	-1695.14	-33.98	-3.20
		1220	26.99	0.47	-8.29	-7.72	-0.11	2.17	-45.50	-1796.15	-1796.13	-45.52	5.35
		1246	27.81	0.16	-22.82	-22.69	0.03	1.67	-15.52	-1785.63	-1785.51	-15.64	14.77
		1245	26.39	0.19	-23.49	-23.35	0.05	1.81	-8.84	-1686.03	-1686.02	-8.84	2.42
957	66	1219	25.48	0.57	-8.32	-7.72	-0.03	2.23	-33.79	-1689.78	-1689.77	-33.80	-3.90
		1220	26.91	0.47	-8.31	-7.74	-0.10	2.16	-45.33	-1790.78	-1790.77	-45.35	4.67
		1246	27.73	0.15	-22.86	-22.74	0.03	1.67	-15.37	-1780.30	-1780.19	-15.48	14.09
		1245	26.32	0.18	-23.54	-23.40	0.04	1.80	-8.73	-1680.63	-1680.63	-8.73	2.45
958	2	1220	28.14	0.91	-8.58	-7.46	-0.21	3.06	-39.07	-1870.27	-1870.15	-39.19	14.80
		1221	28.89	0.52	-8.20	-7.52	-0.16	2.33	-55.04	-1927.93	-1927.68	-55.29	21.58
		1247	29.64	0.27	-21.46	-21.32	0.12	1.78	-21.78	-1915.59	-1915.26	-22.10	24.77
		1246	28.91	0.36	-22.22	-21.93	0.06	2.58	-11.40	-1859.35	-1859.05	-11.70	23.65
958	34	1220	27.05	0.66	-8.49	-7.71	-0.12	2.55	-41.42	-1797.81	-1797.79	-41.43	5.62
		1221	27.83	0.51	-8.34	-7.73	-0.10	2.24	-52.75	-1855.37	-1855.28	-52.84	12.89
		1247	28.61	0.17	-22.09	-21.96	0.04	1.70	-19.66	-1843.60	-1843.46	-19.80	15.92
		1246	27.85	0.20	-22.81	-22.63	8.56e-03	2.07	-12.60	-1787.40	-1787.28	-12.72	14.35
958	66	1220	26.96	0.64	-8.48	-7.73	-0.11	2.51	-41.58	-1792.29	-1792.28	-41.60	4.94
		1221	27.75	0.51	-8.35	-7.74	-0.09	2.23	-52.58	-1849.86	-1849.77	-52.66	12.25
		1247	28.53	0.17	-22.14	-22.01	0.04	1.69	-19.50	-1838.12	-1837.99	-19.63	15.27
		1246	27.77	0.19	-22.86	-22.68	4.52e-03	2.03	-12.69	-1781.92	-1781.81	-12.80	13.67
959	2	1221	28.94	1.17	-8.75	-7.34	-0.23	3.46	-48.26	-1928.71	-1928.46	-48.50	21.66
		1222	29.09	0.64	-8.21	-7.43	-0.14	2.51	-59.16	-1943.05	-1942.63	-59.57	27.94
		1248	29.78	0.30	-20.69	-20.51	0.13	1.93	-24.34	-1928.81	-1928.51	-24.65	24.15
		1247	29.70	0.44	-21.52	-21.12	0.04	2.93	-15.47	-1916.54	-1916.23	-15.78	24.29
959	34	1221	27.86	0.77	-8.54	-7.65	-0.13	2.74	-49.55	-1855.81	-1855.72	-49.65	13.08
		1222	28.02	0.58	-8.32	-7.66	-0.08	2.32	-56.89	-1870.04	-1869.83	-57.11	19.74
		1248	28.74	0.20	-21.34	-21.19	0.05	1.76	-22.16	-1856.36	-1856.23	-22.30	15.71
		1247	28.63	0.23	-22.09	-21.86	9.25e-03	2.22	-16.67	-1844.14	-1844.01	-16.80	15.45
959	66	1221	27.77	0.74	-8.53	-7.67	-0.12	2.69	-49.65	-1850.26	-1850.17	-49.73	12.44
		1222	27.94	0.57	-8.33	-7.68	-0.07	2.31	-56.72	-1864.48	-1864.27	-56.92	19.13
		1248	28.66	0.19	-21.39	-21.25	0.05	1.75	-22.00	-1850.84	-1850.72	-22.12	15.09
		1247	28.55	0.22	-22.13	-21.92	6.21e-03	2.17	-16.75	-1838.62	-1838.50	-16.87	14.80
960	2	1222	29.10	1.52	-8.90	-7.15	-0.24	3.90	-52.41	-1941.77	-1941.36	-52.83	28.03
		1223	28.61	0.80	-8.18	-7.26	-0.13	2.73	-60.93	-1912.86	-1912.23	-61.56	34.08
		1249	29.24	0.36	-19.89	-19.66	0.13	2.15	-25.56	-1896.15	-1895.87	-25.84	22.90
		1248	29.80	0.58	-20.79	-20.25	0.04	3.35	-18.01	-1927.70	-1927.41	-18.30	23.64
960	34	1222	28.03	0.91	-8.57	-7.54	-0.12	2.95	-53.72	-1869.43	-1869.22	-53.93	19.91
		1223	27.56	0.65	-8.27	-7.56	-0.06	2.42	-58.67	-1840.39	-1840.00	-59.06	26.26
		1249	28.21	0.23	-20.57	-20.40	0.07	1.86	-23.32	-1824.23	-1824.11	-23.44	14.79
		1248	28.75	0.29	-21.34	-21.07	0.02	2.40	-19.16	-1855.85	-1855.73	-19.28	15.20
960	66	1222	27.94	0.87	-8.55	-7.56	-0.11	2.88	-53.81	-1863.92	-1863.71	-54.02	19.30
		1223	27.48	0.64	-8.28	-7.58	-0.06	2.40	-58.50	-1834.86	-1834.49	-58.87	25.68
		1249	28.14	0.22	-20.62	-20.46	0.06	1.84	-23.15	-1818.74	-1818.63	-23.26	14.19
		1248	28.67	0.27	-21.39	-21.13	0.01	2.33	-19.24	-1850.37	-1850.26	-19.36	14.58
961	2	1223	28.73	1.56	-11.22	-9.41	-0.25	4.45	-54.28	-1909.70	-1909.06	-54.92	34.32
		1224	27.59	0.81	-10.28	-9.33	-0.15	3.11	-60.66	-1837.58	-1836.66	-61.58	40.42
		1250	28.02	0.45	-19.07	-18.77	0.14	2.43	-25.54	-1817.81	-1817.54	-25.81	21.69
		1249	29.23	0.75	-20.04	-19.33	0.04	3.77	-19.31	-1893.09	-1892.82	-19.58	22.49
961	34	1223	27.61	0.96	-9.63	-8.55	-0.12	3.20	-55.55	-1838.80	-1838.41	-55.94	26.52
		1224	26.50	0.67	-9.22	-8.48	-0.07	2.60	-58.41	-1766.53	-1765.90	-59.04	32.84
		1250	27.02	0.27	-19.79	-19.59	0.07	1.99	-23.25	-1747.33	-1747.22	-23.36	13.81
		1249	28.21	0.35	-20.57	-20.25	0.03	2.59	-20.36	-1822.71	-1822.59	-20.47	14.36
961	66	1223	27.52	0.92	-9.52	-8.49	-0.11	3.11	-55.64	-1833.41	-1833.03	-56.02	25.95
		1224	26.42	0.66	-9.14	-8.42	-0.06	2.56	-58.24	-1761.12	-1760.51	-58.85	32.28
		1250	26.95	0.26	-19.85	-19.66	0.07	1.96	-23.07	-1741.96	-1741.86	-23.17	13.23
		1249	28.13	0.33	-20.62	-20.32	0.03	2.51	-20.43	-1817.35	-1817.25	-20.54	13.76
962	2	1224	27.58	1.81	-11.70	-9.62	-0.28	4.88	-54.19	-1832.32	-1831.39	-55.12	40.67
		1225	25.82	0.92	-10.72	-9.60	-0.20	3.42	-58.25	-1717.05	-1715.72	-59.59	47.07
		1251	26.12	0.55	-18.24	-17.83	0.14	2.74	-24.24	-1693.52	-1693.26	-24.50	20.90
		1250	27.97	0.96	-19.27	-18.37	0.06	4.18	-19.49	-1812.54	-1812.29	-19.74	21.25
962	34	1224	26.49	1.06	-9.80	-8.61	-0.13	3.39	-55.38	-1763.88	-1763.24	-56.02	33.08
		1225	24.75	0.69	-9.39	-8.59	-0.11	2.73	-56.02	-1648.42	-1647.43	-57.01	39.61
		1251	25.16	0.31	-19.01	-18.77	0.07	2.14	-21.92	-1625.54	-1625.43	-22.03	13.16
		1250	26.99	0.43	-19.79	-19.40	0.04	2.78	-20.39	-1744.70	-1744.60	-20.49	13.34
962	66	1224	26.41	1.02	-9.67	-8.54	-0.11	3.29	-55.47	-1758.69	-1758.07	-56.09	32.52
		1225	24.67	0.68	-9.29	-8.52	-0.10	2.67	-55.85	-1643.21	-1642.25	-56.81	39.06
		1251	25.09	0.30	-19.07	-18.84	0.07	2.09	-21.74	-1620.39	-1620.29	-21.84	12.59

		1250	26.92	0.40	-19.85	-19.48	0.04	2.68	-20.45	-1739.56	-1739.47	-20.54	12.76
963	18	1225	25.13	5.18	-13.67	-10.11	1.62	7.38	-55.39	-1663.81	-1662.58	-56.61	44.44
		1226	22.81	2.88	-11.42	-10.41	1.87	3.67	-48.59	-1505.07	-1503.22	-50.44	51.88
		1252	23.63	-0.38	-32.35	-31.95	-0.78	3.56	-17.28	-1478.17	-1477.93	-17.52	18.45
		1251	26.09	0.49	-34.30	-32.73	-1.07	7.21	-21.42	-1641.43	-1641.24	-21.60	17.35
963	50	1225	24.42	2.55	-10.62	-8.81	0.74	4.53	-54.67	-1622.59	-1621.65	-55.61	38.43
		1226	22.08	1.54	-9.69	-8.94	0.80	2.79	-48.88	-1463.79	-1462.31	-50.35	45.69
		1252	22.67	-0.13	-25.19	-24.94	-0.38	2.48	-17.19	-1437.04	-1436.93	-17.30	12.12
		1251	25.13	0.19	-26.35	-25.67	-0.49	4.18	-20.54	-1600.29	-1600.21	-20.62	11.15
963	82	1225	24.36	2.36	-10.41	-8.72	0.67	4.33	-54.62	-1619.54	-1618.62	-55.54	38.01
		1226	22.03	1.44	-9.56	-8.84	0.72	2.73	-48.89	-1460.73	-1459.28	-50.35	45.25
		1252	22.60	-0.11	-24.67	-24.43	-0.35	2.40	-17.18	-1434.00	-1433.90	-17.28	11.67
		1251	25.06	0.17	-25.78	-25.16	-0.45	3.96	-20.48	-1597.25	-1597.18	-20.55	10.71
964	4	1226	23.10	1.70	-6.97	-6.59	1.33	1.76	-52.12	-1540.63	-1539.51	-53.25	40.88
		1227	20.19	1.22	-6.77	-6.74	1.19	0.49	-35.64	-1338.98	-1337.13	-37.49	49.11
		1253	20.96	-0.83	-29.04	-29.03	-0.83	0.42	-8.01	-1306.02	-1305.96	-8.07	8.78
		1252	24.02	-0.72	-29.98	-29.88	-0.82	1.72	-19.53	-1512.98	-1512.96	-19.55	5.99
964	36	1226	22.22	1.00	-7.65	-7.20	0.55	1.92	-50.51	-1480.85	-1479.67	-51.68	40.91
		1227	19.28	0.54	-7.46	-7.26	0.35	1.24	-38.28	-1279.01	-1277.07	-40.22	48.98
		1253	19.78	-0.43	-23.35	-23.31	-0.47	0.95	-10.48	-1246.61	-1246.55	-10.54	8.84
		1252	22.87	-0.29	-24.17	-24.05	-0.40	1.64	-18.17	-1453.79	-1453.76	-18.20	6.25
964	68	1226	22.16	0.95	-7.70	-7.25	0.50	1.93	-50.40	-1476.36	-1475.19	-51.57	40.91
		1227	19.21	0.50	-7.51	-7.29	0.29	1.30	-38.48	-1274.51	-1272.57	-40.42	48.96
		1253	19.69	-0.40	-22.93	-22.89	-0.44	0.99	-10.66	-1242.16	-1242.10	-10.72	8.84
		1252	22.78	-0.26	-23.74	-23.62	-0.37	1.64	-18.08	-1449.35	-1449.33	-18.10	6.26
965	4	1227	19.92	1.40	-6.80	-6.43	1.03	1.70	-43.37	-1325.28	-1323.42	-45.23	48.83
		1228	16.38	0.61	-6.49	-6.48	0.60	0.31	-22.33	-1080.42	-1077.31	-25.44	57.35
		1254	16.97	-0.88	-27.97	-27.96	-0.88	0.18	-1.69	-1040.45	-1040.22	-1.93	15.74
		1253	20.69	-0.91	-28.83	-28.73	-1.01	1.70	-14.74	-1292.11	-1292.00	-14.85	11.82
965	36	1227	19.15	0.71	-7.54	-7.11	0.27	1.84	-41.95	-1272.33	-1270.18	-44.10	51.29
		1228	15.58	-0.07	-7.23	-7.07	-0.22	1.05	-24.76	-1027.36	-1023.78	-28.34	59.78
		1254	15.90	-0.60	-22.55	-22.53	-0.63	0.69	-4.06	-987.97	-987.71	-4.32	15.97
		1253	19.65	-0.44	-23.29	-23.18	-0.56	1.61	-13.57	-1239.89	-1239.77	-13.69	12.22
965	68	1227	19.09	0.66	-7.60	-7.16	0.22	1.85	-41.85	-1268.39	-1266.22	-44.02	51.45
		1228	15.52	-0.11	-7.28	-7.11	-0.28	1.10	-24.94	-1023.41	-1019.80	-28.55	59.94
		1254	15.82	-0.58	-22.15	-22.13	-0.61	0.73	-4.23	-984.06	-983.80	-4.49	15.97
		1253	19.57	-0.41	-22.88	-22.76	-0.52	1.60	-13.49	-1236.01	-1235.88	-13.61	12.24
966	4	1228	16.08	0.81	-6.57	-6.33	0.57	1.31	-29.95	-1064.06	-1063.26	-30.74	28.72
		1229	11.91	-0.42	-5.66	-5.65	-0.43	-0.26	-0.99	-776.45	-773.41	-4.03	48.46
		1255	12.24	-1.52	-26.86	-26.80	-1.59	-1.28	6.16	-726.00	-726.00	6.16	1.65
		1254	16.64	-1.04	-27.60	-27.59	-1.06	0.67	-8.26	-1023.18	-1023.02	-8.42	-12.73
966	36	1228	15.44	0.10	-7.35	-7.06	-0.18	1.44	-28.40	-1019.66	-1018.55	-29.51	33.12
		1229	11.25	-1.14	-6.40	-6.35	-1.18	0.49	-2.83	-732.28	-728.42	-6.70	52.98
		1255	11.32	-1.17	-21.73	-21.71	-1.18	-0.60	3.93	-682.16	-682.14	3.91	3.60
		1254	15.74	-0.66	-22.42	-22.39	-0.69	0.70	-7.05	-979.58	-979.47	-7.17	-10.74
966	68	1228	15.40	0.05	-7.41	-7.11	-0.24	1.45	-28.29	-1016.39	-1015.26	-29.42	33.43
		1229	11.21	-1.18	-6.46	-6.40	-1.24	0.55	-2.96	-729.03	-725.10	-6.89	53.29
		1255	11.25	-1.14	-21.35	-21.33	-1.15	-0.54	3.77	-678.93	-678.91	3.75	3.73
		1254	15.68	-0.63	-22.03	-22.01	-0.66	0.71	-6.97	-976.38	-976.26	-7.08	-10.60
967	20	1229	11.84	4.53	-13.92	-9.31	-0.08	7.98	-9.02	-755.09	-748.65	-15.47	69.06
		1230	7.18	1.02	-11.06	-8.78	-1.26	4.73	35.91	-425.18	-409.58	20.30	83.39
		1256	6.96	-0.84	-27.02	-26.52	-1.34	3.59	15.14	-368.02	-363.80	10.92	39.99
		1255	11.96	0.88	-28.94	-27.01	-1.05	7.34	-0.74	-705.55	-704.14	-2.15	31.53
967	52	1229	11.22	1.06	-10.13	-8.00	-1.07	4.39	-6.67	-721.97	-714.44	-14.19	72.98
		1230	6.55	-1.33	-8.24	-7.26	-2.31	2.41	36.24	-393.78	-375.27	17.73	87.27
		1256	6.15	-1.27	-21.40	-21.33	-1.34	1.21	12.96	-334.38	-330.78	9.36	35.18
		1255	11.18	-0.33	-22.38	-21.75	-0.95	3.65	1.02	-672.28	-671.20	-0.07	26.98
967	84	1229	11.17	0.81	-9.86	-7.90	-1.14	4.13	-6.49	-719.59	-711.99	-14.10	73.25
		1230	6.51	-1.49	-8.05	-7.15	-2.39	2.25	36.28	-391.54	-372.81	17.55	87.54
		1256	6.09	-1.28	-21.01	-20.95	-1.34	1.04	12.81	-331.97	-328.41	9.25	34.84
		1255	11.12	-0.40	-21.91	-21.37	-0.94	3.38	1.14	-669.89	-668.83	0.08	26.66
968	24	1230	7.09	3.33	-13.56	-8.62	-1.61	7.68	30.29	-417.08	-402.26	15.47	80.06
		1231	3.65	-0.21	-9.92	-7.26	-2.87	4.33	149.51	-99.01	-10.82	61.32	118.91
		1257	1.90	-1.27	-24.19	-23.91	-1.55	2.51	73.04	-31.79	29.79	11.45	51.61
		1256	6.78	0.26	-25.63	-24.10	-1.27	6.11	17.73	-358.74	-353.94	12.93	42.24
968	52	1230	6.53	-0.41	-9.32	-7.21	-2.52	3.79	33.82	-391.11	-373.60	16.31	84.47
		1231	3.17	-2.87	-6.41	-5.70	-3.58	1.42	154.06	-78.11	17.01	58.94	114.18
		1257	2.08	-1.51	-19.96	-19.96	-1.51	-0.30	81.64	-15.29	56.86	9.50	42.29
		1256	6.06	-1.07	-20.47	-20.19	-1.35	2.31	14.34	-330.03	-326.82	11.13	33.09
968	84	1230	6.49	-0.68	-9.02	-7.11	-2.59	3.51	34.09	-389.20	-371.47	16.36	84.79
		1231	3.14	-3.05	-6.16	-5.58	-3.63	1.21	154.51	-76.65	19.10	58.77	113.87
		1257	2.10	-1.49	-19.68	-19.67	-1.51	-0.50	82.86	-14.62	58.91	9.33	41.96
		1256	6.00	-1.13	-20.12	-19.90	-1.36	2.04	14.14	-327.95	-324.78	10.97	32.77
969	29	1231	3.44	3.73	-10.73	-1.61	-5.40	-6.98	176.31	-22.94	89.06	64.31	98.86
		1232	8.71	7.98	-9.13	0.63	-1.78	-8.47	592.94	61.67	563.14	91.48	122.26
		1258	9.13	5.15	-16.91	-13.18	1.42	-8.26	548.69	-20.58	548.54	-20.44	9.16
		1257	2.94	2.76	-16.84	-12.58	-1.50	-8.08	138.68	-3.35	133.11	2.23	27.59

969	61	1231	3.28	-0.09	-7.87	-3.03	-4.94	-3.77	167.85	-44.18	61.96	61.71	106.02
		1232	8.39	4.34	-7.41	-0.89	-2.19	-5.84	571.50	59.41	536.15	94.76	129.82
		1258	8.80	2.67	-17.26	-15.29	0.71	-5.95	522.77	-17.57	522.26	-17.06	16.58
		1257	2.63	0.31	-16.45	-14.63	-1.51	-5.21	117.55	-5.42	106.72	5.41	34.85
969	93	1231	3.27	-0.37	-7.67	-3.13	-4.90	-3.54	167.28	-45.77	59.98	61.53	106.52
		1232	8.37	4.08	-7.29	-1.00	-2.21	-5.65	569.95	59.21	534.17	94.99	130.36
		1258	8.77	2.51	-17.31	-15.45	0.65	-5.78	520.88	-17.37	520.34	-16.83	17.10
		1257	2.61	0.17	-16.46	-14.79	-1.51	-5.01	116.11	-5.68	104.79	5.64	35.36
970	9	1232	8.90	-1.03	-8.17	-4.24	-4.96	-3.55	608.97	70.90	571.64	108.23	136.72
		1233	17.84	5.52	-6.52	-4.93	3.92	-4.08	1194.70	64.23	1186.41	72.52	96.45
		1259	15.33	2.42	-13.50	-13.44	2.37	-0.94	940.72	-64.60	932.86	-56.75	-88.52
		1258	9.44	5.98	-15.47	-10.79	1.31	-8.86	568.63	-33.72	567.89	-32.98	21.01
970	41	1232	8.49	0.24	-7.32	-2.91	-4.16	-3.73	582.21	68.68	537.87	113.02	144.23
		1233	17.33	8.26	-5.73	-3.25	5.77	-5.35	1163.19	67.23	1153.21	77.21	104.07
		1259	15.01	3.25	-16.62	-16.51	3.14	-1.52	910.99	-58.38	904.25	-51.64	-80.54
		1258	9.12	3.27	-16.54	-14.07	0.79	-6.55	540.10	-29.97	538.69	-28.56	28.30
970	73	1232	8.46	0.33	-7.25	-2.82	-4.10	-3.74	580.22	68.47	535.33	113.36	144.76
		1233	17.30	8.47	-5.68	-3.12	5.91	-5.44	1160.82	67.44	1150.72	77.54	104.61
		1259	14.98	3.32	-16.86	-16.74	3.20	-1.56	908.77	-57.94	902.11	-51.28	-79.97
		1258	9.10	3.09	-16.66	-14.32	0.75	-6.38	537.96	-29.72	536.50	-28.25	28.82
971	13	1233	20.42	11.62	-14.94	-9.58	6.27	-10.65	1337.21	46.25	1335.71	47.76	44.04
		1234	25.15	18.08	-16.06	-14.68	16.71	6.72	1643.29	101.70	1581.46	163.53	-302.49
		1260	19.84	3.08	-13.83	-12.35	1.60	4.78	1201.55	-130.23	1142.62	-71.30	-273.88
		1259	14.93	5.14	-15.50	-13.28	2.92	-6.39	915.20	-67.08	909.12	-60.99	-77.06
971	45	1233	19.57	12.08	-10.41	-6.30	7.98	-8.69	1291.12	51.03	1288.73	53.42	54.42
		1234	24.23	20.93	-12.31	-11.22	19.85	5.91	1592.80	107.30	1534.48	165.62	-288.50
		1260	19.44	4.63	-16.37	-15.33	3.59	4.55	1166.34	-123.38	1111.48	-68.51	-260.30
		1259	14.59	4.21	-17.18	-16.44	3.48	-3.89	882.78	-60.91	877.90	-56.03	-67.66
971	77	1233	19.50	12.12	-10.07	-6.05	8.11	-8.54	1287.65	51.35	1285.18	53.82	55.17
		1234	24.16	21.15	-12.03	-10.96	20.09	5.85	1589.00	107.69	1530.94	165.76	-287.47
		1260	19.41	4.76	-16.57	-15.56	3.75	4.53	1163.70	-122.88	1109.13	-68.31	-259.29
		1259	14.57	4.18	-17.34	-16.68	3.52	-3.70	880.34	-60.48	875.55	-55.68	-66.97
972	21	1234	28.45	29.22	-10.09	-8.78	27.91	7.05	1868.63	108.36	1814.35	162.65	-304.32
		1235	25.79	23.95	-23.13	-12.47	13.28	19.71	1507.57	-165.25	1034.49	307.82	-753.37
		1261	18.62	13.91	-21.01	-14.58	7.48	13.54	1110.20	-70.53	969.13	70.54	-382.97
		1260	18.87	11.37	-24.31	-23.94	11.00	3.64	1084.92	-133.46	1023.46	-72.00	-266.66
972	53	1234	27.76	27.18	-6.91	-5.30	25.57	7.23	1836.28	107.76	1785.80	158.24	-291.04
		1235	25.08	23.35	-20.61	-8.84	11.58	19.46	1474.28	-156.34	1004.71	313.23	-738.37
		1261	18.02	12.56	-20.45	-13.39	5.50	13.54	1080.94	-60.84	944.19	75.91	-370.73
		1260	18.35	8.78	-23.32	-22.86	8.32	3.83	1057.49	-133.80	999.67	-75.98	-256.00
972	85	1234	27.70	27.04	-6.68	-5.04	25.40	7.25	1833.88	107.73	1783.68	157.93	-290.07
		1235	25.03	23.32	-20.43	-8.57	11.46	19.45	1471.81	-155.72	1002.49	313.60	-737.27
		1261	17.97	12.47	-20.42	-13.30	5.35	13.54	1078.77	-60.15	942.34	76.29	-369.83
		1260	18.31	8.60	-23.25	-22.78	8.13	3.84	1055.46	-133.82	997.90	-76.26	-255.22
973	21	1235	24.03	29.09	-23.22	-7.28	13.14	24.08	1448.02	-46.78	1031.90	369.34	-669.97
		1236	18.12	10.84	-32.01	-7.13	-14.04	21.14	996.33	-152.48	298.51	545.34	-560.99
		1262	12.69	10.18	-21.46	-7.03	-4.25	15.76	742.98	-27.02	448.68	267.29	-374.17
		1261	18.26	13.44	-22.62	-16.21	7.03	13.79	1044.27	-131.81	881.37	31.09	-406.26
973	53	1235	23.33	27.42	-20.14	-4.04	11.32	22.51	1424.84	-29.66	1016.78	378.41	-653.46
		1236	17.47	11.11	-27.94	-3.52	-13.32	18.90	963.89	-154.39	281.61	527.90	-545.41
		1262	12.18	9.71	-19.41	-5.83	-3.88	14.53	713.37	-33.65	430.37	249.36	-362.38
		1261	17.70	11.41	-21.99	-15.50	4.92	13.21	1022.63	-117.00	864.92	40.70	-393.52
973	85	1235	23.28	27.32	-19.93	-3.80	11.19	22.40	1423.12	-28.42	1015.65	379.05	-652.25
		1236	17.42	11.14	-27.65	-3.25	-13.26	18.74	961.51	-154.52	280.35	526.64	-544.26
		1262	12.14	9.67	-19.26	-5.74	-3.85	14.44	711.20	-34.13	429.01	248.07	-361.51
		1261	17.66	11.27	-21.95	-15.45	4.77	13.17	1021.03	-115.95	863.70	41.37	-392.58
974	17	1236	19.15	15.80	-27.89	-0.24	-11.86	21.06	1045.09	-190.01	294.37	560.70	-603.02
		1198	12.32	-0.68	-33.56	-1.27	-32.97	4.39	660.89	-101.26	-24.04	583.68	-229.97
		1197	7.55	-0.17	-11.46	-0.76	-10.87	2.52	429.65	-66.19	-9.90	373.35	-157.30
		1262	13.12	8.83	-19.82	-5.28	-5.71	14.32	737.47	-100.27	371.64	265.56	-415.50
974	49	1236	18.66	14.32	-26.25	-0.21	-11.72	19.45	1023.38	-186.39	291.59	545.41	-591.42
		1198	11.84	-0.26	-31.10	-0.53	-30.83	2.88	638.22	-100.33	-27.63	565.52	-220.02
		1197	7.13	0.37	-9.04	9.57e-03	-8.68	1.81	406.65	-69.32	-16.96	354.30	-148.93
		1262	12.76	8.31	-18.75	-4.91	-5.53	13.53	716.89	-102.19	365.33	249.37	-405.42
974	81	1236	18.63	14.22	-26.13	-0.20	-11.71	19.34	1021.80	-186.10	291.38	544.31	-590.56
		1198	11.80	-0.22	-30.93	-0.48	-30.68	2.78	636.56	-100.26	-27.90	564.20	-219.28
		1197	7.10	0.41	-8.87	0.06	-8.53	1.75	404.98	-69.55	-17.49	352.91	-148.30
		1262	12.74	8.27	-18.67	-4.88	-5.52	13.47	715.39	-102.32	364.86	248.21	-404.67
975	28	1184	2.80	-5.83	-11.28	-9.18	-7.93	-2.65	167.22	8.00	27.36	147.86	52.03
		1237	3.68	9.23	-21.63	-2.81	-9.60	-15.05	158.32	3.17	59.84	101.66	74.71
		1185	0.88	-1.57	-6.02	-5.98	-1.61	-0.43	35.52	-15.21	24.24	-3.93	21.09
		1167	0.36	5.78	1.79	5.42	2.15	1.13	7.08	-6.76	6.43	-6.10	-2.93
975	60	1184	2.67	-5.91	-11.12	-9.53	-7.50	-2.40	161.03	6.71	23.55	144.18	48.12
		1237	3.53	9.03	-20.86	-2.98	-8.85	-14.65	151.88	4.05	56.40	99.54	70.70
		1185	0.77	-0.74	-5.57	-5.57	-0.74	1.09e-03	29.55	-15.43	20.46	-6.34	18.06
		1167	0.39	6.43	2.06	5.82	2.67	1.52	4.63	-12.25	2.34	-9.96	-5.77
975	92	1184	2.67	-5.91	-11.12	-9.55	-7.47	-2.39	160.59	6.61	23.28	143.92	47.84

		1237	3.52	9.02	-20.80	-2.99	-8.80	-14.63	151.42	4.11	56.15	99.39	70.41
		1185	0.77	-0.68	-5.54	-5.54	-0.68	0.03	29.13	-15.44	20.19	-6.50	17.85
		1167	0.40	6.48	2.08	5.85	2.71	1.54	4.48	-12.66	2.05	-10.24	-5.97
976	9	1237	3.12	4.98	-24.28	-12.80	-6.51	-14.29	132.59	18.03	58.92	91.70	54.89
		1238	2.61	12.31	-29.75	-20.31	2.87	-17.54	58.84	-19.82	-19.49	58.51	-5.07
		1168	2.10	-0.27	-16.44	-16.07	-0.64	-2.42	-2.44	-89.45	-88.71	-3.18	8.01
		1185	0.44	4.29	-2.43	-0.92	2.78	2.80	-7.53	-18.93	-7.70	-18.75	1.39
976	41	1237	3.40	5.19	-26.80	-14.42	-7.19	-15.58	143.21	21.33	70.33	94.21	59.76
		1238	2.40	11.26	-30.38	-21.61	2.49	-16.98	56.42	-8.60	-8.60	56.42	-0.01
		1168	1.87	-0.71	-15.81	-15.48	-1.04	-2.20	-3.30	-79.00	-77.13	-5.18	11.76
		1185	0.39	3.10	-1.36	-0.35	2.09	1.86	5.54	-16.99	4.40	-15.85	4.93
976	73	1237	3.42	5.21	-26.99	-14.54	-7.24	-15.68	143.99	21.55	71.16	94.39	60.11
		1238	2.38	11.18	-30.43	-21.71	2.46	-16.93	56.27	-7.80	-7.80	56.27	0.35
		1168	1.86	-0.74	-15.77	-15.44	-1.07	-2.18	-3.34	-78.27	-76.29	-5.32	12.02
		1185	0.39	3.01	-1.28	-0.31	2.04	1.79	6.49	-16.86	5.28	-15.65	5.18
977	9	1238	2.50	9.20	-25.36	-18.07	1.92	-14.09	56.49	-38.77	-38.58	56.29	-4.33
		1239	5.74	7.28	-23.70	-21.04	4.62	-8.68	59.02	-257.89	-250.79	51.93	-46.88
		1186	6.11	-0.85	-33.34	-33.24	-0.95	-1.81	-1.75	-299.23	-299.20	-1.78	2.95
		1168	2.46	0.64	-18.07	-18.07	0.63	0.30	-13.60	-109.52	-109.42	-13.70	3.06
977	41	1238	2.35	9.42	-28.17	-20.37	1.61	-15.24	58.25	-18.66	-18.65	58.25	0.61
		1239	5.55	7.84	-26.56	-23.26	4.54	-10.14	55.87	-237.28	-231.23	49.82	-41.69
		1186	5.74	-0.78	-32.06	-31.98	-0.86	-1.57	-3.55	-279.19	-279.00	-3.73	7.16
		1168	2.11	0.24	-16.93	-16.90	0.21	-0.76	-10.74	-89.47	-88.83	-11.37	7.06
977	73	1238	2.34	9.43	-28.38	-20.54	1.59	-15.33	58.40	-17.20	-17.19	58.39	0.96
		1239	5.53	7.88	-26.77	-23.42	4.53	-10.24	55.64	-235.78	-229.80	49.66	-41.32
		1186	5.71	-0.77	-31.96	-31.89	-0.85	-1.55	-3.67	-277.73	-277.52	-3.87	7.45
		1168	2.08	0.22	-16.85	-16.81	0.18	-0.84	-10.51	-88.03	-87.32	-11.21	7.34
978	14	1239	5.93	8.29	-27.14	-23.39	4.53	-10.91	59.34	-260.39	-255.39	54.34	-39.67
		1240	9.86	5.19	-24.82	-23.94	4.31	-5.06	52.83	-538.04	-533.59	48.38	-51.11
		1169	10.88	-0.90	-50.42	-50.41	-0.90	0.17	2.02	-557.81	-557.74	1.95	6.26
		1186	6.55	-1.58	-41.35	-41.33	-1.59	-0.85	-1.15	-302.33	-302.28	-1.21	4.09
978	46	1239	5.66	8.06	-27.85	-24.15	4.35	-10.92	56.69	-241.18	-236.44	51.95	-37.27
		1240	9.59	4.80	-25.63	-24.71	3.88	-5.21	50.14	-519.07	-514.91	45.98	-48.51
		1169	10.32	-0.68	-45.11	-45.11	-0.68	-0.24	-0.29	-538.99	-538.86	-0.41	8.24
		1186	5.99	-1.05	-35.90	-35.87	-1.09	-1.13	-3.66	-283.25	-283.13	-3.78	5.88
978	78	1239	5.64	8.04	-27.91	-24.21	4.34	-10.92	56.50	-239.74	-235.02	51.78	-37.10
		1240	9.57	4.77	-25.69	-24.77	3.85	-5.22	49.95	-517.65	-513.50	45.80	-48.32
		1169	10.28	-0.67	-44.72	-44.72	-0.67	-0.27	-0.45	-537.58	-537.45	-0.58	8.37
		1186	5.94	-1.01	-35.51	-35.47	-1.05	-1.15	-3.83	-281.82	-281.69	-3.96	6.00
979	14	1240	10.12	4.94	-25.08	-24.14	4.00	-5.22	51.75	-555.37	-551.57	47.95	-47.87
		1241	14.17	2.91	-24.34	-24.28	2.85	-1.28	34.82	-840.81	-838.89	32.90	-40.96
		1187	15.57	-0.84	-57.08	-57.07	-0.84	0.69	-1.28	-849.93	-849.84	-1.37	8.66
		1169	11.29	-1.48	-53.59	-53.59	-1.48	9.22e-03	1.53	-575.93	-575.91	1.51	3.40
979	46	1240	9.72	4.59	-25.70	-24.77	3.65	-5.23	49.47	-528.76	-525.16	45.86	-45.53
		1241	13.80	2.43	-24.98	-24.91	2.36	-1.37	35.56	-814.46	-812.72	33.82	-38.38
		1187	14.85	-0.55	-50.16	-50.16	-0.55	0.27	-0.28	-823.78	-823.65	-0.42	10.70
		1169	10.54	-0.94	-46.50	-46.50	-0.95	-0.33	-0.57	-549.51	-549.46	-0.62	5.21
979	78	1240	9.69	4.56	-25.75	-24.82	3.63	-5.23	49.30	-526.75	-523.16	45.71	-45.36
		1241	13.78	2.39	-25.03	-24.96	2.32	-1.38	35.62	-812.47	-810.74	33.89	-38.19
		1187	14.79	-0.53	-49.65	-49.65	-0.53	0.24	-0.21	-821.81	-821.67	-0.35	10.84
		1169	10.48	-0.90	-45.99	-45.99	-0.91	-0.35	-0.72	-547.51	-547.46	-0.78	5.33
980	6	1241	14.48	2.63	-24.32	-24.25	2.56	-1.38	39.44	-859.25	-857.68	37.87	-37.55
		1242	18.27	1.86	-24.21	-24.18	1.83	0.76	21.14	-1123.92	-1123.37	20.59	-25.00
		1170	19.01	-0.84	-41.78	-41.78	-0.84	0.19	0.88	-1129.16	-1129.03	0.75	12.27
		1187	15.10	-1.35	-41.27	-41.27	-1.35	-0.18	4.10	-869.50	-869.46	4.06	5.91
980	38	1241	13.96	2.28	-24.97	-24.89	2.20	-1.42	37.41	-823.89	-822.43	35.95	-35.44
		1242	17.77	1.32	-24.84	-24.82	1.30	0.65	22.01	-1088.87	-1088.41	21.55	-22.72
		1170	18.58	-0.47	-43.24	-43.24	-0.47	0.15	1.89	-1094.23	-1094.04	1.71	14.16
		1187	14.65	-0.78	-42.75	-42.75	-0.78	-0.15	2.25	-834.27	-834.20	2.18	7.63
980	70	1241	13.92	2.25	-25.02	-24.94	2.18	-1.43	37.27	-821.22	-819.77	35.82	-35.29
		1242	17.73	1.28	-24.89	-24.87	1.27	0.64	22.08	-1086.22	-1085.76	21.62	-22.56
		1170	18.54	-0.44	-43.35	-43.35	-0.44	0.14	1.97	-1091.58	-1091.40	1.78	14.28
		1187	14.61	-0.74	-42.86	-42.86	-0.74	-0.15	2.12	-831.60	-831.53	2.05	7.75
981	6	1242	18.54	1.60	-24.20	-24.19	1.59	0.67	25.67	-1139.46	-1139.05	25.27	-21.74
		1243	21.83	1.43	-24.01	-23.91	1.33	1.61	9.09	-1369.20	-1369.12	9.01	-10.50
		1188	22.64	-0.88	-40.78	-40.78	-0.88	0.23	2.92	-1373.24	-1373.07	2.75	15.12
		1170	19.32	-0.02	-41.77	-41.76	-0.02	0.17	5.95	-1145.76	-1145.68	5.87	9.53
981	38	1242	17.90	1.20	-24.84	-24.83	1.19	0.58	23.90	-1096.58	-1096.22	23.55	-20.03
		1243	21.22	0.86	-24.62	-24.53	0.77	1.49	9.78	-1326.59	-1326.54	9.72	-8.67
		1188	22.08	-0.44	-42.17	-42.17	-0.44	0.19	3.63	-1330.59	-1330.38	3.43	16.65
		1170	18.73	-0.08	-43.17	-43.17	-0.08	0.12	4.33	-1102.85	-1102.74	4.22	10.98
981	70	1242	17.85	1.17	-24.89	-24.88	1.16	0.58	23.78	-1093.32	-1092.97	23.42	-19.91
		1243	21.17	0.81	-24.67	-24.58	0.73	1.48	9.83	-1323.36	-1323.30	9.77	-8.54
		1188	22.04	-0.41	-42.27	-42.27	-0.41	0.18	3.69	-1327.34	-1327.13	3.48	16.75
		1170	18.69	-0.09	-43.28	-43.28	-0.09	0.12	4.21	-1099.59	-1099.48	4.10	11.07
982	18	1243	22.44	1.60	-37.34	-37.31	1.57	1.13	11.64	-1362.81	-1362.79	11.62	4.94
		1244	25.16	2.03	-36.77	-36.63	1.90	-2.27	0.94	-1551.75	-1551.65	0.85	12.31

		1171	26.67	-0.65	-66.85	-66.71	-0.80	-3.07	5.97	-1554.69	-1554.18	5.46	28.34
		1188	23.93	-1.69	-68.42	-68.41	-1.70	0.59	6.05	-1367.09	-1366.65	5.61	24.54
982	50	1243	21.48	0.93	-30.79	-30.74	0.88	1.25	10.80	-1322.84	-1322.84	10.80	-0.63
		1244	24.21	0.90	-30.16	-30.16	0.90	-0.17	0.51	-1511.76	-1511.72	0.48	6.88
		1171	25.42	-0.34	-53.34	-53.31	-0.38	-1.35	5.52	-1514.90	-1514.56	5.18	22.77
		1188	22.67	-0.81	-54.91	-54.91	-0.81	0.35	5.18	-1327.27	-1327.00	4.92	18.84
982	82	1243	21.41	0.89	-30.31	-30.26	0.83	1.26	10.75	-1319.91	-1319.91	10.74	-1.02
		1244	24.14	0.83	-29.69	-29.69	0.83	-0.01	0.49	-1508.82	-1508.79	0.46	6.50
		1171	25.33	-0.32	-52.36	-52.33	-0.35	-1.22	5.49	-1511.98	-1511.65	5.16	22.38
		1188	22.58	-0.75	-53.93	-53.93	-0.75	0.33	5.12	-1324.35	-1324.09	4.87	18.44
983	18	1244	25.22	1.28	-38.04	-37.95	1.19	1.89	-1.35	-1553.39	-1553.27	-1.48	13.81
		1245	27.33	2.03	-37.26	-37.15	1.92	-2.06	-6.58	-1698.68	-1698.50	-6.76	17.26
		1189	28.91	-0.81	-67.67	-67.54	-0.94	-2.93	6.55	-1700.64	-1700.23	6.14	26.36
		1171	26.81	-1.74	-69.34	-69.33	-1.76	1.01	4.33	-1556.61	-1556.23	3.95	24.35
983	50	1244	24.24	0.68	-30.86	-30.76	0.58	1.75	-0.61	-1512.66	-1512.61	-0.66	8.59
		1245	26.34	0.87	-30.06	-30.06	0.87	-0.05	-7.12	-1657.92	-1657.83	-7.21	12.13
		1189	27.58	-0.40	-52.85	-52.81	-0.44	-1.29	6.07	-1660.20	-1659.94	5.81	21.00
		1171	25.48	-0.82	-54.51	-54.50	-0.82	0.54	4.91	-1516.19	-1515.96	4.68	18.89
983	82	1244	24.17	0.64	-30.34	-30.24	0.54	1.74	-0.55	-1509.65	-1509.61	-0.60	8.22
		1245	26.27	0.80	-29.54	-29.54	0.80	0.10	-7.16	-1654.90	-1654.82	-7.24	11.77
		1189	27.48	-0.37	-51.77	-51.74	-0.40	-1.17	6.04	-1657.21	-1656.96	5.79	20.62
		1171	25.39	-0.75	-53.43	-53.43	-0.75	0.50	4.96	-1513.20	-1512.97	4.73	18.50
984	18	1245	27.35	1.41	-38.33	-38.12	1.19	2.92	-8.70	-1698.16	-1697.96	-8.90	18.69
		1246	28.81	2.06	-37.40	-37.31	1.97	-1.87	-12.02	-1799.23	-1799.03	-12.21	18.77
		1172	30.41	-0.96	-67.92	-67.81	-1.07	-2.73	6.82	-1799.80	-1799.52	6.54	22.70
		1189	28.98	-1.80	-69.55	-69.49	-1.86	1.99	5.12	-1700.50	-1700.21	4.83	22.26
984	50	1245	26.35	0.70	-30.67	-30.50	0.54	2.25	-8.14	-1657.79	-1657.68	-8.26	13.83
		1246	27.80	0.89	-29.76	-29.76	0.89	0.02	-12.59	-1758.81	-1758.69	-12.70	14.03
		1172	29.03	-0.46	-52.12	-52.10	-0.49	-1.21	6.37	-1759.75	-1759.58	6.19	17.66
		1189	27.61	-0.84	-53.73	-53.71	-0.86	0.97	5.57	-1660.50	-1660.32	5.40	17.08
984	82	1245	26.27	0.65	-30.11	-29.95	0.49	2.20	-8.10	-1654.78	-1654.67	-8.21	13.48
		1246	27.72	0.82	-29.21	-29.21	0.81	0.16	-12.63	-1755.79	-1755.69	-12.74	13.69
		1172	28.93	-0.43	-50.98	-50.95	-0.45	-1.10	6.34	-1756.76	-1756.59	6.17	17.30
		1189	27.51	-0.77	-52.58	-52.56	-0.79	0.90	5.61	-1657.51	-1657.34	5.44	16.71
985	18	1246	28.80	1.56	-38.24	-37.97	1.29	3.28	-13.95	-1797.59	-1797.36	-14.17	20.10
		1247	29.60	2.07	-37.20	-37.13	2.01	-1.62	-15.73	-1854.31	-1854.14	-15.90	17.73
		1190	31.20	-1.09	-67.63	-67.54	-1.18	-2.49	6.87	-1853.42	-1853.25	6.70	17.78
		1172	30.44	-1.80	-69.23	-69.14	-1.89	2.38	5.55	-1798.70	-1798.51	5.36	18.48
985	50	1246	27.79	0.76	-30.25	-30.06	0.58	2.40	-13.53	-1758.14	-1758.00	-13.67	15.65
		1247	28.59	0.92	-29.28	-29.28	0.92	0.12	-16.29	-1814.81	-1814.71	-16.39	13.42
		1190	29.81	-0.52	-51.19	-51.17	-0.54	-1.10	6.47	-1814.23	-1814.13	6.38	13.12
		1172	29.05	-0.85	-52.73	-52.71	-0.87	1.15	5.95	-1759.56	-1759.45	5.85	13.68
985	82	1246	27.72	0.71	-29.67	-29.49	0.53	2.33	-13.50	-1755.17	-1755.04	-13.63	15.34
		1247	28.51	0.84	-28.72	-28.71	0.84	0.25	-16.33	-1811.84	-1811.75	-16.42	13.11
		1190	29.70	-0.48	-50.00	-49.98	-0.50	-1.00	6.44	-1811.28	-1811.19	6.35	12.79
		1172	28.95	-0.77	-51.54	-51.51	-0.80	1.06	5.98	-1756.61	-1756.51	5.88	13.33
986	18	1247	29.58	1.71	-37.82	-37.47	1.36	3.70	-17.52	-1852.81	-1852.61	-17.72	19.07
		1248	29.73	2.05	-36.68	-36.64	2.01	-1.31	-18.06	-1865.37	-1865.25	-18.19	15.13
		1173	31.29	-1.19	-66.77	-66.70	-1.26	-2.20	6.78	-1862.75	-1862.67	6.70	12.00
		1190	31.20	-1.77	-68.36	-68.24	-1.89	2.79	5.66	-1852.62	-1852.52	5.56	13.49
986	50	1247	28.58	0.84	-29.65	-29.44	0.62	2.57	-17.16	-1814.15	-1814.02	-17.29	15.04
		1248	28.72	0.93	-28.66	-28.65	0.92	0.25	-18.55	-1826.69	-1826.62	-18.62	11.23
		1173	29.90	-0.56	-50.02	-50.00	-0.58	-0.97	6.48	-1824.21	-1824.18	6.44	7.74
		1190	29.81	-0.84	-51.52	-51.49	-0.87	1.33	6.10	-1814.10	-1814.05	6.06	9.08
986	82	1247	28.50	0.77	-29.06	-28.85	0.56	2.49	-17.14	-1811.23	-1811.11	-17.26	14.75
		1248	28.64	0.85	-28.08	-28.07	0.85	0.36	-18.59	-1823.76	-1823.70	-18.65	10.95
		1173	29.79	-0.52	-48.80	-48.78	-0.53	-0.89	6.46	-1821.30	-1821.27	6.43	7.43
		1190	29.71	-0.77	-50.30	-50.27	-0.80	1.23	6.13	-1811.19	-1811.15	6.09	8.77
987	18	1248	29.70	1.86	-37.07	-36.63	1.42	4.11	-19.77	-1865.01	-1864.86	-19.92	16.69
		1249	29.20	2.00	-35.85	-35.83	1.98	-0.93	-19.25	-1833.59	-1833.51	-19.33	11.94
		1191	30.71	-1.26	-65.31	-65.25	-1.32	-1.87	6.62	-1828.83	-1828.81	6.60	5.99
		1173	31.29	-1.70	-66.92	-66.76	-1.85	3.16	5.60	-1863.26	-1863.22	5.56	7.83
987	50	1248	28.70	0.91	-28.91	-28.65	0.65	2.76	-19.40	-1826.44	-1826.35	-19.49	12.98
		1249	28.20	0.92	-27.89	-27.88	0.91	0.42	-19.63	-1795.04	-1795.00	-19.67	8.34
		1191	29.31	-0.59	-48.57	-48.56	-0.61	-0.82	6.44	-1790.19	-1790.18	6.44	2.07
		1173	29.90	-0.81	-50.07	-50.02	-0.86	1.50	6.13	-1824.60	-1824.59	6.13	3.79
987	82	1248	28.63	0.84	-28.32	-28.07	0.60	2.66	-19.37	-1823.53	-1823.44	-19.46	12.72
		1249	28.12	0.85	-27.31	-27.30	0.84	0.52	-19.66	-1792.12	-1792.09	-19.70	8.08
		1191	29.21	-0.55	-47.35	-47.34	-0.56	-0.75	6.43	-1787.27	-1787.26	6.42	1.79
		1173	29.79	-0.74	-48.85	-48.81	-0.78	1.38	6.17	-1821.68	-1821.67	6.16	3.50
988	18	1249	29.18	1.99	-36.03	-35.48	1.45	4.50	-20.87	-1834.59	-1834.49	-20.98	13.63
		1250	28.02	1.91	-34.71	-34.71	1.90	-0.50	-19.75	-1758.85	-1758.75	-19.85	13.04
		1174	29.46	-1.31	-63.23	-63.19	-1.35	-1.50	6.40	-1752.08	-1752.08	6.40	0.09
		1191	30.69	-1.59	-64.88	-64.68	-1.78	3.49	5.52	-1830.68	-1830.68	5.51	1.92
988	50	1249	28.18	0.97	-28.02	-27.72	0.67	2.93	-20.45	-1795.31	-1795.25	-20.50	10.12
		1250	27.02	0.90	-26.98	-26.97	0.88	0.63	-19.81	-1719.78	-1719.75	-19.85	7.28
		1174	28.06	-0.61	-46.84	-46.83	-0.62	-0.65	6.35	-1712.55	-1712.54	6.34	-3.59

		1191	29.31	-0.77	-48.35	-48.29	-0.82	1.65	6.14	-1791.10	-1791.09	6.14	-1.84
988	82	1249	28.11	0.90	-27.44	-27.16	0.62	2.82	-20.41	-1792.36	-1792.30	-20.47	9.87
		1250	26.95	0.83	-26.42	-26.41	0.81	0.71	-19.82	-1716.85	-1716.82	-19.84	6.86
		1174	27.96	-0.56	-45.65	-45.64	-0.57	-0.59	6.35	-1709.58	-1709.57	6.34	-3.86
		1191	29.20	-0.70	-47.15	-47.10	-0.75	1.52	6.19	-1788.12	-1788.12	6.19	-2.11
989	18	1250	28.00	2.11	-34.68	-34.02	1.45	4.86	-21.22	-1760.50	-1760.37	-21.34	14.84
		1251	26.19	1.79	-33.29	-33.29	1.79	-0.03	-18.84	-1641.14	-1641.07	-18.90	10.44
		1192	27.51	-1.33	-60.53	-60.50	-1.35	-1.10	6.16	-1631.47	-1631.45	6.15	-5.43
		1174	29.41	-1.45	-62.22	-61.99	-1.68	3.77	5.44	-1754.39	-1754.38	5.43	-3.89
989	50	1250	27.00	1.02	-27.00	-26.65	0.68	3.10	-20.57	-1720.29	-1720.24	-20.62	9.09
		1251	25.19	0.85	-25.95	-25.93	0.83	0.85	-18.74	-1601.01	-1600.99	-18.75	4.69
		1192	26.13	-0.62	-44.80	-44.80	-0.62	-0.46	6.25	-1590.75	-1590.70	6.20	-9.03
		1174	28.04	-0.71	-46.34	-46.27	-0.78	1.79	6.14	-1713.61	-1713.58	6.11	-7.50
989	82	1250	26.93	0.95	-26.44	-26.12	0.62	2.98	-20.52	-1717.29	-1717.25	-20.56	8.67
		1251	25.12	0.79	-25.42	-25.39	0.76	0.91	-18.73	-1598.01	-1598.00	-18.74	4.27
		1192	26.03	-0.57	-43.66	-43.65	-0.57	-0.41	6.26	-1587.72	-1587.66	6.20	-9.29
		1174	27.94	-0.65	-45.19	-45.13	-0.71	1.64	6.19	-1710.57	-1710.54	6.15	-7.76
990	24	1251	25.45	2.43	-36.79	-36.19	1.83	4.83	-20.59	-1582.61	-1582.55	-20.65	9.93
		1252	23.00	2.06	-35.44	-35.44	2.05	-0.21	-15.00	-1419.05	-1419.02	-15.03	6.75
		1175	24.33	-1.59	-64.62	-64.60	-1.61	-1.18	7.07	-1405.46	-1405.42	7.03	-7.78
		1192	27.70	-1.66	-66.38	-66.16	-1.89	3.82	4.23	-1627.37	-1627.36	4.21	-4.45
990	56	1251	24.84	1.19	-27.62	-27.29	0.85	3.10	-19.61	-1572.99	-1572.97	-19.63	5.43
		1252	22.38	0.96	-26.59	-26.57	0.94	0.74	-15.61	-1409.59	-1409.59	-15.62	2.15
		1175	23.26	-0.74	-45.94	-45.93	-0.74	-0.50	6.68	-1395.57	-1395.45	6.57	-12.71
		1192	26.22	-0.81	-47.52	-47.45	-0.88	1.82	5.59	-1588.75	-1588.68	5.52	-10.61
990	88	1251	24.79	1.10	-26.96	-26.64	0.78	2.97	-19.54	-1572.33	-1572.32	-19.56	5.11
		1252	22.34	0.88	-25.95	-25.93	0.86	0.81	-15.66	-1408.95	-1408.95	-15.66	1.82
		1175	23.19	-0.67	-44.57	-44.57	-0.68	-0.45	6.65	-1394.90	-1394.78	6.53	-13.06
		1192	26.11	-0.74	-46.15	-46.09	-0.80	1.67	5.69	-1585.91	-1585.84	5.61	-11.05
991	20	1252	23.80	2.44	-34.81	-34.12	1.75	5.02	-17.87	-1478.65	-1478.62	-17.91	7.02
		1253	20.70	1.79	-33.46	-33.46	1.79	0.18	-10.92	-1271.11	-1271.08	-10.95	5.74
		1193	21.85	-1.52	-60.60	-60.59	-1.53	-0.74	7.29	-1253.35	-1253.20	7.14	-13.73
		1175	25.07	-1.44	-62.34	-62.08	-1.70	3.96	4.21	-1464.85	-1464.80	4.15	-9.02
991	52	1252	22.76	1.17	-26.34	-25.97	0.80	3.17	-17.03	-1437.55	-1437.55	-17.04	3.30
		1253	19.65	0.80	-25.36	-25.33	0.77	0.86	-11.62	-1230.00	-1230.00	-11.63	1.85
		1193	20.38	-0.70	-43.32	-43.32	-0.70	-0.30	6.75	-1211.96	-1211.71	6.49	-17.58
		1175	23.61	-0.71	-44.86	-44.78	-0.79	1.88	5.59	-1423.71	-1423.54	5.43	-15.31
991	84	1252	22.68	1.08	-25.73	-25.38	0.73	3.04	-16.97	-1434.54	-1434.54	-16.98	3.03
		1253	19.57	0.73	-24.77	-24.74	0.69	0.91	-11.68	-1226.99	-1226.99	-11.68	1.57
		1193	20.27	-0.64	-42.05	-42.05	-0.64	-0.26	6.71	-1208.93	-1208.67	6.44	-17.85
		1175	23.51	-0.65	-43.58	-43.51	-0.72	1.73	5.70	-1420.70	-1420.53	5.52	-15.76
992	20	1253	20.56	2.34	-32.63	-31.83	1.54	5.22	-13.91	-1268.13	-1268.01	-14.03	12.01
		1254	16.80	1.42	-31.32	-31.32	1.42	0.33	-5.42	-1015.80	-1015.66	-5.57	12.18
		1176	17.74	-1.39	-56.22	-56.22	-1.39	-0.23	7.02	-993.91	-993.75	6.86	-12.72
		1193	21.63	-1.19	-57.75	-57.43	-1.51	4.26	4.72	-1250.65	-1250.51	4.58	-13.17
992	52	1253	19.58	1.06	-24.99	-24.58	0.65	3.24	-13.10	-1228.35	-1228.30	-13.15	7.98
		1254	15.81	0.51	-24.11	-24.09	0.49	0.79	-6.14	-975.95	-975.89	-6.21	7.97
		1176	16.37	-0.62	-40.63	-40.63	-0.62	-0.02	6.53	-954.02	-953.72	6.23	-16.88
		1193	20.28	-0.59	-41.95	-41.85	-0.69	2.08	5.84	-1210.77	-1210.53	5.60	-17.13
992	84	1253	19.51	0.97	-24.43	-24.05	0.58	3.09	-13.04	-1225.46	-1225.41	-13.09	7.70
		1254	15.74	0.44	-23.59	-23.56	0.42	0.82	-6.20	-973.05	-972.99	-6.26	7.67
		1176	16.28	-0.57	-39.49	-39.49	-0.57	-3.72e-03	6.49	-951.12	-950.81	6.18	-17.18
		1193	20.18	-0.54	-40.80	-40.71	-0.63	1.92	5.92	-1207.88	-1207.63	5.67	-17.41
993	20	1254	16.61	2.07	-30.21	-29.44	1.29	4.95	-8.33	-1010.12	-1010.02	-8.43	10.11
		1255	12.17	0.73	-29.04	-28.97	0.66	1.44	1.37	-712.59	-712.30	1.08	14.51
		1194	12.90	-1.34	-51.66	-51.61	-1.39	1.53	6.37	-687.61	-687.14	5.90	-18.02
		1176	17.44	-0.90	-52.69	-52.37	-1.22	4.07	4.42	-988.39	-987.97	4.00	-20.36
993	52	1254	15.72	0.78	-23.58	-23.23	0.43	2.89	-7.51	-973.11	-973.07	-7.55	6.12
		1255	11.28	-0.02	-22.83	-22.79	-0.05	0.86	0.54	-675.39	-675.24	0.39	10.35
		1194	11.69	-0.58	-38.15	-38.14	-0.59	0.69	5.97	-650.71	-649.96	5.22	-22.16
		1176	16.24	-0.44	-38.94	-38.84	-0.54	1.93	5.60	-951.51	-950.89	4.98	-24.31
993	84	1254	15.65	0.69	-23.10	-22.77	0.37	2.75	-7.45	-970.44	-970.40	-7.49	5.84
		1255	11.21	-0.07	-22.37	-22.34	-0.10	0.82	0.48	-672.71	-672.56	0.33	10.05
		1194	11.60	-0.52	-37.16	-37.15	-0.53	0.63	5.94	-648.04	-647.27	5.17	-22.45
		1176	16.15	-0.41	-37.93	-37.85	-0.49	1.77	5.69	-948.85	-948.22	5.06	-24.59
994	20	1255	11.94	1.43	-27.56	-26.85	0.72	4.47	-1.68	-704.41	-703.83	-2.26	20.21
		1256	6.88	-5.65e-03	-26.64	-26.63	-0.02	0.67	7.82	-366.39	-364.83	6.26	24.12
		1177	7.46	-1.10	-47.89	-47.83	-1.16	1.69	4.84	-338.03	-337.55	4.35	-12.94
		1194	12.56	0.39	-47.66	-47.28	5.77e-03	4.29	3.05	-678.93	-678.67	2.79	-13.38
994	52	1255	11.16	0.21	-22.06	-21.82	-0.04	2.32	-0.80	-671.30	-670.91	-1.18	16.02
		1256	6.10	-0.59	-21.62	-21.62	-0.60	-0.17	6.68	-332.92	-331.76	5.53	19.76
		1177	6.44	-0.44	-36.69	-36.68	-0.46	0.74	5.18	-306.03	-304.76	3.91	-19.84
		1194	11.53	0.17	-36.24	-36.12	0.05	2.06	4.83	-646.66	-646.04	4.20	-20.15
994	84	1255	11.11	0.12	-21.66	-21.45	-0.09	2.16	-0.73	-668.92	-668.55	-1.10	15.72
		1256	6.05	-0.64	-21.25	-21.25	-0.64	-0.23	6.60	-330.51	-329.38	5.47	19.46
		1177	6.37	-0.39	-35.87	-35.86	-0.40	0.68	5.22	-303.75	-302.41	3.88	-20.33
		1194	11.46	0.16	-35.40	-35.30	0.06	1.90	4.96	-644.35	-643.70	4.31	-20.62

995	20	1256	6.68	0.46	-24.70	-24.36	0.12	2.92	8.78	-357.75	-355.78	6.80	26.85
		1257	1.74	-0.56	-24.28	-24.26	-0.58	-0.65	46.52	-17.70	23.48	5.33	30.80
		1195	2.94	-0.98	-45.64	-45.60	-1.03	1.45	50.11	-6.67	41.94	1.50	-19.93
		1177	7.10	0.44	-43.42	-43.14	0.16	3.52	5.50	-328.18	-327.00	4.32	-19.83
995	52	1256	6.00	-0.55	-20.60	-20.57	-0.58	0.78	7.56	-328.66	-327.38	6.28	20.67
		1257	1.92	-0.79	-20.59	-20.41	-0.96	-1.85	62.45	-5.84	52.03	4.59	24.56
		1195	2.97	-0.38	-36.97	-36.97	-0.38	0.32	79.23	-8.14	70.29	0.80	-26.48
		1177	6.26	0.21	-34.56	-34.50	0.15	1.46	6.02	-301.07	-298.80	3.74	-26.34
995	84	1256	5.95	-0.61	-20.31	-20.29	-0.63	0.62	7.48	-326.57	-325.34	6.24	20.24
		1257	1.93	-0.79	-20.32	-20.13	-0.99	-1.93	63.88	-5.27	54.08	4.53	24.12
		1195	2.98	-0.33	-36.33	-36.32	-0.34	0.25	81.33	-8.25	72.33	0.75	-26.93
		1177	6.20	0.20	-33.91	-33.86	0.15	1.31	6.07	-299.14	-296.77	3.70	-26.80
996	7	1257	2.33	0.20	-23.80	-22.74	-0.87	-4.95	74.76	-6.13	62.76	5.87	28.75
		1258	8.32	4.38	-25.34	-22.71	1.75	-8.44	467.30	-11.40	467.24	-11.34	5.24
		1178	9.06	0.15	-48.30	-47.95	-0.20	-4.12	446.76	-2.61	443.23	0.91	-39.63
		1195	3.46	-1.60	-43.81	-43.81	-1.60	0.17	91.09	-7.80	82.00	1.29	-28.57
996	39	1257	2.24	-0.38	-20.53	-19.76	-1.15	-3.86	80.50	-3.58	71.69	5.23	25.75
		1258	8.27	2.43	-21.55	-19.86	0.73	-6.15	476.06	-12.97	476.05	-12.96	2.21
		1178	8.86	0.05	-40.64	-40.51	-0.08	-2.30	455.92	-4.92	451.83	-0.83	-43.25
		1195	3.26	-0.65	-36.32	-36.32	-0.65	-0.21	100.97	-9.49	90.69	0.78	-32.08
996	71	1257	2.23	-0.42	-20.28	-19.53	-1.17	-3.78	80.94	-3.43	72.33	5.18	25.54
		1258	8.27	2.29	-21.27	-19.64	0.66	-5.98	476.69	-13.09	476.68	-13.08	1.99
		1178	8.84	0.05	-40.05	-39.94	-0.07	-2.16	456.57	-5.10	452.44	-0.96	-43.51
		1195	3.24	-0.58	-35.75	-35.74	-0.58	-0.24	101.67	-9.61	91.31	0.75	-32.33
997	29	1258	9.17	2.92	-19.73	-17.13	0.32	-7.21	545.19	-16.49	545.04	-16.34	-9.04
		1259	15.08	4.34	-18.31	-17.53	3.56	-4.13	916.37	-55.88	906.11	-45.62	-99.35
		1196	14.08	0.94	-38.34	-38.26	0.86	-1.76	805.19	-16.20	795.89	-6.90	-86.92
		1178	9.56	0.32	-35.03	-34.76	0.05	-3.07	519.90	-11.72	513.03	-4.85	-60.02
997	61	1258	8.76	1.76	-18.88	-17.20	0.07	-5.65	517.64	-15.49	517.63	-15.48	-2.34
		1259	14.65	3.64	-18.15	-17.69	3.18	-3.13	887.85	-53.99	878.72	-44.86	-92.29
		1196	13.64	0.22	-37.85	-37.82	0.19	-1.05	778.46	-13.94	770.38	-5.85	-79.64
		1178	9.14	0.13	-34.35	-34.25	0.03	-1.85	493.22	-9.79	487.53	-4.10	-53.18
997	93	1258	8.72	1.68	-18.83	-17.21	0.06	-5.54	515.61	-15.42	515.60	-15.42	-1.86
		1259	14.62	3.60	-18.15	-17.71	3.16	-3.06	885.74	-53.86	876.69	-44.81	-91.79
		1196	13.61	0.17	-37.83	-37.80	0.14	-1.00	776.49	-13.77	768.49	-5.77	-79.12
		1178	9.11	0.12	-34.32	-34.23	0.03	-1.76	491.25	-9.66	485.64	-4.05	-52.70
998	21	1259	15.55	5.04	-20.19	-19.37	4.21	-4.49	936.68	-64.77	924.24	-52.34	-110.91
		1260	19.21	7.23	-19.80	-19.51	6.94	2.79	1152.14	-97.28	1083.75	-28.89	-284.20
		1179	16.02	0.84	-38.52	-38.51	0.83	-0.59	928.70	-25.55	911.99	-8.83	-125.19
		1196	14.16	0.30	-40.55	-40.44	0.18	-2.19	804.90	-15.17	795.43	-5.71	-87.60
998	53	1259	15.11	4.29	-19.07	-18.60	3.83	-3.27	910.02	-62.56	898.93	-51.47	-103.28
		1260	18.77	6.83	-19.38	-18.84	6.29	3.74	1124.44	-94.93	1058.21	-28.69	-276.36
		1179	15.54	0.03	-37.19	-37.18	0.03	0.15	903.04	-23.18	887.83	-7.97	-117.75
		1196	13.70	-0.17	-39.06	-39.02	-0.21	-1.25	779.76	-12.97	771.52	-4.73	-80.40
998	85	1259	15.08	4.24	-18.99	-18.55	3.80	-3.18	908.04	-62.41	897.04	-51.41	-102.73
		1260	18.73	6.81	-19.36	-18.79	6.24	3.81	1122.39	-94.76	1056.31	-28.68	-275.80
		1179	15.51	-0.02	-37.11	-37.11	-0.02	0.20	901.14	-23.02	886.03	-7.91	-117.21
		1196	13.67	-0.20	-38.97	-38.94	-0.24	-1.18	777.90	-12.82	769.74	-4.66	-79.88
999	29	1260	19.83	7.55	-20.52	-19.91	6.93	4.12	1183.83	-105.23	1134.06	-55.46	-248.37
		1261	18.85	10.66	-22.21	-15.43	3.87	13.31	1094.78	-125.74	913.03	56.01	-434.51
		1181	14.88	0.19	-28.83	-28.79	0.15	1.08	884.30	-25.29	861.64	-2.62	-141.79
		1179	16.19	0.06	-39.21	-39.21	0.05	-0.41	938.08	-25.40	927.15	-14.47	-102.02
999	61	1260	19.33	7.21	-19.43	-18.80	6.58	4.04	1157.05	-101.55	1109.09	-53.59	-240.96
		1261	18.38	10.64	-21.31	-14.30	3.64	13.22	1067.23	-125.58	887.81	53.84	-426.40
		1181	14.44	-0.22	-27.73	-27.67	-0.27	1.23	859.50	-25.23	838.71	-4.45	-134.01
		1179	15.75	-0.34	-38.12	-38.11	-0.34	-0.46	914.17	-22.49	904.45	-12.78	-94.89
999	93	1260	19.30	7.19	-19.35	-18.73	6.56	4.03	1155.07	-101.29	1107.24	-53.46	-240.42
		1261	18.35	10.64	-21.25	-14.22	3.62	13.22	1065.19	-125.57	885.94	53.69	-425.81
		1181	14.41	-0.25	-27.66	-27.61	-0.30	1.24	857.66	-25.23	837.00	-4.58	-133.44
		1179	15.72	-0.36	-38.05	-38.04	-0.37	-0.46	912.39	-22.29	902.76	-12.66	-94.38
1000	21	1261	18.50	12.45	-23.32	-14.76	3.89	15.26	1071.47	-116.11	887.56	67.80	-429.63
		1262	13.02	8.21	-20.74	-8.36	-4.16	14.32	733.23	-92.09	428.34	212.81	-398.34
		1182	8.16	0.45	-9.64	-9.26	0.07	1.92	496.31	-28.67	469.97	-2.33	-114.61
		1181	14.38	0.67	-27.73	-27.61	0.55	1.84	846.73	-38.36	823.22	-14.85	-142.33
1000	53	1261	18.09	11.72	-22.05	-13.72	3.40	14.55	1052.38	-111.46	872.22	68.69	-420.97
		1262	12.65	8.17	-19.25	-7.18	-3.90	13.61	712.99	-93.30	412.07	207.63	-389.97
		1182	7.84	0.58	-8.29	-8.03	0.32	1.50	477.42	-31.72	453.35	-7.64	-108.06
		1181	14.03	0.12	-26.59	-26.51	0.04	1.42	829.30	-35.61	807.54	-13.84	-135.47
1000	85	1261	18.06	11.67	-21.96	-13.65	3.36	14.50	1050.96	-111.13	871.08	68.75	-420.33
		1262	12.62	8.17	-19.14	-7.09	-3.88	13.56	711.50	-93.39	410.86	207.25	-389.36
		1182	7.82	0.59	-8.20	-7.95	0.33	1.47	476.02	-31.94	452.11	-8.03	-107.58
		1181	14.00	0.08	-26.51	-26.44	4.59e-03	1.39	828.01	-35.41	806.37	-13.77	-134.96
1001	21	1262	13.25	7.57	-19.23	-6.29	-5.37	13.40	733.39	-127.89	380.14	225.36	-423.63
		1197	6.72	0.02	-6.96	-0.36	-6.59	1.58	383.24	-74.98	-11.45	319.71	-158.34
		1180	0.22	1.39	0.62	0.99	1.02	-0.39	10.09	-3.24	-1.99	8.84	-3.89
1001	53	1182	7.45	0.37	-6.38	-6.15	0.14	1.21	449.58	-46.87	415.76	-13.05	-125.08
		1262	13.05	7.45	-18.69	-5.99	-5.25	13.06	725.21	-122.23	375.97	227.01	-417.12

		1197	6.56	0.25	-6.47	0.02	-6.24	1.22	373.12	-76.20	-16.32	313.24	-152.71
		1180	0.19	1.97	0.67	1.30	1.34	-0.65	1.92	-8.79	-8.78	1.91	0.32
		1182	7.27	0.37	-6.06	-5.90	0.21	0.99	441.50	-43.00	409.70	-11.20	-119.99
1001	85	1262	13.03	7.44	-18.65	-5.97	-5.25	13.04	724.60	-121.82	375.66	227.12	-416.65
		1197	6.54	0.27	-6.44	0.05	-6.22	1.19	372.38	-76.30	-16.68	312.77	-152.30
		1180	0.20	2.01	0.67	1.32	1.36	-0.67	1.44	-9.32	-9.28	1.41	0.63
		1182	7.26	0.37	-6.04	-5.88	0.21	0.98	440.90	-42.73	409.25	-11.07	-119.62
1002	27	1307	11.93	-3.25	-18.59	-3.34	-18.50	1.16	738.61	-87.05	342.85	308.72	412.48
		1285	16.55	28.31	-45.11	14.06	-30.85	29.04	1205.09	316.29	446.37	1075.01	314.15
		30	31.83	56.17	-72.36	-65.43	49.24	-29.05	1858.25	-232.28	624.68	1001.30	1028.16
		1284	10.99	-56.57	-143.05	-92.65	-106.97	42.64	161.03	-423.37	157.49	-419.83	-45.36
1002	39	1307	11.59	-1.23	-15.42	-1.23	-15.42	0.14	731.75	-57.93	370.01	303.80	393.45
		1285	15.70	31.86	-45.30	16.01	-29.45	31.17	1133.79	351.14	486.07	998.86	295.63
		30	30.61	57.83	-66.33	-59.76	51.26	-27.81	1794.44	-195.38	670.20	928.86	986.47
		1284	10.90	-53.09	-136.38	-86.51	-102.96	40.82	203.94	-434.03	191.92	-422.02	-86.73
1002	71	1307	11.57	-1.28	-14.90	-1.28	-14.90	-0.02	730.89	-56.27	371.22	303.40	392.12
		1285	15.65	31.86	-44.81	15.95	-28.90	31.09	1129.06	352.15	487.40	993.81	294.60
		30	30.52	58.38	-65.68	-59.18	51.88	-27.65	1790.07	-193.86	672.01	924.20	983.92
		1284	10.89	-52.60	-135.69	-85.94	-102.36	40.72	206.75	-434.72	193.98	-421.96	-89.59
1003	7	1308	5.81	-13.36	-44.84	-16.57	-41.63	-9.53	258.36	-34.85	87.52	135.98	144.59
		1307	12.23	93.77	-35.28	64.43	-5.95	-54.08	513.14	-11.15	231.75	270.24	261.44
		1284	14.05	-54.07	-149.67	-119.47	-84.28	-44.44	507.42	-29.80	389.59	88.03	222.30
		1283	3.90	44.25	5.66	5.70	44.21	1.24	147.32	-33.26	137.56	-23.50	40.83
1003	39	1308	5.57	-15.19	-45.54	-18.93	-41.80	-9.98	246.38	-22.13	94.77	129.49	133.13
		1307	11.42	91.03	-28.80	62.94	-0.71	-50.76	496.57	5.13	238.57	263.13	245.41
		1284	13.22	-53.14	-139.93	-114.81	-78.27	-39.36	482.63	-26.43	377.04	79.16	206.40
		1283	3.67	45.40	9.02	9.38	45.04	3.60	130.18	-37.24	124.82	-31.88	29.47
1003	71	1308	5.55	-15.32	-45.60	-19.11	-41.81	-10.01	245.47	-21.20	95.27	129.00	132.27
		1307	11.36	90.82	-28.31	62.82	-0.31	-50.51	495.31	6.33	239.05	262.59	244.20
		1284	13.15	-53.07	-139.19	-114.45	-77.81	-38.97	480.79	-26.18	376.12	78.49	205.21
		1283	3.66	45.51	9.26	9.66	45.11	3.78	128.97	-37.58	123.89	-32.51	28.62
1004	27	1306	1.94	-1.31	-3.87	-1.31	-3.87	-7.09e-03	114.38	-11.33	3.06	99.99	40.03
		1308	4.28	5.43	-9.50	-2.51	-1.56	-7.45	231.73	-22.84	85.96	122.93	125.94
		1283	2.98	-5.30	-11.68	-6.13	-10.84	-2.15	175.42	-14.18	140.87	20.37	73.20
		1273	0.50	7.05	2.93	3.19	6.79	1.02	14.96	4.13	7.11	11.98	4.83
1004	59	1306	1.82	-1.10	-4.18	-1.12	-4.16	-0.22	105.22	-9.89	1.69	93.63	34.63
		1308	4.09	6.39	-9.45	-2.03	-1.03	-7.91	219.43	-19.06	84.39	115.97	118.20
		1283	2.81	-5.33	-11.59	-6.46	-10.47	-2.40	162.46	-16.00	133.99	12.47	65.34
		1273	0.35	6.75	2.34	2.75	6.34	1.28	4.82	0.37	0.46	4.74	-0.62
1004	91	1306	1.81	-1.08	-4.20	-1.10	-4.18	-0.24	104.56	-9.79	1.60	93.17	34.24
		1308	4.08	6.46	-9.45	-2.00	-0.99	-7.94	218.53	-18.79	84.28	115.47	117.63
		1283	2.80	-5.33	-11.59	-6.48	-10.44	-2.42	161.53	-16.14	133.49	11.89	64.77
		1273	0.34	6.73	2.30	2.72	6.31	1.30	4.44	-0.25	-0.02	4.21	-1.02
1005	27	1309	7.54	54.03	-43.17	53.11	-42.25	9.40	404.79	213.79	233.07	385.51	57.54
		1271	11.06	45.25	-52.20	10.84	-17.80	46.58	701.21	543.33	619.66	624.88	78.90
		1285	17.07	47.98	9.58	26.82	30.74	19.10	1150.44	504.60	686.13	968.91	290.32
		1307	9.82	-7.15	-134.03	-31.66	-109.51	50.10	474.75	11.89	144.94	341.70	209.48
1005	59	1309	6.81	53.05	-36.40	52.29	-35.64	8.24	367.08	202.90	216.51	353.47	45.27
		1271	10.59	46.50	-50.72	9.44	-13.66	47.22	657.20	509.90	594.34	572.77	72.86
		1285	16.58	49.54	13.31	27.51	35.34	17.69	1109.43	521.64	711.92	919.15	275.02
		1307	9.20	-6.71	-126.34	-30.75	-102.31	47.93	444.47	36.32	168.71	312.08	191.07
1005	91	1309	6.75	52.98	-35.89	52.22	-35.14	8.15	364.34	202.12	215.33	351.12	44.38
		1271	10.56	46.59	-50.61	9.33	-13.36	47.26	654.12	507.36	592.53	568.96	72.43
		1285	16.55	49.67	13.57	27.56	35.68	17.59	1106.52	522.72	713.73	915.52	273.91
		1307	9.16	-6.68	-125.76	-30.68	-101.77	47.77	442.29	38.00	170.38	309.91	189.72
1006	7	1310	4.20	11.00	-18.83	11.00	-18.83	-0.09	209.88	4.07	23.82	190.13	60.62
		1309	7.10	16.39	-49.39	13.79	-46.80	12.80	384.93	156.84	174.25	367.52	60.56
		1307	11.80	40.00	-92.07	38.48	-90.55	-14.12	557.05	88.64	262.72	382.97	226.35
		1308	4.43	14.75	-14.63	0.36	-0.25	-14.69	217.87	-8.69	59.46	149.71	103.90
1006	39	1310	3.69	9.55	-16.75	9.54	-16.73	-0.66	187.94	13.20	29.98	171.16	51.47
		1309	6.17	16.30	-39.97	13.62	-37.29	11.97	350.94	166.17	179.97	337.14	48.58
		1307	10.72	39.07	-82.73	37.89	-81.54	-11.96	524.08	93.35	265.39	352.04	210.96
		1308	3.82	12.32	-12.70	-1.80	1.41	-12.41	193.64	-1.62	61.84	130.18	91.46
1006	71	1310	3.65	9.45	-16.59	9.43	-16.57	-0.71	186.29	13.86	30.42	169.74	50.80
		1309	6.10	16.30	-39.25	13.61	-36.57	11.91	348.38	166.84	180.37	334.85	47.68
		1307	10.64	39.00	-82.02	37.84	-80.86	-11.79	521.63	93.66	265.58	349.71	209.81
		1308	3.77	12.15	-12.57	-1.96	1.53	-12.23	191.83	-1.12	62.00	128.71	90.52
1007	27	1282	2.50	-0.98	-4.12	-1.20	-3.90	-0.80	147.59	-13.80	-3.49	137.28	39.48
		1310	3.75	6.35	-14.18	6.35	-14.17	0.25	205.53	10.57	30.33	185.78	58.83
		1308	4.84	3.67	-21.76	-1.79	-16.30	-10.45	247.59	4.41	82.12	169.88	113.40
		1306	2.25	2.21	-0.38	-0.35	2.18	-0.29	138.95	-8.38	0.65	129.91	35.35
1007	59	1282	2.21	-1.17	-5.18	-1.58	-4.77	-1.21	126.92	-9.96	-1.79	118.75	32.43
		1310	3.30	6.53	-12.48	6.52	-12.46	0.49	183.18	15.63	32.10	166.72	49.87
		1308	4.42	4.18	-19.85	-1.08	-14.59	-9.94	224.46	3.62	78.03	150.05	104.38
		1306	1.89	1.26	-0.15	-0.14	1.26	0.06	117.32	-8.56	-1.86	110.61	28.27
1007	91	1282	2.19	-1.18	-5.25	-1.61	-4.83	-1.24	125.42	-9.69	-1.67	117.40	31.92
		1310	3.26	6.54	-12.35	6.53	-12.33	0.51	181.55	16.00	32.22	165.32	49.22

		1308	4.38	4.22	-19.70	-1.02	-14.46	-9.90	222.78	3.56	77.73	148.60	103.72
		1306	1.86	1.19	-0.13	-0.13	1.19	0.09	115.74	-8.58	-2.04	109.20	27.75
1008	29	1311	3.74	31.32	-26.55	22.76	-17.99	20.54	200.20	156.68	191.34	165.53	-17.52
		1286	6.87	39.41	-20.84	22.21	-3.65	27.21	399.58	236.64	391.70	244.51	34.94
		1271	11.03	51.00	-21.07	27.40	2.53	33.82	679.69	485.45	606.28	558.86	94.18
		1309	6.16	27.04	-44.01	21.64	-38.61	18.83	351.98	211.80	227.99	335.78	44.82
1008	61	1311	3.64	32.06	-26.25	22.41	-16.60	21.66	189.60	131.77	175.29	146.08	-24.95
		1286	6.62	40.29	-21.92	21.69	-3.32	28.48	379.68	217.95	374.87	222.76	27.48
		1271	10.62	50.30	-20.57	26.80	2.93	33.36	650.07	471.64	584.74	536.97	85.96
		1309	5.89	26.58	-42.47	21.26	-37.15	18.42	327.55	195.89	207.19	316.25	36.88
1008	93	1311	3.63	32.11	-26.23	22.39	-16.50	21.74	188.85	129.99	174.14	144.69	-25.48
		1286	6.61	40.35	-22.00	21.65	-3.30	28.57	378.29	216.59	373.67	221.21	26.94
		1271	10.59	50.25	-20.54	26.76	2.95	33.33	647.96	470.66	583.21	535.41	85.37
		1309	5.87	26.55	-42.36	21.23	-37.04	18.39	325.83	194.73	205.71	314.85	36.32
1009	7	1312	2.73	15.98	-17.17	10.91	-12.10	11.93	109.50	15.45	16.64	108.31	-10.52
		1311	4.72	28.87	-37.55	18.95	-27.63	23.67	207.10	134.13	148.32	192.92	-28.88
		1309	6.96	28.69	-46.27	26.19	-43.76	13.46	368.06	181.66	189.27	360.44	36.89
		1310	4.12	8.23	-17.34	8.21	-17.33	-0.63	212.18	8.94	21.53	199.59	48.99
1009	39	1312	2.12	14.67	-14.48	9.62	-9.43	11.03	81.15	19.93	21.19	79.89	-8.71
		1311	4.00	28.98	-30.99	18.56	-20.57	22.72	181.48	126.20	149.69	157.98	-27.33
		1309	6.09	28.14	-39.48	25.63	-36.96	12.79	337.15	183.62	194.52	326.25	39.43
		1310	3.50	6.85	-14.95	6.77	-14.88	-1.28	182.92	15.82	26.85	171.89	41.49
1009	71	1312	2.07	14.57	-14.28	9.52	-9.22	10.97	79.03	20.23	21.51	77.75	-8.57
		1311	3.95	29.00	-30.49	18.53	-20.03	22.65	179.92	125.21	149.79	155.34	-27.21
		1309	6.03	28.10	-38.96	25.58	-36.45	12.74	334.89	183.67	194.88	323.67	39.63
		1310	3.45	6.74	-14.77	6.66	-14.69	-1.33	180.72	16.30	27.22	169.81	40.94
1010	7	1305	1.12	2.56	-0.69	0.19	1.69	1.44	64.65	-4.94	-3.47	63.18	10.01
		1312	2.36	12.53	-15.99	6.34	-9.79	11.76	104.81	22.99	23.55	104.24	-6.76
		1310	3.86	6.01	-15.33	5.88	-15.20	1.66	217.11	20.48	36.63	200.96	53.98
		1282	2.47	0.52	-1.29	0.50	-1.27	-0.20	154.29	-10.16	-3.64	147.78	32.08
1010	39	1305	0.70	0.60	-0.98	-0.44	0.06	0.74	40.79	-5.17	-1.94	37.56	11.76
		1312	1.83	12.75	-13.27	6.59	-7.11	11.06	76.41	24.45	24.89	75.96	-4.81
		1310	3.30	5.76	-12.77	5.69	-12.70	1.13	187.77	22.18	37.30	172.65	47.69
		1282	2.16	-6.71e-03	-3.73	-0.15	-3.60	-0.71	127.39	-8.18	-2.90	122.12	26.22
1010	71	1305	0.67	0.45	-1.00	-0.49	-0.06	0.69	39.09	-5.28	-1.83	35.64	11.89
		1312	1.79	12.77	-13.07	6.61	-6.90	11.01	74.27	24.55	24.99	73.83	-4.66
		1310	3.26	5.74	-12.57	5.67	-12.51	1.09	185.57	22.30	37.34	170.52	47.23
		1282	2.14	-0.05	-3.92	-0.19	-3.77	-0.75	125.38	-8.04	-2.85	120.19	25.79
1011	19	1313	3.72	33.67	-32.31	14.82	-13.46	29.81	138.51	-29.18	129.57	-20.23	-37.68
		1270	5.29	33.25	-34.16	16.33	-17.24	29.23	228.13	13.13	228.09	13.16	2.60
		1286	6.88	41.23	-28.14	23.55	-10.46	30.23	389.31	248.50	382.85	254.95	29.44
		1311	4.06	30.93	-31.75	21.31	-22.12	22.60	197.64	153.91	180.44	171.11	-21.36
1011	51	1313	3.78	33.34	-29.21	14.18	-10.05	28.83	129.86	-56.16	119.98	-46.28	-41.71
		1270	5.15	32.98	-30.23	15.79	-13.04	28.13	218.17	-13.35	218.16	-13.35	-0.98
		1286	6.63	40.95	-24.68	22.65	-6.38	29.43	374.83	223.86	370.24	228.45	25.92
		1311	3.78	30.92	-29.45	20.28	-18.81	23.00	184.40	128.88	168.17	145.10	-25.25
1011	83	1313	3.78	33.32	-28.98	14.13	-9.80	28.76	129.24	-58.12	119.30	-48.18	-41.99
		1270	5.14	32.97	-29.94	15.75	-12.73	28.05	217.46	-15.29	217.46	-15.29	-1.23
		1286	6.61	40.94	-24.43	22.58	-6.07	29.38	373.82	222.04	369.34	226.52	25.67
		1311	3.76	30.92	-29.28	20.20	-18.57	23.03	183.48	127.03	167.31	143.21	-25.52
1012	26	1314	3.76	25.24	-12.16	5.14	7.94	18.65	24.12	-163.42	16.12	-155.42	-37.90
		1313	4.53	35.53	-22.25	12.74	0.54	28.24	109.47	-138.94	97.95	-127.41	-52.25
		1311	3.10	31.30	-21.12	17.97	-7.78	22.83	156.21	51.52	145.14	62.59	-32.19
		1312	1.41	12.61	-11.27	5.66	-4.31	10.85	28.73	-16.23	19.61	-7.12	-18.08
1012	58	1314	3.25	24.06	-12.59	5.74	5.73	18.33	26.50	-131.91	19.72	-125.13	-32.06
		1313	4.09	33.93	-24.21	12.94	-3.22	27.92	112.23	-106.29	101.78	-95.85	-46.63
		1311	3.15	30.51	-23.31	18.58	-11.39	22.35	159.43	83.07	148.62	93.88	-26.61
		1312	1.36	12.60	-11.39	6.62	-5.41	10.38	35.17	10.58	22.84	22.91	-12.29
1012	90	1314	3.21	23.98	-12.63	5.79	5.57	18.31	26.67	-129.63	19.97	-122.93	-31.66
		1313	4.06	33.82	-24.36	12.96	-3.50	27.90	112.44	-103.93	102.06	-93.55	-46.24
		1311	3.16	30.46	-23.49	18.63	-11.66	22.32	159.69	85.33	148.87	96.16	-26.22
		1312	1.37	12.61	-11.41	6.69	-5.48	10.35	36.02	12.15	23.07	25.09	-11.89
1013	26	1281	3.43	14.68	-1.17	-0.93	14.44	1.94	-1.70	-179.12	-2.15	-178.66	-9.00
		1314	3.76	26.37	-11.32	5.94	9.11	18.78	25.65	-163.10	19.57	-157.02	-33.33
		1312	1.24	14.54	-9.93	6.91	-2.30	11.33	28.96	-12.42	26.48	-9.94	-9.81
		1305	0.74	0.34	-1.64	-1.56	0.26	0.39	1.41	-44.50	1.40	-44.50	-0.19
1013	58	1281	2.94	13.89	-0.85	-0.62	13.66	1.82	-0.79	-148.94	-0.89	-148.84	-3.86
		1314	3.26	24.96	-12.32	5.76	6.88	18.63	26.18	-131.92	21.03	-126.76	-28.09
		1312	1.17	13.88	-10.46	6.76	-3.34	11.07	29.63	17.86	27.24	20.25	-4.74
		1305	0.26	-0.44	-1.18	-1.14	-0.48	0.17	1.38	-16.16	-0.07	-14.71	4.84
1013	90	1281	2.90	13.84	-0.83	-0.60	13.61	1.81	-0.72	-146.76	-0.80	-146.68	-3.50
		1314	3.22	24.87	-12.40	5.75	6.72	18.63	26.23	-129.67	21.13	-124.57	-27.72
		1312	1.17	13.83	-10.50	6.75	-3.42	11.06	29.88	19.86	27.29	22.44	-4.38
		1305	0.24	-0.49	-1.14	-1.11	-0.53	0.15	1.71	-14.44	-0.18	-12.55	5.19
1014	8	1315	5.24	33.72	-35.09	9.76	-11.13	32.79	85.04	-221.97	74.18	-211.10	-56.72
		1287	6.22	24.85	-46.69	9.55	-31.39	29.33	125.85	-194.86	123.02	-192.03	-30.02
		1270	5.26	30.69	-38.49	15.68	-23.48	28.51	218.36	-6.74	217.62	-5.99	-12.94

		1313	4.02	32.85	-32.82	14.96	-14.94	29.23	132.86	-58.52	116.89	-42.54	-52.93
1014	40	1315	5.32	34.08	-31.47	9.30	-6.69	31.79	79.98	-234.09	71.20	-225.31	-51.77
		1287	6.07	25.84	-39.90	9.87	-23.93	28.19	121.88	-208.82	119.96	-206.89	-25.16
		1270	5.15	31.61	-32.42	15.45	-16.26	27.81	214.51	-21.23	214.23	-20.95	-8.12
		1313	3.91	32.85	-29.44	14.15	-10.74	28.55	126.19	-69.47	113.58	-56.85	-48.05
1014	72	1315	5.33	34.12	-31.20	9.27	-6.35	31.71	79.62	-235.07	70.98	-226.43	-51.42
		1287	6.06	25.92	-39.38	9.89	-23.35	28.11	121.61	-209.92	119.74	-208.05	-24.82
		1270	5.14	31.70	-31.96	15.44	-15.70	27.77	214.24	-22.37	213.99	-22.12	-7.78
		1313	3.90	32.86	-29.19	14.09	-10.41	28.51	125.73	-70.36	113.34	-57.97	-47.71
1015	26	1316	6.29	32.89	-11.08	3.96	17.85	20.86	17.78	-316.79	11.50	-310.51	-45.41
		1315	6.29	35.35	-22.65	8.67	4.03	28.91	68.17	-304.34	59.58	-295.75	-55.92
		1313	4.50	35.12	-23.17	12.45	-0.50	28.41	110.74	-138.25	100.04	-127.55	-50.50
		1314	3.77	24.30	-13.15	4.81	6.34	18.71	26.05	-167.10	18.29	-159.34	-37.94
1015	58	1316	5.81	33.26	-12.21	4.36	16.69	21.89	19.38	-284.62	14.19	-279.44	-39.36
		1315	5.79	34.98	-25.61	8.75	0.63	30.02	69.88	-272.15	62.36	-264.63	-50.16
		1313	4.05	33.72	-24.67	12.83	-3.77	27.99	112.13	-106.22	102.51	-96.60	-44.82
		1314	3.27	23.65	-12.99	5.51	5.15	18.32	27.23	-134.99	20.66	-128.42	-31.97
1015	90	1316	5.78	33.29	-12.29	4.39	16.61	21.96	19.50	-282.31	14.39	-277.20	-38.94
		1315	5.75	34.96	-25.83	8.75	0.38	30.10	70.00	-269.83	62.55	-262.38	-49.77
		1313	4.02	33.63	-24.79	12.85	-4.02	27.96	112.24	-103.91	102.68	-94.36	-44.42
		1314	3.23	23.61	-12.98	5.56	5.07	18.29	27.32	-132.68	20.83	-126.19	-31.56
1016	26	1304	6.73	36.03	-0.54	-0.42	35.91	2.10	-0.18	-327.86	-1.51	-326.53	-20.80
		1316	6.29	34.19	-11.19	4.88	18.12	21.71	18.34	-316.51	12.96	-311.13	-42.09
		1314	3.71	25.29	-12.57	5.46	7.27	18.91	26.19	-165.94	21.15	-160.90	-30.72
		1281	3.59	15.68	-1.40	-1.07	15.34	2.38	-0.58	-185.10	-1.62	-184.06	-13.82
1016	58	1304	6.21	35.14	-0.40	-0.18	34.91	2.83	0.68	-295.95	-0.10	-295.17	-15.21
		1316	5.82	34.19	-12.49	4.67	17.03	22.51	18.88	-284.50	14.41	-280.03	-36.56
		1314	3.22	24.54	-12.90	5.51	6.12	18.72	26.05	-133.95	21.93	-129.83	-25.35
		1281	3.05	14.64	-0.91	-0.65	14.38	2.00	-0.30	-153.18	-0.76	-152.72	-8.37
1016	90	1304	6.17	35.09	-0.40	-0.16	34.85	2.89	0.74	-293.66	-5.46e-03	-292.92	-14.82
		1316	5.78	34.19	-12.58	4.65	16.95	22.56	18.92	-282.19	14.51	-277.78	-36.17
		1314	3.19	24.49	-12.93	5.52	6.04	18.71	26.04	-131.65	21.98	-127.59	-24.98
		1281	3.01	14.57	-0.88	-0.62	14.31	1.97	-0.28	-150.90	-0.70	-150.47	-7.99
1017	8	1317	6.78	34.45	-35.53	6.88	-7.96	34.19	50.51	-364.10	42.12	-355.71	-58.39
		1269	7.99	20.25	-54.08	5.95	-39.78	29.30	73.03	-346.34	68.59	-341.91	-42.90
		1287	6.13	24.04	-46.10	9.55	-31.61	28.40	110.61	-202.57	107.58	-199.55	-30.61
		1315	5.20	33.69	-33.71	10.03	-10.04	32.17	68.80	-230.58	57.63	-219.41	-56.74
1017	40	1317	6.91	35.16	-32.24	6.60	-3.68	33.31	46.30	-372.59	39.40	-365.69	-53.33
		1269	7.77	21.44	-47.10	6.46	-32.12	28.32	69.23	-355.87	65.80	-352.43	-38.04
		1287	6.04	25.39	-39.71	9.86	-24.19	27.75	115.75	-212.15	113.70	-210.10	-25.80
		1315	5.31	34.15	-30.65	9.49	-5.99	31.46	72.43	-238.29	63.56	-229.42	-51.74
1017	72	1317	6.93	35.23	-31.99	6.58	-3.35	33.24	46.01	-373.28	39.21	-366.48	-52.97
		1269	7.75	21.54	-46.57	6.50	-31.53	28.25	68.96	-356.63	65.60	-353.27	-37.69
		1287	6.03	25.50	-39.24	9.88	-23.61	27.70	116.12	-212.92	114.13	-210.94	-25.46
		1315	5.32	34.19	-30.42	9.45	-5.67	31.41	72.69	-238.93	63.98	-230.22	-51.39
1018	26	1318	8.77	44.08	-10.10	3.34	30.64	23.41	9.95	-447.75	4.53	-442.33	-49.51
		1317	8.03	37.35	-24.10	6.76	6.50	30.72	38.12	-439.23	30.99	-432.11	-57.88
		1315	6.41	37.79	-25.66	8.64	3.49	31.62	69.75	-303.96	61.43	-295.63	-55.16
		1316	6.45	35.47	-13.32	3.81	18.34	23.29	19.48	-318.14	13.14	-311.80	-45.85
1018	58	1318	8.26	44.15	-11.10	3.65	29.40	24.44	11.11	-415.47	6.67	-411.04	-43.29
		1317	7.49	36.77	-26.96	6.55	3.27	31.83	39.32	-407.14	33.18	-401.00	-52.00
		1315	5.84	36.09	-26.95	8.77	0.37	31.24	70.42	-271.92	63.16	-264.65	-49.33
		1316	5.90	34.51	-13.13	4.31	17.07	22.95	20.03	-285.86	14.80	-280.63	-39.67
1018	90	1318	8.22	44.15	-11.18	3.67	29.31	24.52	11.19	-413.16	6.82	-408.79	-42.86
		1317	7.45	36.73	-27.17	6.53	3.03	31.90	39.41	-404.84	33.33	-398.76	-51.59
		1315	5.80	35.97	-27.05	8.78	0.14	31.21	70.47	-269.62	63.28	-262.43	-48.93
		1316	5.86	34.45	-13.11	4.35	16.98	22.93	20.08	-283.55	14.92	-278.39	-39.24
1019	26	1280	9.88	60.29	-0.37	-0.15	60.06	3.67	0.99	-456.78	-1.13	-454.66	-31.09
		1318	8.76	44.91	-9.97	4.34	30.60	24.10	10.21	-447.68	5.27	-442.74	-47.31
		1316	6.40	36.44	-13.07	4.79	18.57	23.78	18.85	-317.25	14.08	-312.48	-39.75
		1304	6.84	36.99	-1.07	-0.64	36.56	4.02	1.36	-330.55	-0.65	-328.54	-25.75
1019	58	1280	9.35	59.28	-0.24	0.09	58.95	4.46	1.81	-424.38	0.33	-422.90	-25.12
		1318	8.25	44.73	-11.23	4.09	29.42	24.95	10.82	-415.49	6.74	-411.41	-41.53
		1316	5.86	35.26	-13.28	4.64	17.33	23.43	18.75	-285.06	14.88	-281.19	-34.09
		1304	6.29	35.84	-0.62	-0.24	35.47	3.69	1.55	-298.13	0.23	-296.81	-19.86
1019	90	1280	9.31	59.22	-0.23	0.11	58.88	4.52	1.88	-422.06	0.43	-420.62	-24.70
		1318	8.22	44.72	-11.32	4.07	29.33	25.01	10.87	-413.19	6.84	-409.16	-41.13
		1316	5.82	35.18	-13.30	4.63	17.25	23.40	18.75	-282.76	14.93	-278.94	-33.70
		1304	6.25	35.77	-0.59	-0.21	35.40	3.67	1.57	-295.81	0.29	-294.54	-19.45
1020	28	1319	9.08	36.77	-28.52	4.96	3.28	32.64	16.07	-526.72	8.25	-518.89	-64.70
		1288	9.64	18.78	-47.20	5.05	-33.47	26.78	30.53	-513.01	24.64	-507.12	-56.26
		1269	8.04	22.47	-41.82	6.37	-25.71	27.85	60.34	-406.44	55.54	-401.64	-47.08
		1317	7.78	36.74	-29.13	6.29	1.32	32.84	37.42	-424.57	28.75	-415.89	-62.73
1020	60	1319	8.73	37.07	-29.07	5.05	2.95	33.05	19.35	-502.84	12.99	-496.48	-57.29
		1288	9.38	19.18	-47.42	5.08	-33.33	27.20	34.28	-490.02	29.57	-485.32	-49.45
		1269	7.79	22.53	-41.45	6.67	-25.58	27.63	64.11	-383.62	60.45	-379.96	-40.32
		1317	7.40	36.43	-29.08	6.40	0.95	32.65	40.50	-400.66	33.44	-393.59	-55.37

1020	92	1319	8.70	37.09	-29.10	5.06	2.93	33.08	19.58	-501.17	13.31	-494.90	-56.78
		1288	9.36	19.21	-47.43	5.08	-33.31	27.23	34.54	-488.41	29.92	-483.78	-48.97
		1269	7.77	22.54	-41.42	6.69	-25.57	27.62	64.37	-382.02	60.79	-378.43	-39.85
		1317	7.37	36.42	-29.08	6.41	0.93	32.63	40.72	-398.98	33.77	-392.02	-54.86
1021	26	1320	10.84	55.69	-8.70	3.10	43.89	24.91	3.28	-547.82	-1.94	-542.61	-53.36
		1319	9.44	38.95	-24.52	5.65	8.78	31.69	18.63	-540.74	12.05	-534.16	-60.33
		1317	8.16	40.04	-27.42	6.41	6.20	33.73	39.62	-438.07	32.63	-431.08	-57.38
		1318	8.90	46.87	-12.54	3.23	31.10	26.24	11.48	-447.38	5.92	-441.82	-50.20
1021	58	1320	10.32	55.48	-9.54	3.36	42.58	25.93	4.29	-515.99	5.09e-03	-511.71	-47.05
		1319	8.89	38.29	-27.25	5.40	5.64	32.77	19.71	-509.11	14.05	-503.45	-54.43
		1317	7.55	38.03	-28.43	6.43	3.17	33.19	40.00	-406.51	33.98	-400.50	-51.47
		1318	8.33	45.53	-12.14	3.63	29.76	25.71	11.76	-415.60	7.20	-411.04	-43.87
1021	90	1320	10.28	55.47	-9.60	3.38	42.49	26.01	4.37	-513.72	0.14	-509.49	-46.61
		1319	8.85	38.24	-27.45	5.38	5.41	32.84	19.79	-506.85	14.18	-501.25	-54.03
		1317	7.50	37.88	-28.51	6.43	2.94	33.15	40.03	-404.25	34.08	-398.30	-51.06
		1318	8.29	45.44	-12.11	3.66	29.67	25.67	11.78	-413.32	7.29	-408.84	-43.43
1022	26	1303	12.20	76.89	-0.36	2.16e-03	76.53	5.29	1.67	-555.41	-1.22	-552.51	-40.08
		1320	10.83	56.25	-8.32	4.15	43.78	25.49	3.71	-548.03	-1.30	-543.02	-52.32
		1318	8.83	47.12	-11.86	4.24	31.03	26.27	10.92	-446.75	6.42	-442.25	-45.16
		1280	9.52	52.42	-0.99	-0.38	51.80	5.71	2.79	-457.25	-0.06	-454.40	-36.09
1022	58	1303	11.90	80.50	-0.20	0.27	80.04	6.11	2.49	-523.36	0.30	-521.17	-33.83
		1320	10.32	55.88	-9.50	3.87	42.51	26.37	4.41	-516.29	0.24	-512.12	-46.41
		1318	8.28	45.82	-12.04	4.07	29.71	25.93	10.86	-415.06	7.20	-411.40	-39.28
		1280	9.21	55.97	-0.50	0.02	55.45	5.39	2.87	-425.21	0.78	-423.11	-29.86
1022	90	1303	11.88	80.76	-0.19	0.28	80.29	6.17	2.55	-521.07	0.41	-518.93	-33.40
		1320	10.29	55.85	-9.58	3.85	42.42	26.43	4.46	-514.02	0.35	-509.90	-46.00
		1318	8.24	45.72	-12.05	4.05	29.62	25.91	10.85	-412.79	7.26	-409.19	-38.88
		1280	9.19	56.23	-0.46	0.05	55.71	5.37	2.88	-422.91	0.84	-420.87	-29.43
1023	8	1321	9.15	35.83	-33.80	4.77	-2.74	34.61	5.51	-551.08	-1.75	-543.81	-63.17
		1268	10.99	14.18	-67.31	2.84	-55.97	28.20	17.23	-540.33	10.58	-533.68	-60.53
		1288	9.68	14.81	-58.61	4.07	-47.87	25.95	32.10	-468.27	26.26	-462.44	-53.72
		1319	8.09	32.78	-31.40	5.70	-4.31	31.70	16.99	-481.87	9.40	-474.29	-61.03
1023	40	1321	9.30	37.26	-31.17	4.68	1.42	34.17	8.58	-551.70	2.52	-545.64	-57.97
		1268	10.70	15.59	-60.23	3.53	-48.17	27.73	20.58	-541.65	15.03	-536.10	-55.57
		1288	9.41	17.11	-52.79	4.62	-40.30	26.78	35.41	-469.54	30.64	-464.77	-48.80
		1319	8.28	35.25	-30.16	5.47	-0.38	32.58	19.91	-482.32	13.61	-476.03	-55.86
1023	72	1321	9.31	37.38	-30.97	4.67	1.74	34.14	8.80	-551.78	2.82	-545.80	-57.60
		1268	10.68	15.70	-59.69	3.58	-47.57	27.69	20.81	-541.78	15.34	-536.30	-55.22
		1288	9.39	17.30	-52.35	4.66	-39.71	26.84	35.64	-469.66	30.95	-464.97	-48.45
		1319	8.29	35.45	-30.07	5.45	-0.08	32.65	20.11	-482.39	13.90	-476.18	-55.50
1024	26	1322	12.46	67.89	-7.45	3.05	57.39	26.09	-0.57	-614.23	-5.91	-608.89	-56.99
		1321	10.46	40.62	-24.25	5.21	11.16	32.30	8.20	-608.57	1.71	-602.08	-62.93
		1319	9.53	41.83	-27.58	5.64	8.60	34.67	20.08	-538.66	13.60	-532.18	-59.82
		1320	10.94	58.29	-10.95	3.00	44.35	27.77	4.79	-546.25	-0.57	-540.89	-54.07
1024	58	1322	11.95	67.41	-8.09	3.30	56.02	27.03	0.43	-583.37	-4.01	-578.93	-50.74
		1321	9.91	39.80	-26.81	4.92	8.08	33.27	9.31	-577.94	3.69	-572.32	-57.14
		1319	8.93	39.65	-28.61	5.43	5.61	34.13	20.38	-508.09	14.81	-502.52	-53.95
		1320	10.38	56.81	-10.52	3.35	42.94	27.24	4.98	-515.44	0.56	-511.03	-47.73
1024	90	1322	11.91	67.38	-8.14	3.32	55.93	27.09	0.50	-581.16	-3.88	-576.78	-50.31
		1321	9.87	39.74	-27.00	4.90	7.85	33.34	9.38	-575.74	3.83	-570.19	-56.75
		1319	8.89	39.49	-28.69	5.41	5.39	34.09	20.40	-505.90	14.89	-500.39	-53.55
		1320	10.34	56.71	-10.49	3.38	42.84	27.20	4.99	-513.23	0.64	-508.88	-47.29
1025	32	1279	14.52	106.92	0.01	0.62	106.32	8.04	1.82	-610.46	-2.59	-606.05	-51.78
		1322	12.47	70.69	-7.75	3.60	59.34	27.59	-0.03	-605.13	-6.36	-598.81	-61.55
		1320	10.86	59.40	-9.51	3.61	46.28	27.06	4.93	-536.52	-0.61	-530.98	-54.49
		1303	12.32	82.24	-0.13	0.42	81.68	6.73	3.86	-545.28	-0.62	-540.79	-49.42
1025	64	1279	14.18	107.90	-6.89e-03	0.64	107.25	8.30	2.69	-584.34	-0.48	-581.16	-43.04
		1322	11.96	68.79	-8.34	3.58	56.88	27.88	0.77	-579.39	-4.18	-574.45	-53.33
		1320	10.33	57.37	-10.00	3.64	43.73	27.07	4.68	-510.79	0.50	-506.61	-46.23
		1303	11.97	83.18	-0.05	0.50	82.63	6.76	3.71	-519.07	0.53	-515.89	-40.63
1025	96	1279	14.16	107.95	-8.75e-03	0.64	107.31	8.32	2.76	-582.48	-0.33	-579.39	-42.43
		1322	11.93	68.66	-8.38	3.58	56.70	27.90	0.83	-577.56	-4.02	-572.71	-52.75
		1320	10.29	57.23	-10.04	3.64	43.56	27.07	4.67	-508.96	0.58	-504.87	-45.65
		1303	11.95	83.24	-0.05	0.50	82.69	6.76	3.71	-517.20	0.62	-514.11	-40.01
1026	8	1323	9.84	36.61	-32.28	4.43	-0.10	34.37	3.28	-594.06	-3.89	-586.90	-65.04
		1289	11.98	11.98	-73.54	2.14	-63.70	27.29	13.57	-586.24	6.14	-578.81	-66.33
		1268	11.06	12.23	-64.98	2.93	-55.69	25.13	18.43	-546.62	11.67	-539.86	-61.43
		1321	9.15	33.34	-30.09	5.00	-1.74	31.54	6.36	-557.14	-0.90	-549.87	-63.57
1026	40	1323	9.96	38.33	-29.92	4.39	4.02	34.12	6.12	-591.68	0.08	-585.64	-59.78
		1289	11.65	13.42	-66.49	2.89	-55.96	27.03	16.62	-584.41	10.30	-578.09	-61.30
		1268	10.74	14.56	-59.17	3.56	-48.17	26.27	21.39	-544.77	15.70	-539.08	-56.44
		1321	9.32	36.25	-29.24	4.85	2.16	32.72	9.06	-554.67	2.96	-548.57	-58.33
1026	72	1323	9.97	38.47	-29.74	4.39	4.34	34.11	6.32	-591.52	0.35	-585.56	-59.40
		1289	11.62	13.53	-65.95	2.94	-55.37	27.01	16.83	-584.29	10.59	-578.05	-60.94
		1268	10.71	14.75	-58.74	3.61	-47.59	26.36	21.59	-544.64	15.98	-539.03	-56.09
		1321	9.33	36.48	-29.18	4.84	2.46	32.81	9.25	-554.50	3.23	-548.48	-57.96
1027	30	1324	13.62	80.45	-6.39	3.11	70.94	27.12	-0.81	-647.87	-6.07	-642.62	-58.06

		1323	11.04	41.91	-23.85	5.02	13.03	32.63	5.58	-644.43	-0.69	-638.16	-63.55
		1321	10.52	43.23	-27.61	5.18	10.44	35.32	9.45	-607.06	3.31	-600.92	-61.19
		1322	12.55	70.30	-9.51	3.00	57.78	29.02	0.84	-613.46	-4.40	-608.22	-56.49
1027	62	1324	13.12	79.76	-6.88	3.34	69.53	27.95	0.27	-617.54	-4.24	-613.03	-52.60
		1323	10.52	41.12	-26.11	4.70	10.31	33.50	6.83	-614.53	1.25	-608.95	-58.60
		1321	9.93	41.05	-28.33	4.93	7.79	34.66	9.84	-577.17	4.44	-571.76	-56.08
		1322	12.00	68.67	-9.01	3.31	56.35	28.37	1.08	-583.13	-3.38	-578.67	-50.86
1027	94	1324	13.08	79.71	-6.92	3.36	69.43	28.01	0.35	-615.37	-4.12	-610.90	-52.23
		1323	10.48	41.06	-26.27	4.68	10.11	33.56	6.91	-612.39	1.38	-606.85	-58.26
		1321	9.89	40.90	-28.39	4.91	7.60	34.61	9.87	-575.03	4.51	-569.67	-55.73
		1322	11.96	68.55	-8.97	3.34	56.25	28.33	1.10	-580.95	-3.31	-576.54	-50.48
1028	28	1302	16.23	131.28	0.02	0.74	130.55	9.72	2.05	-643.71	-2.78	-638.88	-55.61
		1324	13.67	83.16	-6.54	3.61	73.01	28.42	-0.20	-641.21	-6.67	-634.74	-64.04
		1322	12.52	71.36	-8.01	3.55	59.80	28.00	1.51	-606.32	-4.16	-600.65	-58.44
		1279	14.57	106.69	-0.08	0.57	106.03	8.36	4.49	-613.16	-0.56	-608.11	-55.65
1028	60	1302	15.90	132.55	4.60e-03	0.76	131.79	9.99	2.87	-616.69	-0.78	-613.03	-47.43
		1324	13.15	81.08	-7.04	3.59	70.45	28.71	0.68	-614.73	-4.55	-609.50	-56.45
		1322	11.98	69.17	-8.42	3.58	57.17	28.05	1.23	-579.84	-3.23	-575.38	-50.72
		1279	14.22	107.94	-0.02	0.65	107.28	8.42	4.23	-586.04	0.41	-582.23	-47.31
1028	92	1302	15.87	132.63	3.01e-03	0.76	131.87	10.01	2.93	-614.75	-0.64	-611.18	-46.86
		1324	13.11	80.94	-7.08	3.59	70.27	28.72	0.74	-612.83	-4.40	-607.69	-55.92
		1322	11.94	69.02	-8.45	3.58	56.99	28.05	1.22	-577.95	-3.16	-573.57	-50.18
		1279	14.19	108.02	-0.01	0.65	107.36	8.43	4.22	-584.10	0.48	-580.37	-46.73
1029	8	1325	10.39	37.55	-31.06	3.95	2.54	34.30	8.91	-622.54	2.07	-615.71	-66.35
		1267	12.50	10.17	-79.80	1.55	-71.18	26.48	17.86	-596.52	9.62	-588.27	-70.68
		1289	11.99	10.12	-71.14	2.25	-63.27	24.04	14.56	-588.29	6.96	-580.69	-67.26
		1323	10.09	33.88	-28.39	4.62	0.87	31.08	6.46	-617.69	-0.48	-610.74	-65.48
1029	40	1325	10.33	39.43	-28.72	4.07	6.64	34.05	11.61	-607.45	5.74	-601.58	-60.00
		1267	12.15	11.51	-72.76	2.34	-63.59	26.25	20.57	-593.66	13.49	-586.59	-65.55
		1289	11.65	12.43	-65.40	2.92	-55.89	25.49	17.20	-585.52	10.71	-579.03	-62.18
		1323	10.09	37.22	-27.92	4.54	4.75	32.57	7.56	-602.56	1.57	-596.57	-60.16
1029	72	1325	10.33	39.58	-28.54	4.08	6.96	34.03	11.80	-606.37	5.99	-600.57	-59.62
		1267	12.13	11.62	-72.22	2.40	-63.00	26.23	20.76	-593.46	13.76	-586.46	-65.18
		1289	11.63	12.62	-64.97	2.97	-55.33	25.60	17.38	-585.32	10.97	-578.91	-61.82
		1323	10.09	37.48	-27.89	4.54	5.05	32.68	7.63	-601.48	1.71	-595.56	-59.79
1030	28	1326	14.44	95.17	-5.43	3.42	86.32	28.49	3.46	-648.59	-2.56	-642.57	-62.36
		1325	11.12	40.96	-25.78	4.22	10.96	33.20	10.92	-649.26	3.69	-642.03	-68.71
		1323	10.94	40.56	-27.57	4.40	8.59	34.00	6.74	-644.17	-0.45	-636.98	-68.05
		1324	13.80	83.38	-6.70	3.39	73.29	28.41	0.48	-648.27	-5.86	-641.93	-63.81
1030	60	1326	13.87	93.19	-5.86	3.51	83.82	28.99	4.61	-618.21	-0.18	-613.42	-54.42
		1325	10.68	41.31	-26.41	4.23	10.68	33.71	12.28	-619.46	6.28	-613.45	-61.31
		1323	10.47	40.51	-27.81	4.43	8.26	34.10	7.26	-614.33	1.31	-608.39	-60.48
		1324	13.20	81.21	-6.97	3.51	70.73	28.53	0.83	-617.80	-4.23	-612.75	-55.69
1030	92	1326	13.83	93.06	-5.89	3.51	83.65	29.02	4.69	-616.04	-0.02	-611.33	-53.87
		1325	10.65	41.34	-26.45	4.23	10.67	33.74	12.38	-617.32	6.46	-611.40	-60.79
		1323	10.43	40.51	-27.83	4.44	8.24	34.11	7.29	-612.19	1.44	-606.34	-59.95
		1324	13.16	81.06	-6.99	3.52	70.56	28.54	0.86	-615.62	-4.11	-610.65	-55.12
1031	16	1278	17.63	165.55	0.56	1.57	164.54	12.85	2.94	-623.10	-2.00	-618.16	-55.38
		1326	13.75	96.51	-7.09	2.93	86.48	30.63	5.31	-594.78	-1.43	-588.04	-63.21
		1324	13.44	82.77	-6.54	2.87	73.37	27.41	1.24	-624.79	-4.73	-618.82	-60.84
		1302	16.48	141.06	0.91	1.46	140.51	8.73	4.34	-628.28	-1.12	-622.81	-58.55
1031	48	1278	17.17	161.65	0.27	1.22	160.70	12.34	3.24	-604.97	-0.63	-601.10	-48.37
		1326	13.56	93.92	-6.73	3.29	83.90	30.13	5.37	-593.61	2.35e-03	-588.25	-56.43
		1324	13.04	80.94	-6.98	3.26	70.70	28.21	1.07	-607.05	-3.77	-602.21	-54.04
		1302	16.03	137.16	0.46	1.12	136.50	9.49	4.27	-610.03	-0.08	-605.68	-51.50
1031	80	1278	17.14	161.36	0.24	1.19	160.42	12.30	3.26	-603.67	-0.53	-599.87	-47.85
		1326	13.55	93.74	-6.70	3.32	83.72	30.09	5.38	-593.53	0.11	-588.26	-55.93
		1324	13.01	80.82	-7.02	3.29	70.52	28.27	1.06	-605.78	-3.70	-601.02	-53.54
		1302	15.99	136.87	0.43	1.10	136.20	9.54	4.27	-608.72	-3.42e-03	-604.45	-50.99
1032	8	1327	10.20	36.17	-27.58	3.51	5.08	31.86	24.19	-600.14	17.75	-593.70	-63.09
		1290	12.97	7.20	-84.80	0.79	-78.39	23.44	30.23	-600.08	21.38	-591.23	-74.14
		1267	12.90	8.23	-77.15	1.69	-70.60	22.72	21.03	-623.13	12.97	-615.06	-71.63
		1325	10.37	34.34	-26.54	4.35	3.45	30.44	11.89	-627.57	5.04	-620.72	-65.84
1032	40	1327	10.15	39.30	-26.44	3.68	9.17	32.76	26.62	-582.59	21.12	-577.09	-57.62
		1290	12.42	8.98	-78.41	1.61	-71.03	24.29	32.75	-582.95	24.95	-575.15	-68.87
		1267	12.34	10.48	-71.55	2.39	-63.45	24.47	22.01	-605.97	14.90	-598.86	-66.44
		1325	10.34	38.09	-26.43	4.32	7.35	32.22	12.85	-609.89	6.93	-603.97	-60.42
1032	72	1327	10.15	39.54	-26.36	3.70	9.49	32.82	26.79	-581.32	21.35	-575.89	-57.23
		1290	12.37	9.13	-77.92	1.67	-70.47	24.36	32.92	-581.72	25.19	-573.99	-68.49
		1267	12.29	10.67	-71.13	2.44	-62.90	24.60	22.08	-604.73	15.03	-597.69	-66.06
		1325	10.34	38.38	-26.42	4.31	7.65	32.36	12.92	-608.62	7.06	-602.76	-60.03
1033	32	1328	14.35	100.93	-4.96	3.34	92.63	28.46	14.04	-617.59	8.83	-612.39	-57.09
		1327	10.99	41.58	-23.60	3.95	14.03	32.20	26.32	-624.71	19.39	-617.78	-66.80
		1325	11.23	41.88	-25.93	4.25	11.70	33.70	12.54	-651.85	5.27	-644.57	-69.13
		1326	14.20	89.34	-6.40	3.36	79.58	28.97	5.11	-652.03	-1.19	-645.73	-64.03
1033	64	1328	13.95	102.64	-5.21	3.46	93.97	29.33	15.00	-585.61	10.99	-581.60	-48.96
		1327	10.52	42.12	-24.72	3.93	13.47	33.08	27.43	-593.53	21.73	-587.83	-59.19

		1325	10.72	41.78	-26.41	4.27	11.10	33.93	12.84	-620.56	6.85	-614.57	-61.31
		1326	13.77	90.74	-6.26	3.51	80.97	29.19	5.31	-619.88	0.31	-614.88	-55.67
1033	96	1328	13.92	102.76	-5.23	3.47	94.06	29.39	15.08	-583.32	11.14	-579.39	-48.38
		1327	10.49	42.16	-24.80	3.93	13.43	33.14	27.51	-591.29	21.90	-585.68	-58.65
		1325	10.69	41.78	-26.45	4.27	11.07	33.94	12.87	-618.33	6.96	-612.42	-60.76
1034	16	1326	13.74	90.84	-6.25	3.52	81.06	29.21	5.32	-617.58	0.42	-612.67	-55.08
		1301	18.25	189.23	0.55	1.65	188.14	14.32	2.67	-585.38	-1.98	-580.73	-52.10
		1328	14.33	107.12	-6.29	2.99	97.84	31.08	14.23	-593.48	8.79	-588.03	-57.26
		1326	14.08	93.41	-5.72	2.90	84.79	27.94	5.17	-628.28	-0.81	-622.30	-61.25
		1278	17.67	164.83	0.83	1.46	164.19	10.22	4.95	-627.77	-0.83	-622.00	-60.17
1034	40	1301	17.79	186.05	0.32	1.38	184.99	14.00	2.97	-564.57	-0.39	-561.22	-43.50
		1328	13.92	105.63	-5.99	3.24	96.40	30.75	14.47	-573.23	10.37	-569.13	-48.92
		1326	13.69	92.60	-6.07	3.26	83.27	28.87	4.91	-607.95	0.32	-603.36	-52.87
1034	72	1278	17.21	161.70	0.51	1.27	160.93	11.08	4.37	-606.82	-7.83e-03	-602.44	-51.53
		1301	17.75	185.78	0.29	1.35	184.72	13.96	2.99	-563.20	-0.32	-559.90	-43.12
		1328	13.89	105.51	-5.96	3.27	96.28	30.71	14.50	-571.92	10.45	-567.88	-48.55
		1326	13.67	92.55	-6.09	3.29	83.16	28.94	4.92	-606.63	0.38	-602.09	-52.50
		1278	17.17	161.43	0.47	1.25	160.65	11.14	4.36	-605.43	0.04	-601.11	-51.15
1035	8	1329	9.73	35.63	-25.64	2.56	7.43	30.54	52.32	-547.71	46.85	-542.25	-57.01
		1266	12.75	4.60	-90.43	-0.51	-85.32	21.44	54.11	-553.48	44.06	-543.43	-77.49
		1290	13.07	6.31	-83.02	0.97	-77.68	21.18	33.11	-607.10	24.18	-598.17	-75.09
1035	40	1327	10.28	34.40	-24.83	3.66	5.91	29.59	26.60	-607.53	20.14	-601.07	-63.68
		1329	9.64	39.28	-24.90	2.83	11.55	31.79	54.54	-526.50	49.96	-521.93	-51.36
		1266	12.15	6.40	-84.34	0.34	-78.28	22.65	56.29	-532.81	47.35	-523.86	-72.05
		1290	12.46	8.47	-77.63	1.68	-70.84	23.20	33.91	-586.40	25.97	-578.46	-69.74
1035	72	1327	10.20	38.64	-24.97	3.83	9.84	31.66	27.46	-586.16	21.91	-580.61	-58.10
		1329	9.63	39.57	-24.84	2.86	11.87	31.89	54.69	-524.96	50.18	-520.44	-50.95
		1266	12.11	6.54	-83.88	0.41	-77.74	22.74	56.44	-531.30	47.57	-522.43	-71.66
		1290	12.42	8.65	-77.22	1.74	-70.31	23.36	33.96	-584.89	26.09	-577.02	-69.35
1036	32	1327	10.19	38.97	-24.99	3.84	10.14	31.82	27.52	-584.60	22.04	-579.11	-57.70
		1330	14.09	113.04	-4.38	3.13	105.52	28.73	32.57	-549.79	29.52	-546.74	-42.01
		1329	10.44	41.89	-22.31	3.23	16.35	31.42	54.39	-566.92	48.67	-561.20	-59.34
		1327	11.09	42.78	-24.68	3.97	14.13	33.35	30.98	-626.47	24.26	-619.75	-66.15
1036	60	1328	14.46	101.66	-5.57	3.33	92.76	29.58	18.67	-620.14	13.42	-614.88	-57.70
		1330	13.67	114.84	-4.70	3.25	106.89	29.80	33.62	-517.05	31.54	-514.98	-33.75
		1329	9.96	42.45	-23.73	3.18	15.54	32.51	55.39	-534.96	50.84	-530.41	-51.62
		1327	10.55	42.59	-25.32	3.96	13.31	33.63	29.18	-594.39	23.70	-588.90	-58.21
1036	92	1328	14.01	103.12	-5.46	3.49	94.17	29.86	16.94	-587.09	12.91	-583.05	-49.21
		1330	13.64	114.96	-4.72	3.26	106.98	29.86	33.70	-514.69	31.67	-512.67	-33.24
		1329	9.93	42.50	-23.79	3.18	15.53	32.57	55.46	-532.66	50.98	-528.18	-51.14
		1327	10.52	42.60	-25.34	3.96	13.30	33.65	29.07	-592.08	23.66	-586.66	-57.72
1037	27	1328	13.97	103.22	-5.45	3.51	94.27	29.88	16.84	-584.70	12.87	-580.73	-48.68
		1277	18.72	215.77	0.48	1.76	214.49	16.57	3.85	-528.33	3.12	-527.60	-19.68
		1330	12.84	121.17	-5.88	2.84	112.45	32.12	33.42	-441.14	32.55	-440.27	-20.23
		1328	13.09	108.09	-5.15	3.11	99.84	29.44	11.97	-511.82	9.74	-509.59	-34.14
1037	59	1301	18.70	191.60	0.89	1.74	190.75	12.67	0.71	-609.37	-1.22	-607.44	-34.28
		1277	18.00	211.14	0.24	1.45	209.94	15.89	3.10	-495.44	1.88	-494.22	-24.60
		1330	13.07	118.55	-5.40	3.16	109.99	31.42	32.44	-466.00	31.22	-464.78	-24.58
		1328	13.36	106.05	-5.34	3.40	97.31	29.95	13.18	-536.84	10.43	-534.09	-38.80
1037	91	1301	18.01	186.98	0.45	1.38	186.05	13.16	2.40	-576.66	-0.31	-573.95	-39.51
		1277	17.95	210.82	0.23	1.42	209.62	15.84	3.05	-493.09	1.79	-491.83	-24.95
		1330	13.08	118.36	-5.36	3.18	109.82	31.37	32.37	-467.76	31.13	-466.52	-24.89
		1328	13.38	105.91	-5.36	3.42	97.14	29.98	13.27	-538.61	10.48	-535.82	-39.12
1038	7	1301	17.96	186.65	0.42	1.36	185.71	13.19	2.52	-574.33	-0.25	-571.56	-39.87
		1331	8.82	33.72	-25.09	0.77	7.86	29.19	98.86	-461.79	96.00	-458.92	-39.99
		1291	12.33	0.80	-98.77	-3.22	-94.76	19.59	97.14	-475.85	86.51	-465.22	-77.33
		1266	12.95	3.40	-91.15	-0.54	-87.22	18.88	52.34	-559.70	43.36	-550.73	-73.57
1038	39	1329	9.62	32.67	-23.33	2.95	6.38	27.95	50.53	-554.34	45.97	-549.78	-52.32
		1331	8.76	38.18	-24.08	1.10	13.00	30.56	101.61	-437.36	99.07	-434.81	-36.95
		1291	11.61	2.73	-91.51	-2.15	-86.63	20.89	98.19	-452.15	87.98	-441.94	-74.25
		1266	12.25	5.73	-84.70	0.33	-79.31	21.43	55.18	-535.93	46.60	-527.34	-70.71
1038	71	1329	9.60	38.07	-23.62	3.10	11.34	30.57	53.34	-529.80	49.11	-525.57	-49.50
		1331	8.76	38.53	-24.01	1.12	13.39	30.66	101.80	-435.56	99.28	-433.04	-36.72
		1291	11.56	2.89	-90.96	-2.07	-86.00	20.99	98.26	-450.40	88.09	-440.23	-74.02
		1266	12.20	5.92	-84.22	0.40	-78.70	21.62	55.38	-534.18	46.83	-525.62	-70.49
1039	27	1329	9.60	38.48	-23.65	3.11	11.72	30.77	53.54	-528.00	49.33	-523.79	-49.28
		1332	13.63	132.50	-4.22	3.08	125.19	30.74	68.59	-445.78	68.48	-445.67	7.56
		1331	9.26	39.48	-26.54	0.74	12.21	32.51	104.78	-474.73	103.63	-473.58	-25.80
		1329	10.01	37.92	-25.18	2.61	10.13	31.33	51.84	-566.59	49.42	-564.17	-38.60
1039	59	1330	14.36	120.16	-3.11	3.93	113.12	28.62	31.00	-551.00	30.26	-550.26	-20.81
		1332	13.02	129.92	-4.45	2.88	122.59	30.52	67.62	-412.01	67.59	-411.99	3.47
		1331	8.95	41.17	-24.86	1.14	15.16	32.26	104.18	-442.69	102.59	-441.10	-29.43
		1329	9.76	40.72	-24.74	2.96	13.02	32.34	53.77	-534.69	50.68	-531.60	-42.52
1039	91	1330	13.80	118.12	-4.00	3.67	110.45	29.63	32.69	-517.63	31.54	-516.48	-25.18
		1332	12.98	129.74	-4.47	2.86	122.41	30.50	67.55	-409.60	67.53	-409.58	3.19
		1331	8.93	41.30	-24.74	1.17	15.38	32.25	104.14	-440.40	102.52	-438.77	-29.68
		1329	9.75	40.93	-24.71	2.99	13.23	32.42	53.91	-532.41	50.77	-529.27	-42.79

		1330	13.76	117.98	-4.06	3.65	110.26	29.71	32.82	-515.25	31.63	-514.06	-25.49
1040	27	1300	18.09	239.60	0.54	1.93	238.21	18.16	4.03	-408.86	4.03	-408.86	-0.17
		1332	13.54	132.87	-5.52	2.29	125.06	31.94	64.15	-441.13	63.89	-440.88	11.34
		1330	14.34	120.56	-4.62	2.93	113.02	29.79	29.06	-547.94	28.44	-547.32	-18.86
		1277	18.75	215.96	0.89	1.84	215.01	14.28	0.32	-531.76	-0.86	-530.58	-25.00
1040	59	1300	17.35	235.01	0.31	1.63	233.70	17.51	2.92	-374.03	2.87	-373.98	-4.56
		1332	12.90	130.11	-5.06	2.61	122.45	31.26	62.77	-407.42	62.65	-407.30	7.51
		1330	13.75	118.36	-4.78	3.23	110.35	30.37	30.10	-514.64	29.13	-513.67	-22.97
		1277	18.03	211.40	0.47	1.52	210.35	14.82	1.84	-497.38	0.07	-495.61	-29.67
1040	91	1300	17.30	234.69	0.30	1.61	233.38	17.46	2.85	-371.55	2.78	-371.49	-4.86
		1332	12.86	129.92	-5.03	2.63	122.27	31.21	62.68	-405.02	62.56	-404.90	7.25
		1330	13.70	118.21	-4.79	3.25	110.16	30.41	30.17	-512.26	29.18	-511.26	-23.26
		1277	17.98	211.08	0.44	1.49	210.02	14.86	1.95	-494.93	0.13	-493.11	-30.00
1041	7	1333	7.96	30.93	-23.66	-3.14	10.41	26.44	176.93	-342.88	176.20	-342.15	-19.52
		1265	11.46	-4.67	-103.98	-7.62	-101.04	16.84	164.54	-369.37	150.61	-355.44	-85.10
		1291	12.35	0.06	-96.69	-2.91	-93.72	16.71	92.32	-482.92	81.48	-472.08	-78.23
		1331	8.84	31.29	-21.76	1.00	8.53	26.26	97.02	-468.89	94.03	-465.90	-41.04
1041	39	1333	7.87	36.20	-23.18	-2.58	15.60	28.26	180.28	-315.08	179.76	-314.56	-16.03
		1265	10.75	-2.63	-97.19	-6.42	-93.40	18.56	167.70	-342.12	154.24	-328.66	-81.72
		1291	11.63	2.31	-90.58	-1.99	-86.28	19.52	95.36	-455.69	84.95	-445.27	-75.04
		1331	8.77	37.25	-22.38	1.31	13.56	29.18	100.09	-440.93	97.44	-438.28	-37.74
1041	71	1333	7.86	36.60	-23.15	-2.54	15.99	28.40	180.53	-313.03	180.02	-312.52	-15.77
		1265	10.69	-2.47	-96.68	-6.33	-92.81	18.69	167.92	-340.10	154.50	-326.68	-81.47
		1291	11.57	2.49	-90.12	-1.92	-85.71	19.73	95.58	-453.68	85.20	-443.29	-74.80
		1331	8.77	37.71	-22.44	1.33	13.94	29.40	100.31	-438.86	97.69	-436.24	-37.50
1042	27	1334	12.29	140.35	-4.81	1.23	134.30	29.01	127.83	-310.75	120.84	-303.76	54.92
		1333	8.32	37.54	-25.51	-2.84	14.88	30.25	183.90	-351.67	183.89	-351.66	-2.38
		1331	9.15	37.11	-23.81	0.91	12.39	29.91	99.36	-476.36	98.18	-475.18	-26.00
		1332	13.47	129.22	-3.18	3.12	122.92	28.20	63.89	-447.56	63.82	-447.49	5.96
1042	59	1334	11.73	139.22	-4.90	1.15	133.17	28.90	126.93	-276.04	120.29	-269.40	51.32
		1333	8.01	39.50	-24.05	-2.38	17.83	30.12	183.27	-318.54	183.21	-318.48	-5.56
		1331	8.90	40.14	-23.56	1.29	15.29	31.07	101.05	-443.52	99.46	-441.93	-29.42
		1332	12.96	128.55	-3.91	2.96	121.69	29.36	65.17	-413.06	65.16	-413.05	2.11
1042	91	1334	11.69	139.14	-4.91	1.14	133.09	28.90	126.88	-273.57	120.25	-266.94	51.07
		1333	7.99	39.65	-23.95	-2.35	18.05	30.12	183.23	-316.17	183.17	-316.10	-5.78
		1331	8.88	40.36	-23.55	1.31	15.50	31.16	101.18	-441.17	99.55	-439.55	-29.66
		1332	12.92	128.51	-3.96	2.94	121.60	29.45	65.26	-410.59	65.26	-410.58	1.84
1043	27	1276	16.66	261.75	0.72	2.13	260.34	19.12	10.32	-246.57	5.83	-242.08	33.67
		1334	12.07	140.09	-5.53	0.90	133.66	29.91	124.11	-307.07	113.36	-296.32	67.24
		1332	13.36	129.44	-4.50	2.36	122.57	29.54	60.13	-442.86	59.81	-442.54	12.59
		1300	18.11	239.83	0.93	1.98	238.78	15.82	0.26	-410.29	0.19	-410.22	-5.51
1043	59	1276	15.90	257.24	0.48	1.86	255.87	18.71	8.79	-210.70	4.68	-206.59	29.75
		1334	11.49	138.90	-5.11	1.21	132.58	29.50	122.77	-272.67	112.17	-262.06	63.88
		1332	12.82	128.62	-4.56	2.68	121.39	30.19	60.69	-408.40	60.52	-408.23	8.97
		1300	17.38	235.34	0.53	1.69	234.18	16.43	1.38	-374.91	1.13	-374.66	-9.67
1043	91	1276	15.85	256.93	0.47	1.84	255.56	18.68	8.68	-208.14	4.60	-204.05	29.47
		1334	11.45	138.82	-5.08	1.24	132.50	29.47	122.68	-270.21	112.08	-259.62	63.64
		1332	12.78	128.57	-4.56	2.70	121.31	30.24	60.73	-405.94	60.57	-405.78	8.72
		1300	17.32	235.02	0.50	1.67	233.86	16.48	1.46	-372.39	1.19	-372.12	-9.97
1044	7	1335	7.70	27.89	-23.55	-10.15	14.50	22.58	305.79	-190.35	305.31	-189.86	15.54
		1292	10.63	-12.85	-109.05	-14.99	-106.92	14.17	286.74	-232.07	267.14	-212.47	-98.90
		1265	11.50	-5.14	-102.06	-7.29	-99.91	14.29	160.82	-376.03	146.75	-361.95	-85.77
		1333	7.97	28.90	-20.77	-2.90	11.03	23.83	173.75	-349.35	172.92	-348.52	-20.77
1044	39	1335	7.58	33.98	-23.53	-9.26	19.71	24.84	311.02	-159.95	310.22	-159.15	19.41
		1292	9.94	-10.59	-102.80	-13.56	-99.83	16.27	291.28	-201.60	272.08	-182.40	-95.36
		1265	10.76	-2.93	-96.34	-6.26	-93.01	17.33	164.70	-345.63	151.04	-331.97	-82.36
		1333	7.87	35.44	-21.72	-2.37	16.09	27.04	177.76	-318.48	177.18	-317.90	-17.02
1044	71	1335	7.58	34.45	-23.53	-9.19	20.11	25.02	311.41	-157.69	310.58	-156.86	19.70
		1292	9.88	-10.41	-102.32	-13.45	-99.29	16.43	291.62	-199.33	272.45	-180.16	-95.10
		1265	10.70	-2.75	-95.92	-6.18	-92.48	17.56	164.98	-343.36	151.36	-329.74	-82.10
		1333	7.87	35.94	-21.79	-2.33	16.47	27.29	178.06	-316.19	177.49	-315.62	-16.75
1045	27	1336	10.95	149.11	-6.26	-2.26	145.11	24.61	243.95	-166.08	195.57	-117.70	132.27
		1335	7.91	34.99	-25.37	-9.47	19.08	26.59	312.85	-196.60	309.96	-193.72	38.24
		1333	8.20	35.15	-22.82	-2.65	14.99	27.61	177.92	-352.43	177.90	-352.42	-2.75
		1334	12.24	139.47	-3.70	1.35	134.42	26.41	122.90	-310.96	116.26	-304.32	53.27
1045	59	1336	10.41	148.20	-6.28	-2.24	144.16	24.65	247.31	-133.79	196.98	-83.46	129.03
		1335	7.64	37.31	-24.19	-8.90	22.03	26.58	314.04	-163.12	311.40	-160.47	35.41
		1333	7.94	38.43	-22.79	-2.24	17.88	28.91	179.58	-319.17	179.51	-319.10	-5.76
		1334	11.72	138.96	-4.34	1.25	133.37	27.75	124.24	-276.30	117.93	-270.00	49.84
1045	91	1336	10.37	148.14	-6.28	-2.24	144.10	24.65	247.58	-131.49	197.09	-81.00	128.81
		1335	7.62	37.49	-24.10	-8.86	22.25	26.58	314.13	-160.71	311.50	-158.08	35.22
		1333	7.93	38.68	-22.79	-2.20	18.10	29.01	179.70	-316.78	179.63	-316.71	-5.96
		1334	11.68	138.93	-4.39	1.25	133.30	27.85	124.34	-273.82	118.06	-267.54	49.60
1046	27	1299	14.30	280.41	0.97	2.36	279.02	19.66	80.97	-95.15	8.39	-22.56	86.69
		1336	10.73	148.37	-6.26	-1.98	144.09	25.36	255.57	-176.01	186.66	-107.10	158.08
		1334	12.05	139.72	-4.65	0.94	134.13	27.87	120.53	-307.89	109.29	-296.65	68.48
		1276	16.69	262.88	0.94	2.06	261.75	17.11	5.36	-244.76	2.07	-241.47	28.50

1046	59	1299	14.32	275.60	0.77	2.14	274.23	19.37	93.00	-73.22	7.21	12.57	83.07
		1336	10.16	147.15	-5.88	-1.65	142.93	25.06	258.08	-145.56	185.47	-72.96	155.04
		1334	11.48	138.82	-4.68	1.27	132.88	28.60	121.18	-273.57	110.08	-262.47	65.26
		1276	15.94	258.09	0.63	1.87	256.85	17.80	5.91	-209.17	3.03	-206.30	24.70
1046	91	1299	14.34	275.26	0.76	2.13	273.89	19.35	94.01	-71.80	7.13	15.08	82.81
		1336	10.12	147.07	-5.85	-1.63	142.86	25.04	258.29	-143.41	185.39	-70.50	154.83
		1334	11.44	138.77	-4.68	1.29	132.79	28.65	121.23	-271.11	110.14	-260.01	65.04
		1276	15.88	257.75	0.61	1.86	256.50	17.85	5.95	-206.62	3.10	-203.78	24.43
1047	7	1337	9.34	28.93	-27.00	-21.09	23.01	17.20	521.33	-8.85	510.57	1.91	74.75
		1264	10.55	-23.89	-113.89	-25.65	-112.12	12.48	503.54	-60.48	475.07	-32.02	-123.47
		1292	10.64	-13.19	-107.28	-14.74	-105.73	11.96	279.94	-239.50	260.24	-219.80	-99.22
		1335	7.70	26.56	-21.37	-10.03	15.22	20.37	301.14	-196.59	300.74	-196.19	14.13
1047	39	1337	9.22	35.28	-26.81	-19.64	28.11	19.85	530.28	23.08	517.74	35.62	78.75
		1264	9.96	-21.24	-108.27	-23.87	-105.63	14.91	510.64	-26.68	482.33	1.63	-120.04
		1292	9.92	-10.87	-102.03	-13.48	-99.43	15.19	285.63	-205.82	266.21	-186.39	-95.76
		1335	7.58	33.47	-22.49	-9.19	20.17	23.82	307.31	-163.42	306.61	-162.72	18.17
1047	71	1337	9.21	35.77	-26.80	-19.53	28.49	20.05	530.96	25.47	518.28	38.15	79.04
		1264	9.92	-21.03	-107.85	-23.74	-105.14	15.10	511.18	-24.15	482.88	4.16	-119.79
		1292	9.87	-10.68	-101.65	-13.38	-98.95	15.44	286.06	-203.29	266.65	-183.88	-95.51
		1335	7.57	34.00	-22.58	-9.13	20.55	24.09	307.78	-160.93	307.05	-160.21	18.47
1048	27	1338	11.39	156.52	-9.77	-8.27	155.02	15.71	475.75	-58.96	301.61	115.19	250.58
		1337	9.44	35.14	-27.58	-19.82	27.38	20.66	529.27	-11.88	513.53	3.86	90.94
		1335	7.84	32.73	-22.89	-9.33	19.17	23.88	308.89	-197.84	306.08	-195.02	37.63
		1336	10.96	148.34	-5.51	-2.32	145.15	21.92	241.89	-165.32	194.21	-117.64	130.93
1048	59	1338	11.66	155.86	-9.30	-7.75	154.31	15.92	485.19	-33.14	303.07	148.98	247.44
		1337	9.22	37.85	-26.65	-19.06	30.26	20.79	533.93	18.19	514.99	37.13	97.01
		1335	7.59	36.26	-23.07	-8.82	22.00	25.35	310.90	-164.22	308.32	-161.64	34.92
		1336	10.43	148.00	-5.95	-2.29	144.34	23.46	245.95	-133.21	196.47	-83.73	127.72
1048	91	1338	11.68	155.83	-9.26	-7.71	154.27	15.94	485.91	-31.31	303.17	151.43	247.23
		1337	9.21	38.05	-26.58	-19.00	30.47	20.80	534.28	20.36	515.09	39.55	97.44
		1335	7.57	36.52	-23.09	-8.78	22.21	25.46	311.05	-161.78	308.48	-159.22	34.74
		1336	10.39	147.99	-5.99	-2.29	144.29	23.57	246.26	-130.91	196.63	-81.27	127.50
1049	14	1275	20.63	290.10	1.15	2.78	288.47	21.66	423.74	-57.20	6.38	360.16	162.90
		1338	13.82	160.91	-7.55	-5.34	158.71	19.16	560.13	-35.62	284.39	240.12	297.05
		1336	9.41	155.17	-5.60	-0.49	150.07	28.19	282.21	-90.20	186.73	5.28	162.61
		1299	15.81	282.34	1.13	2.91	280.56	22.31	143.23	-42.92	8.34	91.97	83.16
1049	46	1275	19.95	284.97	1.13	2.55	283.55	20.04	398.89	-57.18	7.53	334.18	159.14
		1338	13.24	156.57	-7.53	-5.66	154.70	17.43	544.00	-46.16	284.06	213.78	292.98
		1336	9.53	150.60	-5.57	-0.95	145.98	26.45	271.26	-106.76	185.62	-21.12	158.24
		1299	15.15	277.10	0.89	2.45	275.54	20.69	121.01	-47.68	7.40	65.93	79.10
1049	78	1275	19.90	284.58	1.13	2.53	283.17	19.91	397.07	-57.18	7.61	332.28	158.85
		1338	13.19	156.24	-7.53	-5.68	154.39	17.29	542.83	-46.95	284.04	211.84	292.68
		1336	9.55	150.25	-5.57	-0.99	145.67	26.31	270.48	-108.01	185.53	-23.06	157.91
		1299	15.10	276.71	0.87	2.41	275.16	20.57	119.42	-48.06	7.33	64.03	78.80
1050	14	1339	13.55	62.90	-31.24	-26.20	57.86	21.17	930.43	301.13	864.92	366.63	192.17
		1293	14.48	-22.23	-104.58	-30.09	-96.72	24.20	934.63	289.42	895.60	328.45	-153.81
		1264	8.94	-13.27	-99.28	-20.16	-92.39	23.34	522.29	57.77	494.57	85.49	-110.04
		1337	9.00	51.90	-28.76	-16.88	40.02	28.58	556.19	97.95	536.05	118.09	93.93
1050	46	1339	13.59	57.80	-31.46	-27.63	53.97	18.08	915.22	277.98	855.53	337.67	185.67
		1293	14.32	-25.63	-106.82	-31.60	-100.85	21.19	925.31	259.01	885.86	298.46	-157.24
		1264	9.00	-16.36	-101.47	-21.40	-96.42	20.10	514.63	27.44	486.34	55.73	-113.94
		1337	9.07	46.06	-28.04	-18.10	36.12	25.25	544.76	72.75	528.17	89.34	86.92
1050	78	1339	13.59	57.42	-31.48	-27.74	53.68	17.85	914.10	276.24	854.83	335.52	185.19
		1293	14.31	-25.87	-107.00	-31.71	-101.17	20.96	924.61	256.75	885.13	296.22	-157.50
		1264	9.03	-16.58	-101.64	-21.50	-96.73	19.85	514.05	25.18	485.72	53.51	-114.23
		1337	9.08	45.62	-27.99	-18.19	35.83	25.00	543.92	70.86	527.58	87.20	86.40
1051	7	1340	15.49	153.25	-14.74	-14.56	153.07	-5.51	816.97	7.60	429.85	394.71	404.30
		1339	14.14	41.25	-33.24	-32.95	40.95	4.70	889.42	182.22	825.28	246.36	203.08
		1337	9.42	28.37	-24.73	-20.57	24.21	14.27	524.10	-18.37	509.10	-3.37	88.96
		1338	10.63	145.93	-11.17	-10.64	145.40	9.14	466.96	-44.49	303.41	119.06	238.54
1051	39	1340	16.23	157.79	-12.82	-12.80	157.77	-1.81	834.06	19.71	427.77	425.99	407.17
		1339	13.89	46.17	-32.23	-31.36	45.30	8.21	895.17	210.43	823.95	281.64	209.03
		1337	9.20	34.45	-25.30	-19.42	28.57	17.81	529.96	13.88	511.57	32.28	95.68
		1338	11.26	151.11	-10.30	-9.28	150.08	12.85	481.79	-25.90	305.21	150.69	241.80
1051	71	1340	16.28	158.14	-12.68	-12.67	158.13	-1.53	835.35	20.61	427.61	428.34	407.37
		1339	13.87	46.56	-32.17	-31.24	45.63	8.48	895.61	212.55	823.85	284.31	209.45
		1337	9.19	34.92	-25.35	-19.33	28.90	18.08	530.41	16.30	511.75	34.97	96.16
		1338	11.32	151.51	-10.24	-9.17	150.44	13.14	482.93	-24.52	305.33	153.07	242.03
1052	14	1298	25.47	288.02	2.17	3.72	286.47	20.99	742.56	-83.92	2.96	655.68	253.48
		1340	19.21	167.53	-9.78	-9.53	167.29	6.60	936.25	-26.83	395.29	514.12	477.86
		1338	13.94	163.58	-7.44	-5.22	161.36	19.36	561.94	-36.17	285.07	240.70	298.23
		1275	20.86	296.19	2.19	3.87	294.51	22.14	420.61	-52.21	7.84	360.55	157.45
1052	46	1298	24.68	280.19	1.93	3.17	278.94	18.54	720.05	-82.91	5.49	631.65	251.33
		1340	18.58	162.44	-9.96	-9.86	162.34	3.99	920.32	-34.99	397.01	488.32	475.47
		1338	13.33	158.05	-7.51	-5.67	156.21	17.37	547.19	-47.01	285.30	214.89	295.01
		1275	20.10	288.23	1.58	3.03	286.78	20.32	397.90	-52.74	8.66	336.51	154.59
1052	78	1298	24.62	279.59	1.91	3.13	278.37	18.35	718.41	-82.84	5.67	629.90	251.17

		1340	18.53	162.05	-9.97	-9.89	161.96	3.79	919.16	-35.61	397.14	486.41	475.29
		1338	13.28	157.63	-7.52	-5.71	155.81	17.22	546.12	-47.82	285.31	212.99	294.76
		1275	20.04	287.62	1.53	2.97	286.18	20.18	396.25	-52.78	8.72	334.75	154.38
1053	14	1341	20.23	94.78	-22.27	-20.49	92.99	14.35	1472.35	538.58	1327.81	683.11	337.75
		1263	24.12	-23.07	-110.63	-32.44	-101.26	27.07	1680.32	622.30	1629.39	673.23	-226.48
		1293	14.41	-19.75	-106.25	-29.14	-96.86	26.91	919.76	292.10	878.52	333.34	-155.52
		1339	13.87	58.32	-37.84	-33.80	54.29	19.28	928.37	307.36	867.41	368.31	184.77
1053	46	1341	20.29	91.79	-22.36	-21.19	90.63	11.48	1457.57	512.32	1317.68	652.20	335.64
		1263	23.92	-26.12	-112.07	-33.39	-104.79	23.93	1668.66	586.86	1618.09	637.43	-228.37
		1293	14.19	-23.29	-107.58	-30.50	-100.37	23.57	908.22	256.57	867.09	297.70	-158.46
		1339	13.95	54.71	-38.02	-35.08	51.77	16.25	914.48	280.23	857.19	337.52	181.81
1053	78	1341	20.29	91.57	-22.37	-21.24	90.45	11.26	1456.48	510.35	1316.93	649.90	335.49
		1263	23.90	-26.34	-112.19	-33.47	-105.06	23.69	1667.79	584.20	1617.24	634.75	-228.50
		1293	14.17	-23.55	-107.69	-30.61	-100.64	23.32	907.35	253.91	866.23	295.03	-158.68
		1339	13.95	54.44	-38.04	-35.17	51.57	16.02	913.45	278.20	856.43	335.22	181.59
1054	7	1342	20.77	154.21	-11.13	-6.44	149.53	-27.43	1239.64	-11.78	531.06	696.79	620.20
		1341	22.26	78.98	-40.89	-39.25	77.33	-13.95	1440.46	380.16	1263.99	556.64	394.94
		1339	14.09	44.15	-29.54	-29.39	44.00	3.34	887.23	175.74	822.40	240.57	204.75
		1340	16.00	152.93	-18.73	-18.56	152.76	-5.41	850.21	2.66	440.17	412.71	423.55
1054	39	1342	21.33	158.01	-7.84	-4.76	154.93	-22.40	1240.08	3.01	521.78	721.30	610.44
		1341	21.72	80.19	-38.91	-38.18	79.46	-9.31	1435.94	415.09	1257.35	593.69	387.84
		1339	13.78	47.09	-28.80	-28.08	46.37	7.36	893.53	206.33	821.73	278.13	210.20
		1340	16.56	158.40	-16.60	-16.59	158.38	-1.53	854.42	20.32	437.08	437.66	417.05
1054	71	1342	21.38	158.32	-7.60	-4.63	155.34	-22.01	1240.13	4.07	521.07	723.13	609.72
		1341	21.68	80.30	-38.77	-38.09	79.63	-8.95	1435.62	417.70	1256.83	596.49	387.33
		1339	13.75	47.34	-28.76	-27.98	46.56	7.67	894.01	208.63	821.68	280.97	210.58
		1340	16.60	158.82	-16.44	-16.44	158.82	-1.24	854.77	21.59	436.84	439.53	416.59
1055	6	1274	28.24	269.77	1.51	3.31	267.96	21.93	965.63	-118.06	-13.16	860.73	320.42
		1342	24.49	167.30	-8.19	-8.10	167.21	-3.89	1313.57	-38.50	481.66	793.41	657.82
		1340	19.09	170.36	-8.98	-8.84	170.22	4.99	929.26	-13.69	396.61	518.97	467.49
		1298	25.04	293.46	4.16	5.68	291.94	20.90	698.73	-79.66	-0.51	619.58	235.26
1055	38	1274	27.72	258.89	1.25	2.49	257.66	17.81	973.21	-118.59	-7.49	862.11	330.08
		1342	23.93	162.28	-8.19	-7.78	161.86	-8.38	1308.60	-55.60	485.23	767.77	667.31
		1340	18.59	164.48	-9.36	-9.33	164.45	2.42	923.19	-29.77	399.58	493.84	474.14
		1298	24.54	282.46	2.79	4.04	281.21	18.69	704.47	-78.65	5.17	620.65	242.10
1055	70	1274	27.68	258.06	1.23	2.43	256.86	17.49	973.78	-118.62	-7.06	862.22	330.80
		1342	23.89	161.90	-8.20	-7.75	161.45	-8.72	1308.25	-56.89	485.50	765.86	668.02
		1340	18.55	164.03	-9.40	-9.37	164.01	2.22	922.74	-30.97	399.81	491.96	474.62
		1298	24.50	281.62	2.68	3.92	280.38	18.52	704.90	-78.56	5.60	620.74	242.60
1056	4	1343	37.25	233.76	84.99	136.79	181.96	70.87	2141.46	686.59	1860.77	967.29	574.09
		1294	43.27	-5.41	-176.25	-15.99	-165.67	-41.18	3087.80	989.31	3035.43	1041.67	-327.33
		1263	22.35	20.62	-108.32	1.59	-89.29	45.73	1598.92	473.56	1553.07	519.40	-222.46
		1341	25.14	76.92	-98.73	-96.70	74.89	-18.80	1476.15	449.65	1329.02	596.78	359.70
1056	36	1343	36.89	235.67	81.75	133.75	183.67	72.80	2116.38	709.45	1843.54	982.29	556.26
		1294	42.69	-9.79	-172.80	-18.97	-163.62	-37.58	3079.09	1023.41	3022.67	1079.83	-335.85
		1263	22.59	24.22	-108.41	2.45	-86.64	49.14	1609.97	511.89	1561.71	560.15	-225.09
		1341	24.93	78.74	-97.73	-96.11	77.13	-16.80	1474.73	472.76	1333.20	614.29	348.96
1056	68	1343	36.86	235.81	81.50	133.51	183.80	72.95	2114.47	711.24	1842.24	983.48	554.89
		1294	42.65	-10.13	-172.54	-19.20	-163.47	-37.30	3078.46	1026.06	3021.71	1082.80	-336.51
		1263	22.61	24.51	-108.43	2.51	-86.43	49.40	1610.82	514.87	1562.38	563.32	-225.28
		1341	24.92	78.88	-97.65	-96.07	77.30	-16.65	1474.62	474.56	1333.53	615.66	348.14
1057	7	1344	24.55	101.72	14.03	23.73	92.02	-27.50	1526.55	-135.50	475.48	915.57	801.36
		1343	33.73	169.98	-64.84	-53.46	158.60	-50.42	2114.63	633.79	1801.41	947.00	604.75
		1341	21.31	80.54	-5.93	-1.68	76.29	-18.69	1459.34	355.86	1251.38	563.82	431.54
		1342	22.27	153.93	-21.44	-18.83	151.32	-21.23	1315.55	24.57	567.69	772.43	637.32
1057	39	1344	24.32	103.80	16.42	22.47	97.75	-22.18	1493.06	-119.23	460.08	913.76	773.57
		1343	32.84	167.34	-64.30	-55.76	158.80	-43.65	2093.05	681.03	1791.95	982.14	578.36
		1341	20.62	79.61	-3.50	-0.97	77.08	-14.28	1447.21	394.69	1244.15	597.75	415.32
		1342	22.35	159.83	-18.75	-16.87	157.94	-18.27	1291.10	33.03	554.37	769.76	619.75
1057	71	1344	24.32	104.00	16.57	22.38	98.19	-21.77	1490.51	-118.01	458.89	913.61	771.45
		1343	32.77	167.15	-64.27	-55.93	158.81	-43.14	2091.40	684.61	1791.22	984.78	576.35
		1341	20.57	79.56	-3.33	-0.92	77.14	-13.94	1446.28	397.61	1243.59	600.31	414.09
		1342	22.35	160.29	-18.55	-16.71	158.45	-18.04	1289.24	33.65	553.34	769.55	618.42
1058	6	1297	26.90	246.01	2.66	4.83	243.83	22.92	935.78	-144.44	-41.71	833.05	316.89
		1344	27.34	167.77	-8.13	-8.05	167.68	-3.83	1465.80	-87.10	461.35	917.35	742.22
		1342	23.96	169.12	-5.03	-4.72	168.81	-7.31	1289.20	-63.53	475.39	750.28	662.25
		1274	28.61	280.91	2.66	3.65	279.93	16.50	962.60	-117.79	-16.21	861.02	315.32
1058	38	1297	26.39	229.45	3.19	4.55	228.09	17.49	962.35	-151.92	-38.00	848.44	337.57
		1344	27.17	162.32	-6.60	-5.99	161.71	-10.13	1488.93	-109.27	461.88	917.78	765.90
		1342	23.91	162.48	-5.22	-4.65	161.91	-9.76	1310.50	-75.30	483.15	752.05	679.73
		1274	28.13	264.11	0.58	1.43	263.26	14.93	988.17	-114.29	-4.70	878.58	329.87
1058	70	1297	26.35	228.18	3.23	4.53	226.88	17.07	964.41	-152.49	-37.72	849.64	339.14
		1344	27.16	161.92	-6.50	-5.83	161.25	-10.61	1490.70	-110.96	461.91	917.82	767.70
		1342	23.90	161.97	-5.23	-4.64	161.38	-9.95	1312.13	-76.19	483.75	752.20	681.06
		1274	28.09	262.82	0.42	1.26	261.98	14.81	990.15	-114.02	-3.82	879.95	330.96
1059	7	1295	41.83	181.04	-9.96	180.56	-9.49	9.52	2565.56	523.12	1975.96	1112.72	925.53
	22		99.73	426.23	-32.82	409.49	-16.08	-86.06	5671.00	1108.24	5524.60	1254.65	-804.10

		1294	43.03	-28.59	-97.17	-83.45	-42.31	-27.43	3027.88	1149.72	3004.20	1173.39	-209.53
		1343	34.70	162.75	-23.87	143.71	-4.83	-56.48	2284.03	724.59	2066.05	942.57	540.75
1059	39	1295	39.63	162.40	-12.81	162.24	-12.65	5.27	2484.05	552.32	1923.56	1112.81	876.68
		22	98.28	408.39	-32.72	392.02	-16.35	-83.40	5657.31	1172.79	5494.70	1335.41	-838.33
		1294	43.05	-30.28	-94.98	-86.05	-39.22	-22.32	3028.28	1228.51	3001.03	1255.76	-219.77
		1343	34.09	160.63	-25.33	139.95	-4.65	-58.46	2252.84	740.07	2049.33	943.58	516.19
1059	71	1295	39.46	160.98	-13.03	160.83	-12.89	4.94	2477.82	554.54	1919.56	1112.79	872.94
		22	98.17	407.03	-32.71	390.68	-16.36	-83.19	5656.28	1177.63	5492.39	1341.53	-840.94
		1294	43.05	-30.38	-94.86	-86.25	-38.99	-21.93	3028.32	1234.47	3000.79	1262.00	-220.54
		1343	34.05	160.47	-25.45	139.66	-4.64	-58.61	2250.45	741.23	2048.03	943.64	514.31
1060	7	1296	13.27	132.61	12.38	22.51	122.47	-33.40	610.85	-214.59	-1.16	397.41	361.42
		1295	42.39	225.34	-9.46	218.81	-2.93	38.61	2557.70	1695.86	2353.56	1900.00	366.42
		1343	44.85	130.57	-212.22	-49.06	-32.59	-171.19	2239.11	251.94	1706.98	784.06	879.92
		1344	34.66	189.90	9.91	12.89	186.92	22.96	1835.92	-11.91	589.94	1234.07	865.96
1060	39	1296	13.00	136.19	6.92	14.71	128.40	-30.75	548.42	-199.10	-17.80	367.12	320.40
		1295	41.71	217.90	-15.36	208.97	-6.44	44.74	2514.69	1731.58	2344.33	1901.93	323.09
		1343	43.89	124.51	-210.99	-51.91	-34.57	-167.52	2202.34	275.44	1692.39	785.39	850.05
		1344	34.16	197.48	9.11	12.10	194.48	23.57	1780.34	-11.82	567.87	1200.65	838.37
1060	71	1296	12.98	136.48	6.48	14.11	128.86	-30.55	543.64	-197.95	-19.08	364.77	317.26
		1295	41.66	217.34	-15.83	208.22	-6.71	45.21	2511.43	1734.27	2343.62	1902.07	319.77
		1343	43.82	124.05	-210.89	-52.13	-34.72	-167.24	2199.53	277.22	1691.26	785.48	847.77
		1344	34.12	198.06	9.05	12.05	195.06	23.62	1776.07	-11.84	566.17	1198.06	836.26
1061	32	1272	14.62	183.47	-4.70	-4.62	183.38	4.02	357.48	-134.51	-42.99	265.96	191.44
		1296	15.90	128.84	9.09	14.15	123.78	24.09	736.15	116.59	287.97	564.76	277.15
		1344	28.53	135.20	3.40	11.07	127.53	-30.85	1675.48	-262.50	409.72	1003.26	922.42
		1297	30.30	214.44	-4.57	-2.94	212.81	18.82	1256.57	-148.37	-14.81	1123.01	412.07
1061	64	1272	14.35	193.13	-4.49	-4.39	193.04	4.30	312.96	-149.41	-48.10	211.64	191.26
		1296	15.59	134.21	9.19	14.12	129.28	24.33	702.05	101.26	284.67	518.63	276.68
		1344	28.30	140.53	3.60	10.94	133.18	-30.85	1645.09	-282.23	406.11	956.75	923.50
		1297	29.71	217.30	-4.55	-2.90	215.65	19.05	1207.88	-155.76	-16.10	1068.22	413.45
1061	96	1272	14.33	193.86	-4.47	-4.38	193.76	4.33	309.70	-150.56	-48.48	207.62	191.21
		1296	15.57	134.61	9.19	14.11	129.69	24.35	699.56	100.11	284.43	515.24	276.61
		1344	28.28	140.93	3.61	10.93	133.60	-30.85	1642.85	-283.68	405.84	953.33	923.55
		1297	29.67	217.53	-4.54	-2.90	215.88	19.07	1204.27	-156.32	-16.21	1064.16	413.52
1062	8	1345	90.36	143.61	-81.12	142.54	-80.05	15.51	652.47	-5292.87	-55.21	-4585.19	-1925.26
		1370	42.34	100.61	47.88	89.07	59.42	21.80	2819.79	409.29	763.54	2465.54	853.48
		1371	24.95	44.96	-1.98	-0.24	43.23	8.85	290.83	-1359.06	-11.18	-1057.05	-638.02
		1346	14.07	-33.96	-137.33	-93.85	-77.44	-51.03	349.48	-362.07	-103.47	90.88	342.25
1062	40	1345	93.83	149.55	-85.93	148.23	-84.62	17.54	667.40	-5506.01	-81.54	-4757.07	-2015.59
		1370	41.48	108.07	49.75	96.04	61.79	23.60	2780.86	483.55	778.23	2486.18	768.20
		1371	25.28	46.20	-3.10	-1.23	44.32	9.43	317.08	-1358.68	5.82	-1047.41	-651.70
		1346	13.00	-39.88	-138.66	-95.15	-83.39	-49.04	218.62	-431.05	-121.93	-90.50	324.46
1062	72	1345	94.10	149.99	-86.29	148.66	-84.96	17.70	668.54	-5522.36	-83.56	-4770.26	-2022.50
		1370	41.42	108.64	49.89	96.56	61.97	23.74	2778.04	489.07	779.34	2487.77	761.68
		1371	25.31	46.29	-3.19	-1.30	44.40	9.48	319.09	-1358.63	7.12	-1046.67	-652.74
		1346	12.93	-40.32	-138.76	-95.25	-83.83	-48.89	209.36	-437.12	-123.35	-104.42	323.10
1063	27	1370	18.18	95.37	-37.25	94.97	-36.85	7.28	333.10	-723.72	203.39	-594.02	-346.77
		1369	27.45	181.27	54.58	151.90	83.95	-53.46	1522.42	461.22	1514.58	469.05	-90.87
		1372	22.53	56.75	-36.55	-25.85	46.05	-29.73	817.13	-728.33	781.84	-693.04	-230.85
		1371	10.61	28.91	21.27	21.54	28.64	-1.41	684.35	38.36	606.92	115.79	-209.82
1063	59	1370	17.75	82.25	-40.02	81.28	-39.05	10.84	342.19	-733.19	196.99	-587.98	-367.51
		1369	26.67	158.20	49.76	136.53	71.43	-43.36	1524.53	503.48	1508.87	519.14	-125.48
		1372	21.07	44.32	-32.33	-24.92	36.90	-22.65	761.34	-705.78	715.73	-660.17	-254.63
		1371	9.63	30.44	23.62	24.03	30.02	-1.63	605.82	23.46	531.06	98.22	-194.81
1063	91	1370	17.72	81.29	-40.24	80.26	-39.21	11.11	342.92	-733.91	196.54	-587.53	-369.05
		1369	26.62	156.48	49.38	135.39	70.48	-42.60	1524.85	506.58	1508.48	522.95	-128.07
		1372	20.96	43.38	-32.02	-24.85	36.21	-22.12	757.18	-704.13	710.72	-657.67	-256.39
		1371	9.55	30.55	23.79	24.22	30.13	-1.64	599.89	22.31	525.31	96.88	-193.68
1064	7	1369	57.38	221.10	139.73	199.56	161.27	35.90	1214.54	-2922.08	92.33	-1799.86	1839.24
		40	266.85	247.98	-162.67	230.05	-144.75	-83.91	1.723e+04	717.99	1.311e+04	4832.77	-7142.13
		1368	93.57	-69.78	-157.72	-128.22	-99.28	41.52	-1598.07	-6470.13	-6185.77	-1882.43	1142.16
		1372	72.66	80.04	-6.12	-5.99	79.91	3.30	4782.60	-13.90	3426.40	1342.30	-2160.03
1064	39	1369	55.63	180.20	122.59	160.79	142.00	27.23	843.87	-3172.54	-467.98	-1860.69	1883.61
		40	253.48	213.60	-147.39	197.30	-131.09	-74.96	1.646e+04	722.41	1.253e+04	4648.06	-6808.21
		1368	95.50	-42.94	-158.13	-121.93	-79.13	53.47	-1496.48	-6539.32	-6105.39	-1930.41	1414.19
		1372	73.69	67.23	-5.64	-5.57	67.16	-2.31	4911.23	40.11	3530.00	1421.34	-2195.53
1064	71	1369	55.73	177.12	121.23	157.83	140.53	26.57	816.79	-3192.92	-510.79	-1865.34	1886.99
		40	252.46	210.98	-146.23	194.80	-130.05	-74.28	1.640e+04	722.75	1.249e+04	4633.94	-6782.68
		1368	95.68	-40.88	-158.16	-121.45	-77.59	54.38	-1487.56	-6545.78	-6099.27	-1934.07	1434.99
		1372	73.77	66.29	-5.64	-5.54	66.18	-2.74	4921.04	44.24	3537.90	1427.38	-2198.23
1065	27	1346	16.02	13.62	-78.19	9.35	-73.92	-19.34	7.52	-803.37	5.89	-801.74	36.38
		1371	12.77	50.34	-16.29	-5.34	39.39	-24.69	416.08	-451.57	394.74	-430.23	-134.39
		1373	8.53	21.56	-15.19	-8.33	14.70	-14.32	152.47	-414.93	148.26	-410.73	-48.66
		1347	7.41	-7.53	-38.11	-10.47	-35.18	-9.01	7.82	-376.86	-9.68	-359.36	-80.16
1065	59	1346	15.72	12.30	-74.68	9.31	-71.69	-15.85	1.89	-791.94	1.30	-791.35	21.62
		1371	12.23	42.79	-15.32	-7.00	34.47	-20.36	420.40	-422.86	392.28	-394.75	-151.40
		1373	7.72	16.87	-14.07	-7.75	10.55	-12.47	145.44	-384.67	137.38	-376.61	-64.86

		1347	7.01	-6.04	-34.94	-8.52	-32.45	-8.10	-8.62	-365.72	-24.19	-350.15	-72.92
1065	91	1346	15.70	12.21	-74.44	9.31	-71.54	-15.59	1.49	-791.11	0.96	-790.58	20.55
		1371	12.20	42.23	-15.25	-7.12	34.10	-20.03	420.77	-420.71	392.10	-392.05	-152.64
		1373	7.66	16.52	-13.98	-7.70	10.24	-12.33	144.97	-382.42	136.56	-374.02	-66.06
		1347	6.99	-5.93	-34.71	-8.37	-32.26	-8.03	-9.85	-364.90	-25.28	-349.47	-72.39
1066	7	1371	12.39	36.65	-4.66	1.85	30.14	-15.05	393.40	-465.26	391.09	-462.95	-44.47
		1372	26.41	77.49	-14.04	-13.67	77.12	-5.82	1487.42	-252.48	1243.77	-8.83	-603.78
		1374	16.77	44.97	-11.72	-8.29	41.55	13.50	380.94	-711.23	157.20	-487.48	-440.80
		1373	10.89	29.09	-26.55	-21.09	23.63	-16.55	340.67	-375.39	323.75	-358.48	-108.75
1066	39	1371	11.09	27.82	0.19	4.66	23.35	-10.18	301.24	-483.87	295.79	-478.42	-65.20
		1372	24.17	63.66	-12.10	-12.09	63.65	-0.80	1369.65	-215.13	1149.24	5.28	-548.38
		1374	15.24	34.70	-12.45	-6.34	28.60	15.83	353.77	-645.04	165.61	-456.88	-390.55
		1373	10.21	22.44	-22.97	-17.87	17.34	-14.34	353.72	-345.07	331.16	-322.51	-123.52
1066	71	1371	11.00	27.15	0.56	4.88	22.83	-9.81	294.29	-485.36	288.52	-479.60	-66.78
		1372	24.00	62.62	-11.97	-11.97	62.62	-0.42	1360.67	-212.28	1142.03	6.36	-544.16
		1374	15.13	33.98	-12.57	-6.20	27.61	16.00	351.72	-640.03	166.23	-454.55	-386.72
		1373	10.16	21.94	-22.70	-17.62	16.86	-14.17	354.72	-342.80	331.69	-319.77	-124.63
1067	7	1372	23.32	134.40	-27.83	7.04	99.52	66.65	546.35	-685.67	302.50	-441.83	-490.88
		1368	33.45	-18.76	-126.17	-42.25	-102.69	44.40	1271.33	-1060.35	560.88	-349.89	-1073.22
		586	16.34	90.47	-32.78	65.87	-8.18	49.25	-4.05	-731.77	-578.23	-157.59	-296.92
		1374	24.57	16.77	-11.92	-8.40	13.25	9.41	950.70	-853.23	411.94	-314.47	-825.61
1067	39	1372	21.45	116.97	-22.45	7.50	87.02	57.26	593.89	-586.07	400.53	-392.71	-436.77
		1368	32.11	-22.69	-109.10	-38.08	-93.71	33.06	1328.48	-961.57	660.19	-293.28	-1041.06
		586	15.21	88.74	-24.81	65.26	-1.33	45.99	12.91	-667.39	-542.43	-112.05	-263.43
		1374	22.98	2.94	-16.93	-12.68	-1.30	8.14	934.38	-765.09	446.11	-276.82	-769.02
1067	71	1372	21.32	115.64	-22.04	7.54	86.06	56.54	597.71	-578.66	408.00	-388.95	-432.64
		1368	32.01	-22.96	-107.82	-37.76	-93.03	32.19	1332.88	-954.06	667.76	-288.95	-1038.60
		586	15.13	88.61	-24.20	65.21	-0.80	45.74	14.28	-662.54	-539.69	-108.57	-260.87
		1374	22.86	1.92	-17.35	-13.01	-2.42	8.05	933.15	-758.38	448.71	-273.94	-764.70
1068	7	1347	7.37	3.23	-20.23	-1.16	-15.84	-9.15	17.26	-423.21	14.88	-420.83	-32.28
		1373	10.10	28.51	-16.05	-10.27	22.72	-14.98	253.74	-448.59	212.27	-407.12	-165.55
		1375	7.38	18.26	-7.95	-5.21	15.51	-8.03	104.80	-406.00	40.17	-341.37	-169.81
		1348	5.48	4.59	-4.83	-2.44	2.20	-4.10	10.98	-356.92	-6.53	-339.42	-78.32
1068	39	1347	7.18	1.98	-25.42	-0.18	-23.27	-7.37	-0.30	-396.98	-1.26	-396.02	-19.49
		1373	9.04	20.54	-15.31	-9.53	14.76	-13.19	233.63	-411.95	197.60	-375.92	-148.20
		1375	6.41	10.64	-7.40	-4.38	7.62	-6.73	98.66	-363.74	42.40	-307.48	-151.17
		1348	5.24	0.12	-6.72	-1.41	-5.19	-2.85	8.82	-325.13	-4.31	-312.00	-64.92
1068	71	1347	7.17	1.93	-25.87	-0.10	-23.84	-7.24	-1.61	-395.02	-2.49	-394.14	-18.55
		1373	8.96	19.94	-15.26	-9.47	14.15	-13.05	232.11	-409.17	196.48	-373.54	-146.90
		1375	6.34	10.08	-7.37	-4.31	7.02	-6.64	98.20	-360.53	42.56	-304.89	-149.76
		1348	5.23	-0.01	-7.07	-1.33	-5.76	-2.75	8.67	-322.74	-4.16	-309.91	-63.92
1069	7	1373	10.48	28.27	-18.21	-15.66	25.72	-10.58	220.04	-468.97	182.64	-431.57	-156.12
		1374	16.65	28.37	-12.40	-10.14	26.11	9.34	570.79	-589.16	318.60	-336.97	-478.46
		1376	9.82	17.16	-4.67	-4.47	16.96	-2.11	206.10	-507.51	-22.75	-278.66	-333.07
		1375	8.21	20.30	-9.27	-7.01	18.04	-7.86	138.28	-432.97	56.93	-351.62	-199.64
1069	39	1373	9.52	20.72	-15.06	-12.57	18.23	-9.11	218.30	-426.84	190.98	-399.52	-129.93
		1374	15.47	22.70	-9.92	-6.91	19.69	9.44	557.44	-530.57	327.11	-300.24	-444.47
		1376	8.71	10.17	-3.35	-3.28	10.10	-0.99	197.45	-443.42	-7.53	-238.44	-298.91
		1375	7.25	12.08	-7.93	-5.96	10.11	-5.96	137.55	-382.50	71.09	-316.03	-173.63
1069	71	1373	9.45	20.15	-14.83	-12.33	17.65	-9.00	218.20	-423.68	191.59	-397.07	-127.95
		1374	15.38	22.28	-9.75	-6.66	19.20	9.45	556.42	-526.11	327.74	-297.43	-441.88
		1376	8.63	9.64	-3.25	-3.19	9.57	-0.91	196.79	-438.53	-6.37	-235.37	-296.31
		1375	7.17	11.46	-7.84	-5.88	9.50	-5.82	137.52	-378.68	72.16	-313.32	-171.66
1070	7	1374	19.34	39.87	-18.35	-0.27	21.79	26.94	540.48	-745.93	108.13	-313.58	-607.67
		586	13.56	51.11	-53.17	49.60	-51.66	-12.46	323.77	-551.29	-83.85	-143.67	-436.51
		1367	8.41	-24.08	-44.60	-35.59	-33.09	-10.18	93.38	-405.55	-223.75	-88.41	-240.11
		1376	11.65	30.63	-0.87	3.79	25.97	-11.18	244.80	-579.29	-84.93	-249.56	-403.74
1070	39	1374	17.91	30.77	-19.36	-3.33	14.73	23.38	540.84	-667.41	143.21	-269.78	-567.74
		586	12.52	53.96	-41.64	51.65	-39.34	-14.67	302.55	-485.50	-52.86	-130.10	-392.13
		1367	6.90	-18.86	-33.79	-31.37	-21.27	-5.50	90.60	-337.18	-174.74	-71.84	-207.61
		1376	10.62	21.81	0.78	4.24	18.35	-7.80	269.40	-500.80	-29.80	-201.60	-375.39
1070	71	1374	17.80	30.07	-19.44	-3.56	14.19	23.11	540.87	-661.42	145.88	-266.43	-564.69
		586	12.45	54.19	-40.78	51.81	-38.40	-14.84	300.94	-480.50	-50.49	-129.07	-388.74
		1367	6.79	-18.30	-33.12	-31.04	-20.37	-5.15	90.39	-331.98	-171.01	-70.57	-205.12
		1376	10.54	21.14	0.90	4.27	17.77	-7.54	271.28	-494.82	-25.60	-197.93	-373.23
1071	7	1348	5.96	7.31	-0.89	-0.68	7.10	-1.28	4.54	-374.27	-10.29	-359.44	-73.47
		1375	7.73	17.00	-6.38	-5.33	15.95	-4.85	118.25	-411.56	47.14	-340.45	-180.61
		1377	6.04	17.71	-2.54	-1.25	16.43	-4.94	34.86	-359.42	-38.19	-286.37	-153.18
		1349	5.80	14.70	-0.12	0.05	14.53	-1.58	7.02	-341.74	-14.44	-320.29	-83.80
1071	39	1348	5.23	0.38	-3.88	-0.28	-3.23	-1.54	1.93	-335.11	-7.87	-325.32	-56.63
		1375	6.70	10.15	-6.37	-4.48	8.27	-5.25	112.20	-368.74	49.47	-306.01	-161.97
		1377	5.07	10.31	-2.62	-0.83	8.52	-4.47	33.37	-314.94	-30.64	-250.93	-134.89
		1349	4.73	4.18	-0.27	-0.07	3.98	-0.93	8.61	-300.62	-6.84	-285.17	-67.37
1071	71	1348	5.22	0.32	-4.58	-0.24	-4.02	-1.56	1.75	-332.16	-7.70	-322.71	-55.36
		1375	6.62	9.66	-6.40	-4.42	7.68	-5.28	111.74	-365.48	49.64	-303.37	-160.57
		1377	5.00	9.78	-2.66	-0.80	7.92	-4.43	33.26	-311.55	-30.06	-248.22	-133.51
		1349	4.65	3.40	-0.30	-0.08	3.17	-0.88	8.75	-297.51	-6.27	-282.49	-66.13

1072	7	1375	8.03	17.47	-6.84	-6.26	16.89	-3.71	111.29	-429.73	35.00	-353.44	-188.30
		1376	9.68	12.48	-6.16	-6.16	12.47	0.25	249.11	-458.46	21.40	-230.76	-330.56
		1378	6.33	14.31	-2.87	1.05	10.38	-7.21	76.66	-347.69	-100.84	-170.19	-209.33
		1377	5.93	20.41	-3.65	-0.79	17.56	-7.78	10.00	-373.80	-68.50	-295.29	-154.81
1072	39	1375	6.98	10.19	-6.09	-5.19	9.28	-3.72	111.36	-378.47	49.98	-317.08	-162.17
		1376	8.81	9.60	-4.10	-4.09	9.60	-0.07	237.30	-413.51	34.18	-210.39	-301.56
		1378	5.55	10.80	-1.51	2.23	7.07	-5.66	75.89	-301.32	-77.93	-147.49	-185.37
		1377	5.04	12.16	-3.49	-0.83	9.50	-5.88	21.63	-320.60	-42.43	-256.54	-133.49
1072	71	1375	6.90	9.64	-6.05	-5.11	8.70	-3.73	111.39	-374.58	51.12	-314.31	-160.18
		1376	8.74	9.38	-3.94	-3.94	9.38	-0.10	236.41	-410.09	35.15	-208.83	-299.35
		1378	5.49	10.55	-1.41	2.32	6.82	-5.54	75.84	-297.79	-76.19	-145.76	-183.55
		1377	4.99	11.54	-3.49	-0.83	8.89	-5.73	22.53	-316.56	-40.45	-253.58	-131.87
1073	7	1376	10.84	14.13	-3.90	-3.78	14.01	1.46	242.28	-548.80	-99.26	-207.26	-391.83
		1367	6.43	4.19	-10.05	-9.02	3.16	-3.69	92.34	-345.00	-160.37	-92.28	-216.00
		585	3.10	29.58	15.90	29.26	16.22	-2.07	10.31	-149.31	-100.50	-38.50	-73.54
		1378	7.33	15.60	-3.91	4.05	7.64	-9.59	71.36	-403.00	-169.05	-162.59	-237.16
1073	39	1376	10.32	11.42	-3.49	-2.55	10.48	3.64	260.92	-487.85	-47.82	-179.10	-368.59
		1367	5.74	0.14	-10.15	-8.10	-1.91	-4.11	98.02	-293.60	-121.08	-74.49	-194.42
		585	2.83	28.32	10.69	28.04	10.98	-2.24	46.01	-126.89	-59.13	-21.76	-84.41
		1378	6.58	11.62	-4.30	3.44	3.88	-7.96	86.85	-347.78	-125.55	-135.37	-217.26
1073	71	1376	10.29	11.26	-3.51	-2.45	10.21	3.80	262.37	-483.23	-43.90	-176.95	-366.82
		1367	5.69	-0.12	-10.20	-8.03	-2.29	-4.14	98.48	-289.68	-118.08	-73.13	-192.77
		585	2.81	28.23	10.29	27.94	10.58	-2.25	48.84	-125.30	-55.98	-20.48	-85.24
		1378	6.52	11.33	-4.34	3.39	3.60	-7.83	88.05	-343.58	-122.24	-133.29	-215.74
1074	7	1349	5.92	15.60	0.04	0.30	15.33	2.01	1.65	-342.37	-16.35	-324.37	-76.61
		1377	6.04	16.43	-1.63	-1.44	16.24	-1.84	39.58	-346.32	-32.57	-274.18	-150.45
		1379	4.36	21.60	-1.79	-0.42	20.24	-5.48	-51.60	-257.51	-65.33	-243.78	-51.36
		1350	5.42	20.78	0.65	0.65	20.78	0.01	-13.05	-299.84	-14.90	-298.00	-22.94
1074	39	1349	4.75	4.31	-0.07	0.07	4.17	0.76	4.19	-300.20	-8.54	-287.47	-60.93
		1377	5.10	9.73	-1.85	-0.91	8.79	-3.16	37.51	-308.92	-26.30	-245.11	-134.29
		1379	3.65	14.58	-2.15	-0.10	12.53	-5.48	-37.89	-234.29	-58.11	-214.07	-59.68
		1350	4.40	9.37	0.21	0.21	9.37	0.03	-2.43	-264.17	-6.15	-260.45	-30.96
1074	71	1349	4.66	3.45	-0.08	0.05	3.32	0.66	4.40	-297.00	-7.95	-284.65	-59.75
		1377	5.02	9.27	-1.92	-0.87	8.22	-3.26	37.36	-306.07	-25.82	-242.89	-133.07
		1379	3.60	14.07	-2.20	-0.07	11.95	-5.48	-36.78	-232.58	-57.56	-211.79	-60.31
		1350	4.32	8.50	0.18	0.18	8.50	0.04	-1.59	-261.47	-5.48	-257.58	-31.57
1075	5	1377	4.16	0.26	-11.47	-1.76	-9.46	-4.43	54.43	-207.19	18.26	-171.02	-90.30
		1378	6.15	9.50	-8.01	4.78	-3.29	-7.77	154.09	-259.17	-7.23	-97.85	-201.60
		1380	3.98	11.48	-11.37	1.56	-1.45	-11.33	50.75	-171.85	-50.35	-70.75	-110.83
		1379	3.71	4.15	-9.85	-0.28	-5.41	-6.51	35.94	-186.15	-17.59	-132.63	-94.98
1075	37	1377	4.29	1.55	-6.61	-1.44	-3.62	-3.93	42.19	-239.90	-0.86	-196.85	-101.44
		1378	5.56	10.24	-4.35	4.49	1.41	-7.13	115.32	-258.44	-29.43	-113.69	-182.07
		1380	3.54	13.54	-8.32	1.83	3.40	-10.90	16.83	-171.84	-67.78	-87.24	-93.83
		1379	3.32	6.34	-5.56	0.19	0.58	-5.95	1.14	-197.27	-37.02	-159.11	-78.20
1075	69	1377	4.30	1.70	-6.29	-1.42	-3.17	-3.90	41.25	-242.41	-2.33	-198.83	-102.29
		1378	5.52	10.33	-4.10	4.46	1.77	-7.09	112.37	-258.40	-31.12	-114.91	-180.59
		1380	3.51	13.72	-8.10	1.85	3.77	-10.87	14.24	-171.85	-69.11	-88.50	-92.54
		1379	3.30	6.56	-5.28	0.23	1.05	-5.91	-1.45	-198.20	-38.51	-161.14	-76.92
1076	5	1378	6.43	1.53	-14.48	0.71	-13.66	-3.53	186.43	-271.48	-14.11	-70.94	-227.18
		585	5.98	53.30	0.79	27.79	26.31	-26.25	152.19	-115.90	28.03	8.26	-133.68
		1366	2.30	14.82	-8.68	-8.22	14.36	-3.24	68.78	-66.82	-1.90	3.86	-67.74
		1380	4.11	15.42	-5.47	5.44	4.51	-10.44	84.05	-161.56	-28.48	-49.03	-122.37
1076	37	1378	5.94	2.46	-9.54	1.81	-8.88	-2.72	143.59	-281.52	-47.66	-90.26	-211.48
		585	5.42	50.07	-1.14	27.02	21.92	-25.48	114.91	-122.16	-3.95	-3.31	-118.54
		1366	2.33	12.17	-11.88	-10.00	10.29	-6.45	34.89	-76.78	-33.75	-8.15	-54.35
		1380	4.00	20.94	-5.63	5.69	9.62	-13.14	43.15	-173.82	-61.89	-68.78	-108.43
1076	69	1378	5.91	2.54	-9.16	1.90	-8.51	-2.66	140.32	-282.30	-50.23	-91.75	-210.29
		585	5.38	49.83	-1.30	26.96	21.58	-25.42	112.09	-122.68	-6.40	-4.19	-117.38
		1366	2.34	12.00	-12.17	-10.14	9.98	-6.70	32.40	-77.65	-36.18	-9.07	-53.33
		1380	4.00	21.39	-5.66	5.70	10.02	-13.35	40.04	-174.78	-64.45	-70.30	-107.37
1077	7	1350	5.28	19.37	0.15	0.40	19.12	2.19	-12.62	-293.75	-13.85	-292.52	-18.62
		1379	4.45	23.26	-0.59	-0.09	22.76	-3.42	-46.75	-252.81	-62.21	-237.35	-54.29
		1381	4.45	29.82	-1.28	0.15	28.39	-6.52	-71.45	-226.78	-72.00	-226.22	9.28
		1351	5.39	25.95	0.60	0.65	25.90	1.07	-10.49	-279.12	-10.49	-279.12	-0.14
1077	39	1350	4.32	8.70	-0.04	0.10	8.56	1.08	-3.08	-260.62	-5.77	-257.93	-26.19
		1379	3.73	15.42	-1.31	0.06	14.05	-4.58	-34.18	-232.87	-55.79	-211.26	-61.86
		1381	3.64	21.76	-2.10	0.12	19.55	-6.92	-65.41	-199.63	-65.42	-199.61	1.45
		1351	4.41	15.24	0.17	0.20	15.20	0.72	-2.00	-244.28	-2.26	-244.01	-7.98
1077	71	1350	4.25	7.88	-0.05	0.08	7.75	1.00	-2.32	-258.11	-5.16	-255.28	-26.77
		1379	3.68	14.86	-1.40	0.07	13.39	-4.67	-33.16	-231.40	-55.30	-209.27	-62.43
		1381	3.58	21.17	-2.18	0.11	18.87	-6.95	-64.91	-197.58	-64.92	-197.58	0.85
		1351	4.33	14.42	0.14	0.17	14.38	0.70	-1.32	-241.63	-1.63	-241.33	-8.58
1078	7	1379	4.24	22.79	0.48	1.19	22.07	-3.92	-86.71	-253.35	-99.45	-240.61	-44.28
		1380	2.91	23.66	-2.65	1.53	19.48	-9.62	-65.80	-192.39	-122.97	-135.21	-63.00
		1382	3.06	29.80	-4.49	3.20	22.11	-14.30	-121.81	-139.53	-134.24	-127.10	8.11
1078	37	1381	4.41	31.65	-1.41	1.23	29.01	-8.96	-108.73	-228.65	-109.81	-227.57	11.30
		1379	3.34	5.50	-6.41	-0.29	-0.62	-5.95	-0.03	-197.34	-35.69	-161.68	-75.92

		1380	3.59	16.51	-7.20	2.29	7.03	-11.62	16.97	-173.53	-66.01	-90.55	-94.46
		1382	1.98	18.66	-6.90	2.68	9.08	-12.37	-54.69	-105.98	-79.77	-80.90	-25.64
		1381	2.22	10.42	-4.98	-0.28	5.73	-7.09	-43.75	-151.90	-48.54	-147.11	-22.25
1078	69	1379	3.31	5.70	-6.06	-0.24	-0.12	-5.88	-2.48	-198.21	-37.15	-163.55	-74.72
		1380	3.55	16.60	-7.03	2.28	7.29	-11.55	14.60	-173.52	-67.30	-91.62	-93.27
		1382	1.96	18.87	-6.80	2.71	9.36	-12.39	-57.09	-105.93	-81.01	-82.01	-24.41
		1381	2.27	10.82	-4.81	-0.24	6.25	-7.11	-45.66	-153.28	-49.94	-149.01	-21.02
1079	27	1380	4.50	28.81	-7.98	0.56	20.27	-15.53	-17.70	-232.49	-140.02	-110.18	-106.35
		1366	3.63	30.97	-12.43	-4.53	23.07	-16.75	2.24	-129.89	-104.09	-23.56	-52.38
		584	2.16	36.51	4.92	20.81	20.62	-15.79	-21.45	-81.58	-77.40	-25.62	-15.28
		1382	2.70	29.73	-5.43	1.65	22.65	-14.10	-96.16	-160.50	-148.10	-108.56	-25.38
1079	59	1380	3.97	23.02	-5.96	1.05	16.00	-12.42	-5.47	-207.64	-114.59	-98.52	-100.76
		1366	2.95	21.74	-12.26	-5.05	14.54	-13.89	3.79	-106.65	-79.75	-23.12	-47.41
		584	1.87	31.05	0.76	19.57	12.24	-14.69	-16.82	-60.10	-56.97	-19.95	-11.22
		1382	2.31	25.59	-5.19	1.88	18.52	-12.94	-86.76	-137.31	-126.61	-97.45	-20.65
1079	91	1380	3.93	22.59	-5.82	1.09	15.68	-12.19	-4.53	-205.79	-112.67	-97.64	-100.35
		1366	2.90	21.06	-12.25	-5.09	13.90	-13.68	3.95	-104.94	-77.91	-23.08	-47.04
		584	1.85	30.68	0.41	19.48	11.61	-14.61	-16.46	-58.49	-55.43	-19.53	-10.93
		1382	2.28	25.28	-5.17	1.90	18.21	-12.86	-86.03	-135.57	-125.00	-96.61	-20.30
1080	7	1351	5.28	25.24	0.22	0.47	24.99	2.48	-9.15	-274.22	-9.35	-274.01	7.34
		1381	4.38	29.85	-0.64	0.34	28.87	-5.39	-69.31	-221.59	-70.01	-220.89	10.29
		1383	5.50	37.85	-2.06	-0.15	35.94	-8.52	-35.07	-257.82	-69.62	-223.27	80.64
		1352	5.79	34.26	0.38	0.46	34.17	1.68	-0.11	-275.81	-4.00	-271.92	32.53
1080	39	1351	4.35	14.94	-0.01	0.13	14.80	1.42	-1.72	-241.70	-1.74	-241.69	-1.84
		1381	3.62	21.97	-1.65	0.27	20.05	-6.46	-64.08	-197.33	-64.09	-197.32	0.92
		1383	4.72	29.69	-2.83	-0.17	27.02	-8.92	-34.91	-228.75	-64.32	-199.33	69.54
		1352	4.82	23.95	0.05	0.12	23.88	1.29	4.89	-241.14	2.97	-239.22	21.66
1080	71	1351	4.28	14.15	-0.03	0.10	14.03	1.34	-1.13	-239.24	-1.16	-239.22	-2.55
		1381	3.57	21.40	-1.76	0.26	19.38	-6.54	-63.63	-195.52	-63.63	-195.52	0.20
		1383	4.66	29.08	-2.91	-0.17	26.34	-8.95	-34.90	-226.52	-63.92	-197.50	68.69
		1352	4.75	23.17	0.03	0.10	23.10	1.26	5.29	-238.51	3.50	-236.72	20.82
1081	7	1381	4.27	29.53	-0.56	1.09	27.89	-6.84	-105.81	-224.14	-107.90	-222.05	15.59
		1382	3.36	38.82	-0.79	5.03	33.00	-14.02	-112.06	-138.59	-132.59	-118.06	11.10
		1384	4.69	42.12	-4.16	2.63	35.33	-16.37	-51.98	-210.13	-138.87	-123.24	78.69
		1383	5.33	38.66	-1.39	0.76	36.51	-9.03	-69.78	-260.52	-108.29	-222.01	76.56
1081	39	1381	3.48	21.23	-1.75	0.54	18.94	-6.89	-85.05	-194.95	-85.18	-194.82	3.75
		1382	2.72	30.90	-3.09	4.35	23.46	-14.05	-105.64	-112.45	-112.31	-105.78	-0.97
		1384	4.03	34.34	-6.27	2.20	25.86	-16.51	-51.22	-179.33	-120.02	-110.53	63.88
		1383	4.51	30.47	-2.38	0.45	27.64	-9.22	-58.62	-222.73	-87.00	-194.35	62.06
1081	71	1381	3.42	20.62	-1.86	0.50	18.26	-6.89	-83.37	-192.82	-83.44	-192.74	2.84
		1382	2.67	30.32	-3.29	4.30	22.73	-14.06	-104.28	-111.32	-110.76	-104.83	-1.90
		1384	3.98	33.77	-6.46	2.17	25.14	-16.52	-51.17	-176.97	-118.58	-109.56	62.74
		1383	4.45	29.86	-2.47	0.43	26.97	-9.23	-57.75	-219.86	-85.38	-192.23	60.95
1082	7	1382	2.97	24.42	1.59	6.22	19.79	-9.18	-113.82	-171.88	-170.80	-114.91	7.88
		584	3.79	61.51	-6.09	20.88	34.54	-33.10	-26.15	-103.13	-103.02	-26.26	2.89
		1365	3.56	27.92	-25.90	-12.90	14.92	-23.04	-19.86	-154.56	-132.68	-41.74	49.68
		1384	5.77	58.20	-11.42	4.33	42.45	-29.13	-55.00	-221.94	-158.21	-118.74	81.10
1082	39	1382	2.28	17.00	-2.30	4.44	10.26	-9.20	-100.40	-137.52	-137.24	-100.68	-3.24
		584	3.24	58.78	-5.41	20.73	32.64	-31.54	-17.19	-72.00	-70.95	-18.24	-7.51
		1365	2.81	23.17	-20.97	-10.78	12.97	-18.60	-17.36	-122.18	-106.45	-33.08	37.43
		1384	4.89	47.96	-10.46	4.70	32.80	-25.61	-47.85	-186.80	-130.77	-103.88	68.16
1082	71	1382	2.23	16.48	-2.64	4.31	9.53	-9.20	-99.12	-135.16	-134.68	-99.59	-4.10
		584	3.24	58.58	-5.36	20.72	32.50	-31.43	-16.30	-69.84	-68.51	-17.62	-8.31
		1365	2.75	22.81	-20.60	-10.62	12.83	-18.26	-17.17	-119.70	-104.45	-32.42	36.49
		1384	4.83	47.19	-10.40	4.73	32.07	-25.34	-47.30	-184.10	-128.67	-102.74	67.16
1083	4	1352	5.50	27.99	9.39e-04	0.19	27.79	2.32	8.94	-276.38	-0.49	-266.95	51.02
		1383	5.51	35.82	-1.59	0.23	34.00	-8.05	-23.17	-262.11	-66.33	-218.94	91.93
		1385	7.32	44.85	-2.18	0.08	42.59	-10.06	38.73	-332.52	-63.57	-230.21	165.88
		1353	6.36	39.60	0.04	0.24	39.39	2.86	25.56	-294.48	4.60	-273.52	79.17
1083	36	1352	4.69	21.07	-0.11	9.10e-03	20.95	1.62	9.03	-241.38	4.62	-236.98	32.92
		1383	4.73	29.07	-2.58	0.05	26.43	-8.75	-30.19	-229.92	-62.65	-197.46	73.69
		1385	6.50	38.02	-3.14	-0.14	35.02	-10.70	28.86	-297.35	-60.16	-208.32	145.31
		1353	5.51	32.69	-0.13	0.02	32.54	2.23	22.45	-256.13	9.45	-243.13	58.76
1083	68	1352	4.63	20.54	-0.12	-5.14e-03	20.42	1.56	9.09	-238.77	5.01	-234.69	31.54
		1383	4.67	28.56	-2.68	0.04	25.85	-8.80	-30.71	-227.48	-62.37	-195.82	72.29
		1385	6.44	37.50	-3.23	-0.16	34.43	-10.75	28.11	-294.66	-59.90	-206.65	143.74
		1353	5.44	32.16	-0.14	4.20e-03	32.01	2.18	22.26	-253.25	9.82	-240.81	57.20
1084	8	1383	5.31	33.97	-0.78	0.91	32.28	-7.47	-48.02	-269.16	-98.89	-218.29	93.07
		1384	4.81	37.71	-4.64	2.53	30.54	-15.88	-35.21	-220.26	-130.47	-125.01	92.48
		1386	6.61	42.67	-5.44	3.58	33.65	-18.78	23.09	-295.79	-138.21	-134.50	159.43
		1385	7.03	44.72	-2.12	0.35	42.25	-10.47	6.10	-332.79	-97.57	-229.12	156.16
1084	40	1383	4.48	27.67	-2.06	0.43	25.18	-8.23	-48.20	-226.91	-82.38	-192.73	70.29
		1384	4.13	33.57	-6.55	2.20	24.82	-16.57	-44.02	-183.44	-115.95	-111.51	69.68
		1386	5.85	38.51	-7.23	3.37	27.91	-19.30	11.04	-255.57	-124.11	-120.42	133.29
		1385	6.12	38.27	-3.09	0.05	35.13	-10.96	1.35	-285.81	-81.48	-202.98	130.09
1084	72	1383	4.41	27.20	-2.17	0.39	24.63	-8.29	-48.16	-223.72	-81.11	-190.77	68.55
		1384	4.08	33.27	-6.71	2.18	24.38	-16.62	-44.69	-180.63	-114.84	-110.48	67.94

		1386	5.79	38.19	-7.38	3.35	27.47	-19.33	10.12	-252.50	-123.03	-119.34	131.29
		1385	6.05	37.78	-3.18	0.03	34.58	-10.99	1.00	-282.23	-80.24	-200.99	128.10
1085	4	1384	5.29	43.86	-8.65	1.06	34.15	-20.38	-45.51	-242.24	-167.27	-120.48	95.54
		1365	4.26	47.41	-13.59	-5.40	39.22	-20.80	-11.43	-174.85	-139.77	-46.51	67.10
		583	4.98	46.37	10.17	25.18	31.36	-17.83	22.27	-191.78	-125.53	-43.98	98.95
		1386	6.80	44.63	-4.58	2.82	37.22	-17.59	11.67	-323.47	-176.74	-135.06	166.27
1085	36	1384	4.42	37.26	-7.93	1.38	27.95	-18.28	-42.60	-196.54	-134.53	-104.61	75.50
		1365	3.24	33.57	-15.39	-6.64	24.81	-18.76	-15.58	-130.80	-108.47	-37.91	45.54
		583	4.25	39.62	1.62	23.88	17.37	-18.72	14.65	-148.16	-97.81	-35.70	75.24
		1386	6.11	40.29	-6.68	2.19	31.43	-18.38	11.26	-278.37	-147.60	-119.51	144.13
1085	68	1384	4.35	36.75	-7.88	1.41	27.47	-18.11	-42.37	-193.06	-132.04	-103.40	73.97
		1365	3.16	32.52	-15.55	-6.73	23.70	-18.61	-15.89	-127.45	-106.09	-37.25	43.89
		583	4.20	39.18	0.88	23.78	16.29	-18.78	14.06	-144.83	-95.71	-35.07	73.43
		1386	6.06	39.97	-6.85	2.14	30.98	-18.44	11.23	-274.94	-145.38	-118.33	142.44
1086	4	1353	6.40	38.86	-0.11	0.11	38.64	2.92	31.81	-298.80	4.96	-271.95	90.30
		1385	7.40	45.05	-2.24	0.03	42.78	-10.11	43.60	-235.12	-63.12	-228.39	170.38
		1387	9.56	56.01	-2.93	-0.26	53.35	-12.24	112.66	-415.21	-57.69	-244.86	246.79
		1354	7.51	53.35	-0.10	0.17	53.09	3.76	53.81	-325.66	10.92	-282.77	120.15
1086	36	1353	5.54	32.38	-0.19	-0.03	32.22	2.29	26.10	-259.05	9.61	-242.55	66.57
		1385	6.54	38.43	-3.13	-0.10	35.40	-10.80	30.10	-297.74	-59.96	-207.68	146.34
		1387	8.65	49.32	-3.80	-0.44	45.96	-12.92	96.20	-375.11	-55.12	-223.79	220.05
		1354	6.61	46.88	-0.21	1.77e-03	46.67	3.14	44.49	-282.54	14.96	-253.01	93.73
1086	68	1353	5.47	31.88	-0.20	-0.04	31.72	2.24	25.72	-256.07	9.96	-240.31	64.75
		1385	6.47	37.92	-3.21	-0.11	34.83	-10.85	29.07	-294.89	-59.72	-206.10	144.50
		1387	8.58	48.81	-3.87	-0.45	45.39	-12.98	94.95	-372.05	-54.92	-222.18	218.01
		1354	6.54	46.38	-0.22	-0.01	46.17	3.09	43.82	-279.29	15.27	-250.74	91.71
1087	4	1385	7.05	43.29	-2.24	0.07	40.98	-9.98	9.76	-339.18	-103.30	-226.11	163.30
		1386	7.06	52.17	-3.93	5.01	43.23	-20.54	27.50	-303.00	-143.36	-132.14	165.15
		1388	8.97	55.83	-6.84	2.79	46.20	-22.60	81.78	-386.88	-154.90	-150.19	234.32
		1387	9.00	55.97	-2.15	0.31	53.52	-11.68	71.38	-408.67	-96.27	-241.02	228.86
1087	36	1385	6.09	36.75	-3.11	-0.16	33.79	-10.45	3.17	-289.02	-84.21	-201.63	133.78
		1386	6.15	44.95	-6.56	4.35	34.04	-21.04	12.74	-258.71	-126.57	-119.40	135.68
		1388	8.03	49.15	-9.57	2.37	37.21	-23.63	63.68	-338.52	-138.08	-136.76	201.10
		1387	8.00	49.82	-3.28	0.02	46.52	-12.82	59.43	-354.82	-79.55	-215.84	195.60
1087	68	1385	6.01	36.25	-3.19	-0.17	33.23	-10.48	2.69	-285.21	-82.75	-199.77	131.52
		1386	6.09	44.41	-6.78	4.30	33.34	-21.08	11.61	-255.33	-125.29	-118.43	133.43
		1388	7.95	48.65	-9.80	2.34	36.51	-23.71	62.29	-334.83	-136.80	-135.74	198.56
		1387	7.93	49.35	-3.37	4.87e-04	45.98	-12.91	58.53	-350.71	-78.26	-213.92	193.05
1088	7	1386	6.52	38.66	-2.92	3.48	32.25	-15.01	22.33	-317.30	-167.35	-127.63	168.65
		583	6.37	81.52	-2.98	26.33	52.21	-40.22	15.42	-166.70	-119.20	-32.08	79.97
		1364	6.08	37.76	-27.71	-14.02	24.08	-26.63	20.34	-273.95	-195.44	-58.16	130.16
		1388	10.39	78.53	-13.13	4.10	61.29	-35.81	85.21	-398.69	-172.52	-140.96	241.43
1088	39	1386	5.76	29.05	-5.89	3.09	20.07	-15.27	18.38	-278.24	-143.54	-116.32	147.68
		583	5.72	76.55	-6.14	25.88	44.54	-40.28	7.76	-131.29	-96.57	-26.95	60.19
		1364	5.23	30.17	-26.05	-12.19	16.31	-24.23	12.03	-234.40	-170.20	-52.18	108.16
		1388	9.41	67.38	-13.54	4.83	49.01	-33.90	81.00	-355.87	-146.08	-128.79	218.26
1088	68	1386	5.74	26.10	-6.43	3.22	16.45	-14.86	18.57	-282.20	-145.75	-117.89	149.74
		583	5.72	74.78	-6.38	26.17	42.22	-39.78	7.74	-134.83	-98.74	-28.35	61.99
		1364	5.19	27.69	-25.35	-11.64	13.98	-23.22	12.03	-237.74	-172.06	-53.64	109.95
		1388	9.33	63.86	-13.41	5.10	45.35	-32.98	81.27	-359.68	-148.00	-130.41	220.30
1089	4	1354	7.60	52.09	-0.33	-0.07	51.83	3.71	61.83	-334.11	11.01	-283.28	132.44
		1387	9.73	57.50	-2.83	-0.07	54.75	-12.59	117.10	-420.12	-57.80	-245.22	251.73
		1389	12.02	70.77	-3.18	-0.21	67.79	-14.52	189.71	-500.77	-49.62	-261.43	328.59
		1355	8.82	69.61	-0.37	0.04	69.20	5.34	86.31	-362.45	16.54	-292.68	162.61
1089	36	1354	6.67	46.32	-0.32	-0.11	46.11	3.15	49.43	-288.00	14.99	-253.55	102.16
		1387	8.72	50.33	-3.70	-0.28	46.91	-13.15	97.07	-376.65	-55.31	-224.28	221.28
		1389	10.98	63.68	-4.15	-0.48	60.01	-15.34	166.85	-454.30	-47.40	-240.05	295.26
		1355	7.86	63.85	-0.37	-0.05	63.53	4.53	70.57	-312.82	20.26	-262.51	129.45
1089	68	1354	6.60	45.87	-0.32	-0.11	45.66	3.11	48.54	-284.53	15.29	-251.28	99.84
		1387	8.64	49.78	-3.77	-0.30	46.31	-13.19	95.54	-373.33	-55.11	-222.68	218.95
		1389	10.90	63.13	-4.23	-0.50	59.41	-15.41	165.10	-450.75	-47.23	-238.42	292.71
		1355	7.78	63.41	-0.37	-0.06	63.09	4.46	69.41	-309.07	20.55	-260.21	126.92
1090	4	1387	9.11	55.31	-2.36	-0.07	53.02	-11.26	76.41	-418.32	-100.78	-241.13	237.20
		1388	9.16	56.64	-7.74	2.50	46.39	-23.55	87.66	-391.50	-154.98	-148.86	239.56
		1390	11.42	64.16	-7.36	5.96	50.84	-27.84	148.06	-478.54	-165.15	-165.32	313.30
		1389	11.27	70.35	-4.23	-1.61	67.73	-13.72	137.42	-490.80	-94.43	-258.95	303.14
1090	36	1387	8.03	48.74	-3.31	-0.24	45.67	-12.28	62.25	-360.09	-81.73	-216.10	200.20
		1388	8.15	50.84	-10.01	2.29	38.54	-24.43	65.51	-340.23	-138.40	-136.33	202.86
		1390	10.34	58.94	-10.29	5.55	43.11	-29.08	122.34	-422.45	-148.16	-151.94	272.39
		1389	10.13	63.99	-4.71	-1.21	60.49	-15.10	119.60	-427.63	-74.96	-233.07	261.94
1090	68	1387	7.95	48.25	-3.40	-0.25	45.10	-12.35	61.18	-355.65	-80.28	-214.19	197.37
		1388	8.07	50.40	-10.20	2.27	37.93	-24.50	63.81	-336.31	-137.13	-135.37	200.06
		1390	10.26	58.56	-10.53	5.52	42.51	-29.17	120.37	-418.16	-146.86	-150.92	269.26
		1389	10.04	63.51	-4.76	-1.18	59.93	-15.20	118.24	-422.81	-73.48	-231.09	258.79
1091	4	1388	9.82	61.88	-8.97	1.78	51.13	-25.42	96.80	-421.17	-179.95	-144.42	258.38
		1364	7.01	58.55	-23.54	-11.32	46.33	-29.22	27.08	-295.70	-201.80	-66.82	146.60
		582	8.11	60.18	11.51	38.68	33.01	-24.17	61.63	-330.43	-203.66	-65.14	183.39

		1390	11.79	62.88	-13.06	-3.63	53.45	-25.04	145.20	-526.79	-210.76	-170.84	335.40
1091	36	1388	8.76	54.57	-8.91	2.46	43.21	-24.34	87.75	-366.45	-148.78	-129.92	226.90
		1364	5.78	41.01	-26.51	-12.76	27.27	-27.19	13.24	-245.08	-172.12	-59.72	116.29
		582	7.34	56.05	-1.50	39.58	14.97	-26.01	46.70	-275.01	-171.16	-57.15	150.42
		1390	11.01	59.46	-13.54	-0.63	46.55	-27.85	135.39	-467.49	-176.75	-155.35	301.25
1091	68	1388	8.68	54.01	-8.91	2.51	42.59	-24.25	87.05	-362.28	-146.41	-128.82	224.49
		1364	5.69	39.69	-26.77	-12.87	25.79	-27.03	12.17	-241.22	-169.87	-59.18	113.97
		582	7.29	55.83	-2.61	39.65	13.58	-26.15	45.55	-270.78	-168.69	-56.55	147.89
		1390	10.95	59.23	-13.61	-0.40	46.01	-28.07	134.64	-462.97	-174.16	-154.18	298.64
1092	4	1355	8.95	68.58	-0.47	-0.05	68.15	5.39	94.95	-373.81	16.34	-295.20	175.13
		1389	12.18	70.19	-3.52	-0.41	67.08	-14.81	194.73	-508.32	-50.10	-263.49	334.94
		1391	14.47	86.69	-4.26	-0.96	83.39	-17.01	271.97	-575.60	-32.82	-270.81	406.73
		1356	10.14	89.37	-0.84	-0.27	88.80	7.15	122.72	-391.93	22.53	-291.75	203.77
1092	36	1355	7.94	63.37	-0.43	-0.10	63.04	4.58	76.14	-320.22	20.15	-264.23	138.05
		1389	11.05	63.81	-4.28	-0.50	60.03	-15.59	168.02	-457.50	-47.86	-241.62	297.38
		1391	13.28	80.33	-5.12	-1.18	76.38	-17.93	241.90	-521.89	-31.38	-248.61	366.12
		1356	9.09	84.18	-0.58	-0.13	83.73	6.17	99.79	-334.80	25.45	-260.46	163.65
1092	68	1355	7.87	62.97	-0.43	-0.11	62.64	4.52	74.76	-316.18	20.44	-261.87	135.22
		1389	10.97	63.33	-4.35	-0.51	59.49	-15.65	165.98	-453.62	-47.69	-239.95	294.51
		1391	13.19	79.84	-5.19	-1.19	75.84	-18.00	239.59	-517.78	-31.27	-246.92	363.01
		1356	9.01	83.78	-0.56	-0.12	83.34	6.10	98.07	-330.47	25.67	-258.07	160.58
1093	4	1389	11.33	66.52	-4.79	-2.28	64.00	-13.15	145.09	-500.79	-95.11	-260.59	312.16
		1390	11.99	74.09	-7.87	6.56	59.66	-31.22	153.79	-485.85	-166.03	-166.02	319.82
		1392	14.22	80.20	-13.72	0.29	66.19	-33.46	215.93	-575.45	-170.44	-189.08	395.58
		1391	13.42	86.06	-5.21	-2.99	83.85	-14.04	212.74	-560.37	-79.16	-268.47	374.78
1093	36	1389	10.11	60.88	-5.04	-1.71	57.54	-14.45	123.35	-433.19	-75.60	-234.24	266.72
		1390	10.78	66.81	-11.00	6.21	49.60	-32.29	124.47	-426.30	-149.11	-152.71	275.38
		1392	13.02	74.22	-17.12	0.62	56.49	-36.13	182.90	-510.63	-153.17	-174.56	346.60
		1391	12.19	81.11	-5.20	-1.83	77.74	-16.73	187.05	-487.41	-59.48	-240.89	324.80
1093	68	1389	10.01	60.45	-5.07	-1.67	57.04	-14.54	121.69	-428.03	-74.11	-232.23	263.24
		1390	10.68	66.26	-11.26	6.18	48.82	-32.37	122.22	-421.75	-147.82	-151.70	271.98
		1392	12.93	73.78	-17.41	0.64	55.74	-36.33	180.37	-505.67	-151.84	-173.46	342.85
		1391	12.10	80.74	-5.22	-1.74	77.26	-16.94	185.09	-481.84	-57.97	-238.78	320.97
1094	4	1390	11.33	38.57	-9.86	-1.00	29.71	-18.72	158.28	-542.80	-212.35	-172.17	349.96
		582	10.56	113.13	-6.27	39.71	67.15	-58.10	55.34	-318.34	-208.78	-54.22	170.11
		1363	9.66	35.74	-38.24	-20.88	18.38	-31.35	47.17	-492.75	-345.09	-100.50	240.67
		1392	16.41	102.97	-18.31	4.57	80.10	-47.44	238.35	-624.51	-200.68	-185.48	431.36
1094	36	1390	10.45	34.97	-12.22	1.51	21.24	-21.43	144.87	-480.06	-178.41	-156.78	312.28
		582	9.80	112.11	-11.82	42.32	57.97	-61.47	36.85	-260.52	-176.52	-47.15	133.88
		1363	8.81	31.91	-42.60	-19.61	8.92	-34.41	27.63	-430.34	-310.38	-92.33	201.36
		1392	15.41	98.25	-21.17	5.74	71.34	-49.90	224.00	-557.23	-164.28	-168.96	390.61
1094	68	1390	10.38	34.75	-12.46	1.70	20.59	-21.64	143.84	-475.28	-175.83	-155.61	309.40
		582	9.74	112.06	-12.27	42.52	57.26	-61.73	35.43	-256.11	-174.06	-46.62	131.11
		1363	8.74	31.65	-42.97	-19.51	8.19	-34.65	26.13	-425.58	-307.74	-91.71	198.35
		1392	15.33	97.91	-21.41	5.83	70.66	-50.08	222.90	-552.10	-161.51	-167.70	387.49
1095	8	1356	10.17	85.50	-1.61	-0.97	84.86	7.44	133.06	-404.44	23.03	-294.41	216.87
		1391	14.57	85.94	-4.52	-1.45	82.87	-16.38	275.46	-584.14	-33.52	-275.17	412.47
		1393	16.42	106.02	-3.55	-0.43	102.89	-18.23	356.33	-614.33	-2.19	-255.82	468.47
		1357	10.96	109.73	-1.33	-0.37	108.78	10.24	162.66	-396.17	27.10	-260.61	239.54
1095	40	1356	9.13	82.24	-0.98	-0.49	81.75	6.35	106.56	-343.37	25.72	-262.54	172.73
		1391	13.33	80.42	-5.13	-1.34	76.63	-17.60	242.12	-525.84	-32.11	-251.60	367.97
		1393	15.16	100.66	-4.64	-0.68	96.70	-20.04	320.08	-553.23	-1.22	-231.93	421.14
		1357	9.91	106.39	-0.86	-0.17	105.70	8.57	132.11	-331.27	29.25	-228.40	192.57
1095	72	1356	9.05	81.99	-0.93	-0.46	81.51	6.27	104.57	-338.75	25.93	-260.11	169.35
		1391	13.24	80.00	-5.18	-1.33	76.15	-17.70	239.57	-521.39	-32.01	-249.81	364.56
		1393	15.07	100.25	-4.73	-0.70	96.22	-20.17	317.30	-548.56	-1.15	-230.11	417.52
		1357	9.83	106.14	-0.83	-0.16	105.47	8.44	129.80	-326.34	29.41	-225.95	188.98
1096	8	1391	13.46	81.46	-5.62	-3.72	79.56	-12.73	220.81	-572.36	-78.89	-272.66	384.57
		1392	14.49	80.84	-14.15	5.80e-04	66.70	-33.82	221.65	-587.34	-172.23	-193.46	404.36
		1394	16.96	92.75	-14.73	3.29	74.73	-40.15	307.86	-652.36	-151.58	-192.92	479.67
		1393	15.29	105.07	-8.05	-6.31	103.33	-13.95	292.74	-598.41	-46.55	-259.13	432.71
1096	40	1391	12.18	77.43	-5.59	-2.50	74.33	-15.72	191.55	-494.88	-59.67	-243.66	330.65
		1392	13.18	76.59	-16.81	0.62	59.16	-36.39	183.46	-516.41	-155.35	-177.61	349.75
		1394	15.61	90.01	-17.02	5.36	67.63	-43.52	266.12	-576.05	-133.36	-176.58	420.53
		1393	13.99	101.61	-6.70	-3.63	98.53	-17.99	260.26	-515.58	-25.68	-229.64	374.28
1096	72	1391	12.08	77.13	-5.60	-2.40	73.93	-15.95	189.32	-488.96	-58.19	-241.46	326.53
		1392	13.08	76.28	-17.04	0.67	58.58	-36.58	180.53	-510.98	-154.05	-176.41	345.57
		1394	15.51	89.82	-17.22	5.52	67.08	-43.78	262.91	-570.22	-131.97	-175.34	416.00
		1393	13.89	101.35	-6.62	-3.42	98.16	-18.30	257.78	-509.27	-24.09	-227.39	369.81
1097	8	1392	15.56	86.71	-16.00	-2.71	73.42	-34.47	249.73	-637.36	-200.43	-187.21	443.50
		1363	10.92	67.40	-42.35	-19.97	45.02	-44.22	36.70	-499.07	-345.98	-116.39	242.04
		581	13.86	88.49	-18.44	52.50	17.55	-50.53	94.07	-542.26	-350.54	-97.65	291.96
		1394	17.44	95.58	-23.27	-16.42	88.73	-27.69	309.51	-746.36	-227.58	-209.27	527.86
1097	40	1392	14.43	82.24	-17.41	-1.24	66.08	-36.74	230.96	-563.30	-163.03	-169.31	397.12
		1363	9.54	47.72	-47.96	-21.64	21.40	-42.73	17.56	-436.35	-310.64	-108.14	203.12
		581	13.26	91.21	-35.74	59.09	-3.62	-55.19	76.72	-466.96	-304.22	-86.02	248.99
		1394	16.67	96.11	-19.01	-6.70	83.80	-35.58	293.96	-660.78	-179.33	-187.48	477.35

1097	72	1392	14.34	81.91	-17.53	-1.12	65.51	-36.91	229.51	-557.65	-160.18	-167.96	393.56
		1363	9.44	46.26	-48.45	-21.76	19.57	-42.61	16.09	-431.57	-307.96	-107.53	200.14
		581	13.22	91.49	-37.14	59.60	-5.26	-55.54	75.39	-461.19	-300.66	-85.14	245.70
		1394	16.61	96.23	-18.76	-5.94	83.42	-36.18	292.79	-654.24	-175.62	-185.83	473.49
1098	8	1357	10.51	97.00	-3.45	-2.14	95.68	11.42	175.51	-403.69	28.73	-256.91	251.94
		1393	16.38	102.39	-3.68	-0.99	99.70	-16.68	364.59	-619.16	1.64	-256.21	474.68
		1395	17.41	126.63	-2.47	0.63	123.54	-19.74	449.23	-575.97	58.32	-185.06	497.95
		1358	10.58	127.20	-1.37	0.39	125.45	14.92	214.04	-348.33	32.48	-166.77	262.95
1098	40	1357	9.71	100.05	-1.99	-1.17	99.22	9.16	140.53	-337.74	30.29	-227.50	201.43
		1393	15.16	99.72	-4.36	-0.62	95.98	-19.38	322.54	-556.01	-8.54e-03	-233.45	423.48
		1395	16.22	124.22	-4.43	-0.01	119.80	-23.43	404.91	-510.58	56.57	-162.23	444.48
		1358	9.81	130.07	-0.78	0.27	129.02	11.68	173.17	-279.55	30.90	-137.28	210.16
1098	72	1357	9.66	100.27	-1.89	-1.09	99.47	8.99	137.88	-332.74	30.41	-225.27	197.56
		1393	15.07	99.52	-4.43	-0.59	95.69	-19.59	319.32	-551.18	-0.13	-231.73	419.56
		1395	16.13	124.04	-4.59	-0.06	119.51	-23.71	401.51	-505.58	56.44	-160.51	440.38
		1358	9.75	130.28	-0.74	0.26	129.27	11.43	170.05	-274.30	30.79	-135.04	206.12
1099	16	1393	14.68	81.53	-8.56	-6.36	79.33	-13.90	293.17	-601.11	-45.16	-262.78	433.70
		1394	17.44	103.51	-13.76	6.77	82.98	-44.57	298.86	-657.32	-154.98	-203.48	477.47
		1396	19.39	116.55	-16.13	2.21	98.21	-45.79	419.39	-669.87	-70.82	-179.66	541.91
		1395	15.73	112.91	-3.62	-1.48	110.77	-15.63	379.75	-550.91	24.39	-195.55	452.15
1099	48	1393	13.58	87.44	-7.22	-3.94	84.16	-17.30	260.64	-518.57	-25.44	-232.48	375.60
		1394	16.16	101.96	-17.00	7.80	77.15	-48.33	259.83	-580.47	-137.36	-183.28	419.52
		1396	18.21	116.32	-21.18	2.54	92.60	-51.96	376.00	-590.23	-55.37	-158.85	480.34
		1395	14.75	119.45	-3.64	0.21	115.60	-21.43	342.34	-465.26	41.65	-164.57	390.42
1099	80	1393	13.50	87.88	-7.12	-3.76	84.52	-17.56	258.16	-512.28	-23.94	-230.19	371.16
		1394	16.06	101.86	-17.27	7.88	76.71	-48.62	256.84	-574.61	-136.02	-181.75	415.10
		1396	18.12	116.33	-21.59	2.57	92.17	-52.43	372.68	-584.15	-54.19	-157.28	475.63
		1395	14.67	119.96	-3.66	0.34	115.96	-21.88	339.49	-458.74	42.97	-162.22	385.70
1100	8	1394	15.89	30.26	-16.78	-12.39	25.87	-13.68	320.05	-772.94	-235.90	-217.00	546.41
		581	17.17	177.73	-16.98	57.23	103.52	-94.56	94.07	-531.63	-359.38	-78.18	279.47
		1362	15.69	40.60	-66.82	-37.14	10.92	-48.04	117.03	-799.98	-563.35	-119.59	401.24
		1396	24.41	174.94	-21.29	12.64	141.01	-74.20	485.38	-777.73	-120.40	-171.95	631.03
1100	40	1394	15.25	33.88	-18.36	-3.29	18.81	-23.67	302.01	-684.51	-187.72	-194.78	493.25
		581	16.91	195.13	-24.20	68.02	102.91	-108.27	67.98	-446.81	-312.99	-65.84	225.79
		1362	14.95	49.04	-75.72	-34.88	8.20	-58.55	89.88	-708.84	-512.27	-106.68	344.04
		1396	23.39	172.90	-27.86	13.19	131.85	-80.97	467.53	-684.09	-67.31	-149.24	574.35
1100	72	1394	15.21	34.40	-18.73	-2.59	18.26	-24.44	300.65	-677.76	-184.01	-193.10	489.18
		581	16.89	196.50	-24.78	68.86	102.86	-109.32	65.98	-440.32	-309.42	-64.91	221.67
		1362	14.90	49.72	-76.44	-34.71	7.98	-59.36	87.80	-701.89	-508.38	-105.71	339.66
		1396	23.31	172.77	-28.40	13.23	131.14	-81.49	466.17	-676.96	-63.26	-147.52	570.01
1101	8	1358	10.03	113.80	-3.99	-2.77	112.58	11.91	237.50	-333.87	36.69	-133.06	272.79
		1395	17.13	117.17	-1.71	1.97	113.48	-20.62	453.42	-570.25	59.86	-176.69	497.98
		1397	16.54	139.67	-2.14	1.52	136.01	-22.49	545.34	-417.29	148.05	-19.99	473.92
		1359	11.63	156.00	-1.74	0.51	153.74	18.73	291.92	-241.34	24.69	25.89	266.63
1101	40	1358	9.52	122.93	-2.07	-1.27	122.13	9.94	188.01	-274.65	33.97	-120.62	218.03
		1395	16.06	121.21	-2.87	1.76	116.58	-23.52	404.32	-507.16	56.85	-159.69	442.69
		1397	15.67	144.54	-5.93	-0.53	139.15	-27.98	494.72	-353.64	144.18	-3.10	417.74
		1359	10.90	164.57	-1.22	-6.67e-04	163.35	14.18	240.92	-181.38	21.20	38.34	210.98
1101	72	1358	9.49	123.63	-1.93	-1.16	122.86	9.79	184.24	-270.12	33.77	-119.65	213.84
		1395	15.97	121.51	-2.96	1.74	116.81	-23.74	400.55	-502.34	56.62	-158.41	438.46
		1397	15.60	144.92	-6.23	-0.69	139.38	-28.40	490.83	-348.78	143.89	-1.84	413.43
		1359	10.85	165.24	-1.20	-0.04	164.08	13.83	237.04	-176.80	20.94	39.31	206.71
1102	16	1395	16.05	108.91	-11.08	-8.05	105.88	-18.82	396.36	-550.21	30.42	-184.27	460.95
		1396	19.29	115.37	-4.92	15.28	95.17	-44.96	408.84	-684.95	-85.20	-190.91	544.34
		1398	23.44	162.84	-34.67	-6.68	134.85	-68.88	664.49	-557.76	152.88	-46.15	602.97
		1397	14.64	138.92	2.75	3.31	138.35	-8.75	483.95	-379.95	148.73	-44.73	420.98
1102	48	1395	15.03	116.01	-10.62	-5.96	111.35	-23.83	354.42	-467.40	46.30	-159.28	397.85
		1396	18.04	118.25	-9.42	16.38	92.45	-51.27	360.39	-600.49	-70.28	-169.82	477.85
		1398	22.34	165.82	-42.31	-8.45	131.96	-76.81	610.53	-475.41	161.35	-26.24	534.81
		1397	13.79	145.45	0.87	2.53	143.80	-15.38	435.85	-298.69	158.09	-20.92	356.19
1102	80	1395	14.96	116.55	-10.59	-5.80	111.76	-24.21	351.22	-461.11	47.52	-157.40	393.03
		1396	17.95	118.49	-9.78	16.47	92.24	-51.75	356.67	-594.05	-69.14	-168.24	472.77
		1398	22.25	166.06	-42.91	-8.59	131.74	-77.42	606.40	-469.14	162.00	-24.75	529.60
		1397	13.73	145.96	0.71	2.47	144.20	-15.89	432.17	-292.50	158.80	-19.13	351.25
1103	16	1396	21.07	128.91	-7.29	2.60	119.03	-35.33	501.38	-771.38	-99.42	-170.58	635.39
		1362	17.53	76.71	-112.92	-75.79	39.58	-75.25	64.16	-828.85	-585.32	-179.37	397.70
		580	25.27	237.43	-33.06	217.76	-13.40	-70.24	399.94	-669.37	-326.36	56.93	499.13
		1398	27.68	202.73	-30.78	9.77	162.18	-88.46	660.80	-761.70	-8.26	-92.64	709.99
1103	48	1396	19.99	129.84	-9.10	3.79	116.95	-40.30	482.97	-675.83	-48.20	-144.66	577.39
		1362	16.36	69.07	-120.32	-77.01	25.77	-79.54	42.90	-742.39	-536.43	-163.06	345.43
		580	24.49	241.55	-49.47	218.29	-26.22	-78.91	379.41	-568.38	-264.54	75.57	442.33
		1398	26.87	209.18	-36.04	12.64	160.49	-97.82	646.31	-654.07	55.94	-63.70	647.43
1103	80	1396	19.91	129.93	-9.25	3.88	116.80	-40.69	481.56	-668.58	-44.30	-142.72	572.96
		1362	16.27	68.51	-120.91	-77.10	24.71	-79.87	41.26	-735.82	-532.71	-161.85	341.44
		580	24.43	241.87	-50.74	218.33	-27.20	-79.58	377.81	-560.69	-259.84	76.95	437.99
		1398	26.81	209.69	-36.47	12.86	160.37	-98.53	645.21	-645.90	60.83	-61.52	642.65
1104	7	1359	11.74	146.47	-2.84	-1.55	145.19	13.81	332.30	-232.80	32.15	67.34	282.00

		1397	17.05	148.27	-8.03	-0.46	140.70	-33.56	552.62	-383.98	153.62	15.02	463.14
		1399	16.29	171.58	-21.24	-21.09	171.43	5.28	675.61	-188.06	233.51	254.05	431.71
		1360	14.61	179.85	7.93	10.25	177.53	19.85	388.30	-185.38	-5.33	208.26	266.22
1104	39	1359	11.20	161.30	-1.37	-0.41	160.34	12.47	271.00	-177.22	26.82	66.95	223.21
		1397	16.03	152.01	-10.26	-1.72	143.47	-36.23	492.19	-330.34	147.93	13.92	405.77
		1399	15.05	174.28	-25.29	-25.29	174.27	-1.13	615.80	-132.24	230.32	253.24	373.85
		1360	14.26	193.93	7.23	8.41	192.75	14.80	333.41	-133.65	-8.28	208.04	206.98
1104	71	1359	11.17	162.45	-1.26	-0.32	161.51	12.37	266.31	-172.97	26.41	66.92	218.70
		1397	15.96	152.30	-10.44	-1.82	143.69	-36.44	487.56	-326.24	147.49	13.83	401.38
		1399	14.96	174.50	-25.62	-25.61	174.49	-1.62	611.22	-127.97	230.08	253.18	369.42
		1360	14.25	195.03	7.16	8.27	193.92	14.42	329.33	-129.81	-8.51	208.02	202.44
1105	16	1397	15.18	126.81	-23.90	-21.07	123.98	-20.47	536.79	-317.73	186.60	32.47	420.25
		1398	23.55	200.96	18.97	78.25	141.68	-85.29	599.76	-569.16	102.52	-71.92	577.92
		1400	34.80	333.34	-227.75	-227.16	332.74	-18.23	1205.64	-142.88	715.84	346.92	648.54
		1399	10.64	90.59	16.98	17.03	90.54	-1.88	571.22	-29.89	276.70	264.63	300.49
1105	48	1397	14.57	135.28	-24.97	-21.19	131.50	-24.31	479.89	-265.80	192.31	21.77	362.96
		1398	22.59	210.02	13.76	76.78	146.99	-91.64	547.62	-498.19	108.52	-59.09	516.15
		1400	34.51	331.26	-235.50	-234.25	330.01	-26.61	1142.17	-87.86	710.52	343.80	587.05
		1399	9.42	98.14	10.60	11.29	97.45	-7.74	506.27	19.00	270.95	254.32	243.49
1105	80	1397	14.53	135.92	-25.05	-21.20	132.07	-24.60	475.59	-261.82	192.75	21.01	358.57
		1398	22.51	210.70	13.35	76.67	147.38	-92.12	543.60	-492.78	108.98	-58.16	511.41
		1400	34.49	331.11	-236.10	-234.79	329.80	-27.25	1137.33	-83.64	710.12	343.57	582.33
		1399	9.34	98.73	10.09	10.85	97.97	-8.19	501.32	22.79	270.52	253.59	239.12
1106	11	1398	22.92	-56.38	-197.87	-196.46	-57.79	-14.05	715.59	-807.34	5.75	-97.50	759.71
		580	47.34	763.15	52.34	457.97	357.52	-351.84	301.33	-592.83	-388.47	96.96	375.46
		1361	35.53	-208.77	-476.76	-458.27	-227.26	-67.92	748.81	-1202.46	-808.96	355.31	782.94
		1400	56.72	778.09	19.31	242.99	554.41	-345.96	1423.63	-346.01	703.57	374.05	869.35
1106	43	1398	22.62	-50.39	-196.38	-192.25	-54.51	-24.19	692.37	-720.01	60.06	-87.70	702.31
		580	46.69	777.39	31.55	460.86	348.09	-368.63	262.51	-489.97	-335.40	107.94	304.01
		1361	34.17	-210.36	-499.19	-470.46	-239.09	-86.44	706.56	-1112.99	-772.33	365.90	709.79
		1400	56.15	781.91	-0.77	232.13	549.00	-357.83	1385.34	-262.17	741.30	381.87	803.92
1106	75	1398	22.59	-49.88	-196.32	-191.93	-54.27	-24.96	690.62	-713.36	64.23	-86.96	697.91
		580	46.64	778.48	29.98	461.08	347.38	-369.91	259.59	-482.16	-331.33	108.76	298.54
		1361	34.08	-210.41	-500.96	-471.39	-239.98	-87.85	703.37	-1106.21	-769.52	366.68	704.20
		1400	56.10	782.21	-2.30	231.31	548.60	-358.74	1382.46	-255.81	744.19	382.45	798.92
1107	8	1360	15.32	181.78	3.39	3.59	181.57	6.05	480.17	-154.88	40.20	285.10	292.97
		1399	16.66	124.10	-17.79	-17.72	124.03	3.13	804.37	-166.88	260.65	376.85	482.14
		1296	17.07	148.78	15.78	17.81	146.75	16.30	745.11	24.70	214.23	555.58	317.20
		1272	12.96	180.10	2.29	4.10	178.29	17.84	245.42	-253.42	-73.29	65.28	239.60
1107	40	1360	15.13	204.08	2.66	3.01	203.73	8.37	393.89	-141.34	26.11	226.43	248.17
		1399	15.83	131.64	-20.93	-20.74	131.46	5.35	731.48	-152.87	248.85	329.76	440.32
		1296	16.22	156.27	13.42	14.72	154.97	13.57	675.97	42.62	209.36	509.23	278.93
		1272	12.44	200.28	2.27	3.44	199.11	15.20	166.61	-239.65	-80.39	7.35	198.34
1107	72	1360	15.12	205.78	2.60	2.96	205.42	8.54	387.30	-140.28	25.04	221.98	244.72
		1399	15.77	132.22	-21.17	-20.97	132.02	5.52	725.92	-151.78	247.95	326.19	437.10
		1296	16.16	156.85	13.23	14.48	155.59	13.36	670.69	44.01	208.99	505.72	275.99
		1272	12.40	201.84	2.26	3.39	200.71	15.00	160.62	-238.61	-80.93	2.95	195.16
1108	7	1399	22.42	323.65	11.92	19.92	315.65	-49.29	850.68	13.79	325.79	538.67	404.68
		1400	35.30	63.16	-409.35	-269.65	-76.53	215.62	1067.51	-379.27	693.96	-5.72	633.17
		1295	38.70	294.85	143.84	290.41	148.28	25.51	1966.44	1471.40	1836.85	1600.99	217.62
		1296	16.88	90.70	-77.79	-20.34	33.24	79.87	614.34	-88.70	80.82	444.82	300.73
1108	39	1399	21.99	328.94	3.34	11.38	320.89	-50.54	768.50	57.27	316.48	509.30	342.30
		1400	33.74	55.77	-417.48	-280.48	-81.23	214.63	1013.70	-329.44	690.31	-6.04	574.27
		1295	38.03	283.27	141.50	280.49	144.29	19.68	1929.38	1512.88	1841.96	1600.29	169.61
		1296	15.32	86.75	-75.35	-27.96	39.36	73.73	547.38	-54.88	77.53	414.97	249.42
1108	71	1399	21.97	329.34	2.68	10.72	321.30	-50.63	762.19	60.58	315.76	507.02	337.52
		1400	33.62	55.21	-418.11	-281.31	-81.58	214.56	1009.63	-325.68	690.03	-6.08	569.76
		1295	37.99	282.40	141.32	279.73	144.00	19.23	1926.67	1515.88	1842.33	1600.22	165.93
		1296	15.20	86.49	-75.20	-28.54	39.83	73.26	542.27	-52.33	77.28	412.66	245.50
1109	7	1400	49.60	198.31	16.01	122.78	91.55	-89.80	2514.95	-728.97	1532.02	253.96	1490.77
		1361	83.69	51.48	-465.38	-454.85	40.95	73.01	993.69	-3354.28	-3239.09	878.51	698.24
		22	133.67	473.09	-210.48	457.99	-195.38	100.46	6720.70	-796.89	5379.89	543.92	2877.83
		1295	32.31	227.47	71.78	81.36	217.89	37.42	1672.46	1431.44	1448.00	1655.89	60.98
1109	39	1400	48.85	190.32	4.79	108.45	86.66	-92.13	2488.85	-667.76	1565.86	255.23	1435.83
		1361	82.26	17.44	-483.86	-474.27	7.84	68.68	968.41	-3285.44	-3204.75	887.73	580.27
		22	129.80	445.67	-239.16	434.36	-227.84	87.29	6547.34	-743.53	5279.35	524.46	2763.51
		1295	31.17	218.01	58.36	62.79	213.58	26.23	1638.83	1346.66	1346.96	1638.53	9.39
1109	71	1400	48.79	189.72	3.92	107.35	86.29	-92.30	2486.90	-663.11	1568.47	255.32	1431.62
		1361	82.16	14.84	-485.28	-475.76	5.32	68.35	966.66	-3280.38	-3202.11	888.38	571.23
		22	129.51	443.60	-241.37	432.55	-230.32	86.29	6534.08	-739.49	5271.64	522.94	2754.75
		1295	31.09	217.38	57.25	61.37	213.26	25.37	1637.26	1339.12	1339.22	1637.16	5.44
1110	7	1361	35.68	357.96	-56.98	4.90	296.09	147.81	1205.22	-174.39	882.01	148.82	-584.32
		22	284.32	135.33	-2062.34	127.15	-2054.15	-133.86	1.170e+04	-280.09	-245.94	1.167e+04	638.77
		572	65.11	-73.27	-815.85	-341.99	-547.13	-356.84	1675.53	-222.29	183.29	1269.96	777.96
1110	39	1361	41.87	389.53	-81.88	-8.10	315.74	171.28	1198.64	-454.06	872.59	-128.01	-677.68
		22	278.57	119.81	-2040.15	114.15	-2034.49	-110.39	1.142e+04	-282.75	-255.37	1.139e+04	565.41
		572	59.19	-96.89	-785.57	-354.99	-527.47	-333.36	1398.52	-231.53	173.86	993.13	704.60

1110	71	1361	42.35	391.89	-83.79	-9.10	317.20	173.06	1198.36	-475.71	871.87	-149.22	-663.30
		22	278.14	118.63	-2038.52	113.15	-2033.03	-108.61	1.140e+04	-282.98	-256.09	1.137e+04	559.79
		572	58.74	-98.69	-783.31	-355.99	-526.01	-331.59	1377.57	-232.51	173.14	971.93	698.98
1111	16	1362	18.86	82.37	-50.92	-47.10	78.55	-22.24	938.82	69.11	69.81	938.11	-24.75
		580	25.11	38.96	-110.32	-93.53	22.17	47.16	973.58	-464.93	-390.93	899.57	317.77
		571	24.49	-33.21	-95.51	-68.95	-59.77	30.81	1443.42	-269.58	-190.41	1364.26	359.63
1111	48	1362	16.77	70.01	-53.21	-51.65	68.45	-13.80	826.88	67.92	70.81	823.99	-46.74
		580	23.63	35.25	-121.26	-98.08	12.07	55.60	855.68	-460.17	-389.93	785.45	295.78
		571	22.87	-32.40	-110.98	-73.49	-69.88	39.25	1325.39	-264.68	-189.42	1250.13	337.64
1111	80	1362	16.61	69.10	-53.42	-51.99	67.68	-13.15	818.41	67.75	70.89	815.27	-48.42
		580	23.52	35.01	-122.14	-98.43	11.30	56.25	846.68	-459.80	-389.86	776.73	294.10
		571	22.75	-32.31	-112.17	-73.84	-70.65	39.90	1316.38	-264.30	-189.34	1241.42	335.96
1112	7	1363	11.97	85.58	-45.87	-26.48	66.19	-46.62	524.64	53.76	54.49	523.91	18.48
		581	12.51	27.60	-56.91	-55.15	25.83	-12.08	571.59	-136.04	-109.40	544.95	134.68
		573	16.38	77.46	-33.76	-22.51	66.21	-33.54	755.29	-164.78	-150.55	741.05	113.54
1112	36	1363	9.34	42.14	-37.55	-31.08	35.68	-21.76	461.50	40.56	40.89	461.18	11.63
		581	11.21	-1.86	-62.57	-59.75	-4.68	12.78	508.11	-148.89	-123.00	482.22	127.82
		573	14.40	36.87	-28.28	-27.11	35.69	-8.68	691.62	-177.45	-164.15	678.32	106.69
1112	68	1363	9.17	40.04	-37.26	-31.36	34.14	-20.52	455.13	40.47	40.75	454.85	10.80
		581	11.12	-2.78	-63.46	-60.03	-6.22	14.02	501.70	-148.95	-123.14	475.89	127.00
		573	14.26	35.04	-28.27	-27.38	34.16	-7.44	685.18	-177.47	-164.28	671.99	105.86
1113	7	1364	8.80	81.21	-40.87	-19.82	60.17	-46.11	301.58	8.45	8.94	301.09	11.98
		582	8.76	52.41	-43.95	-31.66	40.12	-32.15	336.24	-100.86	-89.08	324.47	70.77
		574	11.44	71.49	-34.88	-21.81	58.42	-34.92	458.10	-119.17	-112.77	451.70	60.44
1113	39	1364	6.31	47.54	-30.50	-18.77	35.81	-27.88	246.54	11.16	11.37	246.33	7.03
		582	6.73	19.62	-34.47	-30.61	15.77	-13.92	281.47	-98.42	-86.65	269.71	65.82
		574	9.30	38.75	-25.45	-20.76	34.06	-16.70	402.94	-116.34	-110.34	396.94	55.50
1113	71	1364	6.13	44.98	-29.72	-18.69	33.95	-26.49	242.32	11.38	11.57	242.13	6.65
		582	6.59	17.20	-33.82	-30.53	13.91	-12.53	277.27	-98.22	-86.45	265.50	65.44
		574	9.15	36.32	-24.79	-20.68	32.21	-15.31	398.70	-116.10	-110.13	392.74	55.11
1114	7	1365	6.23	73.66	-38.58	-19.63	54.70	-42.05	161.74	15.74	20.19	157.28	25.10
		583	6.20	52.37	-39.70	-26.48	39.14	-32.29	192.66	-56.45	-47.44	183.65	46.50
		575	7.76	69.61	-35.60	-22.12	56.13	-35.17	270.69	-50.65	-37.34	257.38	64.03
1114	39	1365	3.92	42.99	-26.43	-14.49	31.05	-26.19	117.81	14.60	18.53	113.89	19.74
		583	4.11	21.75	-27.61	-21.34	15.48	-16.44	148.81	-57.65	-49.10	140.26	41.14
		575	5.69	39.12	-23.63	-16.98	32.48	-19.31	226.93	-51.94	-39.00	213.99	58.66
1114	71	1365	3.74	40.65	-25.50	-14.10	29.24	-24.98	114.45	14.53	18.42	110.56	19.33
		583	3.95	19.42	-26.69	-20.95	13.68	-15.23	145.45	-57.73	-49.21	136.93	40.73
		575	5.54	36.81	-22.72	-16.59	30.67	-18.10	223.58	-52.03	-39.11	210.66	58.25
1115	7	1366	5.35	59.12	-39.07	-25.75	45.80	-33.63	114.48	0.89	55.45	59.92	56.75
		584	4.09	43.44	-36.74	-26.81	33.51	-26.41	110.88	-31.87	-10.23	89.24	51.20
		576	6.30	61.97	-37.54	-26.99	51.41	-30.64	213.29	-24.41	65.92	122.96	115.38
1115	39	1366	3.81	32.80	-26.21	-17.40	23.99	-21.03	86.61	-16.99	49.72	19.90	49.61
		584	2.42	17.07	-23.82	-18.45	11.70	-13.81	71.43	-38.17	-15.96	49.22	44.05
		576	4.80	35.60	-24.64	-18.63	29.59	-18.05	180.39	-37.27	60.19	82.94	108.23
1115	71	1366	3.70	30.79	-25.23	-16.76	22.32	-20.07	84.74	-18.61	49.29	16.83	49.06
		584	2.32	15.06	-22.84	-17.82	10.03	-12.85	68.46	-38.70	-16.39	46.15	43.50
		576	4.68	33.59	-23.65	-17.99	27.93	-17.09	177.97	-38.34	59.76	79.88	107.68
1116	7	1367	9.28	36.67	-48.26	-41.81	30.21	-22.51	288.15	-152.05	188.68	-52.58	184.10
		585	6.44	36.83	-31.20	-23.69	29.33	-21.32	180.41	-106.14	86.52	-12.25	134.50
		577	12.14	47.17	-44.02	-39.86	43.01	-19.02	500.98	-165.61	299.36	36.00	306.18
1116	39	1367	7.21	15.95	-35.57	-31.24	11.62	-14.29	221.12	-163.31	148.96	-91.15	150.11
		585	4.40	16.52	-18.91	-13.12	10.73	-13.10	109.72	-113.75	46.80	-50.83	100.51
		577	10.06	26.51	-31.38	-29.29	24.42	-10.81	430.66	-173.58	259.65	-2.57	272.19
1116	71	1367	7.05	14.37	-34.60	-30.43	10.20	-13.67	216.09	-164.25	145.93	-94.09	147.52
		585	4.24	15.01	-18.01	-12.32	9.31	-12.47	104.39	-114.38	43.77	-53.77	97.91
		577	9.90	24.94	-30.42	-28.48	23.00	-10.18	425.32	-174.21	256.62	-5.51	269.59
1117	7	1368	41.60	-6.51	-160.76	-160.75	-6.52	-1.23	2136.94	-339.93	1862.17	-65.16	777.86
		586	7.94	33.92	1.13	2.44	32.61	-6.41	218.29	-311.71	6.48	-99.90	259.60
		578	22.01	55.92	-51.14	-49.31	54.08	13.91	999.65	-487.24	135.35	377.06	733.56
1117	39	1368	39.76	-19.99	-148.76	-148.76	-19.99	-0.37	2052.07	-361.83	1810.53	-120.30	724.37
		586	6.50	22.81	10.75	14.43	19.14	-5.55	113.21	-313.41	-45.16	-155.04	206.11
		578	20.26	43.31	-40.02	-37.32	40.61	14.77	893.24	-487.60	83.71	321.92	680.07
1117	71	1368	39.62	-21.02	-147.85	-147.85	-21.02	-0.31	2045.66	-363.56	1806.60	-124.50	720.28
		586	6.40	22.38	11.07	15.34	18.11	-5.49	105.23	-313.56	-49.09	-159.24	202.03
		578	20.13	42.37	-39.19	-36.40	39.58	14.83	885.12	-487.62	79.78	317.72	675.98
1118	1	984	9.29	145.51	12.54	115.38	42.67	55.66	76.14	-208.44	17.95	-150.25	-114.78
		46	98.55	115.22	-1112.52	24.06	-1021.36	-321.89	2551.48	-227.32	-122.75	2446.91	528.83
		587	33.95	-259.63	-650.33	-562.41	-347.55	-163.16	522.12	252.73	304.89	469.96	106.45
1118	33	984	13.78	157.45	70.78	127.12	101.11	41.34	28.81	-554.83	-52.54	-473.48	-202.14
		46	91.89	138.43	-1065.55	35.79	-962.92	-336.21	2204.95	-274.50	-193.23	2123.68	441.46
		587	31.24	-199.43	-640.35	-550.67	-289.11	-177.48	238.38	142.75	234.41	146.73	19.08
1118	65	984	14.22	158.55	75.00	128.00	105.55	40.24	25.24	-581.62	-58.09	-498.29	-208.87
		46	91.39	140.23	-1062.04	36.67	-958.48	-337.31	2178.38	-278.29	-198.79	2098.87	434.73
		587	31.09	-194.83	-639.64	-549.79	-284.67	-178.58	230.26	120.51	228.85	121.92	12.35
1119	28	985	11.27	175.61	-16.85	7.57	151.19	-64.06	70.02	-95.59	55.80	-81.38	46.39
		589	15.26	241.17	-23.33	25.55	192.29	-102.66	28.75	-164.51	15.72	-151.49	48.45

		588	8.91	-38.99	-166.77	-116.03	-89.73	62.52	76.46	-93.08	42.50	-59.13	67.85
1119	60	985	8.65	147.46	-8.18	10.19	129.09	-50.22	25.21	-59.99	22.14	-56.92	15.87
		589	12.66	212.90	-14.54	28.17	170.19	-88.82	-15.06	-129.90	-17.93	-127.03	17.94
		588	9.58	-36.25	-188.99	-113.41	-111.83	76.36	30.30	-56.13	8.84	-34.67	37.34
1119	92	985	8.46	145.37	-7.55	10.38	127.45	-49.19	22.13	-57.51	19.71	-55.09	13.66
		589	12.47	210.80	-13.90	28.36	168.55	-87.80	-18.06	-127.51	-20.37	-125.20	15.73
		588	9.63	-35.95	-190.74	-113.22	-113.47	77.39	27.02	-53.45	6.41	-32.84	35.13
1120	20	986	6.96	113.60	-24.23	0.85	88.51	-53.18	-41.92	-131.78	-54.39	-119.31	-31.07
		604	9.09	154.66	-26.98	10.41	117.27	-73.44	-46.82	-129.25	-55.87	-120.20	-25.76
		603	5.26	36.18	-50.77	-48.92	34.33	12.55	-37.11	-146.98	-44.94	-139.14	-28.27
1120	52	986	5.02	85.49	-14.13	6.59	64.77	-40.43	-20.88	-68.01	-24.71	-64.17	-12.88
		604	7.23	126.82	-17.14	16.15	93.53	-60.70	-24.76	-66.49	-26.19	-65.07	-7.58
		603	4.05	20.61	-53.22	-43.19	10.58	25.29	-13.81	-85.45	-15.26	-84.00	-10.09
1120	84	986	4.88	83.42	-13.40	7.00	63.02	-39.49	-19.25	-63.40	-22.51	-60.14	-11.54
		604	7.09	124.77	-16.43	16.57	91.77	-59.75	-22.96	-62.05	-23.98	-61.03	-6.24
		603	3.99	19.83	-53.77	-42.77	8.83	26.24	-11.93	-81.09	-13.06	-79.97	-8.75
1121	30	987	5.65	62.51	-22.46	-7.94	48.00	-31.98	76.37	-71.12	60.89	-55.64	45.21
		613	6.60	83.30	-24.46	-1.51	60.35	-44.12	75.69	-63.48	56.09	-43.89	48.40
		612	4.89	30.12	-36.06	-36.00	30.07	1.84	109.70	-76.94	85.05	-52.29	63.19
1121	60	987	3.79	56.54	-9.86	10.53	36.16	-30.63	5.52	-54.81	3.43	-52.72	11.04
		613	4.89	78.32	-12.84	16.96	48.52	-42.76	3.22	-45.55	-1.37	-40.96	14.23
		612	2.60	18.52	-17.82	-17.54	18.24	3.20	37.30	-59.08	27.59	-49.37	29.02
1121	92	987	3.67	55.09	-9.40	10.82	34.87	-29.92	4.72	-53.80	3.04	-52.13	9.77
		613	4.77	76.88	-12.40	17.26	47.23	-42.05	2.20	-44.32	-1.75	-40.37	12.96
		612	2.50	17.39	-17.68	-17.24	16.95	3.91	36.26	-57.83	27.21	-48.77	27.75
1122	30	988	4.96	46.67	-19.16	-7.84	35.36	-24.84	78.94	-88.21	71.71	-80.98	33.99
		622	5.28	58.31	-21.04	-3.03	40.30	-33.24	63.18	-82.09	54.83	-73.73	33.82
		621	4.93	26.79	-28.86	-28.76	26.68	-2.42	115.65	-92.14	95.51	-72.00	61.47
1122	60	988	3.18	43.16	-7.92	11.45	23.79	-24.78	18.03	-72.20	17.16	-71.33	8.85
		622	3.75	56.26	-11.27	16.26	28.73	-33.18	1.42	-65.23	0.27	-64.08	8.68
		621	2.68	15.34	-9.70	-9.47	15.11	-2.37	52.46	-73.84	40.96	-62.34	36.33
1122	92	988	3.08	42.03	-7.58	11.87	22.58	-24.22	17.94	-71.64	17.23	-70.93	7.95
		622	3.65	55.17	-10.97	16.67	27.52	-32.62	1.27	-64.61	0.34	-63.68	7.78
		621	2.58	14.05	-9.19	-9.05	13.91	-1.80	52.04	-72.96	41.03	-61.94	35.43
1123	1	989	4.84	1.48	-19.17	1.05	-18.74	2.94	166.56	-137.14	160.17	-130.74	43.60
		631	4.41	5.27	-17.85	4.58	-17.16	-3.93	135.17	-138.89	129.02	-132.74	40.59
		630	5.73	0.34	-44.62	-20.79	-23.48	22.44	196.37	-147.51	178.88	-130.02	75.55
1123	33	989	3.55	13.01	-10.39	11.07	-8.45	-6.46	111.74	-103.52	108.14	-99.91	27.63
		631	3.29	20.97	-13.25	14.60	-6.87	-13.32	80.32	-105.24	76.99	-101.91	24.62
		630	4.07	1.12	-25.09	-10.78	-13.19	13.05	141.59	-113.93	126.85	-99.19	59.57
1123	65	989	3.47	14.19	-10.02	11.83	-7.66	-7.18	107.56	-100.96	104.16	-97.56	26.40
		631	3.23	22.30	-13.03	15.36	-6.08	-14.04	76.13	-102.67	73.01	-99.56	23.39
		630	3.94	1.18	-23.60	-10.02	-12.40	12.33	137.41	-111.37	122.87	-96.84	58.35
1124	1	990	6.66	8.21	-27.71	7.32	-26.82	5.56	259.77	-132.13	244.28	-116.64	76.36
		640	6.06	9.75	-26.44	9.68	-26.37	-1.56	210.75	-146.68	195.41	-131.34	72.43
		639	7.41	1.16	-53.60	-24.38	-28.06	27.32	284.30	-163.56	254.68	-133.94	111.30
1124	33	990	5.23	17.85	-17.69	17.56	-17.39	-3.23	195.64	-98.86	183.85	-87.07	57.73
		640	4.71	22.62	-19.65	19.92	-16.94	-10.35	146.63	-113.43	134.97	-101.77	53.81
		639	5.72	2.28	-35.05	-14.15	-18.62	18.53	220.67	-130.79	194.25	-104.37	92.67
1124	65	990	5.13	18.77	-17.10	18.34	-16.67	-3.90	190.72	-96.31	179.22	-84.81	56.30
		640	4.62	23.74	-19.26	20.70	-16.22	-11.02	141.72	-110.89	130.35	-99.51	52.38
		639	5.59	2.37	-33.64	-13.37	-17.90	17.86	215.81	-128.30	189.62	-102.11	91.24
1125	1	991	9.26	20.88	-40.65	18.96	-38.73	10.69	401.68	-93.27	373.62	-65.21	114.45
		649	8.33	22.16	-36.60	22.16	-36.60	-0.38	330.27	-128.26	299.54	-97.53	114.66
		648	9.77	3.34	-79.84	-40.73	-35.77	41.52	421.29	-153.65	374.40	-106.75	157.37
1125	33	991	7.81	29.45	-30.80	29.33	-30.68	2.69	321.28	-74.68	295.66	-49.06	97.41
		649	6.92	33.65	-29.68	32.52	-28.55	-8.39	250.30	-110.11	221.57	-81.38	97.62
		648	8.19	4.50	-62.58	-30.36	-27.72	33.51	341.95	-136.12	296.43	-90.60	140.32
1125	65	991	7.70	30.20	-30.13	30.13	-30.06	2.07	315.12	-73.27	289.68	-47.83	96.10
		649	6.82	34.62	-29.23	33.32	-27.93	-9.00	244.19	-108.74	215.60	-80.15	96.30
		648	8.07	4.59	-61.25	-29.56	-27.10	32.90	335.89	-134.81	290.45	-89.37	139.01
1126	6	992	13.31	30.51	-58.20	23.43	-51.13	24.03	599.61	-102.21	533.27	-35.86	205.33
		658	11.86	49.07	-36.98	48.57	-36.48	-6.55	498.36	-178.38	414.87	-94.90	222.55
		657	15.77	2.03	-177.75	-113.52	-62.20	86.15	651.89	-171.37	543.28	-62.77	278.59
1126	38	992	11.57	41.25	-47.23	39.17	-45.15	13.42	491.59	-87.11	434.07	-29.59	173.14
		658	10.30	67.32	-33.52	64.30	-30.50	-17.17	391.20	-164.15	315.68	-88.62	190.37
		657	13.80	1.34	-155.34	-97.78	-56.23	75.53	545.03	-157.43	444.09	-56.50	246.41
1126	70	992	11.44	42.19	-46.51	40.36	-44.69	12.60	483.32	-85.95	426.48	-29.10	170.67
		658	10.18	68.77	-33.31	65.50	-30.04	-17.98	383.01	-163.06	308.09	-88.13	187.89
		657	13.65	1.29	-153.63	-96.58	-55.76	74.72	536.86	-156.37	436.50	-56.01	243.93
1127	2	993	41.82	94.17	-367.19	-366.91	93.88	-11.49	1727.17	660.28	1714.29	673.16	116.52
		667	31.47	323.02	-23.99	174.56	124.47	-171.68	760.08	-582.83	403.92	-226.67	592.82
		666	26.55	-101.41	-313.12	-149.04	-265.49	88.40	903.77	-424.98	290.10	188.68	662.43
1127	34	993	40.84	96.97	-373.47	-372.87	96.36	-16.90	1630.89	660.69	1627.75	663.83	55.10
		667	30.40	326.09	-30.54	168.60	126.95	-177.09	639.82	-558.43	317.39	-236.00	531.41
		666	24.54	-109.98	-308.02	-155.00	-263.01	83.00	792.60	-409.67	203.57	179.36	601.02
1127	66	993	40.76	97.18	-373.97	-373.33	96.55	-17.31	1623.75	660.48	1621.11	663.12	50.41

		667	30.32	326.32	-31.05	168.14	127.14	-177.51	630.61	-556.57	310.74	-236.71	526.71
		666	24.39	-110.64	-307.64	-155.46	-262.82	82.58	784.18	-408.60	196.93	178.65	596.32
1128	4	909	8.79	9.39	-8.28	-8.19	9.30	-1.25	165.59	-438.11	152.76	-425.28	-87.07
		951	10.67	54.92	-4.31	0.73	49.88	16.53	150.29	-435.53	134.15	-419.38	-95.91
		891	8.98	12.08	-6.84	-6.84	12.07	-0.33	139.39	-463.70	125.28	-449.58	-91.17
1128	36	909	8.36	5.24	-28.54	-19.32	-3.98	-15.05	173.96	-425.74	165.53	-417.30	-70.61
		951	9.93	36.77	-10.56	-10.40	36.61	2.74	157.99	-422.49	146.91	-411.41	-79.45
		891	8.48	6.84	-26.01	-17.97	-1.20	-14.13	147.52	-451.08	138.04	-441.61	-74.71
1128	68	909	8.34	5.21	-30.37	-20.17	-4.99	-16.09	174.63	-424.86	166.48	-416.71	-69.40
		951	9.88	35.65	-11.31	-11.24	35.59	1.69	158.62	-421.56	147.87	-410.81	-78.23
		891	8.46	6.78	-27.81	-18.81	-2.22	-15.17	148.17	-450.18	139.00	-441.01	-73.49
1129	1	907	12.51	-12.45	-123.31	-80.85	-54.91	-53.90	639.65	-57.57	619.84	-37.75	-115.86
		944	9.47	1.05	-65.72	-55.25	-9.43	-24.28	507.32	-8.52	468.58	30.22	-135.95
		893	11.20	-8.04	-120.74	-78.15	-50.62	-54.64	507.56	-148.17	491.00	-131.62	-102.87
1129	49	907	11.60	-12.39	-88.81	-62.12	-39.09	-36.43	631.47	-85.36	600.42	-54.31	-145.92
		944	9.39	7.45	-37.57	-36.52	6.39	-6.82	505.23	-42.41	449.17	13.66	-166.01
		893	10.30	-7.94	-86.28	-59.42	-34.80	-37.18	498.89	-175.49	471.58	-148.18	-132.93
1129	81	907	11.55	-12.48	-86.80	-60.92	-38.36	-35.41	631.38	-83.71	600.29	-52.61	-145.85
		944	9.37	7.90	-36.09	-35.32	7.12	-5.79	505.24	-40.86	449.03	15.35	-165.94
		893	10.24	-8.03	-84.26	-58.22	-34.07	-36.16	498.80	-173.84	471.45	-146.48	-132.86
1130	4	895	33.05	29.86	-11.10	-7.24	26.00	11.97	2385.99	759.22	1259.38	1885.84	750.66
		905	42.14	63.10	-47.24	-44.81	60.67	16.19	3006.67	1033.63	1655.76	2384.54	916.75
		956	32.37	173.30	73.40	122.31	124.39	49.94	1914.04	856.67	1523.89	1246.82	510.21
1130	40	895	32.60	14.02	-37.46	-19.66	-3.78	24.48	2371.79	752.88	1236.01	1888.66	740.76
		905	41.64	39.42	-65.75	-57.22	30.89	28.71	2992.17	1027.59	1632.40	2387.36	906.86
		956	31.89	165.17	39.34	109.90	94.61	62.45	1890.89	859.28	1500.53	1249.65	500.32
1130	72	895	32.57	13.13	-39.74	-20.59	-6.01	25.41	2370.79	752.60	1234.38	1889.02	739.93
		905	41.60	37.82	-67.31	-58.16	28.66	29.64	2991.15	1027.34	1630.76	2387.72	906.03
		956	31.85	164.59	36.75	108.96	92.38	63.38	1889.20	859.69	1498.89	1250.00	499.49
1131	13	911	9.32	16.60	-71.18	-43.21	-11.37	-40.90	129.27	-458.57	126.11	-455.40	-43.03
		947	10.35	28.53	-53.99	-39.47	14.01	-31.42	124.47	-472.23	122.15	-469.91	-37.13
		889	9.19	17.16	-68.56	-42.54	-8.86	-39.41	132.03	-435.68	130.03	-433.68	-33.63
1131	45	911	8.81	14.61	-53.55	-33.62	-5.32	-31.00	119.68	-448.43	116.67	-445.42	-41.24
		947	9.93	28.06	-37.88	-29.88	20.06	-21.52	114.89	-462.11	112.72	-459.93	-35.35
		889	8.66	15.26	-51.01	-32.95	-2.81	-29.51	122.45	-425.56	120.59	-423.70	-31.85
1131	77	911	8.77	14.46	-52.22	-32.89	-4.86	-30.25	118.97	-447.70	115.97	-444.70	-41.12
		947	9.90	28.07	-36.70	-29.15	20.53	-20.77	114.19	-461.37	112.02	-459.21	-35.22
		889	8.63	15.12	-49.69	-32.22	-2.35	-28.76	121.74	-424.83	119.90	-422.98	-31.73
1132	1	913	9.77	36.58	-61.80	-49.22	24.00	-32.85	280.78	-191.80	280.71	-191.72	-6.02
		928	11.57	45.38	-60.67	-50.03	34.74	-31.86	343.78	-208.14	338.18	-202.54	55.32
		887	10.12	40.59	-59.17	-47.02	28.43	-32.63	348.81	-124.94	348.69	-124.82	7.47
1132	33	913	8.55	28.55	-42.79	-35.22	20.97	-21.98	258.70	-190.10	258.66	-190.06	3.97
		928	10.32	37.69	-42.00	-36.03	31.72	-20.98	324.26	-209.00	316.14	-200.88	65.32
		887	8.86	32.62	-40.23	-33.02	25.41	-21.75	327.32	-123.84	326.64	-123.16	17.46
1132	65	913	8.46	27.95	-41.36	-34.15	20.75	-21.15	257.06	-190.01	257.01	-189.96	4.72
		928	10.22	37.13	-40.60	-34.96	31.49	-20.16	322.82	-209.11	314.49	-200.77	66.07
		887	8.77	32.03	-38.80	-31.95	25.18	-20.93	325.73	-123.80	324.99	-123.06	18.21
1133	5	1444	42.69	66.76	-38.42	-37.15	65.49	-11.49	-570.98	-2964.00	-1132.88	-2402.10	-1014.35
		1425	41.02	-123.27	-214.55	-164.83	-173.00	-45.46	-1746.48	-2458.50	-1765.25	-2439.73	114.07
		33	320.51	223.56	-214.44	223.56	-214.44	0.18	3284.78	-1.855e+04	1350.00	-1.662e+04	-6205.20
		1426	131.05	213.85	140.78	197.61	157.02	30.37	8861.19	1134.00	2005.95	7989.24	2444.88
1133	37	1444	42.80	62.83	-34.57	-33.39	61.65	-10.65	-618.83	-2995.14	-1170.85	-2443.12	-1003.51
		1425	36.02	-102.95	-208.32	-156.66	-154.61	-52.67	-1551.36	-2185.39	-1792.65	-1944.10	307.84
		33	312.61	212.13	-201.23	212.13	-201.22	-0.20	3585.30	-1.787e+04	1826.95	-1.611e+04	-5884.38
		1426	133.05	207.07	122.92	181.80	148.19	38.58	9051.18	1352.64	2391.99	8011.83	2630.83
1133	69	1444	42.81	62.52	-34.27	-33.10	61.35	-10.59	-622.50	-2997.52	-1173.76	-2446.26	-1002.68
		1425	35.71	-101.36	-207.86	-156.03	-153.19	-53.23	-1522.92	-2177.88	-1794.78	-1906.03	322.72
		33	312.01	211.25	-200.21	211.25	-200.21	-0.23	3608.52	-1.781e+04	1863.44	-1.607e+04	-5859.77
		1426	133.22	206.60	121.49	180.58	147.51	39.21	9066.50	1368.70	2421.64	8013.56	2645.12
1134	5	1445	8.58	2.50	-7.58	-1.23	-3.85	4.87	68.49	-504.38	-144.36	-291.53	276.82
		1432	12.79	4.07	-18.45	-12.14	-2.23	10.11	239.50	-638.54	-274.99	-124.05	432.49
		1435	14.84	5.47	-17.62	-13.15	1.00	9.12	400.45	-664.40	-161.04	-102.90	531.63
		1446	17.50	3.80	-30.73	-14.68	-12.25	17.22	263.18	-908.32	-138.73	-506.41	556.15
1134	37	1445	7.89	2.30	-6.04	-0.51	-3.23	3.94	71.89	-461.80	-129.66	-260.25	258.73
		1432	12.27	4.53	-18.33	-11.54	-2.27	10.45	228.24	-609.43	-261.43	-119.76	412.80
		1435	14.17	6.14	-17.07	-12.08	1.15	9.53	369.51	-639.35	-171.43	-98.41	503.10
		1446	16.60	3.55	-28.66	-13.54	-11.57	16.08	257.67	-857.22	-124.33	-475.22	529.12
1134	69	1445	7.84	2.29	-5.93	-0.45	-3.18	3.88	72.13	-458.57	-128.59	-257.85	257.36
		1432	12.23	4.57	-18.33	-11.49	-2.27	10.48	227.36	-607.25	-260.45	-119.43	411.30
		1435	14.12	6.19	-17.03	-12.00	1.16	9.57	367.16	-637.42	-172.19	-98.07	500.92
		1446	16.53	3.53	-28.51	-13.45	-11.52	15.99	257.21	-853.33	-123.30	-472.82	527.05
1135	5	1436	17.22	9.65	-12.42	-2.96	0.19	10.92	424.75	-808.39	-343.45	-40.19	597.63
		1440	16.48	11.38	-9.62	1.85	-0.09	10.45	414.13	-772.24	-326.81	-31.30	574.49
		1410	8.97	27.95	-0.24	27.95	-0.24	-0.17	129.37	-457.68	-332.18	3.88	240.67
		1429	8.84	15.70	-0.77	15.48	-0.55	1.90	137.51	-481.29	-350.86	7.09	252.38
1135	37	1436	16.59	10.40	-11.88	-1.59	0.11	11.11	415.38	-771.57	-317.25	-38.94	576.93
		1440	15.89	12.72	-9.43	3.23	0.05	10.96	404.92	-735.82	-300.58	-30.32	554.13

		1410	8.36	30.30	-0.15	30.29	-0.14	0.44	119.27	-419.43	-305.14	4.99	220.23
		1429	8.28	17.88	-0.44	17.76	-0.32	1.47	127.38	-442.67	-323.84	8.54	231.56
1135	69	1436	16.55	10.46	-11.84	-1.48	0.11	11.12	414.64	-768.80	-315.31	-38.84	575.35
		1440	15.85	12.82	-9.42	3.34	0.06	11.00	404.20	-733.08	-298.64	-30.24	552.58
		1410	8.32	30.48	-0.14	30.47	-0.13	0.48	118.49	-416.55	-303.14	5.07	218.67
		1429	8.24	18.05	-0.41	17.94	-0.30	1.44	126.59	-439.77	-321.84	8.66	229.97
1136	25	1407	0.48	0.36	-0.22	0.30	-0.16	-0.17	20.96	-14.04	-9.34	16.26	11.93
		1416	3.75	0.71	-0.15	0.10	0.46	-0.39	54.67	-217.26	-179.00	16.41	94.55
		1445	9.93	-0.15	-6.64	-2.69	-4.10	3.17	149.04	-552.94	-151.64	-252.26	347.37
		1415	4.92	1.06	-1.11	-1.04	0.98	-0.39	32.55	-305.14	16.93	-289.52	70.94
1136	57	1407	0.43	0.63	-0.07	0.52	0.04	-0.25	23.49	-6.33	-3.91	21.07	8.14
		1416	3.65	0.91	-0.06	0.29	0.56	-0.46	57.10	-208.14	-173.66	22.62	89.20
		1445	9.77	-0.09	-6.35	-2.46	-3.98	3.04	146.86	-544.22	-150.33	-247.03	342.14
		1415	4.85	1.32	-0.93	-0.79	1.19	-0.53	32.54	-299.52	18.48	-285.46	66.87
1136	89	1407	0.43	0.65	-0.06	0.54	0.05	-0.26	23.70	-5.78	-3.51	21.43	7.86
		1416	3.64	0.92	-0.05	0.31	0.56	-0.47	57.29	-207.47	-173.27	23.09	88.80
		1445	9.75	-0.08	-6.33	-2.44	-3.98	3.03	146.70	-543.57	-150.24	-246.63	341.75
		1415	4.84	1.34	-0.91	-0.78	1.20	-0.54	32.54	-299.11	18.58	-285.15	66.57
1137	5	1430	30.89	49.88	-55.63	-21.72	15.97	-49.27	626.70	-1364.06	62.72	-800.08	897.03
		1406	14.34	24.56	-24.98	-8.38	7.96	-23.38	-179.21	-956.28	-200.02	-935.47	125.43
		1425	47.97	-5.24	-152.07	-21.98	-135.33	-46.67	356.54	-2600.83	352.59	-2596.88	107.98
		1444	31.58	133.64	-46.55	-12.54	99.63	-70.51	399.59	-1426.01	386.32	-1412.75	155.07
1137	37	1430	31.08	41.90	-57.03	-20.75	5.62	-47.67	704.43	-1337.06	86.16	-718.79	938.05
		1406	13.75	28.23	-16.95	-4.11	15.39	-20.38	-136.25	-879.84	-173.25	-842.85	161.69
		1425	46.36	-3.88	-140.22	-15.32	-128.78	-37.81	344.80	-2515.08	337.85	-2508.12	140.88
		1444	29.83	118.49	-40.28	-8.95	87.16	-63.18	394.13	-1358.40	372.54	-1336.81	193.34
1137	69	1430	31.10	41.30	-57.16	-20.68	4.82	-47.55	710.47	-1335.06	87.96	-712.54	941.19
		1406	13.71	28.52	-16.35	-3.78	15.96	-20.15	-132.72	-874.21	-171.20	-835.73	164.47
		1425	46.24	-3.74	-139.34	-14.81	-128.27	-37.12	343.95	-2508.53	336.72	-2501.30	143.40
		1444	29.70	117.32	-39.80	-8.68	86.20	-62.62	393.82	-1353.31	371.49	-1330.97	196.27
1138	5	1418	8.92	-0.10	-28.64	-28.58	-0.16	1.33	111.92	-458.31	-342.24	-4.15	229.60
		1419	10.05	0.33	-45.46	-45.44	0.31	0.89	126.96	-484.96	-356.88	-1.12	248.94
		1434	17.09	4.32	-27.78	-23.35	-0.11	11.07	408.10	-787.85	-344.24	-35.51	577.71
		1431	16.20	5.23	-24.92	-18.93	-0.77	12.04	366.54	-759.21	-328.33	-64.34	547.18
1138	37	1418	8.21	-0.01	-25.56	-25.50	-0.07	1.21	103.67	-423.07	-317.56	-1.84	210.81
		1419	9.33	0.22	-42.30	-42.27	0.20	1.01	116.95	-450.01	-332.42	-0.64	229.87
		1434	16.47	4.79	-26.48	-21.67	-0.02	11.28	398.23	-753.57	-320.29	-35.05	557.96
		1431	15.56	5.45	-23.34	-17.33	-0.56	11.70	358.51	-724.45	-304.13	-61.81	527.75
1138	69	1418	8.16	-5.10e-03	-25.33	-25.27	-0.06	1.20	103.02	-420.44	-315.76	-1.67	209.38
		1419	9.28	0.22	-42.06	-42.04	0.19	1.01	116.17	-447.41	-330.64	-0.61	228.42
		1434	16.42	4.82	-26.38	-21.54	-0.02	11.30	397.46	-751.01	-318.54	-35.01	556.46
		1431	15.51	5.46	-23.22	-17.21	-0.54	11.67	357.87	-721.85	-302.36	-61.62	526.27
1139	5	1446	17.01	7.07	-22.83	-13.98	-1.78	13.65	530.56	-688.81	16.23	-174.48	602.18
		1435	20.30	3.81	-20.66	-14.44	-2.41	10.65	475.18	-980.77	-276.28	-229.31	727.60
		1412	9.50	2.39	-13.68	-13.58	2.30	1.25	347.31	-337.71	-258.31	267.91	219.28
		1413	17.94	-3.53	-39.43	-38.25	-4.71	6.40	285.59	-988.40	-184.82	-517.98	614.83
1139	37	1446	16.20	7.18	-21.65	-12.95	-1.53	13.24	490.31	-668.25	5.20	-183.13	571.57
		1435	19.69	4.22	-20.43	-13.41	-2.81	11.13	447.57	-957.02	-285.93	-223.51	701.60
		1412	8.97	2.15	-12.04	-12.01	2.12	0.65	342.02	-307.99	-241.27	275.30	197.28
		1413	17.26	-3.35	-37.58	-36.64	-4.28	5.59	268.29	-961.37	-167.82	-525.25	588.28
1139	69	1446	16.14	7.19	-21.57	-12.87	-1.51	13.21	487.25	-666.65	4.39	-183.79	569.23
		1435	19.65	4.26	-20.42	-13.33	-2.84	11.17	445.48	-955.18	-286.64	-223.07	699.61
		1412	8.93	2.14	-11.91	-11.88	2.11	0.60	341.64	-305.80	-240.02	275.86	195.60
		1413	17.21	-3.33	-37.44	-36.52	-4.25	5.53	266.95	-959.35	-166.59	-525.80	586.25
1140	5	1416	4.21	1.18	-0.03	0.45	0.70	-0.59	47.69	-251.48	-205.60	1.81	107.80
		1417	6.44	0.31	-8.06	-8.06	0.30	0.16	78.15	-363.72	-291.22	5.65	163.64
		1432	13.38	3.93	-16.32	-11.27	-1.13	8.77	285.14	-654.13	-258.17	-110.82	463.82
		1445	9.28	-0.17	-9.21	-5.51	-3.87	4.44	126.06	-516.11	-177.35	-212.71	320.60
1140	37	1416	3.97	1.47	0.37	1.18	0.66	-0.49	51.65	-231.12	-190.50	11.02	99.18
		1417	6.09	0.26	-7.39	-7.37	0.25	0.35	75.81	-342.80	-277.12	10.14	152.25
		1432	13.01	4.31	-16.03	-10.66	-1.06	8.97	279.72	-632.03	-245.02	-107.29	450.64
		1445	8.98	0.41	-8.87	-4.85	-3.61	4.60	126.76	-494.79	-163.50	-204.53	310.10
1140	69	1416	3.95	1.50	0.39	1.23	0.66	-0.48	51.96	-229.62	-189.40	11.73	98.53
		1417	6.07	0.26	-7.34	-7.32	0.24	0.36	75.63	-341.25	-276.09	10.48	151.38
		1432	12.99	4.34	-16.00	-10.61	-1.05	8.98	279.29	-630.38	-244.08	-107.02	449.64
		1445	8.95	0.46	-8.85	-4.80	-3.60	4.61	126.80	-493.20	-162.51	-203.90	309.31
1141	5	1431	14.65	5.88	-24.84	-18.35	-0.62	12.54	305.22	-696.10	-309.85	-81.03	487.41
		1434	15.21	4.22	-27.48	-23.37	0.11	10.65	332.27	-717.63	-329.62	-55.73	506.77
		1436	15.20	8.97	-11.91	-2.74	-0.19	10.36	351.87	-727.92	-328.82	-47.24	521.21
		1447	15.66	8.53	-17.21	-7.43	-1.25	12.49	346.64	-747.50	-308.25	-92.60	536.34
1141	37	1431	13.84	5.78	-23.01	-16.74	-0.50	11.89	292.41	-655.21	-286.18	-76.62	462.08
		1434	14.49	4.71	-26.27	-21.57	0.01	11.11	317.85	-678.01	-306.16	-54.00	481.70
		1436	14.47	10.08	-11.66	-1.47	-0.11	10.85	336.64	-687.17	-305.27	-45.26	495.12
		1447	14.85	8.62	-15.87	-6.24	-1.01	11.96	333.25	-705.45	-284.45	-87.75	509.95
1141	69	1431	13.78	5.77	-22.88	-16.62	-0.49	11.84	291.41	-652.15	-284.46	-76.28	460.15
		1434	14.43	4.75	-26.18	-21.43	3.80e-03	11.14	316.73	-675.04	-304.45	-53.86	479.79
		1436	14.42	10.17	-11.64	-1.37	-0.11	10.89	335.45	-684.11	-303.55	-45.11	493.13

		1447	14.79	8.63	-15.77	-6.15	-1.00	11.92	332.20	-702.29	-282.71	-87.38	507.94
1142	5	1417	6.75	0.07	-10.58	-10.51	4.18e-03	0.82	81.14	-375.99	-286.25	-8.59	181.57
		1418	8.57	0.36	-26.09	-26.06	0.34	0.73	108.82	-444.77	-332.29	-3.67	222.75
		1431	16.10	5.00	-23.39	-18.22	-0.16	10.96	377.19	-751.09	-311.20	-62.70	550.29
		1432	13.83	4.75	-19.31	-12.50	-2.06	10.84	283.15	-674.19	-259.27	-131.78	474.40
1142	37	1417	6.22	0.19	-8.76	-8.69	0.12	0.77	77.82	-346.20	-265.96	-2.42	166.09
		1418	8.01	0.23	-24.22	-24.19	0.19	0.91	99.84	-415.61	-312.60	-3.16	206.12
		1431	15.55	5.40	-22.51	-16.97	-0.14	11.13	367.34	-720.98	-291.89	-61.75	531.85
		1432	13.26	4.77	-17.90	-11.31	-1.83	10.30	278.17	-643.01	-239.48	-125.36	457.05
1142	69	1417	6.18	0.20	-8.62	-8.56	0.13	0.77	77.56	-344.00	-264.49	-1.94	164.91
		1418	7.96	0.22	-24.08	-24.05	0.18	0.92	99.15	-413.45	-311.18	-3.12	204.85
		1431	15.51	5.43	-22.44	-16.88	-0.14	11.15	366.56	-718.73	-290.50	-61.67	530.45
		1432	13.22	4.77	-17.80	-11.22	-1.82	10.26	277.76	-640.68	-238.05	-124.87	455.72
1143	5	1447	17.73	7.70	-15.67	-7.61	-0.36	11.11	442.05	-824.95	-300.81	-82.09	623.99
		1436	17.24	9.19	-11.48	-2.50	0.22	10.25	428.43	-810.56	-335.04	-47.09	602.53
		1429	8.77	16.70	-0.87	16.25	-0.43	2.75	145.37	-473.91	-340.04	11.50	254.91
		1411	9.23	3.78	-1.29	3.17	-0.68	1.65	152.48	-522.81	-349.39	-20.94	295.01
1143	37	1447	17.10	8.28	-15.05	-6.38	-0.40	11.28	431.49	-788.90	-277.29	-80.13	602.18
		1436	16.63	10.14	-11.34	-1.27	0.06	10.72	417.11	-775.16	-311.74	-46.31	581.17
		1429	8.23	18.28	-0.35	18.12	-0.19	1.72	133.47	-436.05	-315.15	12.56	232.89
		1411	8.57	5.49	-0.74	5.19	-0.44	1.33	140.94	-483.84	-324.24	-18.65	272.47
1143	69	1447	17.05	8.33	-15.01	-6.28	-0.40	11.29	430.65	-786.20	-275.57	-79.98	600.51
		1436	16.58	10.21	-11.33	-1.17	0.05	10.76	416.22	-772.51	-310.04	-46.25	579.54
		1429	8.19	18.41	-0.31	18.26	-0.17	1.64	132.55	-433.23	-313.33	12.64	231.21
		1411	8.53	5.63	-0.71	5.35	-0.43	1.31	140.05	-480.92	-322.40	-18.48	270.76
1144	5	1440	16.60	11.45	-10.83	2.74	-2.12	10.87	412.90	-777.27	-239.21	-125.16	592.35
		1439	15.23	16.17	-6.09	11.60	-1.52	8.99	389.15	-713.18	-200.74	-123.30	549.80
		1428	8.27	40.23	-0.55	39.87	-0.19	-3.82	102.58	-394.54	-252.54	-39.43	224.57
		1410	8.69	27.80	-0.70	27.80	-0.70	-0.18	119.06	-455.39	-290.24	-46.08	259.99
1144	37	1440	16.01	12.65	-10.11	4.40	-1.86	10.94	404.94	-741.26	-215.85	-120.47	571.11
		1439	14.69	17.70	-6.08	13.19	-1.56	9.33	381.80	-678.80	-177.59	-119.41	529.50
		1428	7.70	42.90	-0.33	42.64	-0.07	-3.37	94.29	-356.20	-226.81	-35.10	203.83
		1410	8.15	30.31	-0.42	30.28	-0.40	-0.88	110.55	-416.05	-264.60	-40.90	238.36
1144	69	1440	15.96	12.74	-10.06	4.53	-1.84	10.95	404.33	-738.54	-214.11	-120.11	569.50
		1439	14.65	17.82	-6.08	13.31	-1.56	9.36	381.22	-676.20	-175.87	-119.11	527.95
		1428	7.65	43.11	-0.31	42.85	-0.06	-3.34	93.65	-353.31	-224.89	-34.77	202.25
		1410	8.11	30.50	-0.40	30.47	-0.38	-0.93	109.89	-413.08	-262.68	-40.51	236.72
1145	5	1419	10.29	-0.35	-47.49	-47.46	-0.38	1.13	130.08	-494.57	-362.04	-2.45	255.38
		1420	10.90	0.14	-64.16	-64.14	0.11	1.31	145.08	-489.93	-337.91	-6.93	270.97
		1442	17.55	3.60	-32.31	-28.61	-0.09	10.91	432.97	-796.78	-325.56	-38.25	597.86
		1434	17.18	4.80	-29.11	-23.83	-0.48	12.30	402.47	-791.83	-348.64	-40.72	576.96
1145	37	1419	9.49	-0.10	-43.30	-43.27	-0.14	1.24	120.75	-456.15	-334.40	-1.00	235.40
		1420	10.08	0.06	-59.90	-59.87	0.03	1.33	134.93	-451.29	-310.29	-6.07	250.55
		1442	16.90	4.11	-30.62	-26.55	0.04	11.16	423.69	-760.09	-298.89	-37.51	577.28
		1434	16.50	5.00	-27.23	-21.91	-0.32	11.97	393.77	-755.16	-321.97	-39.42	556.82
1145	69	1419	9.43	-0.08	-42.99	-42.95	-0.12	1.25	120.03	-453.27	-332.36	-0.89	233.88
		1420	10.02	0.05	-59.58	-59.55	0.03	1.33	134.15	-448.40	-308.25	-6.00	249.00
		1442	16.85	4.15	-30.49	-26.40	0.05	11.18	422.96	-757.34	-296.92	-37.46	575.71
		1434	16.45	5.01	-27.09	-21.76	-0.31	11.94	393.09	-752.40	-319.99	-39.32	555.29
1146	25	1422	14.76	39.23	-91.47	-85.33	33.09	-27.66	241.45	-710.91	-464.78	-4.68	416.92
		1423	16.45	-62.80	-229.49	-222.26	-70.03	33.94	458.71	-186.95	-172.19	443.96	96.49
		1448	30.55	20.93	-60.07	3.16	-42.29	33.52	767.41	-1354.10	-526.29	-60.40	1034.86
		1443	20.49	-12.47	-63.32	-58.39	-17.40	15.04	638.86	-783.91	-269.02	123.97	683.71
1146	57	1422	13.55	40.87	-81.53	-74.87	34.21	-27.77	232.13	-661.09	-427.01	-1.95	392.80
		1423	15.14	-59.31	-215.83	-209.33	-65.81	31.23	447.12	-145.10	-136.03	438.05	72.75
		1448	29.60	21.36	-55.80	4.92	-39.36	31.59	739.74	-1321.05	-511.27	-70.05	1006.50
		1443	19.73	-11.96	-62.24	-56.41	-17.79	16.10	612.60	-748.49	-253.61	117.72	654.73
1146	89	1422	13.46	40.99	-80.79	-74.09	34.29	-27.78	231.43	-657.32	-424.15	-1.73	390.97
		1423	15.05	-59.05	-214.82	-208.37	-65.50	31.03	446.30	-141.98	-133.29	437.61	70.96
		1448	29.53	21.39	-55.49	5.05	-39.14	31.45	737.65	-1318.57	-510.16	-70.76	1004.36
		1443	19.67	-11.92	-62.17	-56.27	-17.82	16.18	610.60	-745.81	-252.46	117.25	652.53
1147	5	1434	15.34	5.22	-28.93	-23.79	0.08	12.21	329.45	-718.93	-338.89	-50.59	503.98
		1442	15.53	3.60	-32.14	-28.68	0.15	10.56	350.83	-720.00	-316.34	-52.84	518.95
		1440	14.58	10.95	-9.62	1.64	-0.31	10.24	337.56	-701.05	-321.75	-41.74	500.07
		1436	15.40	10.71	-14.11	-2.86	-0.54	12.35	348.25	-733.78	-339.81	-45.72	520.65
1147	37	1434	14.52	5.25	-26.96	-21.76	0.04	11.86	316.19	-676.96	-312.33	-48.44	478.73
		1442	14.78	4.11	-30.47	-26.51	0.15	11.01	337.51	-678.35	-289.80	-51.03	493.70
		1440	13.86	12.47	-9.47	3.08	-0.07	10.86	323.72	-659.18	-295.44	-40.02	474.57
		1436	14.60	10.98	-12.84	-1.53	-0.33	11.90	334.74	-691.71	-313.46	-43.50	495.16
1147	69	1434	14.46	5.25	-26.81	-21.60	0.04	11.83	315.16	-673.80	-310.37	-48.27	476.80
		1442	14.72	4.15	-30.34	-26.34	0.15	11.05	336.48	-675.21	-287.84	-50.89	491.77
		1440	13.81	12.59	-9.46	3.19	-0.06	10.90	322.65	-656.03	-293.49	-39.89	472.63
		1436	14.54	11.00	-12.75	-1.43	-0.32	11.86	333.69	-688.53	-311.51	-43.33	493.21
1148	7	1433	8.79	59.35	20.47	59.11	20.71	-3.03	-13.44	-545.81	-18.61	-540.63	52.24
		1444	21.83	2.28	-20.46	-16.53	-1.64	8.59	956.04	-709.79	677.78	-431.53	621.37
		1426	38.71	127.99	-3.41	127.94	-3.36	-2.53	830.19	-1769.39	548.36	-1487.57	-808.21
		1408	14.91	51.75	-14.35	51.73	-14.34	1.01	1003.36	150.37	351.83	801.89	362.30

1148	39	1433	8.21	48.23	20.15	48.22	20.16	-0.53	-71.79	-557.19	-74.34	-554.64	35.13
		1444	21.32	13.13	-35.96	-26.14	3.31	19.63	906.24	-690.01	628.10	-411.86	605.49
		1426	37.56	140.31	4.48	139.67	5.12	9.29	786.83	-1767.07	488.08	-1468.33	-820.80
		1408	14.69	63.53	-11.51	63.29	-11.27	4.22	970.81	113.10	297.14	786.77	352.11
1148	71	1433	8.22	47.39	20.12	47.39	20.12	-0.34	-76.25	-558.11	-78.63	-555.72	33.81
		1444	21.29	13.96	-37.14	-26.87	3.68	20.48	902.42	-688.50	624.27	-410.35	604.27
		1426	37.48	141.33	5.00	140.57	5.76	10.19	783.55	-1766.92	483.47	-1466.85	-821.76
		1408	14.68	64.44	-11.30	64.17	-11.04	4.46	968.36	110.18	292.94	785.60	351.34
1149	25	1437	12.02	25.73	-2.57	25.20	-2.04	3.83	265.24	-587.12	5.13	-327.01	392.49
		1433	11.07	32.27	-3.28	31.84	-2.86	3.87	285.00	-467.69	155.90	-338.58	283.74
		1408	6.89	90.67	3.46	90.08	4.05	-7.15	71.31	-168.42	46.92	-144.03	-72.47
		1427	7.16	75.30	-2.34	73.62	-0.66	-11.30	146.94	-193.61	-66.58	19.91	164.69
1149	57	1437	11.84	24.83	-2.76	23.96	-1.89	4.81	267.82	-567.54	21.35	-321.07	380.98
		1433	10.82	30.84	-1.85	30.51	-1.52	3.27	298.31	-444.40	173.01	-319.09	278.14
		1408	6.95	86.70	3.89	86.07	4.52	-7.21	102.56	-147.16	81.20	-125.80	-69.83
		1427	6.54	71.35	-2.30	70.01	-0.96	-9.85	153.71	-165.05	-38.41	27.07	155.98
1149	89	1437	11.83	24.77	-2.78	23.87	-1.88	4.88	268.03	-566.08	22.58	-320.63	380.11
		1433	10.80	30.74	-1.74	30.41	-1.42	3.23	299.33	-442.64	174.30	-317.61	277.73
		1408	6.96	86.42	3.92	85.78	4.56	-7.22	104.94	-145.55	83.80	-124.41	-69.64
		1427	6.49	71.07	-2.30	69.75	-0.98	-9.75	154.25	-162.92	-36.27	27.61	155.34
1150	31	1449	17.01	3.73	-18.59	1.50	-16.36	-6.69	368.26	-878.36	-152.18	-357.93	614.76
		1430	27.65	35.93	-59.91	16.83	-40.80	-38.29	663.53	-1229.09	-60.67	-504.88	919.88
		1444	20.37	36.12	-22.42	-10.23	23.93	-23.77	87.88	-1154.99	-37.98	-1029.13	374.95
		1433	13.01	44.48	-8.97	43.41	-7.90	7.49	426.27	-452.37	155.31	-181.41	405.78
1150	63	1449	16.35	2.08	-14.68	-0.93	-11.66	-6.44	347.80	-846.14	-143.37	-354.97	587.52
		1430	26.94	37.01	-52.82	14.73	-30.54	-38.79	651.39	-1177.79	-48.19	-478.21	888.96
		1444	20.20	42.33	-24.92	-15.98	33.39	-22.83	84.12	-1115.15	-27.20	-1003.83	348.01
		1433	12.52	38.83	-5.11	36.53	-2.81	9.78	417.51	-428.17	162.38	-173.03	388.16
1150	95	1449	16.30	1.98	-14.41	-1.11	-11.32	-6.42	346.25	-843.71	-142.72	-354.75	585.46
		1430	26.88	37.11	-52.32	14.58	-29.79	-38.83	650.46	-1173.93	-47.27	-476.21	886.62
		1444	20.18	42.83	-25.15	-16.41	34.09	-22.76	83.82	-1112.19	-26.44	-1001.93	345.99
		1433	12.49	38.44	-4.86	36.02	-2.43	9.95	416.83	-426.37	162.87	-172.40	386.84
1151	7	1443	19.99	1.67	-39.98	-36.09	-2.22	12.12	491.30	-885.55	-603.27	209.02	555.86
		1448	22.84	-4.26	-95.75	-14.40	-85.61	28.72	778.50	-916.46	-567.59	429.63	685.28
		1430	27.58	40.27	-51.74	31.95	-43.42	-26.39	701.60	-1161.31	-481.04	21.34	896.95
		1449	17.33	8.77	-26.75	5.24	-23.23	10.62	491.38	-778.86	-308.31	20.83	613.43
1151	39	1443	18.51	4.51	-37.67	-35.90	2.74	8.45	456.84	-822.60	-527.30	161.54	539.08
		1448	21.07	-6.10	-85.53	-13.95	-77.69	23.69	722.43	-844.71	-495.44	373.15	652.20
		1430	26.40	41.62	-48.16	29.81	-36.35	-30.35	628.77	-1127.43	-466.96	-31.70	850.71
		1449	16.65	5.13	-23.43	2.44	-20.74	8.34	467.73	-756.70	-273.10	-15.87	598.55
1151	71	1443	18.40	4.76	-37.53	-35.89	3.12	8.18	454.31	-817.90	-521.49	157.89	537.81
		1448	20.93	-6.24	-84.76	-13.91	-77.09	23.31	718.19	-839.28	-489.91	368.82	649.67
		1430	26.31	41.75	-47.92	29.64	-35.81	-30.65	623.22	-1124.86	-465.88	-35.77	847.17
		1449	16.60	4.85	-23.18	2.22	-20.55	8.17	465.98	-755.09	-270.42	-18.69	597.42
1152	5	1421	12.50	3.40	-82.16	-82.05	3.29	-3.05	214.48	-535.89	-331.47	10.06	334.07
		1422	13.30	-4.82	-101.66	-101.61	-4.86	-2.17	290.63	-503.25	-281.80	69.19	356.04
		1443	21.18	5.22	-43.01	-37.25	-0.53	15.63	559.69	-933.84	-199.42	-174.73	746.67
		1441	17.74	4.14	-34.01	-29.78	-0.08	11.98	463.90	-778.26	-298.75	-15.61	604.73
1152	37	1421	11.48	3.67	-76.36	-76.28	3.59	-2.50	201.84	-488.28	-294.25	7.81	310.25
		1422	12.26	-5.30	-95.68	-95.65	-5.33	-1.81	285.03	-448.40	-242.99	79.62	329.33
		1443	20.37	4.44	-40.18	-34.77	-0.97	14.57	554.01	-890.76	-169.55	-167.20	722.38
		1441	16.99	3.87	-31.57	-27.20	-0.51	11.66	455.10	-737.95	-269.60	-13.25	582.59
1152	69	1421	11.40	3.69	-75.92	-75.84	3.61	-2.46	200.88	-484.66	-291.41	7.63	308.44
		1422	12.18	-5.34	-95.23	-95.20	-5.37	-1.78	284.60	-444.22	-240.03	80.41	327.30
		1443	20.31	4.38	-39.96	-34.58	-1.00	14.48	553.58	-887.48	-167.28	-166.62	720.53
		1441	16.94	3.85	-31.39	-27.00	-0.54	11.63	454.44	-734.88	-267.38	-13.07	580.91
1153	12	1423	40.31	-202.88	-231.92	-219.95	-214.85	-14.29	-523.55	-2413.40	-1390.69	-1546.26	941.72
		1405	58.91	220.23	-239.59	-230.40	211.05	64.35	3396.60	578.62	861.18	3114.04	-846.41
		1424	41.27	221.44	17.11	106.04	132.50	-101.31	723.59	-1624.46	-485.53	-415.34	1173.50
		1448	20.58	-3.80	-106.14	-3.97	-105.97	4.20	1152.42	-248.50	473.11	430.81	700.14
1153	56	1423	38.59	-181.18	-220.49	-199.36	-202.32	-19.60	-253.43	-2313.02	-1057.65	-1508.80	1004.79
		1405	57.25	232.49	-219.62	-211.38	224.24	60.49	3498.80	671.15	1216.77	2953.18	-1115.85
		1424	36.06	224.21	29.54	109.44	144.31	-95.76	425.21	-1483.40	-533.04	-525.15	954.29
		1448	20.67	0.48	-97.49	-0.20	-96.82	8.09	1157.26	-302.25	461.48	393.53	728.96
1153	88	1423	38.59	-181.23	-221.07	-199.80	-202.50	-19.88	-245.19	-2311.11	-1048.75	-1507.54	1007.17
		1405	57.15	232.33	-220.04	-211.78	224.07	60.57	3497.40	675.75	1225.64	2947.51	-1117.68
		1424	36.05	224.15	30.02	109.38	144.79	-95.43	421.38	-1486.16	-534.11	-530.68	953.77
		1448	20.71	0.37	-97.63	-0.30	-96.96	8.06	1158.90	-303.67	461.89	393.33	730.48
1154	25	1439	15.03	20.03	-5.54	15.23	-0.73	9.99	388.66	-701.50	-265.88	-46.96	533.98
		1438	13.99	24.70	-6.12	20.02	-1.44	11.06	355.60	-644.40	-196.30	-92.51	497.30
		1409	7.76	64.21	0.63	64.16	0.68	1.81	96.32	-311.29	-216.21	1.24	172.38
		1428	8.44	51.55	0.57	51.55	0.57	-0.37	94.25	-381.13	-282.74	-4.13	192.59
1154	57	1439	14.64	19.94	-5.77	14.49	-0.32	10.51	384.43	-672.82	-242.65	-45.73	519.38
		1438	13.55	23.59	-5.49	19.22	-1.12	10.39	354.42	-616.30	-172.77	-89.10	483.55
		1409	7.17	60.72	0.40	60.70	0.42	1.13	94.24	-279.73	-190.59	5.10	159.34
		1428	7.78	48.10	0.22	48.10	0.22	0.04	90.29	-349.37	-257.41	-1.67	178.81
1154	89	1439	14.61	19.93	-5.79	14.44	-0.29	10.55	384.11	-670.68	-240.92	-45.64	518.28

		1438	13.52	23.51	-5.45	19.16	-1.10	10.34	354.33	-614.20	-171.02	-88.84	482.52
		1409	7.13	60.48	0.38	60.46	0.40	1.08	94.08	-277.37	-188.68	5.39	158.36
		1428	7.74	47.86	0.20	47.86	0.20	0.08	89.98	-346.99	-255.52	-1.49	177.77
1155	5	1415	6.54	5.76	3.33	5.54	3.55	-0.71	-1.66	-429.25	-76.01	-354.91	162.06
		1445	8.59	-1.71	-10.57	-6.70	-5.59	4.40	81.19	-497.15	-161.05	-254.91	285.33
		1446	18.05	3.65	-16.89	0.11	-13.36	7.75	320.33	-947.68	-38.47	-588.88	571.16
		1414	15.54	-1.55	-10.09	-9.90	-1.74	1.25	151.19	-939.09	141.02	-928.91	104.85
1155	37	1415	6.10	6.38	2.51	5.88	3.01	-1.30	-0.15	-398.82	-70.25	-328.72	151.76
		1445	8.13	-1.17	-10.22	-6.39	-5.00	4.47	83.87	-464.21	-155.95	-224.39	271.90
		1446	17.53	4.16	-16.75	0.27	-12.85	8.14	310.76	-917.71	-46.62	-560.33	557.95
		1414	15.04	-1.95	-10.08	-9.74	-2.29	1.63	142.56	-912.91	134.12	-904.48	93.98
1155	69	1415	6.07	6.42	2.45	5.90	2.97	-1.34	-0.04	-396.50	-69.83	-326.71	150.99
		1445	8.09	-1.13	-10.19	-6.36	-4.96	4.48	84.10	-461.72	-155.57	-222.04	270.88
		1446	17.49	4.21	-16.74	0.28	-12.81	8.17	310.07	-915.43	-47.23	-558.13	556.96
		1414	15.00	-1.98	-10.08	-9.73	-2.33	1.66	141.91	-910.92	133.60	-902.61	93.19
1156	7	1448	33.57	10.07	-124.18	-16.04	-98.07	-53.14	1006.89	-1235.53	11.02	-239.66	1114.18
		1424	15.77	118.86	-22.40	-22.04	118.50	-7.10	643.36	-394.95	163.94	84.47	517.64
		1406	17.85	23.83	-6.60	13.13	4.09	-14.53	256.65	-982.07	25.52	-750.94	482.58
		1430	30.77	46.15	-53.18	2.88	-9.91	-49.25	833.53	-1237.96	231.77	-636.19	940.44
1156	39	1448	32.12	15.70	-118.49	-13.26	-89.54	-55.20	926.04	-1193.51	-6.68	-260.79	1052.13
		1424	14.72	127.51	-20.67	-20.04	126.89	-9.60	547.45	-358.70	142.05	46.70	450.56
		1406	17.33	26.97	-7.16	10.03	9.78	-17.06	185.75	-970.31	4.45	-789.01	420.38
		1430	29.69	49.06	-50.03	0.29	-1.26	-49.54	767.18	-1205.41	215.69	-653.92	885.28
1156	71	1448	32.01	16.13	-118.07	-13.05	-88.89	-55.36	919.84	-1190.30	-8.04	-262.42	1047.38
		1424	14.64	128.18	-20.54	-19.89	127.53	-9.80	540.11	-355.97	140.36	43.78	445.43
		1406	17.30	27.26	-7.25	9.79	10.22	-17.26	180.47	-969.59	2.83	-791.95	415.62
		1430	29.61	49.31	-49.82	0.10	-0.60	-49.56	762.12	-1202.95	214.45	-655.28	881.06
1157	25	1438	13.65	23.94	-3.98	19.96	-2.19e-03	9.76	349.20	-638.66	-232.57	-56.89	486.06
		1437	12.71	25.47	-6.45	20.80	-1.78	11.28	319.69	-572.94	-114.78	-138.47	446.15
		1427	6.31	76.49	1.13	76.27	1.35	4.05	78.99	-201.08	-120.78	-1.30	126.65
		1409	7.92	64.81	0.13	64.73	0.22	2.35	99.36	-308.39	-230.74	21.71	160.10
1157	57	1438	13.36	23.31	-4.20	18.84	0.27	10.14	349.86	-612.86	-208.86	-54.14	475.10
		1437	12.39	24.02	-5.75	19.60	-1.34	10.58	323.66	-549.19	-90.78	-134.75	435.87
		1427	5.74	72.76	0.94	72.59	1.10	3.40	80.77	-172.67	-94.75	2.85	116.95
		1409	7.30	61.06	-0.19	60.94	-0.07	2.69	98.82	-278.72	-204.84	24.94	149.78
1157	89	1438	13.34	23.26	-4.21	18.76	0.29	10.17	349.92	-610.92	-207.08	-53.93	474.28
		1437	12.37	23.92	-5.70	19.52	-1.30	10.53	323.97	-547.42	-88.98	-134.47	435.10
		1427	5.70	72.49	0.93	72.33	1.09	3.36	80.91	-170.55	-92.79	3.16	116.22
		1409	7.25	60.79	-0.21	60.67	-0.09	2.72	98.78	-276.49	-202.90	25.19	149.00
1158	5	1432	12.57	5.70	-18.74	-11.63	-1.41	11.10	239.15	-619.05	-237.29	-142.61	426.48
		1431	14.60	4.63	-23.03	-18.25	-0.16	10.47	311.48	-699.24	-312.28	-75.48	491.29
		1447	15.29	7.19	-14.65	-7.47	0.02	10.26	358.53	-724.35	-300.99	-64.83	528.41
		1435	15.74	6.06	-21.49	-12.09	-3.34	13.07	332.33	-759.51	-226.67	-200.51	545.77
1158	37	1432	11.82	5.49	-17.16	-10.43	-1.24	10.36	228.60	-580.94	-217.49	-134.85	402.65
		1431	13.93	5.11	-22.30	-16.89	-0.30	10.91	297.09	-662.64	-292.98	-72.57	467.03
		1447	14.58	7.97	-14.35	-6.41	0.03	10.68	342.43	-686.10	-281.89	-61.78	502.35
		1435	14.98	5.94	-20.11	-11.09	-3.08	12.39	320.40	-720.08	-207.10	-192.58	520.19
1158	69	1432	11.77	5.48	-17.05	-10.34	-1.23	10.30	227.76	-578.08	-216.06	-134.26	400.84
		1431	13.88	5.15	-22.25	-16.78	-0.31	10.95	295.96	-659.89	-291.59	-72.34	465.18
		1447	14.53	8.03	-14.33	-6.33	0.03	10.72	341.17	-683.23	-280.52	-61.55	500.36
		1435	14.92	5.93	-20.00	-11.01	-3.06	12.34	319.46	-717.12	-205.68	-191.98	518.24
1159	15	1443	15.68	-8.97	-29.84	-11.46	-27.36	6.76	432.75	-686.52	377.33	-631.09	242.83
		1449	18.41	3.17	-17.61	-4.66	-9.79	-10.07	530.00	-859.22	525.35	-854.56	80.26
		1433	10.02	31.32	-2.10	23.79	5.44	-13.96	229.56	-454.39	221.39	-446.22	-74.31
		1437	11.11	25.98	-8.02	21.91	-3.95	-11.04	331.75	-459.46	310.39	-438.10	128.22
1159	47	1443	15.99	-8.36	-30.56	-12.63	-26.30	8.75	430.57	-710.64	372.35	-652.42	251.10
		1449	17.48	1.92	-13.63	-5.37	-6.34	-7.76	502.75	-827.92	497.07	-822.24	86.72
		1433	10.02	29.43	2.65	24.53	7.55	-10.36	218.11	-477.36	211.26	-470.51	-68.68
		1437	11.36	24.23	-6.14	21.84	-3.74	-8.18	324.59	-482.86	300.67	-458.94	136.90
1159	79	1443	16.02	-8.30	-30.64	-12.72	-26.22	8.90	430.39	-712.49	371.96	-654.06	251.74
		1449	17.43	1.84	-13.35	-5.43	-6.08	-7.59	500.68	-825.54	494.91	-819.78	87.23
		1433	10.03	29.30	3.00	24.59	7.71	-10.08	217.23	-479.13	210.47	-472.38	-68.24
		1437	11.38	24.11	-6.01	21.83	-3.73	-7.97	324.03	-484.66	299.91	-460.54	137.56
1160	5	1420	10.97	-0.38	-65.78	-65.25	-0.91	5.89	141.64	-498.98	-290.74	-66.59	300.06
		1421	12.02	-0.42	-81.81	-80.99	-1.23	8.10	207.52	-508.65	-229.86	-71.27	349.19
		1441	18.28	7.10	-33.85	-25.20	-1.56	16.72	461.92	-810.10	-163.45	-184.72	635.92
		1442	17.60	4.07	-33.36	-26.64	-2.65	14.36	430.19	-793.15	-241.46	-121.50	608.73
1160	37	1420	10.09	0.05	-60.66	-60.08	-0.53	5.88	131.79	-456.90	-263.74	-61.37	276.41
		1421	11.11	-0.54	-76.64	-75.86	-1.31	7.65	199.37	-464.49	-202.61	-62.51	324.45
		1441	17.50	6.32	-31.15	-23.18	-1.65	15.33	454.40	-770.69	-139.41	-176.89	612.26
		1442	16.90	4.25	-31.45	-24.84	-2.37	13.87	421.07	-756.06	-128.21	-116.78	586.37
1160	69	1420	10.03	0.08	-60.27	-59.70	-0.50	5.88	131.04	-453.71	-261.71	-60.97	274.61
		1421	11.04	-0.54	-76.25	-75.48	-1.32	7.62	198.74	-461.14	-200.55	-61.84	322.57
		1441	17.44	6.26	-30.95	-23.03	-1.66	15.23	453.82	-767.71	-137.60	-176.29	610.46
		1442	16.85	4.26	-31.31	-24.70	-2.34	13.83	420.37	-753.25	-216.47	-116.41	584.67
1161	5	1435	17.77	6.55	-20.03	-13.01	-0.47	11.72	453.11	-812.13	-249.80	-109.22	628.70
		1447	17.77	7.10	-14.71	-8.08	0.47	10.03	440.98	-833.99	-349.02	-43.99	618.97

		1411	9.24	4.92	-1.46	3.56	-0.10	2.61	169.96	-508.58	-365.68	27.06	276.66
		1412	10.08	-0.69	-15.21	-15.02	-0.88	1.66	165.27	-543.53	-294.61	-83.65	338.34
1161	37	1435	17.12	6.67	-19.16	-12.00	-0.49	11.57	444.61	-774.54	-228.69	-101.24	606.23
		1447	17.19	7.83	-14.54	-7.08	0.37	10.54	427.98	-801.56	-328.35	-45.23	598.25
		1411	8.53	5.75	-0.53	5.18	0.04	1.80	155.25	-471.83	-343.80	27.22	252.76
		1412	9.30	-0.56	-13.51	-13.37	-0.70	1.37	154.75	-501.38	-272.06	-74.57	312.85
1161	69	1435	17.07	6.68	-19.10	-11.92	-0.50	11.55	443.92	-771.71	-227.15	-100.63	604.51
		1447	17.15	7.88	-14.53	-7.01	0.36	10.58	426.96	-799.14	-326.85	-45.33	596.67
		1411	8.49	5.83	-0.47	5.30	0.05	1.74	154.11	-469.08	-342.21	27.23	250.94
		1412	9.24	-0.55	-13.38	-13.24	-0.69	1.35	153.92	-498.20	-270.42	-73.87	310.90
1162	5	1414	13.08	71.03	5.54	62.68	13.89	-21.84	-491.36	-908.12	-492.94	-906.54	25.60
		1446	37.02	2.72	-65.84	-29.09	-34.03	34.19	596.15	-1897.97	-190.69	-1111.12	1159.03
		1413	40.90	25.13	-34.98	-33.57	23.72	-9.07	2630.61	81.75	82.46	2629.90	-42.57
		1345	105.71	-15.76	-173.31	-131.39	-57.68	69.62	1260.04	-6154.45	633.46	-5527.86	2062.33
1162	37	1414	11.20	72.02	3.52	63.12	12.41	-23.02	-468.49	-730.53	-469.29	-729.73	14.46
		1446	36.72	3.73	-65.98	-28.92	-33.33	34.78	567.57	-1894.67	-205.52	-1121.58	1142.75
		1413	41.13	26.89	-31.55	-29.55	24.89	-10.62	2625.61	41.91	47.81	2619.72	-123.28
		1345	102.57	-18.33	-167.79	-127.05	-59.08	66.56	1242.16	-5954.80	641.45	-5354.10	1990.57
1162	69	1414	11.07	72.09	3.36	63.16	12.29	-23.11	-466.72	-716.89	-467.47	-716.15	13.65
		1446	36.69	3.81	-65.99	-28.91	-33.28	34.83	565.40	-1894.43	-206.65	-1122.38	1141.51
		1413	41.16	27.03	-31.30	-29.25	24.98	-10.74	2625.44	38.66	45.16	2618.94	-129.49
		1345	102.33	-18.53	-167.38	-126.71	-59.19	66.33	1240.75	-5939.46	642.04	-5340.74	1985.06
1163	25	1441	15.06	5.44	-32.53	-30.53	3.44	8.49	348.15	-694.28	-316.25	-29.88	501.16
		1443	17.11	-4.04	-41.63	-35.66	-10.01	13.75	440.09	-752.61	-174.54	-137.97	596.07
		1437	12.16	26.22	-5.24	21.63	-0.65	11.11	255.44	-589.10	-152.81	-180.84	422.04
		1438	12.64	24.00	-5.55	17.61	0.84	12.16	315.21	-584.95	-259.07	-10.67	432.61
1163	57	1441	14.44	6.13	-29.92	-27.47	3.68	9.08	340.49	-657.84	-291.05	-26.30	481.29
		1443	16.44	-3.36	-38.19	-32.41	-9.14	12.96	439.42	-713.18	-147.86	-125.90	576.19
		1437	11.59	24.45	-3.77	20.68	-6.43e-03	9.60	261.27	-552.25	-125.45	-165.53	406.26
		1438	12.22	23.60	-6.64	16.59	0.37	12.76	310.37	-553.48	-234.14	-8.97	416.99
1163	89	1441	14.39	6.18	-29.73	-27.24	3.69	9.12	339.91	-655.09	-289.16	-26.02	479.79
		1443	16.39	-3.31	-37.94	-32.17	-9.08	12.90	439.37	-710.20	-145.85	-124.98	574.69
		1437	11.55	24.32	-3.66	20.61	0.04	9.48	261.72	-549.47	-123.39	-164.36	405.08
		1438	12.19	23.57	-6.72	16.51	0.33	12.81	310.01	-551.11	-232.26	-8.84	415.82
1164	5	1442	15.76	4.91	-33.01	-24.20	-3.90	16.01	353.53	-724.96	-150.98	-220.45	538.12
		1441	15.38	5.74	-32.77	-21.46	-5.57	17.53	361.30	-690.63	-65.83	-263.49	516.60
		1439	13.64	15.59	-5.68	13.22	-3.31	6.70	329.34	-656.77	-125.43	-202.00	491.56
		1440	14.77	13.25	-12.39	5.23	-4.37	11.89	334.69	-701.95	-160.45	-206.81	517.80
1164	37	1442	14.94	4.81	-30.95	-22.23	-3.91	15.36	340.87	-682.51	-131.53	-210.10	510.18
		1441	14.54	5.58	-30.14	-19.49	-5.06	16.34	349.37	-649.36	-46.14	-253.85	488.45
		1439	12.97	17.53	-5.67	14.95	-3.10	7.28	316.69	-614.97	-104.82	-193.46	463.72
		1440	13.98	13.63	-11.06	6.53	-3.97	11.17	322.93	-659.53	-140.11	-196.49	490.42
1164	69	1442	14.88	4.81	-30.80	-22.08	-3.91	15.31	339.90	-679.29	-130.08	-209.31	508.06
		1441	14.48	5.57	-29.94	-19.35	-5.02	16.25	348.45	-646.24	-44.67	-253.11	486.31
		1439	12.92	17.67	-5.67	15.09	-3.08	7.33	315.71	-611.81	-103.29	-192.81	461.60
		1440	13.92	13.66	-10.96	6.64	-3.93	11.12	322.02	-656.33	-138.60	-195.71	488.34
1165	5	1439	13.63	17.03	-5.87	-2.65	13.80	7.96	315.68	-660.86	-660.67	315.49	13.52
		1441	15.12	3.30	-30.92	-28.12	0.49	-9.39	354.57	-694.44	-688.92	349.05	75.89
		1438	12.98	20.54	-5.39	-0.10	15.25	10.45	306.25	-618.75	-614.08	301.57	65.61
1165	37	1439	12.96	18.47	-5.77	-2.05	14.75	8.73	308.33	-617.67	-617.31	307.97	18.14
		1441	14.44	3.81	-29.89	-27.52	1.44	-8.62	348.06	-652.09	-645.57	341.54	80.50
		1438	12.35	22.04	-5.34	0.50	16.20	11.22	299.72	-576.39	-570.72	294.06	70.23
1165	69	1439	12.91	18.58	-5.76	-2.00	14.82	8.79	307.77	-614.39	-614.02	307.40	18.48
		1441	14.39	3.85	-29.81	-27.47	1.51	-8.56	347.56	-648.87	-642.27	340.96	80.85
		1438	12.30	22.16	-5.34	0.54	16.27	11.28	299.23	-573.17	-567.42	293.48	70.57
1166	5	1461	2.38	-2.80	-5.00	-3.10	-4.69	0.77	123.59	-47.68	-34.74	110.66	45.25
		1476	2.27	4.06	0.09	2.01	2.14	-1.98	127.15	-32.11	-9.43	104.46	55.66
		1502	10.60	9.00	-1.37	0.59	7.03	-4.06	591.47	-167.50	-155.97	579.94	92.80
		1475	8.09	5.62	1.76	2.72	4.66	1.67	550.10	51.93	58.95	543.08	58.74
1166	37	1461	2.23	-1.67	-2.87	-2.51	-2.03	0.55	125.59	-38.14	-31.47	118.92	32.37
		1476	2.00	4.74	-0.04	2.21	2.49	-2.38	112.94	-24.29	-6.53	95.18	46.07
		1502	10.24	9.83	-3.00	0.02	6.81	-5.44	581.07	-146.79	-137.99	572.26	79.56
		1475	8.15	7.33	2.67	2.71	7.28	0.46	555.75	75.05	78.63	552.16	41.37
1166	69	1461	2.24	-1.52	-2.77	-2.47	-1.83	0.54	125.83	-37.49	-31.22	119.56	31.38
		1476	1.97	4.78	-0.05	2.22	2.51	-2.41	111.87	-23.70	-6.31	94.47	45.34
		1502	10.22	9.90	-3.13	-0.02	6.79	-5.55	580.29	-145.21	-136.61	571.68	78.55
		1475	8.15	7.51	2.68	2.71	7.48	0.37	556.23	76.77	80.14	552.86	40.04
1167	3	1475	14.41	14.11	-16.88	-13.42	10.65	9.76	532.32	-475.91	-427.65	484.06	215.24
		1502	12.76	13.87	3.54	5.66	11.76	-4.17	910.18	253.14	604.39	558.94	-327.73
		1503	23.10	27.01	-30.94	8.21	-12.13	-27.13	935.22	-723.52	-701.77	913.47	188.68
		1474	39.84	74.89	12.68	19.44	68.13	-19.35	2663.78	583.04	862.96	2383.86	-709.99
1167	40	1475	13.98	6.21	-16.06	-13.64	3.80	6.92	513.52	-489.80	-440.16	463.88	217.59
		1502	12.37	19.48	3.08	6.85	15.71	-6.90	871.54	284.87	579.64	576.77	-293.33
		1503	22.79	24.87	-24.66	9.00	-8.79	-23.11	964.79	-679.09	-649.63	935.33	218.08
		1474	38.98	65.65	14.21	19.17	60.70	-15.18	2657.65	648.53	921.98	2384.21	-688.92
1167	72	1475	13.98	5.86	-15.95	-13.61	3.51	6.75	513.31	-491.67	-441.69	463.33	218.47
		1502	12.38	19.68	3.01	6.90	15.80	-7.05	872.21	288.21	578.75	581.67	-291.99

		1503	22.86	24.89	-24.45	9.15	-8.72	-23.00	970.14	-677.82	-647.54	939.87	221.30
		1474	38.91	65.35	14.38	19.32	60.41	-15.09	2655.42	652.27	924.10	2383.59	-686.02
1168	7	1474	127.79	100.88	55.39	73.27	82.99	22.22	50.56	-8473.82	-4960.56	-3462.71	4195.87
		1503	128.75	33.45	-20.37	29.77	-16.69	-13.58	8786.85	465.66	2708.21	6544.30	-3692.11
		1501	138.86	-56.86	-132.08	-125.32	-63.63	21.51	950.35	-8701.33	465.57	-8216.55	2108.06
		48	432.18	75.73	-148.49	-148.47	75.70	-2.37	2.984e+04	2565.07	1.049e+04	2.191e+04	-
1.238e+04													
1168	39	1474	130.96	86.61	59.84	73.45	73.01	13.39	333.14	-8507.66	-4910.75	-3263.78	4343.02
		1503	128.65	34.88	-12.56	31.46	-9.14	-12.28	8800.24	530.13	2758.24	6572.13	-3669.09
		1501	136.38	-36.15	-101.20	-87.79	-49.56	26.31	525.90	-8737.84	57.20	-8269.14	2030.32
		48	425.20	73.37	-113.51	-113.19	73.05	-7.72	2.927e+04	2378.88	1.009e+04	2.156e+04	-
1.216e+04													
1168	71	1474	131.21	85.59	60.12	73.46	72.25	12.72	354.89	-8510.20	-4906.91	-3248.41	4354.29
		1503	128.64	34.99	-11.97	31.59	-8.57	-12.18	8801.26	535.08	2762.07	6574.28	-3667.31
		1501	136.19	-34.42	-99.03	-84.95	-48.50	26.68	493.36	-8740.60	25.92	-8273.16	2024.31
		48	424.66	73.21	-110.87	-110.51	72.85	-8.13	2.923e+04	2364.55	1.006e+04	2.153e+04	-
1.214e+04													
1169	5	1476	4.28	1.31	-1.71	-1.19	0.79	-1.14	134.43	-192.55	-158.93	100.81	99.32
		1463	5.98	5.74	-0.51	2.31	2.93	-3.11	173.27	-279.17	-275.03	169.13	43.09
		1504	9.77	9.14	-1.19	6.81	1.13	-4.31	413.43	-310.56	-294.53	397.40	106.53
		1502	8.61	11.64	-0.30	4.79	6.55	-5.91	573.53	32.32	32.32	573.53	-0.18
1169	37	1476	3.84	2.40	-1.36	-0.44	1.47	-1.62	122.36	-170.30	-141.24	93.30	87.52
		1463	5.56	6.40	-1.24	2.84	2.32	-3.81	153.59	-261.99	-259.34	150.94	33.07
		1504	9.20	9.76	-3.10	6.23	0.42	-5.74	394.18	-282.48	-270.03	381.73	90.93
		1502	8.55	12.27	-1.44	4.26	6.57	-6.76	577.44	58.49	59.10	576.83	-17.82
1169	69	1476	3.81	2.48	-1.33	-0.38	1.52	-1.65	121.45	-168.60	-139.89	92.74	86.62
		1463	5.53	6.45	-1.30	2.87	2.27	-3.86	152.09	-260.69	-258.14	149.55	32.31
		1504	9.16	9.81	-3.25	6.19	0.37	-5.85	392.71	-280.34	-268.16	380.53	89.74
		1502	8.55	12.31	-1.53	4.22	6.57	-6.82	577.79	60.44	61.16	577.08	-19.17
1170	27	1502	8.77	7.36	-6.03	-2.57	3.90	-5.86	399.56	-259.62	-174.78	314.72	220.75
		1504	10.66	11.80	-8.19	9.33	-5.72	-6.58	595.92	-129.27	-129.24	595.89	5.04
		1505	12.09	2.24	-14.40	1.45	-13.61	3.54	642.26	-188.76	-167.71	621.22	-130.55
		1503	30.62	23.19	-12.67	21.58	-11.06	-7.41	2150.35	309.97	517.40	1942.92	-582.00
1170	59	1502	8.36	11.26	-6.57	-2.18	6.87	-7.68	369.65	-256.40	-172.86	286.11	212.90
		1504	10.40	13.05	-6.72	9.18	-2.85	-7.84	588.23	-129.55	-129.55	588.23	-0.56
		1505	11.53	5.03	-10.61	4.77	-10.35	2.01	620.63	-172.73	-158.90	606.80	-103.83
		1503	29.08	27.64	-9.71	24.88	-6.95	-9.77	2072.87	337.06	531.47	1878.46	-547.41
1170	91	1502	8.34	11.54	-6.61	-2.15	7.08	-7.82	367.44	-256.19	-172.73	283.98	212.33
		1504	10.38	13.15	-6.63	9.17	-2.64	-7.93	587.67	-129.59	-129.59	587.67	-0.96
		1505	11.49	5.26	-10.35	5.02	-10.11	1.90	619.06	-171.63	-158.29	605.72	-101.82
		1503	28.97	27.98	-9.50	25.13	-6.65	-9.94	2067.02	339.06	532.49	1873.59	-544.81
1171	7	1503	22.22	33.28	-23.65	23.75	-14.12	21.26	1438.56	182.86	469.53	1151.90	-527.06
		1505	22.14	-1.31	-7.52	-2.60	-6.23	2.52	1407.58	-87.15	158.45	1161.99	-553.88
		1450	14.75	-5.07	-74.99	-71.85	-8.21	14.47	362.97	-537.88	321.49	-496.39	-188.82
		1501	50.10	-7.82	-111.07	-103.80	-15.08	26.41	3167.41	169.08	1724.25	1612.24	-1498.12
1171	39	1503	21.40	36.84	-13.27	30.94	-7.37	16.15	1408.74	171.43	416.23	1163.94	-492.91
		1505	22.26	3.62	-8.74	2.81	-7.93	3.06	1389.87	-112.17	104.46	1173.24	-527.70
		1450	12.41	-3.41	-48.84	-46.54	-5.71	9.97	245.73	-555.06	209.59	-518.92	-166.25
		1501	47.78	-0.69	-80.81	-77.19	-4.31	16.64	3100.28	162.30	1642.70	1619.88	-1468.95
1171	71	1503	21.34	37.14	-12.51	31.50	-6.87	15.77	1406.62	170.37	412.11	1164.88	-490.32
		1505	22.27	4.03	-8.85	3.23	-8.06	3.11	1388.63	-114.22	100.30	1174.11	-525.71
		1450	12.24	-3.29	-46.86	-44.62	-5.53	9.63	236.77	-556.38	201.02	-520.64	-164.54
		1501	47.61	-0.12	-78.54	-75.17	-3.49	15.91	3095.19	161.68	1636.40	1620.47	-1466.73
1172	5	1463	6.67	6.61	-2.63	1.57	2.41	-4.60	142.63	-348.47	-338.89	133.05	67.93
		1477	10.39	5.46	-0.82	3.83	0.81	-2.75	141.71	-598.13	-595.60	139.18	43.18
		1506	13.20	9.05	-1.85	8.29	-1.09	-2.78	325.34	-638.70	-634.55	321.19	63.16
		1504	10.21	13.61	-2.85	8.82	1.94	-7.48	453.71	-297.09	-292.48	449.10	58.62
1172	37	1463	6.09	6.46	-2.22	2.45	1.79	-4.33	125.57	-317.25	-309.27	117.59	58.90
		1477	9.86	6.65	-1.59	4.69	0.37	-3.51	126.49	-568.14	-566.25	124.60	36.23
		1506	12.42	8.09	-3.21	6.80	-1.92	-3.59	311.95	-595.97	-592.62	308.61	54.99
		1504	9.45	11.88	-3.64	7.32	0.92	-7.07	438.78	-253.61	-250.24	435.40	48.22
1172	69	1463	6.04	6.45	-2.20	2.51	1.74	-4.31	124.27	-314.86	-307.01	116.41	58.22
		1477	9.82	6.74	-1.64	4.75	0.34	-3.56	125.33	-565.85	-564.01	123.48	35.70
		1506	12.36	8.02	-3.32	6.69	-1.98	-3.65	310.93	-592.70	-589.41	307.65	54.37
		1504	9.39	11.75	-3.70	7.20	0.84	-7.04	437.64	-250.29	-247.00	434.36	47.43
1173	5	1504	11.23	17.58	-5.35	10.24	1.99	-10.70	486.61	-328.00	-313.71	472.32	106.94
		1506	14.02	10.51	-4.15	9.07	-2.70	-4.37	393.72	-633.34	-631.90	392.29	38.34
		1507	15.08	14.27	-2.14	14.27	-2.13	-0.24	430.65	-665.82	-655.96	420.79	-103.50
		1505	16.45	23.63	-3.01	22.88	-2.26	-4.42	917.67	-225.08	-194.00	886.59	-185.87
1173	37	1504	10.26	14.74	-5.27	8.73	0.74	-9.17	455.90	-286.93	-274.36	443.34	95.79
		1506	13.18	9.26	-4.34	7.78	-2.86	-4.24	375.74	-591.91	-590.33	374.17	38.98
		1507	13.71	7.21	-3.46	7.18	-3.43	0.57	412.08	-601.26	-592.77	403.59	-92.37
		1505	15.47	15.81	-4.86	15.59	-4.64	-2.14	895.34	-168.91	-133.19	859.62	-191.68
1173	69	1504	10.19	14.52	-5.26	8.62	0.65	-9.05	453.55	-283.79	-271.35	441.12	94.95
		1506	13.11	9.16	-4.36	7.68	-2.87	-4.23	374.37	-588.74	-587.15	372.79	39.03
		1507	13.60	6.67	-3.57	6.63	-3.53	0.64	410.66	-596.32	-587.93	402.27	-91.53
		1505	15.40	15.21	-5.02	15.02	-4.83	-1.97	893.66	-164.64	-128.53	857.55	-192.12

1174	5	1505	17.47	21.69	-7.59	21.57	-7.47	1.88	936.31	-276.47	-143.47	803.30	-378.97
		1507	15.13	13.17	-5.24	12.11	-4.18	4.29	444.80	-651.05	-620.04	413.79	-181.72
		1500	9.01	12.81	1.25	12.50	1.55	1.86	-9.83	-564.69	-538.35	-36.18	-117.99
		1450	10.67	2.67	-0.82	0.88	0.97	1.75	550.98	-239.50	116.68	194.80	-393.30
1174	37	1505	16.42	15.36	-7.71	14.80	-7.15	3.55	916.92	-213.59	-81.53	784.85	-363.12
		1507	13.90	6.47	-5.17	5.30	-4.00	3.50	445.53	-584.60	-555.74	416.67	-169.98
		1500	7.48	1.13	-1.23	-0.63	0.53	1.03	-11.26	-503.57	-482.99	-31.85	-98.54
		1450	10.34	0.94	-13.16	-12.19	-0.03	3.57	540.97	-198.66	170.05	172.26	-369.81
1174	69	1505	16.35	14.90	-7.74	14.28	-7.13	3.68	915.45	-208.80	-76.79	783.44	-361.92
		1507	13.81	5.97	-5.18	4.77	-3.98	3.44	445.59	-579.52	-550.82	416.89	-169.09
		1500	7.46	0.83	-2.03	-1.64	0.45	0.97	-11.36	-498.91	-478.75	-31.51	-97.06
		1450	10.32	0.87	-14.18	-13.20	-0.11	3.71	540.36	-195.70	174.13	170.53	-368.02
1175	5	1477	10.73	7.52	-2.89	3.56	1.07	-5.05	130.43	-628.80	-627.42	129.05	32.30
		1464	15.00	5.16	-0.83	4.81	-0.47	-1.42	113.26	-921.42	-921.42	113.26	2.40
		1508	17.11	8.43	-1.19	8.40	-1.16	-0.50	228.96	-978.11	-977.97	228.82	12.88
		1506	13.50	12.63	-2.83	9.91	-0.11	-5.89	328.57	-652.74	-651.24	327.07	38.33
1175	37	1477	10.06	7.42	-2.39	4.58	0.45	-4.45	117.89	-587.19	-585.63	116.34	33.06
		1464	14.33	6.53	-1.26	5.79	-0.52	-2.28	103.03	-879.36	-879.34	103.01	4.56
		1508	16.18	6.34	-2.07	6.02	-1.76	-1.60	220.29	-927.22	-927.00	220.07	15.80
		1506	12.58	9.69	-3.50	7.50	-1.31	-4.92	317.74	-602.31	-600.60	316.03	39.61
1175	69	1477	10.01	7.42	-2.36	4.65	0.41	-4.41	116.93	-584.01	-582.44	115.37	33.12
		1464	14.28	6.62	-1.29	5.86	-0.53	-2.34	102.25	-876.15	-876.12	102.22	4.73
		1508	16.11	6.19	-2.16	5.84	-1.81	-1.67	219.63	-923.32	-923.09	219.40	16.03
		1506	12.51	9.47	-3.56	7.31	-1.40	-4.84	316.91	-598.45	-596.72	315.18	39.72
1176	5	1506	14.11	13.35	-4.58	10.56	-1.79	-6.50	364.60	-659.81	-658.30	363.09	39.33
		1508	17.41	8.89	-3.13	8.29	-2.53	-2.62	250.45	-981.63	-981.58	250.41	7.19
		1509	17.77	10.94	-0.80	10.89	-0.75	-0.78	252.54	-1000.59	-997.41	249.36	-63.02
		1507	15.11	14.35	-1.90	14.15	-1.69	-1.80	468.51	-638.43	-626.74	456.82	-113.17
1176	37	1506	13.14	10.44	-4.43	8.31	-2.30	-5.22	348.94	-610.51	-608.61	347.04	42.60
		1508	16.46	6.77	-3.03	6.15	-2.41	-2.39	240.30	-930.93	-930.81	240.19	11.39
		1509	16.56	4.18	-1.60	4.17	-1.59	-0.24	240.62	-946.35	-944.17	238.44	-50.81
		1507	13.93	7.32	-3.09	7.32	-3.09	-0.17	450.23	-584.53	-574.50	440.20	-101.41
1176	69	1506	13.06	10.22	-4.42	8.13	-2.34	-5.12	347.74	-606.73	-604.81	345.82	42.86
		1508	16.39	6.61	-3.03	5.99	-2.40	-2.37	239.53	-927.04	-926.93	239.41	11.72
		1509	16.46	3.66	-1.66	3.65	-1.65	-0.20	239.71	-942.20	-940.09	237.60	-49.89
		1507	13.84	6.79	-3.20	6.79	-3.20	-0.04	448.84	-580.41	-570.50	438.93	-100.52
1177	5	1507	14.68	12.25	-4.01	12.23	-3.98	0.64	443.33	-627.44	-597.96	413.85	-175.22
		1509	17.34	10.14	-2.67	9.80	-2.33	2.06	222.62	-989.74	-983.97	216.85	-83.44
		1451	15.18	10.96	0.56	10.94	0.58	0.51	2.82	-974.89	-973.25	1.18	-40.02
		1500	9.21	7.45	0.60	7.45	0.61	-0.09	69.93	-554.53	-522.39	37.79	-137.97
1177	37	1507	13.55	5.95	-4.00	5.72	-3.78	1.47	434.99	-571.41	-544.21	407.79	-163.20
		1509	16.20	3.64	-2.40	3.29	-2.05	1.42	223.16	-934.36	-929.91	218.72	-71.59
		1451	13.84	0.14	0.03	0.11	0.06	-0.05	4.25	-920.13	-919.36	3.47	-26.72
		1500	8.08	0.24	-3.62	-3.36	-0.01	0.96	60.23	-498.16	-468.81	30.87	-124.61
1177	69	1507	13.46	5.48	-4.02	5.22	-3.76	1.53	434.36	-567.12	-540.09	407.33	-162.29
		1509	16.11	3.15	-2.39	2.79	-2.03	1.37	223.21	-930.12	-925.77	218.86	-70.69
		1451	13.81	0.03	-0.73	-0.72	0.02	-0.09	4.37	-915.96	-915.24	3.65	-25.71
		1500	8.05	0.19	-4.44	-4.19	-0.06	1.04	59.49	-493.85	-464.71	30.35	-123.60
1178	5	1464	15.24	6.71	-2.65	4.16	-0.10	-4.17	108.17	-943.03	-943.03	108.17	0.22
		1478	19.39	5.00	-0.81	4.99	-0.81	0.11	88.50	-1227.85	-1226.67	87.32	-39.34
		1510	20.90	8.28	-1.20	7.72	-0.64	-2.24	156.87	-1281.75	-1281.31	156.42	-25.39
		1508	17.27	10.54	-2.24	8.92	-0.62	-4.25	227.58	-988.58	-988.50	227.51	9.71
1178	37	1464	14.46	7.10	-1.94	5.49	-0.33	-3.46	99.81	-890.98	-890.97	99.80	3.45
		1478	18.59	6.34	-0.74	6.20	-0.60	-1.00	81.33	-1174.94	-1174.14	80.53	-31.65
		1510	19.88	5.69	-1.63	5.14	-1.09	-1.93	150.52	-1224.66	-1224.46	150.32	-16.35
		1508	16.26	7.45	-2.64	6.26	-1.45	-3.26	220.11	-932.33	-932.16	219.94	13.81
1178	69	1464	14.40	7.13	-1.90	5.58	-0.35	-3.41	99.17	-887.00	-886.98	99.16	3.70
		1478	18.53	6.45	-0.75	6.28	-0.58	-1.08	80.78	-1170.89	-1170.12	80.01	-31.07
		1510	19.80	5.49	-1.67	4.94	-1.12	-1.91	150.04	-1220.29	-1220.11	149.86	-15.67
		1508	16.18	7.21	-2.67	6.05	-1.51	-3.18	219.54	-928.02	-927.85	219.37	14.13
1179	5	1508	17.55	10.40	-3.42	8.99	-2.00	-4.19	245.76	-993.37	-993.36	245.75	-3.88
		1510	21.06	7.76	-1.87	7.72	-1.84	0.60	165.85	-1284.08	-1283.46	165.24	-29.90
		1511	21.44	8.96	-0.32	8.81	-0.17	-1.18	153.79	-1316.82	-1315.43	152.40	-45.15
		1509	17.86	10.43	-1.13	10.12	-0.83	-1.86	257.25	-1006.32	-1003.15	254.07	-63.24
1179	37	1508	16.52	7.51	-3.15	6.47	-2.11	-3.16	236.74	-937.02	-936.99	236.71	6.29
		1510	20.01	5.24	-1.61	5.20	-1.57	-0.52	158.60	-1226.96	-1226.69	158.33	-19.51
		1511	20.21	2.81	-0.97	2.64	-0.80	-0.78	146.11	-1258.41	-1257.63	145.33	-33.04
		1509	16.63	3.95	-1.72	3.88	-1.65	-0.62	247.16	-947.97	-945.75	244.94	-51.45
1179	69	1508	16.44	7.29	-3.13	6.28	-2.12	-3.08	236.06	-932.72	-932.67	236.02	7.06
		1510	19.93	5.06	-1.61	5.01	-1.55	-0.60	158.05	-1222.59	-1222.34	157.80	-18.72
		1511	20.12	2.34	-1.03	2.16	-0.85	-0.75	145.53	-1253.95	-1253.21	144.79	-32.12
		1509	16.54	3.45	-1.76	3.40	-1.71	-0.52	246.39	-943.51	-941.36	244.24	-50.56
1180	5	1509	17.48	9.05	-2.38	9.01	-2.34	-0.66	235.68	-995.16	-989.98	230.49	-79.69
		1511	21.23	8.45	-1.72	8.31	-1.58	1.18	133.71	-1312.66	-1311.03	132.07	-48.58
		1499	20.39	8.58	0.30	8.57	0.31	0.25	5.98	-1328.60	-1328.48	5.86	-12.60
		1451	15.25	7.88	0.31	7.86	0.32	-0.30	21.18	-980.78	-977.67	18.07	-55.72
1180	37	1509	16.26	3.01	-2.06	3.01	-2.05	-0.12	231.21	-935.68	-931.66	227.19	-68.37

		1511	20.04	2.37	-1.37	2.29	-1.28	0.55	134.18	-1253.70	-1252.69	133.17	-37.41
		1499	19.15	-0.03	-0.88	-0.79	-0.13	-0.27	7.14	-1270.88	-1270.88	7.14	-0.64
		1451	14.02	-0.05	-1.57	-1.47	-0.15	0.37	16.39	-922.13	-920.09	14.36	-43.65
1180	69	1509	16.17	2.54	-2.03	2.54	-2.03	-0.08	230.87	-931.13	-927.19	226.93	-67.51
		1511	19.95	1.90	-1.34	1.82	-1.26	0.51	134.22	-1249.19	-1248.23	133.25	-36.56
		1499	19.12	-0.10	-1.57	-1.51	-0.16	-0.30	7.24	-1266.47	-1266.47	7.24	0.27
		1451	13.99	-0.10	-2.27	-2.19	-0.18	0.42	16.03	-917.65	-915.69	14.07	-42.73
1181	5	1478	19.55	5.84	-2.29	4.09	-0.54	-3.34	85.16	-1244.82	-1243.56	83.90	-40.94
		1465	23.28	4.98	-1.03	4.59	-0.64	-1.49	68.41	-1501.25	-1498.02	65.18	-71.12
		1512	24.47	7.58	-0.55	7.17	-0.14	-1.78	108.60	-1550.44	-1548.80	106.96	-52.19
		1510	21.07	9.04	-1.72	7.81	-0.48	-3.43	154.97	-1294.42	-1293.95	154.50	-26.09
1181	37	1478	18.67	6.68	-1.36	5.78	-0.46	-2.53	79.48	-1183.50	-1182.66	78.64	-32.45
		1465	22.40	6.47	-0.64	6.22	-0.39	-1.32	63.18	-1439.61	-1437.05	60.62	-62.00
		1512	23.35	4.98	-0.92	4.60	-0.54	-1.45	103.94	-1486.37	-1485.25	102.82	-42.17
		1510	19.96	6.02	-1.84	5.19	-1.01	-2.42	149.90	-1230.69	-1230.48	149.70	-16.69
1181	69	1478	18.60	6.75	-1.30	5.90	-0.46	-2.47	79.04	-1178.80	-1178.00	78.24	-31.80
		1465	22.33	6.58	-0.61	6.33	-0.37	-1.31	62.78	-1434.89	-1432.38	60.27	-61.30
		1512	23.27	4.78	-0.95	4.40	-0.58	-1.42	103.59	-1481.47	-1480.38	102.51	-41.41
		1510	19.88	5.79	-1.85	4.98	-1.05	-2.34	149.51	-1225.81	-1225.62	149.33	-15.97
1182	5	1510	21.21	8.65	-2.52	7.68	-1.56	-3.14	163.42	-1296.92	-1296.26	162.77	-30.84
		1512	24.57	7.24	-1.41	7.15	-1.32	0.87	113.21	-1551.67	-1549.88	111.42	-54.61
		1513	24.97	7.51	-0.42	7.33	-0.24	1.19	88.72	-1593.37	-1592.07	87.41	-46.88
		1511	21.56	8.26	-0.76	7.81	-0.30	-1.98	153.27	-1328.50	-1327.14	151.91	-44.87
1182	37	1510	20.08	5.90	-2.13	5.20	-1.44	-2.25	157.70	-1233.17	-1232.88	157.41	-20.09
		1512	23.42	4.64	-1.00	4.64	-1.00	-0.17	107.81	-1487.58	-1486.39	106.61	-43.72
		1513	23.72	1.68	-0.62	1.66	-0.61	0.19	89.41	-1528.34	-1527.59	88.66	-34.82
		1511	20.28	2.48	-1.19	2.18	-0.89	-0.99	147.36	-1263.56	-1262.78	146.58	-33.13
1182	69	1510	20.00	5.68	-2.10	5.01	-1.43	-2.18	157.27	-1228.29	-1228.02	157.00	-19.27
		1512	23.34	4.45	-0.98	4.44	-0.97	-0.24	107.40	-1482.68	-1481.52	106.24	-42.88
		1513	23.63	1.23	-0.64	1.23	-0.63	0.12	89.47	-1523.36	-1522.65	88.76	-33.90
		1511	20.18	2.03	-1.22	1.75	-0.94	-0.92	146.92	-1258.59	-1257.85	146.18	-32.24
1183	5	1511	21.40	7.40	-1.75	7.25	-1.60	-1.17	141.23	-1323.83	-1322.51	139.91	-43.97
		1513	24.99	7.08	-1.34	6.96	-1.22	1.00	89.36	-1593.54	-1592.29	88.12	-45.77
		1452	24.75	6.13	0.11	6.11	0.12	0.29	7.84	-1626.09	-1626.05	7.81	-7.54
		1499	20.56	6.28	0.12	6.28	0.12	-0.15	14.07	-1342.63	-1342.10	13.54	-26.82
1183	57	1511	19.95	-0.87	-3.74	-3.73	-0.88	-0.17	138.35	-1244.80	-1244.11	137.66	-31.01
		1513	23.62	-0.52	-4.13	-4.04	-0.60	0.55	91.74	-1514.55	-1513.88	91.08	-32.71
		1452	23.80	-0.21	-9.88	-9.88	-0.21	8.99e-03	10.79	-1548.33	-1548.30	10.76	6.38
		1499	19.53	-0.06	-9.81	-9.69	-0.18	1.07	11.33	-1264.50	-1264.36	11.19	-13.10
1183	89	1511	19.89	-0.88	-3.70	-3.68	-0.89	-0.19	138.21	-1240.93	-1240.26	137.54	-30.39
		1513	23.56	-0.54	-4.07	-4.00	-0.61	0.48	91.58	-1510.71	-1510.06	90.93	-32.10
		1452	23.73	-0.24	-9.86	-9.86	-0.24	-0.06	10.66	-1544.45	-1544.42	10.63	7.00
		1499	19.47	-0.10	-9.78	-9.67	-0.21	1.04	11.19	-1260.58	-1260.46	11.07	-12.45
1184	5	1465	23.43	5.08	-1.73	3.85	-0.49	-2.62	65.74	-1515.82	-1512.56	62.48	-71.80
		1479	26.68	4.43	-0.74	4.20	-0.51	-1.06	53.73	-1736.99	-1731.67	48.41	-97.46
		1514	27.60	6.93	-0.21	6.66	0.06	-1.37	72.04	-1781.63	-1778.42	68.83	-77.11
		1512	24.62	7.92	-1.07	6.93	-0.09	-2.81	106.75	-1563.21	-1561.57	105.11	-52.31
1184	37	1465	22.47	6.36	-0.81	5.87	-0.32	-1.80	61.83	-1446.73	-1444.15	59.26	-62.24
		1479	25.71	6.29	-0.35	6.18	-0.24	-0.85	49.71	-1667.78	-1663.30	45.23	-87.55
		1514	26.43	4.48	-0.50	4.25	-0.28	-1.04	71.66	-1710.70	-1708.21	69.17	-66.56
		1512	23.43	5.11	-1.14	4.50	-0.53	-1.86	103.33	-1492.45	-1491.34	102.21	-42.18
1184	69	1465	22.40	6.47	-0.75	6.02	-0.31	-1.74	61.54	-1441.44	-1438.92	59.02	-61.51
		1479	25.63	6.43	-0.32	6.32	-0.22	-0.84	49.40	-1662.48	-1658.07	44.99	-86.79
		1514	26.34	4.29	-0.53	4.06	-0.30	-1.01	71.63	-1705.27	-1702.84	69.20	-65.75
		1512	23.34	4.89	-1.14	4.31	-0.56	-1.78	103.07	-1487.04	-1485.96	101.99	-41.41
1185	5	1512	24.70	7.52	-1.89	6.79	-1.16	-2.52	110.99	-1564.56	-1562.75	109.18	-55.14
		1514	27.66	6.81	-1.17	6.66	-1.01	1.10	72.86	-1782.28	-1778.98	69.56	-78.18
		1515	28.22	6.07	-0.34	5.90	-0.17	1.04	62.91	-1828.70	-1826.80	61.00	-60.00
		1513	25.17	6.62	-0.70	6.10	-0.18	-1.88	98.37	-1606.18	-1604.93	97.12	-46.21
1185	37	1512	23.49	4.98	-1.43	4.48	-0.93	-1.72	107.10	-1493.79	-1492.57	105.88	-44.15
		1514	26.47	4.30	-0.68	4.29	-0.68	0.14	72.83	-1711.37	-1708.84	70.31	-67.05
		1515	26.89	0.86	-0.50	0.84	-0.48	0.16	62.95	-1756.72	-1755.44	61.67	-48.27
		1513	23.82	1.59	-1.10	1.09	-0.60	-1.05	94.69	-1534.27	-1533.53	93.96	-34.59
1185	89	1512	23.08	1.41	-0.73	1.33	-0.65	-0.40	106.19	-1477.08	-1476.02	105.13	-40.88
		1514	26.07	1.28	-0.48	1.12	-0.33	0.50	75.09	-1694.43	-1692.15	72.81	-63.49
		1515	26.81	-0.37	-4.36	-4.28	-0.45	0.57	64.99	-1740.33	-1739.23	63.90	-44.40
		1513	23.69	-0.60	-4.04	-4.02	-0.63	0.30	93.81	-1518.06	-1517.47	93.21	-31.03
1186	25	1513	24.68	-0.35	-4.87	-4.86	-0.36	-0.19	92.81	-1581.71	-1580.97	92.06	-35.34
		1515	27.87	0.11	-5.43	-4.99	-0.33	1.49	69.21	-1806.99	-1805.40	67.62	-54.57
		1498	28.41	0.37	-11.43	-11.37	0.31	0.87	12.40	-1849.40	-1849.37	12.37	-7.60
		1452	24.93	0.60	-11.22	-11.08	0.46	1.27	11.91	-1618.61	-1618.47	11.77	-15.11
1186	57	1513	23.74	-0.46	-4.19	-4.13	-0.52	-0.48	91.56	-1521.99	-1521.51	91.08	-27.83
		1515	26.93	-0.34	-4.39	-4.30	-0.44	0.61	67.24	-1747.51	-1746.27	66.00	-47.39
		1498	27.44	-0.18	-10.58	-10.58	-0.18	-0.01	10.98	-1788.68	-1788.68	10.98	-0.34
		1452	23.95	-0.07	-10.32	-10.23	-0.16	0.95	10.90	-1557.48	-1557.44	10.86	-7.73
1186	89	1513	23.67	-0.47	-4.15	-4.08	-0.53	-0.50	91.47	-1517.45	-1516.99	91.01	-27.27
		1515	26.86	-0.37	-4.33	-4.25	-0.45	0.55	67.09	-1742.99	-1741.78	65.88	-46.86

		1498	27.36	-0.22	-10.53	-10.53	-0.22	-0.07	10.87	-1784.07	-1784.07	10.87	0.20
		1452	23.88	-0.11	-10.27	-10.18	-0.20	0.93	10.83	-1552.84	-1552.81	10.80	-7.18
1187	5	1479	26.81	4.42	-1.27	3.56	-0.41	-2.04	51.56	-1749.28	-1743.96	46.24	-97.71
		1466	29.48	3.89	-0.52	3.77	-0.40	-0.70	39.34	-1932.42	-1925.12	32.04	-119.71
		1516	30.32	6.32	6.10e-03	6.17	0.16	-0.96	55.86	-1973.28	-1968.24	50.83	-100.96
1187	37	1514	27.78	7.01	-0.67	6.27	0.07	-2.26	76.45	-1793.04	-1789.87	73.27	-76.93
		1479	25.77	6.14	-0.44	5.89	-0.19	-1.26	48.67	-1673.70	-1669.23	44.21	-87.55
		1466	28.45	6.11	-0.18	6.07	-0.14	-0.49	38.42	-1856.79	-1850.48	32.10	-109.23
		1516	29.06	4.08	-0.25	3.99	-0.16	-0.64	54.95	-1896.31	-1892.14	50.77	-90.17
		1514	26.52	4.47	-0.68	4.07	-0.29	-1.37	73.97	-1716.15	-1713.68	71.50	-66.42
1187	69	1479	25.69	6.27	-0.40	6.05	-0.18	-1.20	48.45	-1667.91	-1663.51	44.05	-86.77
		1466	28.37	6.26	-0.15	6.23	-0.12	-0.47	38.35	-1851.00	-1844.76	32.10	-108.43
		1516	28.97	3.91	-0.27	3.82	-0.18	-0.61	54.88	-1890.42	-1886.31	50.77	-89.35
		1514	26.42	4.27	-0.68	3.90	-0.31	-1.31	73.78	-1710.27	-1707.85	71.36	-65.62
1188	5	1514	27.84	6.68	-1.43	6.15	-0.90	-2.01	78.94	-1793.78	-1790.50	75.65	-78.38
		1516	30.35	6.15	-0.79	6.07	-0.71	-0.74	56.13	-1973.64	-1968.57	51.07	-101.27
		1517	30.95	4.87	-0.35	4.63	-0.12	1.08	49.27	-2022.38	-2019.24	46.14	-80.48
		1515	28.36	5.16	-0.55	4.67	-0.06	-1.61	68.46	-1840.48	-1838.63	66.60	-59.43
1188	57	1514	26.22	0.90	-0.32	0.89	-0.31	-0.13	75.48	-1705.79	-1703.47	73.15	-64.27
		1516	28.77	1.10	-0.43	0.82	-0.16	0.59	57.17	-1885.42	-1881.53	53.28	-86.86
		1517	29.60	-0.18	-4.76	-4.63	-0.31	0.75	50.00	-1933.54	-1931.38	47.85	-65.36
		1515	27.00	-0.34	-4.55	-4.53	-0.35	0.26	65.32	-1751.88	-1750.78	64.23	-44.60
1188	89	1514	26.15	1.02	-0.33	0.99	-0.31	-0.17	75.30	-1700.84	-1698.55	73.01	-63.69
		1516	28.70	1.13	-0.36	0.93	-0.16	0.51	56.99	-1880.47	-1876.62	53.14	-86.27
		1517	29.52	-0.24	-4.67	-4.57	-0.34	0.66	49.85	-1928.43	-1926.31	47.73	-64.77
		1515	26.92	-0.38	-4.48	-4.47	-0.39	0.22	65.18	-1746.76	-1745.69	64.11	-44.01
1189	5	1515	28.42	4.68	-1.22	4.51	-1.05	-0.99	68.38	-1842.70	-1841.09	66.77	-55.46
		1517	31.07	4.80	-1.19	4.49	-0.88	1.33	53.47	-2026.93	-2023.41	49.95	-85.52
		1453	31.42	5.73	0.08	5.72	0.09	0.27	10.23	-2070.70	-2070.35	9.88	-26.97
		1498	28.68	5.98	0.13	5.98	0.13	0.08	12.87	-1885.99	-1885.58	12.46	-28.01
1189	49	1515	26.86	-0.39	-4.22	-4.18	-0.43	-0.40	66.46	-1743.16	-1742.21	65.51	-41.49
		1517	29.52	-0.25	-4.40	-4.25	-0.40	0.78	53.81	-1927.28	-1924.71	51.23	-71.36
		1453	30.17	-0.27	-10.62	-10.62	-0.27	-0.06	10.91	-1970.74	-1970.66	10.84	-12.36
		1498	27.38	-0.18	-10.46	-10.37	-0.27	0.96	11.28	-1785.81	-1785.71	11.18	-13.56
1189	81	1515	26.79	-0.39	-4.19	-4.14	-0.44	-0.42	66.39	-1738.96	-1738.02	65.45	-41.07
		1517	29.45	-0.28	-4.34	-4.21	-0.41	0.72	53.71	-1923.08	-1920.53	51.16	-70.95
		1453	30.10	-0.30	-10.59	-10.59	-0.30	-0.12	10.85	-1966.44	-1966.37	10.78	-11.96
		1498	27.32	-0.22	-10.43	-10.34	-0.30	0.94	11.22	-1781.49	-1781.39	11.13	-13.13
1190	5	1466	29.61	3.82	-0.88	3.25	-0.31	-1.54	42.31	-1942.05	-1934.81	35.07	-119.65
		1480	31.72	3.36	-0.34	3.32	-0.30	-0.37	34.79	-2086.01	-2076.88	25.66	-138.86
		1518	32.49	5.75	0.13	5.70	0.19	-0.55	46.66	-2124.10	-2116.93	39.48	-124.61
		1516	30.45	6.22	-0.33	5.73	0.16	-1.72	58.49	-1982.50	-1977.50	53.49	-100.90
1190	37	1466	28.51	5.94	-0.21	5.83	-0.10	-0.82	39.85	-1861.40	-1855.12	33.57	-109.08
		1480	30.63	5.88	-0.08	5.88	-0.08	-0.16	33.49	-2005.35	-1997.28	25.42	-128.03
		1518	31.17	3.78	-0.13	3.76	-0.11	-0.24	45.40	-2042.27	-2036.07	39.20	-113.57
		1516	29.13	3.98	-0.36	3.78	-0.17	-0.91	56.34	-1900.72	-1896.57	52.18	-90.10
1190	69	1466	28.43	6.11	-0.18	6.01	-0.09	-0.76	39.66	-1855.23	-1849.02	33.46	-108.27
		1480	30.54	6.06	-0.06	6.06	-0.06	-0.15	33.40	-1999.17	-1991.18	25.41	-127.20
		1518	31.07	3.62	-0.15	3.61	-0.14	-0.21	45.31	-2036.00	-2029.88	39.18	-112.73
		1516	29.03	3.81	-0.37	3.63	-0.19	-0.85	56.18	-1894.46	-1890.37	52.08	-89.27
1191	5	1516	30.49	5.98	-1.08	5.63	-0.74	-1.52	60.08	-1982.94	-1977.88	55.01	-101.61
		1518	32.51	5.64	-0.62	5.62	-0.60	-0.35	46.72	-2124.32	-2117.14	39.54	-124.65
		1519	33.10	3.51	-0.07	3.42	0.01	-0.55	42.42	-2173.95	-2168.90	37.37	-105.64
		1517	31.04	3.83	-0.38	3.43	0.02	-1.25	52.39	-2031.90	-2028.81	49.31	-80.13
1191	57	1516	28.84	0.69	-0.16	0.68	-0.15	0.09	57.19	-1891.18	-1887.27	53.28	-87.18
		1518	30.89	1.24	-0.65	0.68	-0.09	0.86	46.87	-2032.38	-2026.55	41.04	-109.98
		1519	31.77	-0.16	-5.01	-4.92	-0.25	0.66	42.18	-2081.15	-2077.29	38.33	-90.35
		1517	29.71	-0.22	-4.97	-4.94	-0.24	0.32	49.82	-1939.32	-1937.19	47.69	-65.06
1191	89	1516	28.77	0.80	-0.16	0.80	-0.16	0.06	57.03	-1885.76	-1881.89	53.16	-86.60
		1518	30.81	1.26	-0.57	0.80	-0.10	0.80	46.69	-2026.97	-2021.18	40.91	-109.39
		1519	31.68	-0.20	-4.91	-4.83	-0.28	0.60	42.05	-2075.55	-2071.74	38.23	-89.77
		1517	29.62	-0.26	-4.88	-4.86	-0.28	0.29	49.71	-1933.72	-1931.62	47.61	-64.49
1192	5	1517	31.15	3.44	-1.06	3.34	-0.96	-0.69	55.42	-2035.80	-2032.70	52.32	-80.53
		1519	33.27	3.93	-1.32	3.42	-0.82	1.55	48.00	-2180.02	-2173.89	41.87	-116.67
		1497	33.66	4.47	0.09	4.46	0.10	0.24	11.22	-2223.60	-2222.74	10.36	-43.84
		1453	31.55	4.52	0.14	4.51	0.15	0.19	13.43	-2082.06	-2081.25	12.62	-41.20
1192	37	1517	29.71	0.02	-1.13	-0.41	-0.69	-0.56	53.78	-1952.59	-1950.09	51.28	-70.70
		1519	31.82	0.42	-1.42	-0.36	-0.63	0.91	47.31	-2096.77	-2091.45	41.98	-106.72
		1497	32.33	-0.27	-3.39	-3.37	-0.29	-0.28	10.95	-2139.22	-2138.69	10.42	-33.76
		1453	30.21	-0.25	-3.37	-3.30	-0.32	0.46	12.27	-1997.53	-1997.05	11.78	-31.20
1192	69	1517	29.62	-0.14	-1.23	-0.70	-0.67	-0.55	53.65	-1946.22	-1943.77	51.20	-69.95
		1519	31.73	0.23	-1.50	-0.65	-0.62	0.86	47.25	-2090.40	-2085.13	41.99	-105.95
		1497	32.26	-0.29	-3.98	-3.96	-0.32	-0.32	10.94	-2132.76	-2132.26	10.43	-32.99
		1453	30.14	-0.29	-3.96	-3.89	-0.35	0.48	12.18	-1991.06	-1990.60	11.72	-30.43
1193	5	1480	31.82	3.25	-0.67	2.93	-0.35	-1.07	36.92	-2092.70	-2083.62	27.84	-138.79
		1467	33.35	2.85	-0.37	2.85	-0.37	-0.04	32.15	-2197.06	-2186.07	21.17	-156.12
		1520	34.07	5.25	0.20	5.25	0.20	-0.12	41.83	-2233.18	-2223.47	32.12	-148.29

		1518	32.58	5.51	-0.05	5.25	0.21	-1.17	48.67	-2130.55	-2123.40	41.51	-124.68
1193	37	1480	30.67	5.73	-0.13	5.69	-0.10	-0.43	34.52	-2008.54	-2000.50	26.49	-127.88
		1467	32.21	5.61	-0.10	5.61	-0.10	0.15	30.75	-2112.86	-2103.01	20.90	-144.97
		1520	32.71	3.56	-0.11	3.55	-0.10	0.17	40.47	-2147.90	-2139.30	31.87	-136.95
		1518	31.21	3.60	-0.16	3.55	-0.11	-0.44	46.44	-2045.35	-2039.17	40.25	-113.56
1193	69	1480	30.58	5.92	-0.11	5.89	-0.08	-0.38	34.34	-2002.09	-1994.14	26.39	-127.04
		1467	32.12	5.81	-0.08	5.80	-0.08	0.16	30.64	-2106.41	-2096.65	20.88	-144.12
		1520	32.60	3.43	-0.13	3.42	-0.12	0.19	40.37	-2141.37	-2132.85	31.85	-136.09
		1518	31.11	3.46	-0.18	3.42	-0.13	-0.39	46.27	-2038.83	-2032.72	40.16	-112.71
1194	5	1518	32.61	5.35	-0.81	5.18	-0.64	-1.01	49.67	-2130.86	-2123.65	42.46	-125.14
		1520	34.09	5.19	-0.53	5.19	-0.53	0.06	42.06	-2233.36	-2223.64	32.34	-148.41
		1521	34.67	2.51	-3.97e-04	2.50	0.02	-0.21	39.77	-2283.12	-2275.39	32.04	-133.82
		1519	33.16	2.64	-0.21	2.37	0.06	-0.83	44.57	-2180.57	-2175.55	39.56	-105.53
1194	57	1518	30.94	0.67	-0.25	0.52	-0.09	0.35	46.97	-2036.70	-2030.83	41.10	-110.45
		1520	32.44	1.42	-0.95	0.54	-0.06	1.15	41.65	-2139.02	-2130.81	33.45	-133.51
		1521	33.35	-0.08	-5.27	-5.13	-0.23	0.86	38.98	-2187.74	-2181.43	32.67	-118.35
		1519	31.86	-0.15	-5.33	-5.28	-0.20	0.47	42.13	-2085.43	-2081.59	38.30	-90.23
1194	89	1518	30.86	0.77	-0.22	0.65	-0.10	0.33	46.80	-2030.93	-2025.11	40.98	-109.86
		1520	32.36	1.45	-0.86	0.67	-0.07	1.09	41.48	-2133.25	-2125.10	33.33	-132.89
		1521	33.26	-0.13	-5.15	-5.02	-0.26	0.81	38.85	-2181.78	-2175.52	32.59	-117.74
		1519	31.76	-0.20	-5.21	-5.17	-0.24	0.45	42.01	-2079.46	-2075.67	38.22	-89.65
1195	5	1519	33.29	2.39	-0.96	2.31	-0.88	-0.51	48.60	-2185.89	-2180.27	42.98	-111.92
		1521	34.88	3.31	-1.55	2.52	-0.77	1.79	47.02	-2290.76	-2280.87	37.13	-151.71
		1454	35.25	3.64	0.11	3.63	0.12	0.19	12.30	-2331.86	-2330.15	10.59	-63.31
		1497	33.76	3.42	0.18	3.42	0.18	0.03	14.54	-2232.00	-2230.48	13.01	-58.46
1195	37	1519	31.88	-0.42	-1.12	-0.90	-0.65	-0.33	47.30	-2099.18	-2094.33	42.45	-101.92
		1521	33.42	0.51	-1.85	-0.73	-0.60	1.18	46.12	-2203.97	-2195.03	37.18	-141.51
		1454	33.92	-0.26	-3.70	-3.68	-0.29	-0.29	11.89	-2243.79	-2242.55	10.65	-52.99
		1497	32.44	-0.26	-3.91	-3.87	-0.31	0.40	13.21	-2143.85	-2142.77	12.13	-48.33
1195	69	1519	31.79	-0.48	-1.29	-1.15	-0.63	-0.31	47.20	-2092.54	-2087.75	42.40	-101.15
		1521	33.33	0.37	-1.94	-0.98	-0.59	1.14	46.05	-2197.32	-2188.46	37.19	-140.73
		1454	33.85	-0.29	-4.25	-4.22	-0.32	-0.33	11.86	-2237.05	-2235.84	10.65	-52.19
		1497	32.37	-0.30	-4.46	-4.41	-0.34	0.43	13.11	-2137.11	-2136.06	12.06	-47.55
1196	5	1467	33.39	2.85	-0.57	2.57	-0.29	-0.94	34.27	-2200.54	-2189.58	23.31	-156.09
		1481	34.34	2.41	-0.36	2.37	-0.33	0.31	31.05	-2265.14	-2252.15	18.06	-172.22
		1522	35.04	4.83	0.15	4.80	0.18	0.34	40.13	-2299.92	-2287.19	27.40	-172.10
		1520	34.10	4.97	0.04	4.78	0.23	-0.95	43.96	-2236.48	-2226.77	34.25	-148.49
1196	37	1467	32.23	5.49	-0.07	5.48	-0.07	-0.20	31.75	-2114.51	-2104.69	21.93	-144.85
		1481	33.18	5.30	-0.12	5.26	-0.08	0.47	29.66	-2179.03	-2167.26	17.90	-160.74
		1522	33.66	3.44	-0.21	3.34	-0.11	0.59	38.76	-2212.79	-2201.31	27.28	-160.40
		1520	32.72	3.33	-0.10	3.33	-0.09	-0.13	41.53	-2149.48	-2140.88	32.93	-137.01
1196	69	1467	32.14	5.69	-0.05	5.69	-0.05	-0.15	31.56	-2107.92	-2098.19	21.83	-143.99
		1481	33.09	5.51	-0.10	5.47	-0.06	0.48	29.55	-2172.43	-2160.76	17.88	-159.86
		1522	33.56	3.34	-0.24	3.23	-0.13	0.61	38.66	-2206.12	-2194.73	27.27	-159.51
		1520	32.62	3.22	-0.12	3.22	-0.12	-0.06	41.35	-2142.82	-2134.30	32.83	-136.13
1197	25	1520	33.72	0.41	-2.01	-1.63	0.02	0.89	43.94	-2220.52	-2211.51	34.92	-142.57
		1522	34.63	1.55	-3.06	-1.58	0.07	2.15	42.13	-2283.72	-2271.77	30.18	-166.29
		1523	35.68	0.69	-7.65	-7.26	0.29	1.77	40.68	-2334.74	-2324.32	30.25	-157.02
		1521	34.77	0.50	-7.71	-7.60	0.39	0.94	41.07	-2271.74	-2264.77	34.11	-126.71
1197	57	1520	32.47	0.88	-0.59	0.36	-0.07	0.70	41.75	-2141.76	-2133.49	33.48	-134.13
		1522	33.41	1.64	-1.30	0.39	-0.05	1.46	39.88	-2204.91	-2193.81	28.79	-157.42
		1523	34.34	4.93e-03	-5.47	-5.24	-0.22	1.08	38.97	-2253.31	-2243.68	29.34	-148.28
		1521	33.42	-0.09	-5.63	-5.53	-0.19	0.74	39.19	-2190.37	-2184.06	32.88	-118.41
1197	89	1520	32.39	0.96	-0.53	0.51	-0.08	0.69	41.59	-2135.77	-2127.55	33.37	-133.49
		1522	33.33	1.68	-1.20	0.53	-0.05	1.41	39.71	-2198.91	-2187.88	28.68	-156.75
		1523	34.24	-0.04	-5.31	-5.10	-0.25	1.03	38.84	-2247.12	-2237.54	29.27	-147.62
		1521	33.32	-0.13	-5.48	-5.39	-0.23	0.72	39.05	-2184.19	-2177.93	32.79	-117.78
1198	5	1521	34.85	1.48	-0.85	1.46	-0.83	-0.19	47.35	-2293.23	-2283.94	38.05	-147.19
		1523	35.89	2.94	-1.86	1.80	-0.72	2.04	49.29	-2359.12	-2344.16	34.33	-189.23
		1496	36.20	3.22	0.13	3.21	0.13	0.15	13.36	-2395.96	-2392.99	10.39	-84.51
		1454	35.30	2.75	0.19	2.75	0.20	0.11	14.57	-2337.02	-2334.41	11.95	-78.38
1198	37	1521	33.47	-0.62	-1.24	-1.24	-0.62	-0.01	45.86	-2204.69	-2196.35	37.52	-136.80
		1523	34.44	0.70	-2.23	-0.95	-0.59	1.46	48.21	-2270.43	-2256.59	34.38	-178.58
		1496	34.86	-0.26	-3.68	-3.65	-0.28	-0.31	12.97	-2305.93	-2303.59	10.63	-73.65
		1454	34.00	-0.25	-4.15	-4.10	-0.30	0.45	13.78	-2247.01	-2244.98	11.74	-67.77
1198	69	1521	33.37	-0.60	-1.45	-1.45	-0.60	-1.59e-03	45.75	-2197.91	-2189.64	37.48	-136.00
		1523	34.35	0.58	-2.31	-1.16	-0.57	1.41	48.13	-2263.64	-2249.89	34.38	-177.76
		1496	34.78	-0.28	-4.19	-4.16	-0.31	-0.34	12.95	-2299.04	-2296.75	10.65	-72.82
		1454	33.92	-0.29	-4.66	-4.61	-0.34	0.48	13.72	-2240.12	-2238.13	11.73	-66.95
1199	5	1481	34.34	2.32	-0.36	2.23	-0.27	-0.49	33.46	-2265.23	-2252.25	20.48	-172.24
		1468	34.70	2.09	-0.51	1.89	-0.31	0.70	31.25	-2290.05	-2274.79	15.98	-187.60
		1524	35.39	4.54	-9.78e-03	4.38	0.15	0.83	40.20	-2324.03	-2307.65	23.82	-196.08
		1522	35.03	4.39	0.18	4.35	0.22	-0.40	42.59	-2299.86	-2287.10	29.83	-172.42
1199	37	1481	33.18	5.20	-0.06	5.20	-0.05	0.16	30.79	-2179.06	-2167.31	19.05	-160.65
		1468	33.53	4.98	-0.20	4.85	-0.07	0.81	29.89	-2203.72	-2189.79	15.97	-175.79
		1524	34.02	3.44	-0.43	3.15	-0.13	1.03	39.17	-2236.73	-2221.77	24.20	-183.95
		1522	33.66	3.16	-0.14	3.13	-0.10	0.34	39.96	-2212.77	-2201.27	28.46	-160.51

1199	69	1481	33.09	5.42	-0.05	5.41	-0.04	0.21	30.59	-2172.46	-2160.81	18.95	-159.76
		1468	33.44	5.19	-0.18	5.06	-0.05	0.82	29.79	-2197.10	-2183.28	15.97	-174.88
		1524	33.92	3.36	-0.46	3.05	-0.15	1.04	39.09	-2230.05	-2215.19	24.23	-183.02
		1522	33.55	3.08	-0.17	3.03	-0.12	0.39	39.76	-2206.10	-2194.70	28.36	-159.60
1200	25	1522	34.71	0.12	-2.04	-2.04	0.11	0.13	42.63	-2285.84	-2273.75	30.54	-167.36
		1524	35.04	1.76	-3.56	-1.92	0.12	2.46	42.90	-2309.85	-2294.19	27.23	-191.36
		1525	36.09	0.76	-8.17	-7.71	0.29	1.99	41.59	-2360.53	-2345.53	26.58	-189.26
		1523	35.78	0.45	-8.25	-8.25	0.44	0.17	41.30	-2336.68	-2326.18	30.79	-157.73
1200	57	1522	33.41	0.64	-0.50	0.18	-0.03	0.56	40.20	-2205.98	-2194.79	29.01	-158.15
		1524	33.79	1.92	-1.71	0.24	-0.03	1.81	40.63	-2229.83	-2215.21	26.00	-181.62
		1525	34.72	0.12	-5.59	-5.26	-0.22	1.34	40.67	-2277.87	-2263.90	26.69	-179.46
		1523	34.39	-0.11	-5.75	-5.70	-0.16	0.54	39.27	-2254.21	-2244.56	29.62	-148.50
1200	89	1522	33.33	0.77	-0.47	0.34	-0.04	0.59	40.02	-2199.90	-2188.78	28.89	-157.45
		1524	33.71	1.95	-1.60	0.39	-0.04	1.76	40.46	-2223.74	-2209.20	25.91	-180.88
		1525	34.61	0.07	-5.41	-5.08	-0.26	1.30	40.60	-2271.59	-2257.69	26.70	-178.72
		1523	34.28	-0.15	-5.58	-5.52	-0.21	0.57	39.12	-2247.94	-2238.35	29.53	-147.80
1201	5	1523	35.81	0.82	-0.78	0.82	-0.78	0.05	49.47	-2358.01	-2343.72	35.19	-184.90
		1525	36.30	2.80	-2.20	1.29	-0.69	2.30	53.82	-2385.17	-2363.60	32.26	-228.32
		1455	36.51	3.21	0.15	3.20	0.15	0.11	15.08	-2416.08	-2411.38	10.38	-106.81
		1496	36.21	2.50	0.19	2.49	0.20	0.14	16.77	-2397.72	-2393.58	12.63	-99.89
1201	37	1523	34.46	-0.52	-1.50	-1.43	-0.60	0.26	47.79	-2269.37	-2256.24	34.66	-173.92
		1525	34.86	0.96	-2.54	-1.01	-0.57	1.74	52.82	-2296.30	-2276.07	32.59	-217.04
		1455	35.16	-0.25	-3.32	-3.29	-0.28	-0.32	14.56	-2325.92	-2322.04	10.68	-95.21
		1496	34.92	-0.24	-4.06	-3.99	-0.30	0.48	15.53	-2307.67	-2304.29	12.14	-88.60
1201	69	1523	34.36	-0.51	-1.67	-1.60	-0.58	0.27	47.66	-2262.58	-2249.54	34.62	-173.08
		1525	34.77	0.85	-2.60	-1.18	-0.56	1.70	52.74	-2289.49	-2269.37	32.62	-216.17
		1455	35.08	-0.27	-3.80	-3.77	-0.31	-0.35	14.52	-2319.02	-2315.20	10.71	-94.32
		1496	34.84	-0.28	-4.53	-4.47	-0.34	0.51	15.43	-2300.78	-2297.45	12.10	-87.73
1202	5	1468	34.65	1.88	-0.25	1.88	-0.25	-0.12	32.66	-2286.71	-2271.41	17.37	-187.72
		1482	34.41	1.97	-0.86	1.41	-0.30	1.13	31.70	-2271.79	-2253.83	13.74	-202.58
		1526	35.12	4.41	-0.32	3.98	0.11	1.36	42.96	-2305.41	-2284.58	22.13	-220.16
		1524	35.32	3.94	0.20	3.94	0.20	0.07	42.34	-2320.53	-2304.07	25.88	-196.52
1202	37	1468	33.51	4.89	-0.10	4.84	-0.05	0.50	30.56	-2202.10	-2188.18	16.64	-175.75
		1482	33.27	4.66	-0.36	4.37	-0.07	1.17	30.82	-2186.95	-2170.48	14.35	-190.41
		1526	33.78	3.55	-0.75	2.96	-0.16	1.48	41.87	-2219.67	-2200.46	22.66	-207.56
		1524	33.99	3.12	-0.30	2.94	-0.12	0.77	40.20	-2235.06	-2220.06	25.20	-184.12
1202	69	1468	33.42	5.11	-0.09	5.06	-0.03	0.55	30.40	-2195.62	-2181.81	16.59	-174.83
		1482	33.18	4.86	-0.33	4.58	-0.05	1.17	30.75	-2180.45	-2164.10	14.39	-189.48
		1526	33.68	3.49	-0.78	2.88	-0.17	1.49	41.79	-2213.11	-2194.01	22.70	-206.60
		1524	33.89	3.07	-0.35	2.86	-0.14	0.82	40.04	-2228.52	-2213.63	25.15	-183.17
1203	25	1524	35.08	0.18	-2.42	-2.40	0.16	0.20	43.87	-2308.39	-2292.51	27.99	-192.61
		1526	34.82	2.07	-4.16	-2.25	0.16	2.87	45.84	-2293.20	-2272.93	25.57	-216.77
		1527	35.88	0.87	-8.65	-8.05	0.27	2.31	46.60	-2343.54	-2322.67	25.73	-222.34
		1525	36.16	0.44	-8.75	-8.75	0.44	0.16	44.29	-2358.75	-2343.60	29.15	-190.16
1203	57	1524	33.76	0.80	-0.81	0.01	-0.01	0.81	41.15	-2229.19	-2214.44	26.40	-182.43
		1526	33.57	2.25	-2.18	0.09	-0.02	2.22	43.45	-2213.74	-2194.77	24.49	-206.02
		1527	34.49	0.27	-5.66	-5.15	-0.24	1.65	45.39	-2261.49	-2241.96	25.87	-211.34
		1525	34.75	-0.08	-5.82	-5.74	-0.17	0.70	41.91	-2277.00	-2262.98	27.89	-179.76
1203	89	1524	33.68	0.94	-0.78	0.19	-0.03	0.85	40.95	-2223.17	-2208.50	26.28	-181.66
		1526	33.49	2.29	-2.06	0.26	-0.03	2.17	43.27	-2207.69	-2188.83	24.41	-205.21
		1527	34.39	0.23	-5.44	-4.94	-0.27	1.61	45.30	-2255.25	-2235.82	25.87	-210.51
		1525	34.64	-0.11	-5.62	-5.52	-0.21	0.74	41.74	-2270.79	-2256.85	27.80	-178.97
1204	5	1525	36.17	0.92	-1.28	0.41	-0.77	0.93	54.39	-2380.38	-2359.57	33.58	-224.14
		1527	36.11	2.86	-2.55	0.98	-0.66	2.58	61.54	-2369.06	-2339.06	31.55	-268.33
		1495	36.19	3.61	0.16	3.61	0.16	0.09	17.23	-2392.35	-2385.34	10.22	-129.76
		1455	36.49	2.65	0.19	2.65	0.20	0.13	18.92	-2414.42	-2408.25	12.74	-122.45
1204	37	1525	34.85	-0.10	-1.93	-1.43	-0.60	0.82	52.48	-2293.40	-2274.01	33.08	-212.44
		1527	34.69	1.30	-2.76	-0.90	-0.56	2.03	60.30	-2281.77	-2253.38	31.90	-256.31
		1495	34.81	-0.23	-2.64	-2.60	-0.27	-0.32	16.59	-2303.88	-2297.93	10.65	-117.29
		1455	35.19	-0.23	-3.63	-3.55	-0.30	0.49	17.45	-2326.16	-2320.96	12.25	-110.30
1204	69	1525	34.75	-0.13	-2.03	-1.57	-0.58	0.81	52.33	-2286.75	-2267.45	33.04	-211.54
		1527	34.59	1.20	-2.80	-1.04	-0.55	1.99	60.20	-2275.09	-2246.82	31.93	-255.39
		1495	34.73	-0.26	-3.09	-3.05	-0.30	-0.35	16.54	-2297.10	-2291.24	10.68	-116.33
		1455	35.11	-0.27	-4.08	-4.01	-0.34	0.51	17.34	-2319.41	-2314.28	12.21	-109.37
1205	27	1482	34.03	0.70	-0.24	0.53	-0.07	0.36	32.78	-2249.99	-2234.87	17.66	-185.16
		1469	33.17	0.24	-0.52	-0.15	-0.13	0.38	32.13	-2195.20	-2177.11	14.03	-199.93
		1528	34.02	0.31	-5.03	-4.88	0.16	0.88	45.16	-2229.63	-2206.93	22.46	-226.11
		1526	34.83	0.33	-5.03	-4.90	0.21	0.80	43.14	-2284.34	-2266.63	25.44	-202.23
1205	59	1482	33.09	4.16	-0.16	3.96	0.03	0.90	31.29	-2176.24	-2161.15	16.19	-181.93
		1469	32.24	3.59	-0.26	3.32	0.01	0.99	32.23	-2121.29	-2103.23	14.17	-196.39
		1528	32.70	0.89	-2.23	-1.20	-0.14	1.47	45.26	-2154.48	-2131.74	22.53	-222.46
		1526	33.50	0.78	-2.11	-1.22	-0.12	1.33	41.93	-2209.31	-2191.60	24.22	-198.89
1205	71	1482	33.18	7.56	-0.11	7.25	0.21	1.53	28.13	-2173.07	-2159.95	15.01	-169.41
		1469	32.34	6.98	-0.16	6.63	0.20	1.56	30.48	-2117.85	-2102.04	14.67	-183.62
		1528	32.61	1.78	-2.38	-0.17	-0.44	2.08	43.10	-2150.03	-2129.88	22.95	-209.24
		1526	33.40	1.70	-2.33	-0.19	-0.44	2.01	38.68	-2205.25	-2189.74	23.16	-185.92
1206	27	1526	34.84	0.56	-4.82	-4.72	0.46	0.73	44.30	-2284.61	-2266.75	26.43	-203.18

		1528	34.03	0.73	-4.83	-4.68	0.57	0.93	46.14	-2229.95	-2207.03	23.22	-227.25
		1529	35.15	0.16	-11.62	-11.60	0.15	0.40	51.04	-2279.71	-2254.71	26.05	-240.07
		1527	35.97	0.17	-12.35	-12.32	0.14	0.58	46.38	-2334.37	-2316.09	28.10	-207.82
1206	59	1526	33.51	0.92	-1.88	-1.08	0.12	1.26	42.77	-2209.72	-2191.86	24.92	-199.75
		1528	32.71	1.21	-2.09	-1.05	0.17	1.53	46.04	-2154.88	-2131.98	23.14	-223.31
		1529	33.72	-0.16	-6.62	-6.49	-0.30	0.93	50.99	-2202.30	-2177.30	26.00	-236.01
		1527	34.53	-0.15	-7.31	-7.15	-0.31	1.06	45.23	-2257.11	-2238.84	26.96	-204.26
1206	91	1526	33.41	1.02	-1.73	-0.81	0.10	1.30	42.66	-2204.02	-2186.16	24.81	-199.49
		1528	32.61	1.32	-1.96	-0.78	0.14	1.57	46.03	-2149.17	-2126.27	23.14	-223.02
		1529	33.61	-0.17	-6.27	-6.11	-0.33	0.97	50.99	-2196.41	-2171.41	25.99	-235.71
		1527	34.42	-0.16	-6.96	-6.78	-0.34	1.09	45.15	-2251.23	-2232.96	26.88	-204.00
1207	7	1527	36.13	0.21	-10.22	-10.21	0.19	0.40	52.00	-2348.68	-2248.78	32.10	-217.68
		1529	35.38	0.32	-9.72	-9.50	0.10	1.48	62.32	-2297.08	-2267.72	32.96	-261.55
		1456	35.40	-0.64	-10.94	-10.82	-0.76	-1.07	16.34	-2316.58	-2311.96	11.72	-103.72
		1495	36.38	-0.86	-12.05	-11.98	-0.94	0.90	15.74	-2379.66	-2375.73	11.81	-96.94
1207	39	1527	34.78	-0.05	-6.26	-6.17	-0.14	0.73	54.88	-2271.20	-2248.33	32.01	-229.49
		1529	34.04	0.27	-5.98	-5.50	-0.21	1.67	65.77	-2220.27	-2187.10	32.59	-273.38
		1456	34.09	-0.60	-8.75	-8.66	-0.68	-0.85	17.39	-2235.81	-2229.82	11.40	-116.03
		1495	35.08	-0.74	-9.91	-9.83	-0.82	0.84	17.00	-2298.93	-2293.77	11.84	-109.23
1207	71	1527	34.67	-0.07	-5.97	-5.87	-0.16	0.76	55.11	-2265.28	-2242.17	32.00	-230.40
		1529	33.94	0.28	-5.72	-5.21	-0.23	1.68	66.05	-2214.41	-2180.92	32.57	-274.29
		1456	33.99	-0.59	-8.58	-8.50	-0.68	-0.83	17.48	-2229.64	-2223.54	11.37	-116.98
		1495	34.98	-0.73	-9.75	-9.67	-0.81	0.84	17.11	-2292.76	-2287.49	11.84	-110.18
1208	27	1469	33.09	0.39	-0.30	0.19	-0.10	0.31	35.36	-2186.76	-2168.56	17.16	-200.29
		1483	31.68	0.04	-0.80	-0.61	-0.15	0.35	35.56	-2092.67	-2070.77	13.66	-214.78
		1530	32.54	0.32	-5.27	-5.11	0.16	0.94	51.71	-2127.33	-2098.09	22.48	-250.69
		1528	33.93	0.34	-5.29	-5.15	0.21	0.85	47.94	-2220.96	-2198.04	25.02	-226.88
1208	59	1469	32.20	3.76	-0.27	3.47	0.02	1.04	33.72	-2117.26	-2099.16	15.62	-196.47
		1483	30.77	3.12	-0.42	2.71	-1.70e-03	1.14	35.56	-2022.94	-2001.15	13.77	-210.67
		1530	31.27	1.09	-2.51	-1.29	-0.14	1.71	51.79	-2056.53	-2027.35	22.61	-246.30
		1528	32.65	0.96	-2.40	-1.32	-0.12	1.57	46.55	-2150.36	-2127.53	23.72	-222.79
1208	91	1469	32.13	4.01	-0.27	3.71	0.03	1.09	33.60	-2111.97	-2093.88	15.51	-196.19
		1483	30.70	3.37	-0.42	2.94	8.76e-03	1.20	35.56	-2017.63	-1995.85	13.77	-210.37
		1530	31.18	1.23	-2.40	-1.01	-0.16	1.76	51.79	-2051.14	-2021.97	22.62	-245.98
		1528	32.55	1.09	-2.27	-1.04	-0.15	1.62	46.45	-2144.99	-2122.16	23.63	-222.49
1209	27	1528	33.85	0.65	-3.27	-3.14	0.52	0.71	49.36	-2221.42	-2198.18	26.12	-228.55
		1530	32.56	0.82	-5.04	-4.87	0.65	0.99	53.25	-2127.87	-2098.22	23.60	-252.54
		1531	33.68	0.14	-11.56	-11.55	0.13	0.38	60.52	-2177.20	-2143.34	26.66	-273.18
		1529	35.08	0.38	-12.43	-12.41	0.36	0.55	53.54	-2270.66	-2245.39	28.27	-241.02
1209	59	1528	32.63	1.39	-1.57	-0.32	0.14	1.46	47.60	-2150.90	-2127.80	24.51	-224.15
		1530	31.29	1.43	-2.35	-1.13	0.20	1.77	52.94	-2057.09	-2027.61	23.46	-247.66
		1531	32.30	-0.11	-6.24	-6.05	-0.31	1.07	60.39	-2104.30	-2070.60	26.69	-268.00
		1529	33.68	-6.47e-03	-7.06	-6.85	-0.22	1.20	52.12	-2197.99	-2172.89	27.02	-236.33
1209	91	1528	32.56	1.52	-1.52	-0.11	0.11	1.52	47.47	-2145.53	-2122.45	24.39	-223.83
		1530	31.19	1.56	-2.23	-0.85	0.17	1.82	52.92	-2051.71	-2022.24	23.45	-247.30
		1531	32.19	-0.11	-5.88	-5.65	-0.34	1.12	60.39	-2098.76	-2065.06	26.69	-267.62
		1529	33.58	-0.02	-6.69	-6.45	-0.26	1.24	52.02	-2192.46	-2167.37	26.93	-235.98
1210	7	1529	35.20	0.22	-9.49	-9.46	0.19	0.53	60.79	-2285.13	-2256.68	32.34	-256.81
		1531	33.88	-0.37	-8.82	-8.63	-0.56	1.24	74.40	-2195.37	-2154.83	33.86	-300.59
		1494	33.62	-0.45	-8.89	-8.61	-0.74	-1.53	18.99	-2203.70	-2196.62	11.90	-125.27
		1456	35.24	0.16	-10.06	-9.97	0.07	0.95	18.18	-2307.63	-2301.56	12.11	-118.60
1210	39	1529	33.95	0.01	-5.64	-5.48	-0.15	0.94	64.23	-2213.79	-2181.69	32.13	-268.51
		1531	32.66	0.09	-5.29	-4.68	-0.52	1.71	78.62	-2124.79	-2079.60	33.43	-312.30
		1494	32.42	-0.50	-7.00	-6.82	-0.68	-1.06	20.35	-2128.94	-2120.11	11.52	-137.49
		1456	34.03	-0.27	-8.32	-8.22	-0.36	0.87	19.64	-2232.92	-2225.30	12.02	-130.81
1210	71	1529	33.85	0.01	-5.37	-5.19	-0.17	0.97	64.51	-2208.35	-2175.95	32.11	-269.41
		1531	32.56	0.15	-5.06	-4.39	-0.52	1.74	78.96	-2119.41	-2073.84	33.39	-313.20
		1494	32.33	-0.50	-6.86	-6.69	-0.67	-1.02	20.47	-2123.23	-2114.25	11.49	-138.43
		1456	33.94	-0.30	-8.19	-8.09	-0.39	0.87	19.77	-2227.21	-2219.46	12.02	-131.75
1211	27	1483	31.51	0.01	-0.28	-0.14	-0.12	0.14	38.93	-2081.07	-2058.99	16.86	-215.21
		1470	29.57	-0.13	-1.07	-1.06	-0.14	0.09	39.85	-1948.27	-1921.47	13.05	-229.27
		1532	30.38	0.35	-3.79	-3.66	0.22	0.73	60.77	-1983.36	-1945.65	23.07	-275.05
		1530	32.33	0.52	-3.83	-3.70	0.39	0.73	54.90	-2115.48	-2085.93	25.35	-251.53
1211	39	1483	30.84	6.50	-0.46	5.86	0.18	2.01	33.47	-2017.94	-1998.88	14.41	-196.81
		1470	28.83	5.77	-0.58	5.00	0.19	2.07	37.45	-1884.38	-1861.05	14.12	-210.44
		1532	29.39	4.14	-2.01	2.53	-0.40	2.70	57.64	-1917.32	-1883.85	24.17	-254.93
		1530	31.30	4.08	-1.78	2.51	-0.20	2.60	49.08	-2050.35	-2024.43	23.16	-231.83
1211	71	1483	30.76	6.47	-0.46	5.83	0.18	2.01	33.63	-2013.05	-1993.78	14.36	-197.66
		1470	28.75	5.75	-0.59	4.97	0.19	2.08	37.63	-1879.50	-1855.93	14.05	-211.29
		1532	29.32	4.12	-2.02	2.49	-0.40	2.71	57.90	-1912.49	-1878.70	24.11	-255.81
		1530	31.23	4.05	-1.80	2.47	-0.22	2.60	49.30	-2045.49	-2019.30	23.12	-232.72
1212	27	1530	32.35	0.73	-3.66	-3.51	0.59	0.79	56.63	-2116.18	-2086.09	26.54	-253.90
		1532	30.41	0.97	-3.63	-3.43	0.77	0.94	62.83	-1984.19	-1945.83	24.47	-277.60
		1533	31.61	0.13	-11.51	-11.50	0.12	0.30	73.68	-2032.81	-1987.45	28.32	-305.76
		1531	33.57	0.34	-12.52	-12.50	0.31	0.54	63.60	-2164.90	-2130.64	29.35	-274.17
1212	59	1530	31.20	1.59	-1.89	-0.48	0.17	1.71	54.59	-2051.63	-2021.88	24.84	-248.54
		1532	29.28	1.91	-2.06	-0.43	0.27	1.95	62.42	-1919.32	-1881.31	24.41	-271.79

		1533	30.29	-0.05	-5.81	-5.55	-0.30	1.19	73.44	-1966.07	-1921.11	28.47	-299.48
		1531	32.24	0.04	-6.77	-6.49	-0.24	1.35	61.79	-2098.46	-2064.59	27.92	-268.34
1212	91	1530	31.13	1.73	-1.84	-0.26	0.14	1.77	54.44	-2046.71	-2016.99	24.71	-248.14
		1532	29.22	2.06	-2.02	-0.21	0.24	2.03	62.39	-1914.38	-1876.40	24.41	-271.36
		1533	30.19	-0.02	-5.43	-5.12	-0.33	1.26	73.42	-1961.00	-1916.06	28.49	-299.01
		1531	32.14	0.05	-6.38	-6.05	-0.28	1.40	61.65	-2093.40	-2059.57	27.82	-267.91
1213	31	1531	33.83	0.34	-10.01	-9.97	0.30	0.63	84.00	-2180.51	-2131.52	35.01	-329.44
		1533	32.01	0.69	-9.21	-8.93	0.42	1.63	101.24	-2055.07	-1988.39	34.55	-373.30
		1457	31.41	11.91	0.03	11.58	0.37	-1.97	26.77	-2044.51	-2028.24	10.51	-182.81
		1494	33.53	10.12	0.43	10.06	0.49	-0.75	28.05	-2189.19	-2175.16	14.02	-175.82
1213	39	1531	32.54	0.13	-5.00	-4.73	-0.15	1.15	76.99	-2116.70	-2072.72	33.01	-307.48
		1533	30.71	0.41	-4.70	-3.79	-0.50	1.96	95.99	-1989.97	-1929.29	35.31	-350.56
		1457	30.11	-0.41	-5.08	-4.81	-0.68	-1.09	24.31	-1979.47	-1966.84	11.67	-158.59
		1494	32.36	-0.32	-6.49	-6.46	-0.35	0.41	23.13	-2124.92	-2114.05	12.27	-152.37
1213	71	1531	32.46	0.14	-4.74	-4.43	-0.17	1.19	77.32	-2111.86	-2067.52	32.98	-308.36
		1533	30.63	0.50	-4.49	-3.49	-0.50	1.99	96.41	-1985.20	-1924.07	35.27	-351.45
		1457	30.03	-0.42	-4.96	-4.70	-0.68	-1.05	24.45	-1974.36	-1961.54	11.64	-159.53
		1494	32.27	-0.35	-6.39	-6.36	-0.38	0.45	23.27	-2119.80	-2108.78	12.25	-153.30
1214	27	1470	29.36	-0.09	-0.52	-0.47	-0.14	0.14	43.57	-1933.92	-1906.86	16.51	-229.75
		1484	26.87	-0.05	-1.52	-1.51	-0.06	-0.10	44.98	-1763.54	-1730.30	11.74	-242.94
		1534	27.74	0.50	-4.17	-4.08	0.40	0.66	73.21	-1798.90	-1749.95	24.26	-298.74
		1532	30.22	0.58	-4.25	-4.10	0.43	0.82	64.53	-1968.77	-1930.61	26.38	-275.92
1214	39	1470	28.72	5.88	-0.74	4.96	0.18	2.29	37.78	-1876.93	-1853.47	14.32	-210.64
		1484	26.14	5.09	-0.88	3.98	0.23	2.33	42.44	-1705.59	-1676.52	13.38	-232.52
		1534	26.82	4.44	-2.31	2.41	-0.28	3.10	69.60	-1738.89	-1695.21	25.92	-277.66
		1532	29.27	4.36	-2.13	2.41	-0.18	2.97	57.98	-1909.90	-1876.25	24.32	-255.15
1214	71	1470	28.65	5.85	-0.75	4.93	0.18	2.29	37.93	-1872.67	-1848.97	14.24	-211.46
		1484	26.08	5.07	-0.89	3.95	0.23	2.33	42.63	-1701.35	-1672.00	13.28	-224.33
		1534	26.76	4.42	-2.32	2.38	-0.28	3.10	69.89	-1734.73	-1690.67	25.83	-278.51
		1532	29.21	4.33	-2.15	2.38	-0.20	2.97	58.21	-1905.70	-1871.74	24.25	-256.01
1215	27	1532	30.25	0.86	-4.04	-3.87	0.69	0.90	66.78	-1969.79	-1930.82	27.81	-278.99
		1534	27.77	0.92	-3.98	-3.81	0.75	0.90	76.13	-1800.12	-1750.19	26.20	-301.97
		1535	28.84	0.16	-8.77	-8.77	0.16	0.14	92.27	-1847.00	-1786.56	31.84	-336.96
		1533	31.34	0.31	-9.91	-9.88	0.29	0.49	77.57	-2017.69	-1971.77	31.65	-306.77
1215	59	1532	29.19	1.82	-2.22	-0.63	0.23	1.97	64.34	-1912.57	-1874.21	25.98	-272.69
		1534	26.74	2.07	-2.33	-0.60	0.33	2.15	75.57	-1742.51	-1693.22	26.28	-295.27
		1535	27.67	0.18	-4.16	-3.73	-0.25	1.30	91.83	-1787.86	-1728.16	32.13	-329.63
		1533	30.16	0.19	-5.23	-4.79	-0.24	1.48	75.19	-1958.92	-1913.71	29.98	-299.84
1215	91	1532	29.14	1.97	-2.17	-0.39	0.20	2.05	64.16	-1908.21	-1869.89	25.85	-272.23
		1534	26.69	2.24	-2.30	-0.36	0.30	2.24	75.54	-1738.13	-1688.88	26.29	-294.77
		1535	27.58	0.25	-3.89	-3.36	-0.28	1.38	91.80	-1783.36	-1723.71	32.15	-329.08
		1533	30.07	0.23	-4.94	-4.42	-0.28	1.55	75.01	-1954.45	-1909.29	29.86	-299.32
1216	27	1533	31.88	0.48	-9.74	-9.67	0.41	0.83	102.16	-2042.67	-1977.53	37.03	-368.05
		1535	29.54	0.82	-8.77	-8.48	0.53	1.66	125.58	-1879.81	-1792.14	37.91	-410.03
		1493	28.74	0.43	-14.76	-14.63	0.30	-1.42	32.75	-1849.62	-1827.38	10.51	-203.42
		1457	31.64	0.36	-16.67	-16.67	0.36	-4.69e-04	33.55	-2036.86	-2017.83	14.52	-197.59
1216	59	1533	30.73	0.34	-5.04	-4.66	-0.05	1.39	100.45	-1984.24	-1919.45	35.67	-361.75
		1535	28.40	1.10	-4.61	-3.53	0.01	2.24	125.71	-1821.20	-1733.70	38.20	-403.38
		1493	27.46	-0.08	-7.73	-7.59	-0.22	-1.00	32.37	-1788.98	-1767.61	11.00	-196.12
		1457	30.35	-0.21	-9.58	-9.56	-0.24	0.46	31.51	-1976.70	-1958.43	13.24	-190.65
1216	91	1533	30.64	0.36	-4.73	-4.29	-0.08	1.43	100.33	-1979.80	-1915.03	35.57	-361.28
		1535	28.32	1.17	-4.36	-3.17	-0.02	2.28	125.72	-1816.75	-1729.25	38.22	-402.88
		1493	27.37	-0.12	-7.22	-7.09	-0.26	-0.97	32.34	-1784.36	-1763.06	11.03	-195.58
		1457	30.25	-0.25	-9.07	-9.05	-0.28	0.49	31.35	-1972.12	-1953.91	13.15	-190.13
1217	27	1484	26.64	0.91	-0.81	-0.79	0.89	0.19	49.40	-1747.07	-1713.45	15.78	-243.42
		1471	23.62	0.16	-2.05	-1.98	0.08	-0.40	50.69	-1541.31	-1499.48	8.86	-254.64
		1536	24.53	-0.49	-4.65	-4.58	-0.56	0.51	90.34	-1575.84	-1511.64	26.13	-320.71
		1534	27.54	0.78	-4.65	-4.48	0.61	0.94	77.88	-1782.25	-1732.68	28.31	-299.58
1217	39	1484	26.02	5.26	-0.98	3.92	0.35	2.56	43.20	-1697.25	-1667.97	13.92	-223.85
		1471	22.91	4.31	-1.28	2.82	0.21	2.47	48.28	-1490.30	-1453.54	11.52	-234.96
		1536	23.73	4.69	-2.66	2.20	-0.17	3.48	86.30	-1522.89	-1465.28	28.69	-298.98
		1534	26.70	4.69	-2.45	2.31	-0.06	3.37	70.38	-1730.75	-1686.78	26.40	-277.97
1217	71	1484	25.97	5.23	-1.00	3.90	0.34	2.55	43.34	-1693.70	-1664.15	13.79	-224.62
		1471	22.86	4.30	-1.28	2.79	0.22	2.47	48.47	-1486.78	-1449.70	11.38	-235.72
		1536	23.68	4.69	-2.65	2.18	-0.15	3.48	86.62	-1519.49	-1461.43	28.57	-299.79
		1534	26.65	4.67	-2.46	2.29	-0.08	3.37	70.60	-1727.28	-1682.95	26.28	-278.79
1218	27	1534	27.58	1.05	-4.41	-4.20	0.84	1.05	81.00	-1783.68	-1732.95	30.28	-303.34
		1536	24.61	1.19	-4.40	-4.28	1.07	0.83	94.71	-1577.54	-1511.94	29.11	-324.65
		1537	25.65	0.37	-8.81	-8.81	0.37	0.11	119.19	-1619.95	-1539.54	38.79	-365.20
		1535	28.68	0.35	-10.06	-10.03	0.32	0.56	97.35	-1829.78	-1768.58	36.15	-337.94
1218	59	1534	26.64	2.12	-2.53	-0.77	0.37	2.26	77.96	-1734.81	-1685.05	28.20	-296.19
		1536	23.67	2.35	-2.56	-0.87	0.66	2.33	93.98	-1528.24	-1463.66	29.40	-317.17
		1537	24.57	0.59	-3.77	-3.13	-0.04	1.54	118.43	-1569.51	-1490.31	39.23	-356.94
		1535	27.58	0.41	-4.92	-4.31	-0.20	1.69	94.10	-1779.77	-1719.73	34.05	-330.01
1218	91	1534	26.60	2.29	-2.48	-0.52	0.33	2.34	77.74	-1731.09	-1681.40	28.05	-295.66
		1536	23.63	2.53	-2.51	-0.62	0.63	2.44	93.93	-1524.49	-1459.98	29.42	-316.62
		1537	24.49	0.72	-3.50	-2.71	-0.07	1.65	118.37	-1565.67	-1486.56	39.26	-356.32

		1535	27.50	0.49	-4.61	-3.90	-0.23	1.77	93.85	-1775.97	-1716.01	33.89	-329.42
1219	27	1535	29.35	0.62	-9.88	-9.77	0.51	1.08	127.75	-1860.70	-1773.89	40.94	-406.29
		1537	26.51	1.11	-8.75	-8.39	0.75	1.84	160.39	-1659.99	-1544.18	44.58	-444.31
		1458	25.07	0.29	-14.00	-13.89	0.18	-1.24	41.57	-1602.92	-1572.03	10.68	-223.27
		1493	28.65	0.26	-16.28	-16.28	0.26	-0.05	41.39	-1835.56	-1809.46	15.29	-219.80
1219	59	1535	28.29	0.61	-4.73	-4.14	0.02	1.68	125.42	-1811.05	-1725.01	39.37	-399.02
		1537	25.47	1.67	-4.30	-2.83	0.20	2.57	160.28	-1610.13	-1494.88	45.03	-436.75
		1458	23.89	-0.14	-6.20	-6.06	-0.28	-0.91	40.83	-1551.43	-1521.87	11.27	-214.92
		1493	27.46	-0.26	-8.39	-8.36	-0.29	0.44	38.62	-1784.64	-1759.71	13.69	-211.75
1219	91	1535	28.21	0.66	-4.41	-3.73	-0.02	1.72	125.25	-1807.28	-1721.28	39.25	-398.48
		1537	25.39	1.80	-4.06	-2.42	0.16	2.63	160.27	-1606.34	-1491.13	45.06	-436.19
		1458	23.80	-0.17	-5.64	-5.49	-0.32	-0.89	40.78	-1547.51	-1518.05	11.32	-214.30
		1493	27.37	-0.30	-7.82	-7.79	-0.33	0.48	38.41	-1780.77	-1755.92	13.57	-211.15
1220	27	1471	23.36	0.88	-1.13	-1.11	0.86	0.19	56.56	-1523.67	-1481.37	14.25	-255.07
		1485	19.89	0.66	-2.71	-2.47	0.42	-0.87	56.13	-1286.80	-1233.58	2.91	-261.99
		1538	20.89	-0.31	-5.29	-5.27	-0.33	0.32	113.75	-1317.36	-1232.14	28.53	-338.67
		1536	24.35	1.31	-4.99	-4.80	1.12	1.09	96.54	-1558.27	-1493.26	31.53	-321.49
1220	39	1471	22.80	4.51	-1.43	2.77	0.31	2.71	49.67	-1481.60	-1444.47	12.55	-235.51
		1485	19.20	3.39	-1.41	1.53	0.45	2.34	54.37	-1243.25	-1196.19	7.31	-242.60
		1538	20.16	4.87	-2.79	1.71	0.37	3.77	109.53	-1272.02	-1195.08	32.59	-316.83
		1536	23.61	5.08	-2.66	2.13	0.30	3.76	87.69	-1514.77	-1456.70	29.62	-299.46
1220	71	1471	22.75	4.50	-1.43	2.75	0.31	2.70	49.75	-1478.78	-1441.35	12.33	-236.23
		1485	19.16	3.39	-1.41	1.51	0.47	2.34	54.52	-1240.49	-1193.04	7.08	-243.30
		1538	20.12	4.89	-2.77	1.70	0.41	3.77	109.85	-1269.40	-1191.93	32.38	-317.58
		1536	23.57	5.07	-2.67	2.12	0.28	3.76	87.89	-1512.05	-1453.57	29.41	-300.24
1221	27	1536	24.40	1.22	-4.74	-4.48	0.96	1.22	101.27	-1560.22	-1493.61	34.67	-325.93
		1538	21.00	1.63	-5.02	-4.96	1.57	0.63	120.97	-1319.65	-1232.47	33.80	-343.48
		1539	21.97	1.19	-8.96	-8.96	1.18	0.28	159.56	-1350.91	-1244.00	52.66	-387.36
		1537	25.49	0.66	-10.22	-10.17	0.61	0.72	126.08	-1602.00	-1520.61	44.69	-366.10
1221	59	1536	23.58	2.50	-2.84	-0.95	0.60	2.55	97.22	-1520.12	-1454.92	32.03	-318.11
		1538	20.15	2.74	-2.84	-1.43	1.32	2.43	119.88	-1279.11	-1193.43	34.20	-335.45
		1539	20.98	1.64	-3.56	-2.55	0.63	2.06	158.18	-1309.66	-1204.59	53.12	-378.40
		1537	24.49	0.91	-4.63	-3.75	0.04	2.02	121.46	-1561.22	-1481.56	41.79	-357.36
1221	91	1536	23.55	2.67	-2.78	-0.69	0.57	2.65	96.92	-1517.07	-1451.98	31.83	-317.53
		1538	20.11	2.91	-2.78	-1.17	1.30	2.56	119.80	-1276.03	-1190.46	34.23	-334.85
		1539	20.90	1.82	-3.31	-2.08	0.59	2.19	158.08	-1306.52	-1201.59	53.15	-377.73
		1537	24.41	1.03	-4.32	-3.28	-3.62e-04	2.11	121.11	-1558.12	-1478.58	41.57	-356.71
1222	27	1537	26.31	0.86	-9.98	-9.78	0.67	1.44	163.27	-1639.94	-1524.99	48.32	-440.54
		1539	22.99	1.69	-8.72	-8.22	1.19	2.23	209.84	-1398.51	-1246.63	57.96	-470.33
		1492	20.65	0.21	-13.13	-12.96	0.04	-1.52	54.58	-1304.62	-1261.49	11.45	-238.25
		1458	25.02	0.16	-15.96	-15.96	0.16	-0.13	52.47	-1589.04	-1553.27	16.69	-239.68
1222	59	1537	25.36	1.12	-4.43	-3.48	0.17	2.09	160.06	-1599.51	-1485.88	46.43	-432.48
		1539	22.16	2.78	-4.14	-1.98	0.62	3.20	209.32	-1357.86	-1207.12	58.59	-462.07
		1492	19.57	-0.13	-4.36	-4.11	-0.38	-1.01	53.28	-1262.76	-1221.61	12.13	-229.05
		1458	23.91	-0.33	-7.05	-7.03	-0.35	0.41	48.57	-1547.85	-1513.79	14.51	-230.68
1222	91	1537	25.29	1.21	-4.10	-3.02	0.13	2.14	159.83	-1596.44	-1482.90	46.29	-431.88
		1539	22.14	2.97	-3.91	-1.52	0.58	3.28	209.29	-1354.77	-1204.11	58.63	-461.45
		1492	19.49	-0.13	-3.74	-3.46	-0.41	-0.97	53.18	-1259.58	-1218.57	12.18	-228.36
		1458	23.83	-0.35	-6.41	-6.38	-0.39	0.45	48.28	-1544.71	-1510.78	14.35	-230.01
1223	27	1485	19.62	0.51	-1.45	-1.45	0.51	0.08	64.78	-1269.32	-1215.63	11.09	-262.19
		1472	15.80	0.67	-3.65	-2.92	-0.06	-1.62	59.26	-1009.70	-942.07	-8.37	-260.24
		1540	16.91	0.55	-6.24	-6.23	0.55	-0.08	144.44	-1029.31	-915.53	30.66	-347.28
		1538	20.68	0.14	-5.27	-5.01	-0.12	1.16	122.39	-1300.99	-1214.88	36.27	-339.34
1223	39	1485	19.10	3.65	-1.62	1.52	0.50	2.59	56.65	-1234.87	-1187.22	9.00	-243.47
		1472	15.12	2.08	-1.33	0.21	0.55	1.69	59.21	-973.48	-913.15	-1.12	-242.19
		1540	16.18	5.33	-2.35	0.61	2.37	3.74	140.68	-991.30	-887.75	37.14	-326.32
		1538	20.08	5.36	-2.83	1.69	0.83	4.07	111.71	-1265.23	-1187.56	34.05	-317.67
1223	71	1485	19.06	3.64	-1.62	1.51	0.52	2.58	56.65	-1232.75	-1184.74	8.64	-244.11
		1472	15.09	2.11	-1.32	0.19	0.60	1.70	59.28	-971.44	-910.67	-1.49	-242.79
		1540	16.15	5.33	-2.36	0.60	2.36	3.74	140.99	-989.40	-885.20	36.79	-327.00
		1538	20.05	5.35	-2.83	1.69	0.83	4.07	111.88	-1263.18	-1185.01	33.72	-318.39
1224	27	1538	20.80	1.89	-4.95	-4.67	1.61	1.35	130.22	-1303.53	-1215.27	41.97	-344.59
		1540	17.17	2.07	-6.11	-6.11	2.07	-0.06	167.80	-1030.92	-915.73	52.61	-353.29
		1541	17.87	-0.50	-9.62	-9.56	-0.56	0.74	232.41	-1035.29	-895.95	93.07	-396.51
		1539	21.81	-0.70	-10.46	-10.35	-0.81	1.02	168.59	-1335.65	-1227.77	60.71	-388.12
1224	39	1538	20.14	5.57	-2.75	1.75	1.06	4.15	117.60	-1266.19	-1187.91	39.32	-319.69
		1540	16.30	5.46	-2.92	0.42	2.11	4.10	151.73	-991.87	-887.89	47.75	-328.79
		1541	17.16	7.98	-3.15	4.21	0.63	5.27	213.84	-993.79	-867.93	87.99	-368.98
		1539	21.00	6.12	-2.71	3.32	0.09	4.11	153.45	-1296.06	-1200.21	57.59	-360.21
1224	71	1538	20.11	5.56	-2.75	1.75	1.06	4.14	117.75	-1264.19	-1185.37	38.93	-320.49
		1540	16.27	5.48	-2.90	0.42	2.16	4.10	151.88	-990.09	-885.36	47.15	-329.58
		1541	17.14	7.98	-3.09	4.18	0.71	5.26	214.09	-992.12	-865.39	87.37	-369.87
		1539	20.97	6.09	-2.71	3.29	0.09	4.10	153.66	-1294.15	-1197.66	57.17	-361.10
1225	27	1539	22.82	1.25	-10.03	-9.65	0.87	2.04	213.43	-1380.94	-1230.16	62.65	-466.54
		1541	18.98	3.03	-8.96	-8.10	2.17	3.10	280.68	-1089.18	-894.04	85.53	-478.79
		1459	15.39	0.59	-11.98	-11.36	-0.03	-2.72	75.40	-944.92	-883.66	14.13	-242.40
		1492	20.73	0.16	-15.79	-15.78	0.15	-0.32	68.22	-1296.11	-1246.79	18.89	-254.68

1225	59	1539	21.98	2.13	-4.29	-2.63	0.48	2.81	209.10	-1348.58	-1199.68	60.20	-458.00
		1541	18.50	5.00	-4.48	-1.12	1.64	4.53	279.76	-1056.73	-863.29	86.33	-470.22
		1459	14.34	0.69	-2.24	-1.10	-0.44	-1.43	73.35	-911.14	-852.64	14.85	-232.75
		1492	19.67	-0.37	-5.49	-5.47	-0.40	0.34	62.85	-1262.97	-1216.01	15.88	-245.08
1225	91	1539	21.96	2.31	-3.97	-2.11	0.45	2.87	208.78	-1346.12	-1197.36	60.02	-457.36
		1541	18.49	5.26	-4.27	-0.61	1.60	4.64	279.70	-1054.27	-860.95	86.39	-469.58
		1459	14.26	0.92	-1.74	-0.35	-0.47	-1.33	73.20	-908.58	-850.28	14.90	-232.03
		1492	19.59	-0.40	-4.75	-4.71	-0.44	0.39	62.45	-1260.46	-1213.66	15.65	-244.37
1226	27	1472	15.57	0.18	-1.86	-1.83	0.15	-0.22	72.47	-993.25	-925.72	4.94	-259.63
		1486	11.58	0.29	-4.87	-3.08	-1.50	-2.46	56.81	-727.59	-643.84	-26.94	-242.24
		1542	12.76	1.19	-7.32	-7.20	1.06	-1.03	179.49	-723.48	-575.65	31.66	-334.12
		1540	16.73	0.82	-5.17	-4.92	0.57	1.20	155.72	-1018.27	-904.14	41.59	-347.80
1226	47	1472	15.03	2.54	-1.60	0.13	0.81	2.04	62.35	-964.90	-902.96	0.41	-244.52
		1486	11.15	1.52	-1.04	-0.90	1.38	0.58	66.80	-704.95	-621.39	-16.76	-239.80
		1542	11.97	5.16	-2.26	-1.03	3.93	2.76	177.66	-690.74	-552.74	39.66	-317.49
		1540	16.19	5.70	-2.57	1.01	2.12	4.10	143.65	-987.40	-881.29	37.53	-329.79
1226	79	1472	15.00	2.54	-1.58	0.12	0.84	2.03	62.22	-963.42	-901.15	-0.06	-244.94
		1486	11.11	1.52	-1.05	-0.92	1.38	0.57	66.21	-702.97	-619.52	-17.24	-239.21
		1542	11.96	5.16	-2.29	-1.07	3.94	2.76	177.99	-689.36	-550.63	39.27	-317.93
		1540	16.16	5.68	-2.58	0.97	2.13	4.09	143.75	-985.81	-879.17	37.11	-330.28
1227	24	1540	15.94	12.80	-3.13	6.82	2.85	7.71	143.51	-943.93	-841.44	41.02	-317.72
		1542	11.94	13.83	-3.41	4.30	6.13	8.57	179.33	-652.06	-513.72	40.99	-309.64
		1543	13.50	30.11	-0.58	20.52	9.02	14.23	280.83	-629.35	-481.37	132.85	-335.85
		1541	17.89	25.53	-0.97	21.15	3.41	9.84	192.73	-998.86	-882.51	76.38	-353.69
1227	56	1540	15.97	8.95	-2.73	3.40	2.81	5.83	150.08	-957.63	-849.16	41.61	-329.21
		1542	11.93	9.03	-2.93	0.73	5.37	5.51	187.63	-666.28	-521.35	42.70	-320.55
		1543	13.07	19.96	-1.79	11.26	6.91	10.65	296.39	-620.74	-458.82	134.47	-349.69
		1541	17.37	16.08	-1.79	12.03	2.26	7.48	204.54	-987.01	-859.68	77.21	-368.11
1227	88	1540	15.98	8.68	-2.72	3.15	2.81	5.70	150.57	-958.66	-849.74	41.65	-330.08
		1542	11.93	8.70	-2.92	0.47	5.31	5.29	188.24	-667.35	-521.92	42.81	-321.37
		1543	13.04	19.23	-1.90	10.58	6.75	10.39	297.57	-620.11	-457.11	134.57	-350.73
		1541	17.33	15.40	-1.86	11.36	2.18	7.31	205.45	-986.14	-857.96	77.27	-369.20
1228	28	1541	18.99	23.93	-0.94	22.43	0.56	5.92	242.57	-1047.07	-887.36	82.86	-424.80
		1543	14.82	28.16	-2.66	22.47	3.03	11.97	345.88	-667.59	-474.57	152.86	-397.95
		1491	9.65	44.75	0.11	44.51	0.36	3.30	77.22	-463.96	-408.35	21.60	-164.33
		1459	16.07	36.19	-0.16	36.11	-0.08	1.70	47.52	-930.73	-886.74	3.53	-202.73
1228	60	1541	18.60	15.29	-1.17	13.17	0.95	5.51	259.55	-1036.20	-860.99	84.35	-443.09
		1543	14.55	19.99	-3.27	13.24	3.48	10.56	362.76	-661.87	-448.36	149.25	-416.15
		1491	8.86	29.31	-0.29	29.18	-0.16	1.99	95.77	-450.76	-379.06	24.07	-184.51
		1459	15.18	20.84	-0.75	20.75	-0.66	1.36	63.01	-911.31	-857.21	8.91	-223.12
1228	92	1541	18.57	14.69	-1.22	12.49	0.98	5.49	260.87	-1035.40	-858.99	84.46	-444.47
		1543	14.53	19.43	-3.36	12.57	3.51	10.45	364.07	-661.47	-446.38	148.98	-417.52
		1491	8.80	28.18	-0.32	28.06	-0.19	1.89	97.25	-449.85	-376.84	24.25	-186.04
		1459	15.12	19.71	-0.79	19.63	-0.70	1.34	64.23	-909.89	-854.98	9.32	-224.67
1229	4	1486	11.30	2.76	-1.85	0.45	0.47	2.30	80.46	-701.74	-619.78	-1.50	-239.56
		1473	7.63	3.15	-0.18	0.26	2.71	1.13	75.44	-464.45	-364.42	-24.58	-209.75
		1544	8.61	7.41	-0.07	0.82	6.52	2.42	226.62	-419.20	-258.63	66.05	-279.14
		1542	12.90	9.22	-1.02	2.49	5.71	4.86	193.41	-727.98	-580.59	46.01	-337.76
1229	36	1486	10.92	1.89	-1.22	-0.33	1.01	1.40	70.70	-687.87	-606.48	-10.69	-234.77
		1473	7.36	1.69	-0.59	-0.59	1.69	-5.84e-03	64.67	-451.89	-350.96	-36.26	-204.82
		1544	8.14	5.61	-1.62	-1.47	5.46	1.03	220.14	-394.88	-228.96	54.21	-272.98
		1542	12.30	6.89	-1.81	0.25	4.83	3.70	186.41	-700.58	-551.14	36.96	-332.00
1229	68	1486	10.89	1.85	-1.19	-0.39	1.05	1.34	69.95	-686.82	-605.47	-11.40	-234.40
		1473	7.34	1.62	-0.66	-0.65	1.61	-0.09	63.85	-450.94	-349.93	-37.16	-204.44
		1544	8.12	5.50	-1.77	-1.65	5.38	0.93	219.66	-393.06	-226.70	53.29	-272.50
		1542	12.25	6.74	-1.89	0.08	4.76	3.62	185.87	-698.50	-548.89	36.26	-331.55
1230	24	1542	12.45	11.46	-3.26	1.34	6.86	6.82	190.31	-695.88	-559.38	53.81	-319.89
		1544	9.18	11.16	-3.15	-1.09	9.11	5.02	219.92	-452.60	-255.12	22.43	-306.29
		1545	9.14	36.84	-0.12	15.24	21.47	18.21	414.63	-185.52	-30.69	259.80	-262.58
		1543	13.91	30.45	-0.43	21.84	8.18	13.84	269.18	-663.66	-511.90	117.42	-344.29
1230	56	1542	12.14	8.79	-3.27	-0.72	6.25	4.92	197.71	-681.13	-537.89	54.47	-324.60
		1544	8.63	6.84	-3.69	-3.51	6.66	1.36	219.59	-429.00	-233.85	24.44	-297.47
		1545	8.68	25.64	-3.48	5.16	17.01	13.30	429.83	-161.67	6.91	261.25	-267.02
		1543	13.33	20.17	-2.07	12.11	5.99	10.69	287.05	-642.18	-473.69	118.55	-358.03
1230	88	1542	12.11	8.61	-3.29	-0.88	6.20	4.78	198.26	-680.02	-536.27	54.50	-324.95
		1544	8.63	6.60	-3.80	-3.68	6.49	1.10	219.55	-427.23	-232.25	24.57	-296.81
		1545	8.65	24.87	-3.77	4.41	16.68	12.94	430.99	-159.92	9.74	261.33	-267.34
		1543	13.29	19.44	-2.22	11.39	5.83	10.47	288.43	-640.62	-470.81	118.62	-359.06
1231	5	1543	14.57	12.83	-11.14	-3.94	5.63	10.98	456.07	-610.39	-328.18	173.86	-470.45
		1545	11.33	21.64	-23.51	-12.40	10.54	19.44	563.07	-146.45	179.81	236.81	-353.61
		1460	7.89	20.25	-3.02	12.30	4.93	11.04	521.75	11.33	466.31	66.77	-158.82
		1491	8.40	0.86	-11.44	-9.22	-1.36	4.73	166.21	-446.15	-269.67	-10.27	-277.35
1231	37	1543	14.45	13.73	-6.65	1.61	5.48	10.00	418.83	-633.28	-379.23	164.79	-450.27
		1545	10.48	20.89	-17.93	-7.01	9.96	17.46	525.87	-143.81	130.55	251.51	-329.33
		1460	7.34	27.91	0.66	24.96	3.61	8.46	456.88	35.49	413.02	79.35	-128.68
		1491	8.48	5.01	-3.51	3.57	-2.07	3.19	134.04	-461.47	-324.27	-3.16	-250.76
1231	69	1543	14.44	13.82	-6.33	2.02	5.46	9.93	416.04	-635.08	-383.12	164.09	-448.72

		1545	10.42	20.83	-17.52	-6.61	9.92	17.30	523.18	-143.74	126.80	252.64	-327.47
		1460	7.31	28.62	0.79	25.90	3.51	8.26	451.93	37.35	408.96	80.33	-126.37
		1491	8.49	5.72	-3.33	4.52	-2.13	3.07	131.80	-462.85	-328.44	-2.61	-248.72
1232	15	1473	7.17	0.77	-1.94	-1.87	0.71	-0.41	87.02	-421.27	-332.32	-1.93	-193.13
		1487	5.39	0.19	-1.20	-1.00	-0.01	-0.49	70.10	-315.06	-171.83	-73.13	-186.15
		1546	4.50	3.28	-2.51	-1.06	1.83	-2.51	216.86	-104.56	26.18	86.12	-157.89
		1544	9.02	4.00	-1.48	-1.48	3.99	-0.12	231.82	-444.32	-240.93	28.42	-310.09
1232	47	1473	6.91	0.94	-1.57	-1.43	0.80	-0.58	74.08	-412.77	-323.97	-14.71	-188.00
		1487	5.23	0.53	-1.28	-0.49	-0.25	-0.90	63.94	-306.86	-163.11	-79.81	-180.66
		1546	4.39	3.07	-4.21	-2.50	1.36	-3.09	219.37	-87.37	37.69	94.31	-150.73
		1544	8.70	4.13	-2.86	-2.84	4.11	-0.38	217.09	-430.27	-229.70	16.52	-299.35
1232	79	1473	6.90	0.96	-1.55	-1.40	0.81	-0.60	73.09	-412.12	-323.34	-15.69	-187.61
		1487	5.22	0.57	-1.30	-0.45	-0.27	-0.93	63.48	-306.25	-162.44	-80.33	-180.25
		1546	4.38	3.06	-4.34	-2.61	1.33	-3.13	219.56	-86.06	38.57	94.93	-150.19
		1544	8.68	4.14	-2.96	-2.94	4.12	-0.40	215.97	-429.20	-228.84	15.61	-298.54
1233	5	1544	6.88	11.02	-8.80	-8.26	10.48	-3.24	208.25	-272.56	-130.43	66.11	-219.40
		1546	7.52	10.26	-12.69	-1.17	-1.26	-11.48	104.65	-376.21	-83.46	-188.10	-234.67
		1547	13.01	18.23	-41.97	-40.69	16.95	-8.67	932.53	539.21	686.02	785.72	190.24
		1545	8.49	7.53	-21.38	-20.28	6.43	5.52	413.83	-157.58	183.26	72.99	-280.33
1233	37	1544	7.18	8.96	-7.23	-6.95	8.68	-2.13	229.15	-284.33	-147.26	92.08	-227.15
		1546	7.77	7.66	-10.43	0.17	-2.94	-8.91	137.93	-382.29	-104.65	-139.71	-259.52
		1547	11.12	19.80	-33.26	-32.62	19.15	-5.81	816.34	508.76	604.26	720.84	142.32
		1545	8.94	10.60	-14.38	-12.16	8.38	7.10	414.40	-210.38	107.43	96.60	-312.34
1233	69	1544	7.20	8.80	-7.11	-6.85	8.54	-2.05	230.80	-285.27	-148.54	94.07	-227.74
		1546	7.80	7.47	-10.28	0.27	-3.07	-8.72	140.72	-382.95	-106.27	-135.97	-261.41
		1547	10.98	19.92	-32.61	-32.01	19.31	-5.59	807.59	506.28	598.02	715.86	138.65
		1545	8.99	10.85	-13.88	-11.55	8.53	7.22	414.83	-214.77	101.64	98.43	-314.79
1234	2	1545	8.95	38.07	-18.76	-6.90	26.21	23.10	579.28	114.31	254.21	439.38	-213.26
		1547	9.50	19.82	-73.07	-56.28	3.03	35.75	532.70	280.70	523.92	289.47	46.20
		1490	40.56	153.88	10.30	137.43	26.75	45.73	2419.67	502.70	2239.24	683.13	559.76
		1460	11.96	74.91	-4.98	74.81	-4.88	2.89	444.87	-199.35	403.38	-157.85	-158.15
1234	34	1545	9.37	36.72	-13.23	-1.99	25.49	20.86	602.01	61.15	204.94	458.22	-238.95
		1547	8.69	14.15	-62.62	-51.75	3.29	26.76	477.06	303.30	476.40	303.97	10.70
		1490	37.63	127.11	14.82	114.30	27.63	35.70	2324.57	529.79	2151.75	702.61	529.44
		1460	10.29	52.84	-10.44	52.61	-10.20	3.86	373.18	-235.74	314.00	-176.56	-180.37
1234	66	1545	9.41	36.62	-12.80	-1.61	25.43	20.69	603.82	56.99	201.14	459.67	-240.93
		1547	8.62	13.75	-61.84	-51.40	3.31	26.08	473.11	304.71	472.73	305.09	7.97
		1490	37.41	125.11	15.16	112.57	27.69	34.94	2317.24	531.87	2145.01	704.10	527.10
		1460	10.18	51.19	-10.85	50.94	-10.60	3.93	367.85	-238.74	307.11	-178.00	-182.09
1235	8	1487	4.20	1.95	-0.78	-0.67	1.85	0.52	114.57	-201.16	-47.50	-39.10	-157.81
		1462	3.12	0.39	-3.49	0.37	-3.46	0.32	3.61	-202.42	-73.54	-125.27	-99.72
		1488	1.89	-1.22	-10.25	-1.90	-9.57	-2.38	131.51	33.43	108.79	56.15	-41.38
		1546	8.79	8.20	-7.46	-0.98	1.72	-7.71	258.02	-364.79	-172.13	65.36	-287.87
1235	40	1487	4.06	0.67	-0.95	-0.95	0.67	0.01	105.42	-201.90	-45.75	-50.73	-153.64
		1462	2.69	0.83	-1.55	0.83	-1.55	-0.08	2.35	-176.12	-70.54	-103.23	-87.73
		1488	1.94	-1.42	-8.04	-1.63	-7.83	-1.15	140.73	72.58	132.87	80.44	-21.77
		1546	8.19	6.21	-6.74	-1.00	0.47	-6.43	245.37	-340.37	-150.85	55.86	-274.03
1235	72	1487	4.05	0.58	-0.97	-0.97	0.58	-0.02	104.73	-201.97	-45.62	-51.63	-153.32
		1462	2.66	0.86	-1.41	0.86	-1.41	-0.11	2.28	-174.13	-70.31	-101.54	-86.81
		1488	1.96	-1.43	-7.89	-1.61	-7.71	-1.06	141.64	75.38	134.71	82.30	-20.27
		1546	8.14	6.06	-6.69	-1.00	0.37	-6.34	244.42	-338.52	-149.23	55.12	-272.97
1236	6	1546	7.32	-0.07	-6.96	-6.94	-0.09	0.33	510.95	103.44	480.73	133.66	106.78
		1488	13.22	0.94	-17.12	-0.57	-15.61	-5.01	85.30	-830.76	-691.86	-53.60	-328.56
		1489	29.70	-8.27	-70.40	-15.24	-63.43	-19.60	1985.34	406.49	1300.38	1091.45	782.48
		1547	16.40	44.47	-39.05	-13.91	19.33	-38.31	223.59	-728.65	-423.53	-81.53	-444.35
1236	38	1546	6.74	-3.07	-7.74	-7.66	-3.14	0.58	488.56	171.17	462.46	197.28	87.20
		1488	13.47	2.69	-8.57	1.23	-7.11	-3.79	77.14	-852.41	-706.81	-68.46	-337.85
		1489	28.71	-5.59	-57.44	-8.49	-54.54	-11.91	1984.69	451.33	1335.47	1100.55	757.63
		1547	16.20	40.09	-30.17	-9.94	19.85	-31.82	286.80	-706.08	-391.87	-27.41	-461.79
1236	70	1546	6.70	-3.29	-7.80	-7.72	-3.37	0.60	486.84	176.37	461.05	202.16	85.69
		1488	13.49	2.84	-7.93	1.37	-6.46	-3.69	76.51	-854.08	-707.96	-69.61	-338.57
		1489	28.63	-5.33	-56.51	-7.97	-53.86	-11.33	1984.68	454.76	1338.18	1101.25	755.73
		1547	16.18	39.76	-29.50	-9.63	19.89	-31.33	291.66	-704.34	-389.42	-23.26	-463.13
1237	5	1547	67.42	17.37	-48.36	-44.36	13.37	15.72	4672.35	560.31	2130.46	3102.20	1997.79
		1489	118.16	-80.76	-113.37	-107.26	-86.87	-12.72	-1149.61	-8112.63	-6532.99	-2729.24	-2916.12
		50	291.62	77.87	-75.38	76.14	-73.65	16.16	2.056e+04	2840.10	1.328e+04	1.013e+04	8720.21
		1490	73.62	109.31	39.44	108.77	39.98	6.08	1788.37	-3627.66	1580.90	-3420.19	-1039.53
1237	37	1547	67.27	21.23	-41.65	-39.04	18.63	12.52	4698.24	634.96	2192.73	3140.47	1975.61
		1489	120.89	-64.72	-110.47	-99.90	-75.29	-19.28	-820.42	-8158.82	-6491.33	-2487.91	-3075.10
		50	282.27	107.97	-65.75	105.90	-63.69	18.83	1.982e+04	2707.04	1.275e+04	9782.22	8428.20
		1490	70.00	102.66	47.32	99.86	50.12	12.13	1380.01	-3784.36	1083.08	-3487.63	-1201.82
1237	69	1547	67.26	21.52	-41.14	-38.64	19.02	12.28	4700.23	640.65	2197.49	3143.39	1973.92
		1489	121.11	-63.47	-110.26	-99.33	-74.39	-19.79	-795.10	-8162.29	-6488.14	-2469.25	-3087.23
		50	281.55	110.22	-65.02	108.13	-62.93	19.03	1.977e+04	2696.86	1.271e+04	9755.78	8405.83
		1490	69.76	102.25	47.78	99.16	50.88	12.60	1349.76	-3797.27	1045.27	-3492.79	-1214.28
1238	5	1560	5.70	-0.86	-8.67	-0.94	-8.60	0.74	267.47	-159.40	-16.38	124.46	201.49
		1599	13.66	1.77	-3.47	-1.46	-0.23	-2.55	601.28	-428.40	42.99	129.89	513.00

		1600	19.76	6.02	0.65	3.59	3.09	2.67	1022.79	-444.34	-113.08	691.54	613.40
		1572	10.94	3.30	-5.75	-0.91	-1.54	4.51	725.25	16.61	107.72	634.14	237.20
1238	37	1560	5.31	1.53	-0.28	0.12	1.14	0.75	258.58	-137.51	-16.50	137.58	182.45
		1599	13.20	5.35	-2.69	-1.21	3.87	-3.11	571.34	-421.54	44.29	105.52	495.49
		1600	18.93	7.18	2.06	2.06	7.18	-6.38e-03	987.23	-419.23	-99.79	667.79	589.27
		1572	11.00	8.76	-1.79	-1.22	8.19	2.39	725.62	49.95	123.88	651.69	210.93
1238	69	1560	5.29	2.16	-0.09	0.20	1.88	0.75	257.99	-135.85	-16.51	138.65	180.99
		1599	13.16	5.64	-2.65	-1.19	4.18	-3.16	569.02	-421.02	44.38	103.62	494.14
		1600	18.87	7.50	1.93	1.94	7.49	-0.21	984.49	-417.32	-98.76	665.93	587.43
		1572	11.01	9.40	-1.70	-1.24	8.93	2.22	725.77	52.45	125.13	653.09	208.93
1239	29	1599	14.43	6.05	-3.57	0.87	1.61	-4.79	554.47	-525.98	-135.23	163.72	519.14
		1561	14.87	3.70	-4.04	0.11	-0.44	-3.86	562.34	-559.18	-266.50	269.67	492.52
		1601	19.10	9.66	-5.51	2.78	1.36	-7.55	851.37	-566.05	-247.72	533.05	591.50
		1600	15.17	16.89	0.36	3.60	13.65	-6.56	967.72	-77.51	128.38	761.83	415.71
1239	61	1599	13.54	6.99	-1.73	0.62	4.64	-3.87	508.77	-511.37	-125.76	123.16	494.65
		1561	13.91	5.84	-3.35	0.23	2.26	-4.49	504.97	-541.76	-256.82	220.02	465.91
		1601	17.85	8.03	-4.40	0.35	3.28	-6.04	795.43	-542.56	-234.24	487.11	563.44
		1600	14.32	13.99	-0.86	0.81	12.32	-4.70	919.42	-49.51	144.86	725.04	388.01
1239	93	1599	13.47	7.09	-1.63	0.60	4.87	-3.80	505.35	-510.31	-125.05	120.09	492.82
		1561	13.84	6.01	-3.31	0.24	2.45	-4.53	500.64	-540.50	-256.09	216.23	463.92
		1601	17.76	7.95	-4.36	0.17	3.42	-5.94	791.18	-540.79	-233.21	483.60	561.32
		1600	14.26	13.81	-0.97	0.61	12.23	-4.57	915.76	-47.37	146.13	722.26	385.91
1240	29	1561	15.79	3.84	-3.13	1.09	-0.39	-3.40	544.43	-646.85	-330.49	228.08	526.10
		1598	18.21	3.43	-4.00	1.51	-2.08	-3.25	493.43	-867.70	-609.59	235.32	533.57
		1602	20.90	4.01	-2.99	3.56	-2.55	-1.70	711.28	-872.78	-613.22	451.72	586.33
		1601	18.42	6.62	-0.60	4.86	1.15	-3.10	884.78	-493.19	-216.91	608.50	551.70
1240	61	1561	14.76	5.53	-2.80	0.56	2.17	-4.09	489.19	-622.17	-311.32	178.34	498.84
		1598	17.25	5.05	-3.90	1.01	0.14	-4.46	444.75	-837.95	-592.15	198.95	504.85
		1602	19.71	3.04	-3.37	0.33	-0.66	-3.17	661.50	-834.77	-592.78	419.51	550.94
		1601	17.13	6.68	-1.69	1.65	3.34	-4.10	825.54	-458.97	-196.24	562.80	518.12
1240	93	1561	14.69	5.67	-2.79	0.53	2.36	-4.13	485.04	-620.35	-309.87	174.56	496.79
		1598	17.18	5.19	-3.92	0.97	0.30	-4.54	441.06	-835.71	-590.82	196.17	502.70
		1602	19.62	3.07	-3.50	0.09	-0.52	-3.27	657.73	-831.92	-591.22	417.03	548.29
		1601	17.04	6.75	-1.84	1.41	3.50	-4.17	821.05	-456.41	-194.67	559.31	515.61
1241	25	1598	18.64	3.35	-3.42	1.42	-1.49	-3.06	489.85	-903.39	-642.11	228.56	543.84
		1562	21.44	2.86	-2.94	1.37	-1.45	-2.53	411.07	-1163.18	-954.65	202.54	533.65
		1603	23.42	2.22	-2.69	2.11	-2.58	-0.73	541.49	-1205.30	-1004.68	340.87	556.95
		1602	21.16	3.99	-2.41	3.53	-1.95	-1.65	720.08	-885.33	-632.98	467.73	584.32
1241	57	1598	17.51	4.81	-3.60	0.89	0.32	-4.20	440.50	-861.55	-612.37	191.32	512.20
		1562	20.47	4.11	-3.80	0.79	-0.48	-3.90	374.23	-1120.38	-926.78	180.62	501.87
		1603	22.33	1.31	-3.70	-0.86	-1.53	-2.48	505.87	-1159.88	-974.82	320.80	523.48
		1602	19.81	3.32	-3.02	0.44	-0.14	-3.16	667.63	-837.14	-602.76	433.25	545.67
1241	89	1598	17.42	4.93	-3.63	0.85	0.45	-4.28	436.76	-858.38	-610.08	188.47	509.83
		1562	20.39	4.22	-3.88	0.75	-0.41	-4.00	371.42	-1117.12	-924.62	178.91	499.49
		1603	22.25	1.34	-3.88	-1.08	-1.46	-2.61	503.15	-1156.42	-972.49	319.22	520.97
		1602	19.70	3.37	-3.17	0.21	-0.01	-3.27	663.67	-833.48	-600.41	430.61	542.78
1242	25	1562	21.65	1.63	-3.51	-0.31	-1.58	-2.49	403.73	-1186.94	-987.12	203.90	527.18
		1597	24.42	0.94	-2.88	-0.46	-1.47	-1.84	323.80	-1434.79	-1281.08	170.08	496.68
		1604	26.48	-2.57	-6.47	-6.47	-2.57	-0.05	405.50	-1513.59	-1357.18	249.09	525.07
		1603	23.80	-2.45	-5.49	-5.37	-2.58	-0.61	544.58	-1235.14	-1037.83	347.27	558.76
1242	57	1562	20.56	3.56	-4.08	0.04	-0.56	-3.81	369.52	-1132.80	-943.54	180.25	498.51
		1597	23.49	2.74	-3.92	-0.22	-0.96	-3.31	301.31	-1382.39	-1239.06	157.98	469.88
		1604	25.26	-1.03	-6.24	-5.41	-1.86	-1.91	380.78	-1454.56	-1311.48	237.69	492.07
		1603	22.41	-0.12	-5.58	-4.25	-1.45	-2.34	507.42	-1173.75	-990.56	324.23	523.85
1242	89	1562	20.48	3.70	-4.13	0.07	-0.49	-3.90	366.92	-1128.66	-940.16	178.43	496.37
		1597	23.42	2.87	-4.00	-0.21	-0.92	-3.42	299.58	-1378.37	-1235.80	157.01	467.87
		1604	25.17	-0.88	-6.28	-5.34	-1.81	-2.04	378.89	-1450.05	-1307.94	236.78	489.60
		1603	22.31	0.06	-5.61	-4.18	-1.38	-2.46	504.61	-1169.07	-986.91	322.45	521.24
1243	25	1597	24.85	1.15	-3.42	-0.77	-1.50	-2.25	323.19	-1464.27	-1312.63	171.55	498.06
		1563	27.42	1.07	-2.06	-1.04	0.04	-1.47	256.90	-1685.71	-1570.40	141.59	459.03
		1605	29.54	-2.52	-7.41	-7.39	-2.53	-0.28	305.16	-1781.62	-1661.90	185.43	485.29
		1604	26.95	-2.37	-6.57	-6.46	-2.48	-0.67	406.82	-1546.23	-1393.09	253.67	525.02
1243	57	1597	23.69	2.80	-4.11	-0.34	-0.97	-3.44	300.41	-1396.51	-1254.35	158.25	470.14
		1563	26.40	2.31	-3.43	-0.68	-0.43	-2.87	242.28	-1620.51	-1513.50	135.27	433.46
		1605	28.21	-1.26	-7.02	-6.36	-1.92	-1.83	288.95	-1708.06	-1598.43	179.32	454.89
		1604	25.49	-0.83	-6.34	-5.36	-1.80	-2.10	381.67	-1469.84	-1328.17	240.00	492.16
1243	89	1597	23.60	2.92	-4.16	-0.31	-0.93	-3.53	298.68	-1391.31	-1249.84	157.21	468.05
		1563	26.32	2.41	-3.53	-0.66	-0.47	-2.97	241.14	-1615.49	-1509.08	134.74	431.54
		1605	28.11	-1.15	-7.03	-6.29	-1.88	-1.94	287.70	-1702.43	-1593.53	178.81	452.62
		1604	25.38	-0.70	-6.35	-5.29	-1.75	-2.20	379.76	-1464.00	-1323.17	238.94	489.71
1244	25	1563	27.88	0.85	-3.37	-1.26	-1.25	-2.11	255.57	-1714.23	-1600.81	142.15	458.86
		1596	30.26	0.79	-2.31	-1.51	-0.01	-1.35	206.71	-1903.80	-1817.92	120.83	416.98
		1606	31.91	0.38	-8.11	-8.10	0.37	-0.38	213.87	-1986.46	-1929.21	156.61	350.29
		1605	29.99	-2.02	-7.51	-7.36	-2.17	-0.89	305.53	-1812.74	-1695.63	188.43	484.09
1244	57	1563	26.61	2.22	-4.00	-0.76	-1.02	-3.11	241.37	-1633.97	-1527.95	135.35	433.11
		1596	29.02	1.81	-3.35	-1.07	-0.47	-2.56	196.59	-1825.97	-1746.25	116.88	393.54
		1606	30.65	-0.13	-7.55	-7.12	-0.55	-1.73	213.66	-1909.61	-1842.51	146.56	371.43

		1605	28.43	-0.99	-7.08	-6.31	-1.75	-2.01	289.43	-1722.65	-1614.12	180.90	454.52
1244	89	1563	26.51	2.31	-4.05	-0.73	-1.00	-3.18	240.28	-1627.80	-1522.32	134.80	431.19
		1596	28.93	1.89	-3.43	-1.04	-0.50	-2.65	195.80	-1819.97	-1740.71	116.53	391.79
		1606	30.55	-0.14	-7.54	-7.05	-0.62	-1.83	213.65	-1903.73	-1835.85	145.77	372.99
		1605	28.31	-0.90	-7.06	-6.24	-1.72	-2.09	288.21	-1715.76	-1607.85	180.31	452.31
1245	25	1596	30.23	1.35	-2.88	-1.65	0.11	-1.92	187.21	-1912.78	-1855.22	129.65	342.88
		1564	32.43	0.73	-2.50	-1.87	0.11	-1.28	160.34	-2073.09	-2029.80	117.06	307.89
		1607	34.45	0.32	-8.64	-8.59	0.27	-0.65	173.22	-2177.75	-2133.42	128.89	319.78
		1606	32.36	0.56	-8.12	-8.01	0.45	-0.97	215.31	-2016.72	-1957.94	156.52	357.42
1245	57	1596	28.99	2.03	-3.55	-1.11	-0.41	-2.77	186.93	-1829.82	-1763.82	120.93	358.82
		1564	31.09	1.49	-3.20	-1.35	-0.36	-2.29	157.59	-1989.37	-1939.95	108.17	321.96
		1607	32.94	-0.14	-8.08	-7.68	-0.54	-1.73	171.98	-2084.03	-2033.00	120.96	335.41
		1606	30.86	-3.73e-03	-7.56	-7.05	-0.52	-1.91	214.58	-1923.83	-1855.91	146.66	375.01
1245	89	1596	28.90	2.08	-3.60	-1.07	-0.45	-2.83	186.91	-1823.46	-1756.79	120.24	359.98
		1564	30.99	1.56	-3.27	-1.32	-0.40	-2.37	157.38	-1982.93	-1933.03	107.48	322.98
		1607	32.83	-0.16	-8.06	-7.62	-0.60	-1.80	171.88	-2076.85	-2025.30	120.33	336.55
		1606	30.75	-0.03	-7.54	-6.98	-0.59	-1.97	214.54	-1916.74	-1848.09	145.89	376.29
1246	25	1564	32.75	1.22	-2.91	-1.88	0.18	-1.79	156.86	-2096.55	-2052.69	113.00	311.29
		1595	34.45	0.64	-2.64	-2.06	0.06	-1.25	139.72	-2218.39	-2185.88	107.21	274.98
		1608	36.39	0.40	-9.00	-8.93	0.33	-0.81	141.93	-2322.92	-2289.49	108.50	285.11
		1607	34.80	0.46	-8.61	-8.48	0.33	-1.10	172.14	-2202.95	-2157.40	126.58	325.76
1246	57	1564	31.24	1.69	-3.36	-1.34	-0.33	-2.47	155.91	-2000.41	-1950.76	106.26	323.41
		1595	32.92	1.23	-3.06	-1.51	-0.32	-2.06	135.35	-2121.98	-2085.22	98.59	285.71
		1608	34.69	-0.11	-8.45	-8.10	-0.45	-1.66	141.25	-2215.50	-2177.62	103.38	296.37
		1607	33.11	-0.07	-8.05	-7.60	-0.52	-1.83	171.65	-2095.91	-2044.21	119.95	338.45
1246	89	1564	31.14	1.73	-3.39	-1.30	-0.37	-2.52	155.84	-1993.03	-1942.92	105.73	324.28
		1595	32.80	1.28	-3.10	-1.48	-0.34	-2.12	135.03	-2114.57	-2077.47	97.93	286.48
		1608	34.56	-0.13	-8.42	-8.05	-0.51	-1.72	141.21	-2207.27	-2169.05	102.98	297.18
		1607	32.98	-0.11	-8.02	-7.54	-0.58	-1.88	171.62	-2087.72	-2035.54	119.44	339.37
1247	25	1595	34.69	0.90	-2.80	-2.01	0.11	-1.52	136.31	-2236.82	-2204.09	103.58	276.79
		1565	35.83	0.61	-2.61	-2.16	0.16	-1.11	121.16	-2319.53	-2296.11	97.74	237.90
		1609	37.73	0.49	-9.20	-9.13	0.42	-0.82	122.83	-2421.60	-2397.80	99.02	244.96
		1608	36.68	0.47	-8.88	-8.77	0.36	-1.01	143.05	-2342.27	-2308.17	108.96	289.10
1247	57	1595	33.03	1.32	-3.09	-1.47	-0.30	-2.12	133.73	-2130.65	-2093.83	96.90	286.41
		1565	34.16	1.01	-2.82	-1.60	-0.21	-1.79	117.60	-2213.31	-2186.75	91.03	247.42
		1609	35.88	-0.08	-8.67	-8.40	-0.36	-1.52	121.18	-2303.84	-2276.93	94.27	254.02
		1608	34.83	-0.10	-8.34	-8.00	-0.45	-1.65	141.92	-2224.62	-2186.36	103.65	298.47
1247	89	1595	32.90	1.36	-3.12	-1.43	-0.33	-2.17	133.54	-2122.50	-2085.35	96.39	287.09
		1565	34.03	1.05	-2.85	-1.56	-0.24	-1.83	117.34	-2205.15	-2178.34	90.53	248.10
		1609	35.74	-0.12	-8.64	-8.35	-0.42	-1.57	121.06	-2294.83	-2267.68	93.91	254.66
		1608	34.69	-0.14	-8.31	-7.95	-0.51	-1.69	141.83	-2215.62	-2177.04	103.24	299.13
1248	25	1565	36.03	0.64	-2.59	-2.12	0.17	-1.15	121.85	-2332.34	-2309.13	98.64	237.54
		1594	36.60	0.52	-2.56	-2.27	0.22	-0.90	110.44	-2375.62	-2360.05	94.87	196.13
		1610	38.42	0.55	-9.32	-9.26	0.49	-0.72	109.94	-2473.75	-2458.49	94.68	198.00
		1609	37.93	0.51	-9.04	-8.98	0.45	-0.77	123.83	-2434.66	-2410.86	100.03	245.65
1248	57	1565	34.25	0.97	-2.75	-1.56	-0.22	-1.73	117.91	-2219.33	-2192.91	91.49	247.10
		1594	34.82	0.76	-2.56	-1.66	-0.14	-1.48	106.51	-2262.55	-2244.34	88.30	206.90
		1610	36.47	-0.09	-8.81	-8.61	-0.29	-1.31	107.86	-2348.95	-2331.21	90.12	208.04
		1609	35.97	-0.12	-8.53	-8.30	-0.35	-1.38	121.71	-2309.98	-2283.04	94.77	254.55
1248	89	1565	34.12	1.00	-2.77	-1.52	-0.25	-1.77	117.62	-2210.66	-2183.98	90.95	247.78
		1594	34.69	0.79	-2.57	-1.62	-0.16	-1.52	106.23	-2253.87	-2235.45	87.81	207.67
		1610	36.32	-0.13	-8.78	-8.57	-0.34	-1.35	107.71	-2339.41	-2321.47	89.77	208.76
		1609	35.83	-0.16	-8.50	-8.25	-0.41	-1.42	121.56	-2300.45	-2273.26	94.37	255.18
1249	25	1594	36.71	3.74	-5.71	-2.68	0.71	-4.41	112.13	-2382.59	-2367.48	97.02	193.56
		1566	36.72	0.26	-2.33	-2.29	0.21	-0.32	103.93	-2386.34	-2377.20	94.80	150.52
		1611	38.45	0.13	-9.26	-9.26	0.13	-0.25	102.93	-2479.53	-2471.26	94.66	145.93
		1610	38.52	2.05	-10.98	-9.55	0.61	-4.08	111.78	-2480.42	-2465.57	96.94	195.63
1249	57	1594	34.87	2.29	-4.04	-1.83	0.08	-3.02	107.28	-2265.80	-2247.86	89.34	205.52
		1566	34.88	0.37	-2.15	-1.67	-0.11	-0.99	100.00	-2269.26	-2257.77	88.51	164.61
		1611	36.45	-0.34	-8.82	-8.72	-0.43	-0.90	100.57	-2350.81	-2340.38	90.14	159.56
		1610	36.51	0.56	-9.52	-8.71	-0.25	-2.73	108.73	-2352.06	-2334.51	91.17	207.12
1249	89	1594	34.73	2.18	-3.92	-1.77	0.03	-2.92	106.92	-2256.84	-2238.68	88.76	206.38
		1566	34.74	0.40	-2.16	-1.63	-0.13	-1.04	99.72	-2260.28	-2248.60	88.04	165.63
		1611	36.30	-0.37	-8.79	-8.68	-0.47	-0.95	100.41	-2340.97	-2330.37	89.80	160.55
		1610	36.36	0.45	-9.41	-8.65	-0.31	-2.63	108.51	-2342.26	-2324.48	90.74	207.95
1250	25	1566	36.74	3.62	-5.72	-2.86	0.76	-4.30	104.36	-2387.35	-2378.71	95.72	146.40
		1593	36.20	3.02	-5.18	-2.91	0.74	-3.68	101.91	-2351.49	-2347.16	97.59	102.91
		1612	37.86	1.67	-10.94	-9.84	0.57	-3.55	101.67	-2438.95	-2435.65	98.37	91.49
		1611	38.47	1.98	-11.15	-9.76	0.59	-4.04	103.75	-2479.80	-2472.02	95.97	141.56
1250	57	1566	34.89	2.05	-3.83	-1.91	0.13	-2.76	100.15	-2269.69	-2258.50	88.96	162.50
		1593	34.34	1.65	-3.44	-1.94	0.15	-2.32	98.08	-2233.20	-2226.85	91.73	121.48
		1612	35.84	0.32	-9.60	-9.06	-0.21	-2.24	99.05	-2309.28	-2304.23	94.00	110.19
		1611	36.46	0.46	-9.61	-8.92	-0.23	-2.54	100.90	-2350.89	-2340.70	90.72	157.70
1250	89	1566	34.75	1.94	-3.70	-1.84	0.09	-2.65	99.86	-2260.68	-2249.28	88.45	163.67
		1593	34.20	1.55	-3.31	-1.87	0.11	-2.22	97.81	-2224.14	-2217.62	91.29	122.84
		1612	35.68	0.23	-9.51	-9.01	-0.27	-2.14	98.87	-2299.38	-2294.18	93.67	111.56
		1611	36.30	0.35	-9.50	-8.85	-0.29	-2.43	100.71	-2341.05	-2330.67	90.32	158.88

1251	25	1593	36.15	3.56	-5.89	-3.12	0.80	-4.30	103.46	-2346.53	-2342.61	99.53	97.99
		1567	35.04	3.08	-5.44	-3.16	0.79	-3.78	104.63	-2271.04	-2269.79	103.38	54.55
		1613	36.64	1.69	-11.40	-10.25	0.54	-3.71	109.43	-2351.79	-2351.23	108.87	37.11
		1612	37.80	1.93	-11.59	-10.21	0.55	-4.09	103.96	-2432.84	-2429.90	101.03	86.20
1251	57	1593	34.31	1.85	-3.70	-2.03	0.17	-2.55	98.74	-2230.81	-2224.72	92.64	118.99
		1567	33.19	1.49	-3.36	-2.04	0.18	-2.16	100.90	-2154.27	-2151.55	98.19	78.19
		1613	34.63	0.25	-9.77	-9.29	-0.23	-2.13	104.95	-2224.09	-2222.47	103.33	61.42
		1612	35.81	0.36	-9.79	-9.20	-0.24	-2.38	100.03	-2306.34	-2301.49	95.18	107.90
1251	89	1593	34.17	1.72	-3.54	-1.95	0.12	-2.42	98.41	-2221.96	-2215.68	92.13	120.54
		1567	33.05	1.38	-3.21	-1.96	0.13	-2.04	100.64	-2145.33	-2142.49	97.79	79.93
		1613	34.47	0.15	-9.66	-9.22	-0.29	-2.02	104.63	-2214.36	-2212.64	102.91	63.21
		1612	35.65	0.25	-9.67	-9.12	-0.29	-2.26	99.76	-2296.70	-2291.68	94.74	109.49
1252	25	1567	34.94	3.41	-6.39	-3.80	0.82	-4.32	107.58	-2260.23	-2259.20	106.56	49.36
		1592	33.30	3.05	-6.09	-3.82	0.78	-3.95	116.58	-2145.17	-2145.15	116.56	6.90
		1614	34.85	1.63	-12.60	-11.42	0.45	-3.94	126.76	-2217.79	-2217.69	126.66	-15.58
		1613	36.52	1.80	-12.73	-11.42	0.48	-4.16	110.13	-2339.46	-2339.07	109.74	31.03
1252	57	1567	33.14	1.59	-3.73	-2.32	0.18	-2.35	102.20	-2149.12	-2146.58	99.67	75.57
		1592	31.47	1.29	-3.47	-2.33	0.15	-2.03	110.84	-2032.54	-2031.95	110.25	35.59
		1614	32.83	0.14	-10.26	-9.84	-0.29	-2.06	118.97	-2094.87	-2094.77	118.87	14.44
		1613	34.56	0.23	-10.29	-9.79	-0.26	-2.23	105.13	-2218.21	-2216.72	103.64	58.75
1252	89	1567	33.00	1.46	-3.54	-2.22	0.14	-2.20	101.83	-2140.63	-2137.95	99.15	77.51
		1592	31.33	1.16	-3.28	-2.22	0.10	-1.89	110.44	-2023.95	-2023.28	109.77	37.71
		1614	32.68	0.04	-10.10	-9.72	-0.34	-1.92	118.41	-2085.51	-2085.39	118.29	16.67
		1613	34.41	0.13	-10.12	-9.68	-0.32	-2.09	104.78	-2208.98	-2207.38	103.18	60.80
1253	27	1592	33.05	2.79	-5.15	-3.47	1.11	-3.24	120.46	-2127.05	-2126.95	120.37	14.70
		1568	30.89	2.41	-5.00	-3.46	0.87	-3.01	140.61	-1972.01	-1971.71	140.30	-25.42
		1615	32.34	1.31	-12.18	-11.40	0.53	-3.15	156.58	-2033.68	-2032.52	155.42	-50.43
		1614	34.55	1.55	-12.22	-11.42	0.75	-3.22	127.62	-2197.35	-2197.32	127.59	-8.01
1253	59	1592	31.35	1.12	-2.96	-2.14	0.30	-1.63	112.75	-2024.10	-2023.38	112.04	39.10
		1568	29.14	0.79	-2.78	-2.13	0.14	-1.38	129.89	-1867.39	-1867.39	129.88	0.83
		1615	30.42	-0.05	-10.03	-9.80	-0.29	-1.52	143.52	-1919.87	-1919.63	143.27	-22.49
		1614	32.70	0.11	-10.06	-9.80	-0.15	-1.61	119.37	-2085.32	-2085.17	119.22	18.21
1253	91	1592	31.22	1.00	-2.80	-2.04	0.24	-1.51	112.18	-2016.23	-2015.45	111.39	40.90
		1568	29.01	0.67	-2.62	-2.03	0.08	-1.26	129.10	-1859.40	-1859.40	129.09	2.77
		1615	30.27	-0.14	-9.89	-9.68	-0.35	-1.40	142.56	-1911.21	-1911.01	142.35	-20.42
		1614	32.56	0.01	-9.91	-9.68	-0.22	-1.49	118.76	-2076.79	-2076.61	118.57	20.15
1254	27	1568	30.58	2.58	-5.51	-3.63	0.70	-3.42	140.90	-1950.48	-1950.04	140.46	-30.40
		1591	27.93	2.16	-5.53	-3.60	0.23	-3.34	172.65	-1756.24	-1753.87	170.28	-67.53
		1616	29.28	1.04	-13.12	-12.09	0.02	-3.66	197.71	-1803.30	-1798.94	193.35	-93.30
		1615	32.00	1.28	-13.09	-12.16	0.35	-3.52	154.41	-2009.73	-2008.25	152.93	-56.52
1254	59	1568	28.99	0.81	-2.94	-2.18	0.05	-1.51	129.94	-1857.17	-1857.17	129.94	-1.71
		1591	26.27	0.42	-2.82	-2.12	-0.28	-1.33	156.38	-1660.83	-1660.05	155.61	-37.45
		1616	27.43	-0.36	-10.32	-10.04	-0.63	-1.63	178.95	-1699.90	-1697.94	176.98	-60.74
		1615	30.25	-0.13	-10.36	-10.11	-0.38	-1.59	142.25	-1908.52	-1908.21	141.94	-25.20
1254	91	1568	28.87	0.68	-2.75	-2.07	6.21e-03	-1.37	129.13	-1850.06	-1850.06	129.13	0.41
		1591	26.14	0.29	-2.62	-2.01	-0.32	-1.18	155.18	-1653.56	-1652.87	154.50	-35.23
		1616	27.29	-0.44	-10.12	-9.89	-0.68	-1.48	177.56	-1692.05	-1690.23	175.74	-58.33
		1615	30.12	-0.22	-10.17	-9.96	-0.44	-1.45	141.36	-1900.83	-1900.58	141.10	-22.87
1255	27	1591	27.55	2.41	-5.73	-3.65	0.33	-3.55	172.29	-1730.40	-1727.66	169.55	-72.15
		1569	24.43	1.73	-6.14	-3.56	-0.85	-3.69	216.07	-1497.32	-1490.93	209.69	-104.43
		1617	25.62	-0.08	-14.37	-12.82	-1.63	-4.44	255.57	-1522.97	-1513.74	246.35	-127.76
		1616	28.89	1.29	-14.02	-12.94	0.21	-3.91	196.92	-1774.43	-1769.45	191.94	-98.92
1255	59	1591	26.08	0.48	-2.84	-2.12	-0.24	-1.37	156.13	-1648.56	-1647.68	155.25	-39.87
		1569	22.86	-0.11	-2.86	-1.97	-0.99	-1.29	192.79	-1412.97	-1409.80	189.62	-71.32
		1617	23.87	-1.17	-10.64	-10.24	-1.57	-1.91	229.77	-1432.24	-1427.22	224.75	-91.25
		1616	27.24	-0.28	-10.66	-10.39	-0.54	-1.64	178.26	-1686.26	-1684.11	176.11	-63.26
1255	91	1591	25.97	0.34	-2.63	-2.01	-0.28	-1.21	154.93	-1642.34	-1641.56	154.15	-37.47
		1569	22.74	-0.24	-2.62	-1.86	-1.00	-1.11	191.07	-1406.57	-1403.59	188.09	-68.86
		1617	23.74	-1.23	-10.39	-10.05	-1.57	-1.72	227.87	-1425.38	-1420.62	223.11	-88.54
		1616	27.12	-0.38	-10.43	-10.21	-0.60	-1.47	176.87	-1679.58	-1677.60	174.89	-60.61
1256	27	1569	24.01	2.33	-5.66	-3.33	2.29e-03	-3.63	215.67	-1468.41	-1461.42	208.68	-108.27
		1590	20.48	1.21	-6.87	-3.15	-2.51	-4.03	276.05	-1196.79	-1184.95	264.21	-131.53
		1618	21.48	-0.94	-15.82	-13.39	-3.37	-5.50	338.95	-1189.40	-1174.80	324.36	-148.63
		1617	25.16	-0.14	-15.19	-13.60	-1.73	-4.63	254.58	-1490.42	-1480.24	244.40	-132.90
1256	59	1569	22.65	0.12	-2.57	-1.85	-0.60	-1.19	192.54	-1399.20	-1395.80	189.15	-73.44
		1590	18.98	-0.58	-3.06	-1.54	-2.11	-1.21	242.07	-1124.99	-1118.07	235.15	-96.99
		1618	19.81	-2.03	-10.94	-10.25	-2.72	-2.39	302.50	-1113.34	-1104.81	293.96	-109.62
		1617	23.65	-1.23	-10.95	-10.56	-1.62	-1.89	228.90	-1416.89	-1411.54	223.56	-93.61
1256	91	1569	22.55	-0.04	-2.35	-1.74	-0.65	-1.02	190.83	-1393.96	-1390.79	187.65	-70.85
		1590	18.86	-0.70	-2.80	-1.42	-2.08	-1.00	239.54	-1119.56	-1112.97	232.94	-94.42
		1618	19.69	-2.08	-10.61	-10.02	-2.67	-2.16	299.79	-1107.62	-1099.48	291.65	-106.72
		1617	23.54	-1.30	-10.66	-10.35	-1.61	-1.69	227.00	-1411.35	-1406.31	221.97	-90.68
1257	27	1590	19.96	1.27	-6.17	-2.37	-2.52	-3.72	272.13	-1167.24	-1154.54	259.43	-134.63
		1570	16.11	0.84	-8.20	-2.03	-5.33	-4.21	345.31	-858.25	-841.07	328.13	-142.76
		1619	16.89	-2.25	-17.63	-13.33	-6.55	-6.90	445.24	-798.39	-780.08	426.93	-149.81
		1618	20.96	-1.05	-16.21	-13.75	-3.50	-5.58	333.74	-1156.28	-1140.30	317.75	-153.51
1257	59	1590	18.73	-0.52	-2.76	-1.16	-2.12	-1.01	240.25	-1110.75	-1103.47	232.97	-98.88

		1570	14.86	-0.34	-4.18	-0.60	-3.91	-0.97	300.46	-799.58	-788.77	289.65	-108.51
		1619	15.31	-3.31	-11.24	-9.75	-4.80	-3.10	398.41	-737.98	-727.28	387.71	-109.76
		1618	19.56	-2.12	-11.04	-10.38	-2.77	-2.32	299.55	-1097.73	-1088.70	290.52	-111.98
1257	91	1590	18.64	-0.63	-2.54	-1.07	-2.09	-0.81	237.87	-1106.51	-1099.59	230.95	-96.22
		1570	14.77	-0.34	-3.97	-0.50	-3.81	-0.73	297.11	-795.17	-784.79	286.73	-105.96
		1619	15.19	-3.37	-10.79	-9.49	-4.67	-2.82	394.93	-733.48	-723.28	384.73	-106.77
		1618	19.45	-2.18	-10.69	-10.14	-2.72	-2.08	297.02	-1093.36	-1084.78	288.44	-108.89
1258	27	1570	15.79	1.07	-7.07	-0.60	-5.39	-3.29	341.46	-832.47	-814.60	323.59	-143.73
		1589	12.17	1.18	-10.88	1.35e-03	-9.71	-3.58	421.28	-490.12	-472.73	403.89	-124.68
		1620	12.28	-3.55	-19.89	-11.67	-11.77	-8.17	578.06	-348.25	-333.47	563.28	-116.07
		1619	16.45	-2.20	-16.84	-12.50	-6.54	-6.69	438.31	-775.69	-756.16	418.78	-152.75
1258	59	1570	14.70	0.14	-4.04	0.08	-3.98	-0.50	298.94	-786.60	-775.43	287.77	-109.55
		1589	10.83	1.00	-6.54	1.00	-6.54	-0.14	364.79	-443.98	-432.93	353.75	-93.87
		1620	10.83	-4.47	-11.88	-8.12	-8.23	-3.70	521.17	-301.18	-293.66	513.65	-78.26
		1619	15.09	-3.37	-10.73	-9.32	-4.78	-2.90	394.61	-727.29	-716.07	383.39	-111.64
1258	91	1570	14.62	0.15	-3.90	0.13	-3.88	-0.29	295.75	-783.21	-772.49	285.03	-107.00
		1589	10.73	1.07	-6.31	1.07	-6.31	0.11	360.54	-440.55	-429.94	349.94	-91.57
		1620	10.73	-4.54	-11.29	-7.86	-7.97	-3.37	516.92	-297.73	-290.69	509.87	-75.44
		1619	14.99	-3.44	-10.30	-9.09	-4.65	-2.62	391.36	-723.74	-713.07	380.68	-108.57
1259	7	1589	10.83	6.51	-4.63	5.56	-3.67	3.12	373.19	-426.12	-421.23	368.30	-62.33
		1571	8.02	9.20	-6.20	6.91	-3.90	5.48	451.24	-88.99	-85.14	447.39	-45.44
		1621	9.80	2.68	-7.29	2.52	-7.14	1.24	698.72	180.99	181.04	698.67	5.11
		1620	11.01	0.73	-4.96	0.69	-4.92	0.46	521.54	-296.02	-293.54	519.06	-44.97
1259	39	1589	10.19	4.63	-4.86	3.59	-3.82	2.97	343.88	-411.78	-406.25	338.35	-64.41
		1571	7.15	7.29	-6.45	5.13	-4.29	5.00	408.46	-70.20	-68.32	406.58	-29.94
		1621	9.14	0.01	-7.57	-0.14	-7.42	1.05	660.11	200.58	201.94	658.76	24.91
		1620	10.31	-2.12	-5.06	-2.19	-4.99	0.47	493.47	-278.47	-275.56	490.56	-47.28
1259	71	1589	10.14	4.49	-4.88	3.43	-3.83	2.96	341.60	-410.69	-405.10	336.01	-64.59
		1571	7.08	7.14	-6.47	4.99	-4.32	4.97	405.17	-68.79	-67.04	403.42	-28.78
		1621	9.09	-0.19	-7.59	-0.34	-7.44	1.03	657.18	202.01	203.54	655.65	26.40
		1620	10.26	-2.33	-5.07	-2.42	-4.99	0.47	491.27	-277.12	-274.18	488.33	-47.47
1260	25	1571	8.00	3.99	-17.06	3.98	-17.05	0.36	475.01	8.96	14.75	469.23	-51.59
		1588	7.95	5.07	-18.59	4.93	-18.45	1.81	549.52	260.77	267.75	542.55	44.35
		1622	14.87	1.59	-24.31	1.39	-24.11	-2.29	1078.98	645.57	796.72	927.82	206.55
		1621	9.76	-1.04	-21.17	-1.87	-20.34	-3.99	679.94	281.57	284.92	676.59	-36.38
1260	57	1571	7.10	4.09	-10.98	3.63	-10.52	2.60	424.91	-10.81	-9.17	423.27	-26.71
		1588	6.97	5.97	-12.06	4.74	-10.83	4.55	505.51	228.62	243.52	490.61	62.47
		1622	14.14	1.37	-16.37	1.31	-16.30	1.05	1055.34	579.35	755.68	879.01	229.87
		1621	8.92	-1.86	-13.73	-1.97	-13.61	-1.16	633.71	242.89	242.99	633.62	-6.08
1260	89	1571	7.03	4.14	-10.57	3.60	-10.03	2.76	421.23	-12.37	-10.94	419.80	-24.86
		1588	6.90	6.10	-11.65	4.72	-10.27	4.75	502.33	226.09	241.72	486.71	63.82
		1622	14.08	1.40	-15.83	1.31	-15.73	1.30	1053.56	574.37	752.61	875.33	231.61
		1621	8.86	-1.89	-13.20	-1.97	-13.12	-0.95	630.40	239.82	239.86	630.37	-3.82
1261	25	1588	8.59	8.72	-20.76	7.03	-19.07	6.86	629.78	263.84	355.44	538.18	158.52
		1559	12.00	10.32	-16.99	6.40	-13.06	9.58	883.23	251.02	419.62	714.64	279.57
		1587	23.72	8.96	-20.41	5.60	-17.05	9.35	1765.57	574.62	1141.39	1198.80	594.78
		1622	14.28	2.29	-26.39	0.93	-25.04	6.09	1059.68	539.76	718.49	880.96	246.94
1261	57	1588	7.49	8.63	-13.51	6.25	-11.13	6.85	567.41	253.81	327.90	493.32	133.21
		1559	11.13	10.65	-12.18	5.33	-6.87	9.65	805.26	233.61	392.02	646.85	255.85
		1587	22.66	8.99	-14.81	4.94	-10.76	8.94	1678.27	541.66	1085.04	1134.89	567.76
		1622	13.15	1.99	-18.60	0.38	-16.99	5.53	987.61	513.98	661.69	839.89	219.42
1261	89	1588	7.41	8.64	-12.99	6.19	-10.54	6.85	562.72	253.06	325.83	489.95	131.30
		1559	11.06	10.70	-11.86	5.25	-6.41	9.66	799.26	232.29	389.93	641.63	254.02
		1587	22.58	9.01	-14.42	4.89	-10.30	8.91	1671.51	539.18	1080.75	1129.94	565.63
		1622	13.07	1.98	-18.04	0.34	-16.40	5.49	982.16	512.01	657.38	836.79	217.29
1262	7	1572	21.13	80.29	12.03	12.04	80.28	0.85	749.39	-678.68	-509.10	579.81	461.97
		1600	12.37	-10.93	-17.35	-16.45	-11.84	2.23	817.05	729.59	813.00	733.64	18.38
		1623	35.16	61.61	-7.42	39.65	14.54	-32.15	1345.14	-1154.58	-840.71	1031.27	828.29
		1573	45.77	123.33	10.59	43.20	90.72	-51.12	3005.66	835.46	1050.78	2790.34	-648.79
1262	39	1572	20.10	48.58	7.81	7.92	48.47	2.12	717.64	-712.21	-535.92	541.35	470.09
		1600	12.07	0.03	-12.58	-12.12	-0.42	-2.35	840.35	701.73	783.86	758.22	68.12
		1623	33.21	31.87	9.04	22.85	18.06	-11.16	1384.88	-1107.14	-771.11	1048.85	851.16
		1573	42.99	64.23	4.69	18.00	50.92	-24.81	3006.59	911.15	1127.31	2790.42	-637.37
1262	71	1572	20.02	46.17	7.48	7.60	46.04	2.21	715.19	-714.78	-537.97	538.37	470.72
		1600	12.06	1.01	-12.36	-11.80	0.44	-2.70	843.71	698.25	781.58	760.39	71.95
		1623	33.06	29.65	10.24	21.57	18.32	-9.57	1388.28	-1103.52	-765.72	1050.48	853.01
		1573	42.78	59.78	4.18	16.08	47.88	-22.80	3006.60	917.16	1133.32	2790.44	-636.34
1263	5	1600	21.73	17.95	-4.97	-3.59	16.58	-5.44	963.33	-694.81	-182.38	450.90	766.22
		1601	18.65	21.66	-6.80	-4.25	19.11	-8.13	1023.55	-330.41	-110.67	803.80	499.24
		1624	18.66	11.11	-15.99	-15.78	10.91	2.33	953.37	-366.65	-208.03	794.75	429.21
		1623	34.07	26.47	-18.93	-18.92	26.46	-0.48	2393.67	568.72	572.27	2390.12	-80.40
1263	37	1600	19.94	13.85	-1.65	-0.68	12.88	-3.75	855.31	-668.10	-166.25	353.46	716.01
		1601	17.31	15.38	-4.78	-2.09	12.68	-6.86	966.91	-301.42	-95.41	760.89	467.82
		1624	16.71	5.36	-12.20	-12.20	5.36	-0.10	902.48	-294.70	-141.61	749.39	399.80
		1623	32.17	23.72	-14.73	-14.61	23.59	-2.20	2297.71	635.13	646.13	2286.70	-134.80
1263	69	1600	19.80	13.54	-1.40	-0.46	12.60	-3.62	846.91	-666.22	-165.02	345.71	712.16
		1601	17.21	14.90	-4.63	-1.92	12.19	-6.76	962.47	-299.22	-94.23	757.47	465.42

		1624	16.56	4.93	-11.92	-11.92	4.93	-0.28	898.45	-289.18	-136.51	745.77	397.50
		1623	32.03	23.51	-14.41	-14.27	23.37	-2.33	2290.28	639.98	651.78	2278.49	-139.01
1264	29	1601	20.62	4.36	-5.68	4.36	-5.68	-0.12	973.29	-577.49	-238.39	634.19	640.99
		1602	21.83	4.54	-2.14	3.95	-1.55	-1.89	788.11	-870.00	-606.04	524.15	606.63
		1625	17.88	-4.04	-15.48	-13.13	-6.39	4.62	625.83	-714.86	-665.10	576.07	253.46
		1624	18.78	-3.39	-13.65	-12.37	-4.68	3.40	1175.76	-119.76	-101.86	1157.85	151.26
1264	61	1601	18.87	2.69	-1.79	1.27	-0.37	-2.08	885.59	-538.57	-221.35	568.36	592.58
		1602	20.43	4.01	-2.81	0.74	0.47	-3.41	730.17	-824.66	-588.20	493.72	558.33
		1625	17.26	-3.53	-10.26	-10.17	-3.63	0.79	612.91	-692.16	-611.80	532.55	313.72
		1624	17.69	1.29	-9.38	-9.32	1.24	-0.78	1114.51	-86.84	-54.60	1082.27	194.14
1264	93	1601	18.74	2.81	-1.76	1.04	0.01	-2.22	878.95	-535.68	-220.06	563.33	588.96
		1602	20.33	4.08	-2.96	0.50	0.61	-3.52	725.77	-821.28	-586.85	491.34	554.73
		1625	17.22	-3.39	-10.01	-9.97	-3.43	0.52	612.17	-690.80	-607.80	529.18	318.20
		1624	17.61	1.77	-9.22	-9.12	1.66	-1.08	1110.04	-84.59	-51.05	1076.50	197.32
1265	25	1602	21.92	3.92	-2.16	3.69	-1.93	-1.17	761.76	-904.65	-641.36	498.47	607.80
		1603	23.77	2.33	-1.62	2.07	-1.37	-0.97	561.25	-1216.03	-1007.36	352.58	572.12
		1626	21.77	-2.57	-14.61	-13.82	-3.36	2.97	430.02	-1145.77	-1080.98	365.22	312.90
		1625	18.42	-2.77	-13.11	-12.22	-3.66	2.91	681.24	-702.36	-654.29	633.17	253.38
1265	57	1602	20.45	3.10	-2.73	0.53	-0.16	-2.89	704.87	-851.81	-611.91	464.97	562.05
		1603	22.62	1.71	-3.28	-0.77	-0.80	-2.50	526.01	-1165.93	-978.63	338.72	530.86
		1626	21.26	-2.26	-11.37	-11.36	-2.27	0.34	427.50	-1123.95	-1032.01	335.56	366.32
		1625	17.68	-1.51	-9.64	-9.64	-1.51	0.08	658.46	-677.84	-602.16	582.78	308.88
1265	89	1602	20.34	3.15	-2.89	0.30	-0.04	-3.01	700.55	-847.82	-609.64	462.37	558.62
		1603	22.54	1.74	-3.48	-0.98	-0.76	-2.61	523.32	-1162.13	-976.40	337.59	527.77
		1626	21.22	-2.20	-11.20	-11.19	-2.20	0.16	427.44	-1122.49	-1028.30	333.25	370.30
		1625	17.63	-1.36	-9.47	-9.47	-1.36	-0.11	656.97	-676.28	-598.22	578.91	313.01
1266	25	1603	24.14	-1.32	-5.46	-5.25	-1.54	-0.93	559.11	-1247.74	-1041.76	353.13	574.24
		1604	26.70	-0.42	-6.38	-6.37	-0.43	-0.24	411.85	-1521.15	-1358.26	248.97	536.96
		1627	26.24	-2.37	-15.10	-14.82	-2.65	1.88	307.49	-1529.64	-1462.80	240.65	343.99
		1626	22.45	-2.35	-13.80	-13.39	-2.75	2.11	444.37	-1183.88	-1116.68	377.16	323.89
1266	59	1603	22.68	-2.46	-6.04	-6.04	-2.47	-0.12	522.48	-1170.41	-978.76	330.84	536.39
		1604	25.36	-1.27	-7.04	-6.97	-1.34	-0.62	387.65	-1447.02	-1296.70	237.33	503.19
		1627	25.48	-3.21	-18.73	-18.49	-3.44	1.89	307.69	-1469.29	-1377.17	215.56	393.97
		1626	21.67	-3.55	-17.99	-17.21	-4.33	3.26	435.87	-1125.08	-1028.20	339.00	376.61
1266	91	1603	22.57	-2.24	-5.86	-5.81	-2.30	-0.43	519.85	-1166.34	-976.65	330.15	532.80
		1604	25.27	-1.19	-6.88	-6.76	-1.32	-0.84	385.93	-1443.39	-1294.69	237.23	499.91
		1627	25.42	-3.10	-18.02	-17.85	-3.27	1.58	308.13	-1467.36	-1373.73	214.50	396.82
		1626	21.60	-3.44	-17.17	-16.55	-4.06	2.86	435.92	-1123.26	-1024.57	337.23	379.65
1267	29	1604	27.13	-0.08	-6.65	-6.58	-0.15	-0.66	408.41	-1553.12	-1394.31	249.59	535.07
		1605	29.70	-0.41	-7.42	-7.42	-0.41	-0.08	308.59	-1785.97	-1661.45	184.07	495.29
		1628	30.36	0.64	-16.52	-16.37	0.49	1.60	230.27	-1843.48	-1782.98	169.78	348.99
		1627	26.89	-2.44	-15.50	-15.27	-2.66	1.69	313.01	-1569.32	-1500.26	243.94	353.88
1267	61	1604	25.64	0.14	-6.19	-5.41	-0.64	-2.08	386.87	-1474.22	-1330.32	242.97	497.09
		1605	28.33	-0.41	-6.77	-6.34	-0.84	-1.60	293.12	-1711.15	-1598.87	180.83	460.91
		1628	29.16	-0.50	-13.91	-13.91	-0.50	-0.22	233.06	-1774.86	-1698.14	156.34	384.91
		1627	25.75	-1.98	-12.72	-12.72	-1.98	0.09	313.65	-1502.42	-1412.91	224.14	393.11
1267	93	1604	25.53	0.18	-6.19	-5.33	-0.68	-2.18	385.23	-1468.21	-1325.41	242.43	494.26
		1605	28.23	-0.38	-6.76	-6.26	-0.88	-1.71	291.93	-1705.45	-1594.06	180.54	458.35
		1628	29.07	-0.57	-13.75	-13.74	-0.58	-0.35	233.32	-1769.73	-1691.70	155.29	387.57
		1627	25.66	-1.93	-12.55	-12.55	-1.93	-0.03	313.80	-1497.46	-1406.28	222.62	396.02
1268	29	1605	29.30	-0.09	-7.70	-7.56	-0.22	-1.01	271.05	-1782.28	-1710.73	199.50	376.54
		1606	31.89	-0.06	-8.19	-8.18	-0.07	-0.27	213.11	-1985.73	-1929.69	157.07	346.53
		1629	33.72	0.56	-17.03	-16.98	0.51	0.92	177.63	-2096.70	-2045.28	126.21	338.08
		1628	30.90	0.57	-16.13	-16.07	0.51	0.99	233.29	-1879.90	-1816.92	170.31	359.33
1268	61	1605	28.13	-0.08	-7.08	-6.41	-0.75	-2.06	274.81	-1708.39	-1621.98	188.41	404.85
		1606	30.67	-0.29	-7.48	-7.12	-0.65	-1.56	214.80	-1910.06	-1843.06	147.80	371.32
		1629	32.22	-0.43	-14.71	-14.69	-0.45	-0.54	180.57	-2007.04	-1944.26	117.79	365.22
		1628	29.42	-0.50	-13.70	-13.69	-0.51	-0.24	235.26	-1791.69	-1713.70	157.26	389.87
1268	93	1605	28.04	-0.06	-7.06	-6.34	-0.79	-2.14	275.14	-1702.80	-1615.20	187.54	406.94
		1606	30.58	-0.29	-7.45	-7.05	-0.69	-1.65	214.97	-1904.31	-1836.43	147.09	373.15
		1629	32.11	-0.49	-14.56	-14.53	-0.52	-0.65	180.83	-2000.27	-1936.59	117.14	367.23
		1628	29.31	-0.57	-13.54	-13.53	-0.58	-0.33	235.47	-1785.07	-1705.86	156.26	392.14
1269	29	1606	32.32	0.32	-8.41	-8.23	0.14	-1.23	213.19	-2015.46	-1958.20	155.93	352.60
		1607	34.45	-0.03	-8.70	-8.67	-0.05	-0.44	175.20	-2176.86	-2132.75	131.10	319.04
		1630	36.44	0.65	-17.52	-17.51	0.63	0.48	144.71	-2295.17	-2253.53	103.07	315.98
		1629	34.20	0.61	-16.75	-16.74	0.60	0.39	181.27	-2128.17	-2074.54	127.65	347.80
1269	61	1606	30.87	0.03	-7.73	-7.16	-0.54	-2.03	214.99	-1923.89	-1856.47	147.57	373.69
		1607	32.97	-0.27	-7.99	-7.68	-0.57	-1.51	173.96	-2084.29	-2032.87	122.55	336.85
		1630	34.68	-0.32	-15.40	-15.36	-0.36	-0.73	145.38	-2187.80	-2138.68	96.27	334.94
		1629	32.45	-0.41	-14.52	-14.50	-0.43	-0.52	182.74	-2021.75	-1957.79	118.78	370.01
1269	93	1606	30.76	0.02	-7.70	-7.08	-0.59	-2.09	215.15	-1916.93	-1848.71	146.92	375.24
		1607	32.86	-0.27	-7.96	-7.62	-0.61	-1.59	173.89	-2077.24	-2025.24	121.90	338.15
		1630	34.54	-0.38	-15.26	-15.21	-0.43	-0.81	145.45	-2179.66	-2129.95	95.74	336.33
		1629	32.32	-0.48	-14.37	-14.34	-0.51	-0.59	182.89	-2013.71	-1948.92	118.10	371.65
1270	29	1607	34.80	0.31	-8.85	-8.65	0.11	-1.35	174.51	-2201.49	-2156.42	129.43	324.15
		1608	36.42	0.14	-9.00	-8.96	0.10	-0.55	147.93	-2321.59	-2287.84	114.19	286.71
		1631	37.81	0.89	-4.79	-4.68	0.78	-0.78	120.90	-2442.26	-2410.20	88.85	284.84

		1630	36.14	1.00	-3.90	-3.73	0.82	-0.91	145.98	-2320.97	-2277.58	102.59	324.27
1270	61	1607	33.13	-1.10e-03	-8.19	-7.69	-0.50	-1.96	173.72	-2095.78	-2044.04	121.98	338.76
		1608	34.72	-0.18	-8.33	-8.07	-0.44	-1.43	144.89	-2215.44	-2176.97	106.42	298.86
		1631	36.19	-0.09	-9.95	-9.79	-0.26	-1.26	120.02	-2320.74	-2284.02	83.30	297.12
		1630	34.55	-0.15	-9.04	-8.90	-0.29	-1.11	146.26	-2199.93	-2149.84	96.18	339.13
1270	93	1607	33.00	-0.02	-8.15	-7.62	-0.54	-2.00	173.68	-2087.73	-2035.46	121.41	339.83
		1608	34.60	-0.20	-8.30	-8.01	-0.48	-1.49	144.68	-2207.35	-2168.51	105.84	299.74
		1631	36.07	-0.17	-10.33	-10.17	-0.34	-1.30	119.96	-2311.52	-2274.43	82.87	298.00
		1630	34.43	-0.24	-9.42	-9.28	-0.38	-1.12	146.30	-2190.75	-2140.13	95.68	340.21
1271	25	1608	36.68	0.38	-8.94	-8.73	0.17	-1.39	144.95	-2342.50	-2308.44	110.90	289.06
		1609	37.76	0.24	-9.00	-8.95	0.19	-0.66	127.60	-2421.80	-2397.61	103.41	247.14
		1632	39.23	1.01	-6.39	-6.27	0.89	-0.93	102.69	-2540.86	-2518.17	80.00	243.86
		1631	38.14	1.09	-5.59	-5.43	0.92	-1.03	119.14	-2462.98	-2430.02	86.17	289.90
1271	57	1608	34.85	0.01	-8.40	-7.98	-0.41	-1.84	143.51	-2225.26	-2186.78	105.02	299.47
		1609	35.91	-0.13	-8.48	-8.26	-0.35	-1.33	124.05	-2304.44	-2277.01	96.62	256.64
		1632	37.42	-0.04	-10.97	-10.83	-0.19	-1.26	101.35	-2408.27	-2382.56	75.64	252.70
		1631	36.35	-0.09	-10.17	-10.04	-0.22	-1.11	119.33	-2330.56	-2293.30	82.07	299.82
1271	89	1608	34.71	-0.01	-8.37	-7.93	-0.45	-1.87	143.42	-2216.30	-2177.46	104.58	300.21
		1609	35.77	-0.16	-8.45	-8.22	-0.39	-1.38	123.79	-2295.46	-2267.78	96.11	257.31
		1632	37.28	-0.12	-11.31	-11.16	-0.27	-1.29	101.25	-2398.17	-2372.22	75.31	253.33
		1631	36.21	-0.18	-10.51	-10.38	-0.30	-1.12	119.35	-2320.47	-2282.88	81.76	300.53
1272	25	1609	37.93	0.33	-9.01	-8.88	0.21	-1.08	125.92	-2434.82	-2410.84	101.94	246.65
		1610	38.44	0.35	-9.08	-9.05	0.32	-0.58	113.82	-2473.71	-2458.17	98.28	199.89
		1633	39.96	1.05	-8.11	-8.03	0.97	-0.89	90.25	-2589.86	-2575.88	76.26	193.07
		1632	39.46	0.56	-7.37	-7.29	0.48	-0.80	101.93	-2554.02	-2531.16	79.07	245.35
1272	57	1609	35.99	-0.05	-8.54	-8.25	-0.34	-1.54	123.25	-2310.52	-2283.30	96.04	255.90
		1610	36.49	-0.10	-8.61	-8.46	-0.26	-1.13	110.18	-2349.34	-2331.22	92.07	210.32
		1633	38.01	-0.03	-12.01	-11.90	-0.14	-1.15	88.62	-2450.21	-2433.94	72.34	202.62
		1632	37.53	-0.32	-11.29	-11.21	-0.41	-0.93	101.05	-2414.47	-2388.61	75.19	253.73
1272	89	1609	35.84	-0.08	-8.51	-8.20	-0.38	-1.58	123.06	-2301.01	-2273.54	95.59	256.56
		1610	36.34	-0.13	-8.58	-8.42	-0.30	-1.17	109.92	-2339.83	-2321.51	91.60	211.07
		1633	37.86	-0.11	-12.30	-12.18	-0.22	-1.17	88.50	-2439.57	-2423.11	72.04	203.30
		1632	37.38	-0.39	-11.58	-11.50	-0.47	-0.94	100.99	-2403.84	-2377.74	74.90	254.33
1273	25	1610	38.52	1.37	-10.07	-9.28	0.57	-2.91	113.21	-2480.36	-2465.46	98.30	196.03
		1611	38.47	0.33	-9.09	-9.08	0.32	-0.30	105.90	-2479.26	-2470.95	97.59	146.33
		1634	40.00	0.96	-9.67	-9.62	0.92	-0.69	82.79	-2590.93	-2584.16	76.01	134.42
		1633	40.09	1.29	-9.82	-9.24	0.72	-2.47	90.39	-2596.17	-2582.62	76.84	190.30
1273	57	1610	36.53	0.41	-9.13	-8.58	-0.14	-2.22	109.85	-2352.42	-2334.72	92.16	207.99
		1611	36.47	-0.15	-8.66	-8.58	-0.23	-0.82	102.38	-2351.00	-2340.39	91.78	160.92
		1634	37.96	-0.08	-12.91	-12.84	-0.15	-0.95	81.00	-2447.52	-2438.77	72.25	148.49
		1633	38.07	-0.07	-12.59	-12.38	-0.28	-1.61	88.67	-2453.16	-2437.06	72.57	201.63
1273	89	1610	36.38	0.34	-9.06	-8.53	-0.19	-2.17	109.62	-2342.64	-2324.72	91.70	208.85
		1611	36.32	-0.18	-8.63	-8.55	-0.27	-0.86	102.13	-2341.19	-2330.41	91.34	161.98
		1634	37.81	-0.16	-13.15	-13.07	-0.23	-0.97	80.88	-2436.60	-2427.69	71.97	149.51
		1633	37.91	-0.16	-12.80	-12.61	-0.36	-1.54	88.55	-2442.27	-2425.97	72.25	202.45
1274	25	1611	38.49	1.40	-10.36	-9.55	0.60	-2.97	106.56	-2479.57	-2471.92	98.90	140.50
		1612	37.86	1.15	-10.03	-9.55	0.68	-2.25	103.59	-2438.56	-2435.37	100.41	89.92
		1635	39.37	1.22	-11.74	-11.25	0.73	-2.47	82.97	-2544.32	-2542.30	80.94	72.94
		1634	40.03	1.19	-11.32	-10.77	0.64	-2.56	83.70	-2590.47	-2584.21	77.44	129.20
1274	57	1611	36.48	0.36	-9.28	-8.81	-0.10	-2.07	102.62	-2351.09	-2340.92	92.45	157.66
		1612	35.85	0.21	-9.13	-8.87	-0.05	-1.53	100.31	-2309.32	-2304.25	95.25	110.40
		1635	37.29	-0.04	-13.93	-13.73	-0.24	-1.65	79.59	-2400.26	-2396.74	76.07	93.36
		1634	37.97	-0.13	-13.47	-13.29	-0.31	-1.54	81.36	-2447.26	-2438.76	72.86	146.37
1274	89	1611	36.32	0.29	-9.20	-8.76	-0.15	-2.01	102.35	-2341.28	-2330.91	91.97	158.92
		1612	35.69	0.14	-9.07	-8.82	-0.11	-1.48	100.09	-2299.46	-2294.23	94.86	111.91
		1635	37.13	-0.12	-14.10	-13.92	-0.31	-1.59	79.35	-2389.30	-2385.65	75.70	94.86
		1634	37.82	-0.21	-13.63	-13.47	-0.38	-1.47	81.20	-2436.37	-2427.68	72.51	147.63
1275	25	1612	37.81	1.40	-10.79	-10.03	0.64	-2.95	105.33	-2432.58	-2429.86	102.61	83.04
		1613	36.64	1.21	-10.43	-9.97	0.76	-2.26	109.90	-2351.45	-2351.00	109.44	33.41
		1636	38.07	1.22	-12.70	-12.21	0.73	-2.56	90.85	-2449.64	-2449.59	90.79	11.88
		1635	39.30	1.12	-12.37	-11.84	0.59	-2.63	83.75	-2537.15	-2535.47	82.07	66.43
1275	57	1612	35.82	0.31	-9.48	-9.10	-0.07	-1.88	101.05	-2306.46	-2301.73	96.31	106.65
		1613	34.63	0.18	-9.30	-9.10	-0.01	-1.36	105.52	-2224.08	-2222.51	103.95	60.43
		1636	35.97	-0.06	-14.44	-14.27	-0.24	-1.57	84.51	-2307.91	-2307.26	83.86	39.40
		1635	37.24	-0.17	-14.08	-13.93	-0.33	-1.46	79.84	-2396.82	-2393.50	76.51	90.63
1275	89	1612	35.67	0.23	-9.39	-9.04	-0.12	-1.80	100.75	-2296.85	-2291.94	95.84	108.39
		1613	34.48	0.11	-9.22	-9.04	-0.07	-1.29	105.22	-2214.37	-2212.69	103.54	62.43
		1636	35.81	-0.15	-14.57	-14.42	-0.31	-1.50	84.06	-2297.14	-2296.42	83.34	41.44
		1635	37.09	-0.26	-14.22	-14.08	-0.40	-1.37	79.56	-2386.16	-2382.69	76.09	92.42
1276	25	1613	36.53	1.37	-11.91	-11.23	0.69	-2.94	111.73	-2339.31	-2339.04	111.46	25.96
		1614	34.84	1.22	-11.58	-11.13	0.76	-2.36	127.00	-2217.66	-2217.47	126.80	-21.34
		1637	36.11	1.22	-13.82	-13.27	0.67	-2.82	106.62	-2305.99	-2305.10	105.73	-46.26
		1636	37.90	1.10	-13.55	-13.00	0.55	-2.78	90.60	-2435.93	-2435.92	90.60	4.61
1276	57	1613	34.58	0.24	-9.98	-9.69	-0.05	-1.69	106.27	-2218.32	-2216.95	104.90	56.41
		1614	32.84	0.13	-9.80	-9.65	-0.03	-1.23	119.49	-2094.88	-2094.81	119.42	12.36
		1637	34.02	-0.10	-14.95	-14.78	-0.27	-1.58	96.22	-2169.49	-2169.43	96.16	-11.39
		1636	35.88	-0.21	-14.69	-14.55	-0.34	-1.41	84.21	-2301.38	-2300.83	83.66	36.30

1276	89	1613	34.43	0.16	-9.85	-9.58	-0.10	-1.60	105.89	-2209.11	-2207.63	104.40	58.66
		1614	32.69	0.05	-9.67	-9.54	-0.08	-1.14	118.97	-2085.54	-2085.44	118.87	14.86
		1637	33.86	-0.19	-15.04	-14.89	-0.34	-1.49	95.48	-2159.14	-2159.10	95.45	-8.80
		1636	35.73	-0.29	-14.78	-14.66	-0.41	-1.31	83.76	-2291.18	-2290.55	83.13	38.66
1277	27	1614	34.56	1.50	-11.71	-11.28	1.07	-2.33	128.44	-2197.23	-2197.15	128.36	-13.97
		1615	32.34	1.30	-11.43	-11.15	1.02	-1.86	156.93	-2033.60	-2032.12	155.46	-56.76
		1638	33.27	1.54	-12.03	-11.48	0.99	-2.66	132.51	-2108.03	-2105.02	129.49	-82.14
		1637	35.67	1.47	-11.76	-11.26	0.98	-2.51	106.29	-2283.17	-2282.57	105.68	-37.97
1277	59	1614	32.71	0.28	-9.87	-9.72	0.13	-1.23	120.25	-2085.43	-2085.32	120.15	15.32
		1615	30.42	0.12	-9.70	-9.63	0.05	-0.83	144.30	-1919.86	-1919.56	144.00	-24.89
		1638	31.34	0.01	-14.07	-13.92	-0.13	-1.40	116.75	-1981.70	-1980.57	115.62	-48.79
		1637	33.81	-0.05	-13.86	-13.77	-0.14	-1.17	96.04	-2158.88	-2158.86	96.02	-7.16
1277	91	1614	32.57	0.19	-9.74	-9.61	0.06	-1.15	119.65	-2076.92	-2076.78	119.51	17.49
		1615	30.28	0.04	-9.58	-9.52	-0.02	-0.75	143.38	-1911.22	-1910.97	143.13	-22.52
		1638	31.19	-0.09	-14.22	-14.10	-0.21	-1.31	115.60	-1972.13	-1971.10	114.57	-46.32
		1637	33.67	-0.14	-14.03	-13.95	-0.23	-1.07	95.29	-2149.46	-2149.45	95.28	-4.88
1278	27	1615	32.01	1.38	-12.44	-12.00	0.94	-2.42	155.29	-2009.98	-2008.07	153.38	-64.24
		1616	29.29	1.10	-12.17	-11.82	0.75	-2.14	199.05	-1803.69	-1798.56	193.92	-101.26
		1639	30.29	1.02	-20.76	-20.46	0.72	-2.52	168.82	-1859.12	-1851.46	161.16	-124.35
		1638	33.31	1.01	-20.71	-20.50	0.79	-2.15	130.05	-2082.08	-2078.46	126.42	-89.50
1278	59	1615	30.27	0.14	-10.15	-10.03	0.02	-1.11	143.36	-1908.75	-1908.34	142.95	-28.97
		1616	27.45	-0.09	-9.94	-9.87	-0.16	-0.83	180.55	-1700.07	-1697.90	178.39	-63.82
		1639	28.22	-0.19	-18.05	-17.96	-0.29	-1.27	147.00	-1744.02	-1740.22	143.19	-84.70
		1638	31.34	-0.20	-18.00	-17.95	-0.25	-0.90	115.27	-1969.46	-1968.17	113.97	-52.00
1278	91	1615	30.14	0.06	-9.99	-9.88	-0.05	-1.01	142.49	-1901.07	-1900.73	142.15	-26.35
		1616	27.31	-0.18	-9.78	-9.73	-0.23	-0.73	179.20	-1692.21	-1690.21	177.21	-61.04
		1639	28.07	-0.28	-17.86	-17.78	-0.36	-1.18	145.40	-1735.32	-1731.76	141.84	-81.75
		1638	31.19	-0.28	-17.81	-17.77	-0.32	-0.81	114.19	-1960.95	-1959.78	113.02	-49.22
1279	27	1616	28.91	1.13	-13.25	-12.75	0.64	-2.62	198.64	-1775.27	-1769.31	192.68	-108.26
		1617	25.68	0.65	-13.03	-12.49	0.12	-2.65	258.84	-1524.16	-1513.53	248.21	-137.25
		1640	26.21	0.76	-22.11	-21.64	0.29	-3.24	220.90	-1551.43	-1538.18	207.65	-152.64
		1639	29.86	0.83	-21.95	-21.67	0.54	-2.53	165.62	-1828.08	-1819.31	156.86	-131.93
1279	59	1616	27.27	-0.10	-10.42	-10.31	-0.21	-1.07	180.13	-1686.72	-1684.26	177.67	-67.71
		1617	23.92	-0.53	-10.16	-10.05	-0.64	-0.99	233.01	-1432.73	-1427.32	227.60	-94.81
		1640	24.23	-0.42	-18.55	-18.40	-0.56	-1.61	191.66	-1450.01	-1442.99	184.64	-107.10
		1639	28.01	-0.33	-18.47	-18.42	-0.39	-1.01	145.00	-1729.44	-1725.29	140.85	-88.08
1279	91	1616	27.14	-0.18	-10.23	-10.13	-0.27	-0.96	178.77	-1680.03	-1677.77	176.52	-64.70
		1617	23.79	-0.61	-9.96	-9.88	-0.69	-0.87	231.12	-1425.83	-1420.75	226.04	-91.65
		1640	24.08	-0.50	-18.30	-18.17	-0.62	-1.49	189.52	-1442.39	-1435.77	182.90	-103.71
		1639	27.87	-0.41	-18.23	-18.18	-0.46	-0.90	143.49	-1722.02	-1718.16	139.63	-84.81
1280	27	1617	25.24	0.59	-14.06	-13.37	-0.09	-3.09	258.24	-1492.23	-1480.35	246.36	-143.75
		1618	21.61	-0.06	-13.98	-12.98	-1.06	-3.59	346.16	-1191.91	-1175.14	329.38	-159.74
		1641	21.47	0.90	-24.26	-23.40	0.04	-4.56	300.16	-1175.67	-1158.40	282.89	-158.72
		1640	25.76	0.61	-23.79	-23.33	0.16	-3.29	220.18	-1516.31	-1501.46	205.34	-159.84
1280	59	1617	23.71	-0.58	-10.62	-10.47	-0.73	-1.21	232.41	-1417.77	-1411.87	226.51	-98.51
		1618	19.91	-1.29	-10.28	-10.04	-1.52	-1.43	309.04	-1114.48	-1105.37	299.92	-113.54
		1641	19.55	-0.53	-19.42	-19.12	-0.83	-2.35	259.63	-1090.40	-1081.65	250.88	-108.34
		1640	24.01	-0.54	-19.19	-19.09	-0.64	-1.36	190.55	-1433.65	-1426.10	183.01	-110.43
1280	91	1617	23.60	-0.65	-10.38	-10.26	-0.77	-1.07	230.52	-1412.18	-1406.65	224.99	-95.14
		1618	19.78	-1.36	-10.02	-9.83	-1.56	-1.27	306.31	-1108.67	-1100.05	297.69	-110.10
		1641	19.41	-0.63	-19.08	-18.82	-0.89	-2.18	256.67	-1084.05	-1075.84	248.46	-104.58
		1640	23.88	-0.62	-18.87	-18.79	-0.70	-1.21	188.39	-1427.48	-1420.40	181.30	-106.74
1281	25	1618	20.91	0.38	-17.91	-16.55	-0.98	-4.81	339.86	-1134.17	-1109.74	315.43	-188.17
		1619	16.96	-1.41	-18.67	-15.82	-4.27	-6.41	456.55	-779.56	-750.74	427.73	-186.54
		1642	15.91	-1.86	-33.20	-30.67	-4.38	-8.53	407.11	-694.70	-671.63	384.04	-157.76
		1641	20.92	-1.16	-31.67	-30.48	-2.35	-5.89	303.66	-1115.78	-1089.65	277.53	-190.81
1281	63	1618	19.66	-1.15	-10.68	-10.38	-1.45	-1.66	305.87	-1097.90	-1088.17	296.13	-116.48
		1619	15.49	-2.74	-10.37	-9.59	-3.53	-2.32	411.19	-738.92	-727.51	399.79	-113.97
		1642	14.17	-2.16	-21.23	-20.32	-3.08	-4.08	359.79	-649.31	-643.44	353.91	-76.79
		1641	19.26	-1.47	-20.46	-20.19	-1.75	-2.28	254.85	-1072.77	-1063.35	245.43	-111.46
1281	95	1618	19.55	-1.24	-10.39	-10.14	-1.49	-1.49	303.36	-1093.56	-1084.37	294.17	-112.90
		1619	15.37	-2.81	-10.01	-9.34	-3.49	-2.10	407.63	-734.39	-723.62	396.86	-110.38
		1642	14.04	-2.18	-20.72	-19.90	-3.01	-3.83	356.12	-644.54	-639.21	350.80	-72.77
		1641	19.14	-1.50	-20.01	-19.77	-1.74	-2.08	252.09	-1068.04	-1059.24	243.28	-107.45
1282	25	1619	16.63	-1.46	-18.63	-15.78	-4.32	-6.39	451.36	-760.31	-730.04	421.08	-189.13
		1620	12.78	-2.27	-20.81	-14.43	-8.65	-8.80	601.09	-337.86	-309.98	573.21	-159.38
		1643	10.83	-4.44	-41.06	-34.66	-10.84	-13.91	577.02	-138.63	-129.62	568.00	-79.81
		1642	15.86	-2.18	-37.01	-34.39	-4.80	-9.18	412.39	-674.74	-649.04	386.69	-165.15
1282	57	1619	15.23	-2.67	-11.95	-10.94	-3.68	-2.88	406.61	-718.92	-704.28	391.97	-127.54
		1620	11.16	-3.82	-12.15	-9.32	-6.66	-3.95	540.98	-295.72	-283.96	529.22	-98.49
		1643	9.18	-4.09	-27.24	-24.07	-7.26	-7.96	521.86	-100.97	-100.85	521.74	-8.48
		1642	14.04	-2.37	-25.08	-24.11	-3.34	-4.59	356.45	-629.94	-620.96	347.47	-93.67
1282	89	1619	15.13	-2.75	-11.47	-10.59	-3.63	-2.63	403.43	-716.03	-702.37	389.77	-122.93
		1620	11.05	-3.94	-11.51	-8.94	-6.51	-3.59	536.68	-292.81	-282.04	525.90	-93.93
		1643	9.07	-4.05	-26.23	-23.30	-6.99	-7.52	518.27	-98.76	-98.75	518.26	-3.12
		1642	13.92	-2.37	-24.21	-23.35	-3.23	-4.25	352.49	-626.93	-618.91	344.46	-88.31
1283	23	1620	11.46	-2.64	-16.36	-8.19	-10.81	-6.74	605.19	-246.50	-227.74	586.43	-125.02

		1621	11.33	-3.26	-26.59	-6.62	-23.23	-8.20	777.18	224.33	232.57	768.94	-66.98
		1644	14.39	-6.87	-48.48	-30.27	-25.08	-20.65	966.44	575.57	624.12	917.89	128.92
		1643	9.18	-2.47	-37.20	-30.52	-9.14	-13.68	535.00	-49.68	-44.13	529.46	-56.65
1283	55	1620	10.74	-3.93	-10.57	-6.47	-8.03	-3.23	549.76	-251.41	-242.96	541.32	-81.83
		1621	9.92	-3.25	-15.29	-3.96	-14.58	-2.84	697.98	219.41	220.14	697.26	-18.58
		1644	13.49	-6.16	-31.56	-20.75	-16.97	-12.56	942.49	509.55	604.24	847.81	178.96
		1643	8.38	-2.98	-24.97	-22.05	-5.90	-7.46	493.58	-66.07	-66.07	493.58	-0.96
1283	87	1620	10.69	-4.03	-10.15	-6.35	-7.82	-2.97	545.67	-251.88	-244.05	537.85	-78.61
		1621	9.81	-3.21	-14.50	-3.77	-13.94	-2.45	692.26	218.78	219.25	691.79	-14.95
		1644	13.43	-6.11	-30.32	-20.06	-16.38	-11.96	941.12	504.12	602.80	842.44	182.71
		1643	8.34	-3.01	-24.10	-21.44	-5.66	-7.00	490.84	-67.68	-67.67	490.83	3.22
1284	25	1621	11.52	-0.89	-22.75	-2.77	-20.87	-6.13	812.54	351.70	352.06	812.18	-12.93
		1622	14.78	-5.79	-30.07	-6.38	-29.48	-3.74	1048.38	529.26	672.31	905.33	231.94
		1645	33.84	-12.15	-60.07	-21.47	-50.74	-18.97	2399.04	918.30	1726.36	1590.97	737.27
		1644	14.97	3.09	-34.51	-8.97	-22.45	-17.55	1031.77	466.05	723.66	774.16	281.73
1284	57	1621	10.54	-2.33	-14.91	-2.92	-14.32	-2.66	756.97	310.11	311.89	755.19	28.13
		1622	12.55	-3.04	-17.97	-3.10	-17.91	0.95	920.65	506.61	624.84	802.42	187.01
		1645	30.78	-7.74	-39.37	-12.10	-35.02	-10.90	2240.01	884.26	1628.16	1496.11	674.65
		1644	12.49	-1.88	-21.94	-9.84	-13.98	-9.81	888.31	450.70	618.85	720.15	212.86
1284	89	1621	10.47	-2.42	-14.34	-2.92	-13.84	-2.40	753.08	306.69	308.89	750.89	31.20
		1622	12.39	-2.74	-17.18	-2.86	-17.06	1.30	910.87	504.90	621.27	794.49	183.58
		1645	30.55	-7.39	-37.87	-11.41	-33.86	-10.31	2227.81	881.66	1620.72	1488.75	669.83
		1644	12.31	-2.22	-21.03	-9.89	-13.36	-9.24	877.61	449.30	610.95	715.95	207.62
1285	17	1622	21.53	8.21	-30.44	8.21	-30.44	-0.29	1611.13	632.92	1165.47	1078.58	487.17
		1587	18.80	2.81	-27.35	1.72	-26.26	5.63	1339.79	319.32	563.90	1095.21	435.62
		1586	57.48	-14.61	-29.80	-18.13	-26.28	6.41	4205.81	984.37	2853.67	2336.52	1589.83
		1645	18.48	-25.40	-58.01	-32.14	-51.27	13.21	1216.36	930.08	1008.42	1138.03	127.63
1285	51	1622	19.29	9.30	-22.63	9.15	-22.48	2.18	1468.27	584.54	1095.75	957.06	436.39
		1587	17.13	8.69	-21.16	3.49	-15.95	11.33	1256.81	297.32	497.37	1056.76	389.77
		1586	56.18	-1.50	-19.78	-7.22	-14.06	8.48	4118.18	962.74	2780.24	2300.68	1559.40
		1645	16.41	-14.10	-48.06	-20.46	-41.70	13.25	1111.69	832.13	936.25	1007.57	135.15
1285	83	1622	19.19	9.13	-21.35	8.99	-21.20	2.07	1462.38	582.46	1092.96	951.88	434.27
		1587	17.05	8.68	-20.75	3.31	-15.38	11.36	1249.75	295.74	494.73	1050.76	387.61
		1586	56.09	-1.47	-18.84	-6.97	-13.34	8.08	4112.09	959.40	2776.92	2294.56	1557.79
		1645	16.31	-13.91	-46.49	-20.11	-40.29	12.79	1108.82	826.35	933.27	1001.90	137.00
1286	27	1573	165.00	151.24	10.29	55.04	106.48	65.61	1002.96-1.021e+04	-6004.63	-3198.10	5425.80	
		1623	142.51	30.93	-10.97	29.78	-9.82	-6.86	1.008e+04	1295.47	3258.20	8113.84	-3658.22
		1574	160.19	-36.63	-182.80	-180.88	-38.55	-16.66	1112.31	-9838.32	788.03	-9514.04	1856.31
		54	508.20	88.35	-167.99	-167.66	88.02	-9.19	3.532e+04	3595.73	1.293e+04	2.598e+04	-
1.446e+04													
1286	59	1573	166.68	84.36	10.84	32.42	62.78	33.48	805.46-1.057e+04	-6069.35	-3694.44	5562.01	
		1623	142.97	23.25	-6.73	17.14	-0.62	-12.08	1.008e+04	1319.05	3320.00	8079.68	-3678.01
		1574	157.84	-14.98	-90.67	-90.29	-15.36	5.33	708.24-1.006e+04	266.45	-9617.61	2135.87	
		54	496.54	58.56	-87.50	-86.59	57.65	-11.49	3.452e+04	3437.98	1.244e+04	2.552e+04	-
1.410e+04													
1286	91	1573	166.83	79.38	10.86	30.73	59.51	31.09	790.98-1.060e+04	-6074.15	-3732.10	5572.39	
		1623	143.02	22.98	-6.72	16.20	0.06	-12.47	1.008e+04	1321.00	3324.92	8077.16	-3679.51
		1574	157.71	-12.95	-84.25	-83.56	-13.64	6.96	678.42-1.008e+04	226.83	-9625.64	2157.14	
		54	495.62	56.37	-81.57	-80.57	55.38	-11.66	3.446e+04	3426.58	1.240e+04	2.549e+04	-
1.407e+04													
1287	7	1623	21.58	20.63	-67.81	-12.11	-35.08	42.70	1450.73	678.16	736.26	1392.63	-203.74
		1624	20.71	26.51	18.96	22.52	22.95	-3.76	1448.01	295.54	310.02	1433.53	-128.35
		1548	18.97	-44.03	-173.87	-166.92	-50.98	29.22	464.63	-533.64	462.30	-531.31	-48.13
		1574	57.90	-3.67	-182.56	-155.50	-30.73	64.10	3572.84	544.21	2227.41	1889.64	-1504.87
1287	39	1623	19.42	-0.06	-33.52	-14.42	-19.16	16.56	1407.09	627.29	648.19	1386.18	-125.95
		1624	20.99	22.67	6.47	9.16	19.98	-6.03	1436.27	215.60	219.11	1432.76	-65.29
		1548	13.81	-31.47	-92.51	-88.97	-35.01	14.26	305.77	-572.12	305.57	-571.93	13.01
		1574	50.69	11.54	-81.61	-73.94	3.87	25.60	3410.33	546.72	2072.84	1884.21	-1428.70
1287	71	1623	19.29	-1.61	-30.94	-14.59	-17.95	14.57	1404.59	622.61	641.47	1385.74	-119.96
		1624	21.02	22.44	5.46	8.16	19.75	-6.20	1435.77	209.18	212.17	1432.79	-60.45
		1548	13.46	-30.51	-86.31	-83.04	-33.79	13.12	293.90	-575.50	293.54	-575.14	17.67
		1574	50.14	12.88	-74.11	-67.73	6.51	22.67	3398.03	546.81	2060.98	1883.86	-1422.86
1288	6	1624	15.91	39.80	-19.84	12.81	7.14	-29.68	967.64	-67.63	-44.71	944.72	152.32
		1625	18.51	16.85	-3.81	11.14	1.90	-9.24	624.53	-737.15	-622.49	509.87	378.13
		1575	13.10	64.99	7.32	61.67	10.63	-13.42	-12.19	-674.51	-627.91	-58.78	169.38
		1548	7.67	79.95	6.64	66.18	20.41	-28.63	300.31	36.12	149.57	186.85	-130.77
1288	38	1624	14.90	20.34	-13.48	2.88	3.97	-16.90	963.33	-15.83	7.05	940.46	147.91
		1625	17.47	6.83	-3.67	1.63	1.53	-5.25	637.30	-687.04	-571.17	521.43	374.20
		1575	10.16	22.02	0.95	19.48	3.49	-6.86	4.61	-603.70	-555.72	-43.37	163.97
		1548	6.20	31.74	2.24	23.35	10.63	-13.30	340.69	63.81	222.65	181.85	-136.93
1288	70	1624	14.83	18.88	-13.02	2.13	3.73	-15.93	962.93	-11.84	11.04	940.05	147.60
		1625	17.40	6.16	-3.75	0.91	1.50	-4.95	638.32	-683.18	-567.20	522.35	373.91
		1575	9.94	18.82	0.39	16.27	2.94	-6.36	5.98	-598.30	-550.18	-42.14	163.59
		1548	6.09	28.15	1.82	20.09	9.88	-12.14	344.15	65.48	228.26	181.36	-137.35
1289	6	1625	18.61	24.75	-5.60	17.00	2.14	-13.23	638.63	-700.30	-577.90	516.24	385.87
		1626	22.83	16.52	-1.80	14.98	-0.26	-5.08	444.03	-1191.02	-1032.33	285.33	484.03
		1549	18.64	33.47	2.66	31.44	4.69	-7.65	39.69	-1115.78	-1065.01	-11.08	236.81

		1575	10.79	37.39	2.44	33.07	6.75	-11.50	64.58	-568.04	-541.43	37.98	126.99
1289	38	1625	17.50	10.28	-5.42	4.03	0.83	-7.69	636.92	-670.66	-547.61	513.87	381.79
		1626	21.87	4.02	-2.36	2.27	-0.61	-2.85	452.48	-1160.47	-1001.45	293.46	480.84
		1549	16.94	8.04	-1.23	5.20	1.61	-4.27	49.35	-1080.82	-1030.33	-1.14	233.48
		1575	8.90	9.81	-0.54	6.56	2.71	-4.80	61.16	-533.84	-507.47	34.79	122.45
1289	67	1625	16.97	-1.22	-18.49	-18.29	-1.42	1.86	634.74	-619.04	-493.59	509.29	376.23
		1626	21.81	-1.14	-19.64	-19.59	-1.20	0.99	467.98	-1107.17	-946.50	307.32	476.71
		1549	17.63	-3.62	-39.95	-39.89	-3.69	1.52	66.73	-1018.93	-968.14	15.93	229.28
		1575	9.47	-2.96	-40.25	-39.00	-4.21	6.71	55.57	-473.36	-446.44	28.65	116.25
1290	27	1626	22.70	-0.82	-26.24	-26.12	-0.94	1.70	434.78	-1168.46	-1055.48	321.80	410.32
		1627	27.05	-0.71	-27.01	-26.85	-0.86	1.99	336.94	-1526.72	-1414.54	224.77	443.26
		1576	25.32	-0.29	-43.83	-43.70	-0.42	2.31	56.41	-1514.14	-1492.59	34.86	182.69
		1549	19.34	-0.10	-43.59	-42.78	-0.91	5.88	51.25	-1118.17	-1104.35	37.44	126.33
1290	59	1626	22.09	-0.96	-17.36	-17.36	-0.96	-0.24	450.54	-1147.70	-1009.77	312.61	448.80
		1627	26.33	-1.02	-18.23	-18.22	-1.03	0.49	344.53	-1504.06	-1370.99	211.45	477.80
		1576	23.94	-0.71	-30.42	-30.41	-0.71	0.34	54.66	-1470.24	-1437.85	22.27	219.88
		1549	17.96	-0.65	-29.76	-29.37	-1.04	3.37	51.62	-1072.79	-1047.33	26.15	167.28
1290	91	1626	22.04	-0.95	-16.72	-16.71	-0.96	-0.38	451.81	-1146.24	-1006.34	311.91	451.66
		1627	26.28	-1.03	-17.59	-17.58	-1.04	0.38	345.15	-1502.44	-1367.72	210.43	480.37
		1576	23.84	-0.73	-29.43	-29.43	-0.73	0.20	54.60	-1467.07	-1433.76	21.29	222.65
		1549	17.86	-0.69	-28.74	-28.37	-1.05	3.18	51.80	-1069.57	-1043.07	25.30	170.33
1291	27	1627	27.53	0.15	-25.59	-25.59	0.15	0.13	332.47	-1569.06	-1451.12	214.53	458.65
		1628	31.10	-0.25	-26.03	-25.94	-0.34	1.50	269.24	-1842.76	-1742.01	168.48	450.16
		1550	30.24	0.51	-39.72	-39.67	0.46	1.51	52.41	-1856.97	-1836.20	31.64	198.09
		1576	25.60	0.72	-38.86	-38.47	0.33	3.87	47.36	-1551.59	-1533.32	29.09	169.96
1291	59	1627	26.57	-0.47	-17.91	-17.86	-0.52	-0.94	345.13	-1524.57	-1386.96	207.52	488.22
		1628	30.02	-0.77	-18.35	-18.35	-0.77	0.22	272.58	-1795.81	-1679.72	156.50	476.07
		1550	28.64	-0.28	-28.82	-28.82	-0.28	-0.07	49.35	-1790.60	-1762.49	21.24	225.65
		1576	24.01	-0.24	-27.69	-27.49	-0.45	2.36	48.27	-1484.55	-1457.71	21.43	201.04
1291	91	1627	26.50	-0.50	-17.34	-17.28	-0.57	-1.02	346.14	-1521.30	-1382.14	206.98	490.41
		1628	29.94	-0.81	-17.79	-17.79	-0.81	0.13	272.88	-1792.33	-1675.04	155.59	477.99
		1550	28.52	-0.34	-28.02	-28.02	-0.34	-0.19	49.15	-1785.67	-1756.97	20.45	227.69
		1576	23.90	-0.31	-26.87	-26.68	-0.51	2.25	48.41	-1479.60	-1452.04	20.85	203.35
1292	29	1628	31.58	0.15	-16.74	-16.67	0.09	-1.01	259.63	-1913.73	-1813.58	159.48	455.66
		1629	34.44	0.20	-16.92	-16.80	0.07	1.46	212.35	-2126.53	-2047.15	132.97	423.50
		1577	33.03	1.29	-3.37	-3.32	1.24	-0.47	43.21	-2167.68	-2151.53	27.05	188.29
		1550	29.40	1.44	-1.85	-1.62	1.22	0.83	42.90	-1930.23	-1914.70	27.37	174.36
1292	61	1628	30.25	-0.36	-14.34	-14.17	-0.53	-1.52	269.66	-1829.89	-1712.62	152.38	482.16
		1629	33.01	-0.55	-14.46	-14.45	-0.55	0.17	215.68	-2040.08	-1947.94	123.54	446.49
		1577	31.82	0.17	-12.35	-12.27	0.08	-1.01	41.15	-2061.06	-2039.33	19.43	212.58
		1550	28.20	0.04	-10.67	-10.59	-0.03	0.90	43.00	-1822.87	-1800.71	20.85	202.11
1292	93	1628	30.15	-0.40	-14.18	-14.00	-0.58	-1.56	270.49	-1823.58	-1704.94	151.85	484.12
		1629	32.90	-0.60	-14.29	-14.29	-0.60	0.08	215.98	-2033.55	-1940.40	122.83	448.19
		1577	31.73	0.08	-13.01	-12.93	-1.48e-03	-1.05	41.03	-2053.02	-2030.83	18.85	214.38
		1550	28.11	-0.05	-11.32	-11.25	-0.13	0.90	43.07	-1814.79	-1792.08	20.35	204.16
1293	29	1629	34.16	1.35	-3.72	-2.64	0.27	-2.07	210.99	-2159.83	-2075.44	126.59	439.27
		1630	37.07	0.07	-17.32	-17.21	-0.04	1.39	175.32	-2321.40	-2258.10	112.03	392.45
		1551	36.29	1.27	-6.05	-6.02	1.24	-0.48	38.03	-2378.70	-2365.07	24.41	180.93
		1577	33.51	1.39	-4.35	-4.23	1.27	0.83	39.03	-2197.75	-2183.90	25.19	175.45
1293	61	1629	32.90	0.09	-8.65	-8.15	-0.42	-2.03	216.52	-2056.67	-1960.49	120.34	457.59
		1630	35.34	-0.57	-15.05	-15.05	-0.57	0.15	175.78	-2216.32	-2144.67	104.13	407.73
		1551	34.79	0.15	-14.06	-13.98	0.08	-1.03	35.49	-2255.68	-2238.65	18.45	196.81
		1577	32.01	0.05	-12.28	-12.22	-0.01	0.88	38.17	-2073.99	-2055.95	20.13	194.37
1293	93	1629	32.81	0.01	-9.04	-8.56	-0.47	-2.03	216.98	-2048.87	-1951.75	119.87	458.93
		1630	35.21	-0.61	-14.90	-14.90	-0.61	0.06	175.85	-2208.35	-2136.05	103.54	408.85
		1551	34.67	0.07	-14.65	-14.57	-5.05e-03	-1.07	35.31	-2246.37	-2229.06	18.00	197.98
		1577	31.90	-0.05	-12.87	-12.81	-0.11	0.88	38.14	-2064.63	-2046.24	19.75	195.77
1294	29	1630	36.79	0.99	-5.34	-4.67	0.31	-1.96	174.05	-2348.65	-2281.20	106.60	406.96
		1631	38.36	0.18	-4.88	-4.84	0.14	0.45	146.41	-2464.48	-2416.57	98.49	350.44
		1578	38.70	1.30	-8.40	-8.38	1.27	-0.48	32.57	-2534.15	-2523.31	21.74	166.42
		1551	36.69	1.35	-6.69	-6.60	1.25	0.86	35.05	-2403.70	-2392.25	23.60	166.66
1294	61	1630	35.24	0.04	-9.89	-9.49	-0.37	-1.97	176.29	-2229.94	-2154.87	101.22	418.33
		1631	36.76	-0.46	-9.68	-9.68	-0.47	-0.23	145.20	-2344.53	-2291.47	92.14	359.58
		1578	36.96	0.16	-15.62	-15.55	0.09	-1.03	30.12	-2397.98	-2385.24	17.38	175.47
		1551	34.95	0.03	-13.84	-13.78	-0.02	0.88	33.50	-2266.79	-2252.93	19.64	178.03
1294	93	1630	35.12	-0.03	-10.24	-9.84	-0.42	-1.97	176.49	-2220.93	-2145.26	100.82	419.16
		1631	36.63	-0.50	-10.04	-10.04	-0.51	-0.28	145.13	-2335.42	-2281.95	91.66	360.23
		1578	36.83	0.08	-16.15	-16.08	4.92e-03	-1.07	29.95	-2387.66	-2374.76	17.05	176.12
		1551	34.82	-0.06	-14.37	-14.31	-0.12	0.88	33.40	-2256.41	-2242.36	19.34	178.85
1295	29	1631	38.69	0.53	-6.48	-6.24	0.28	-1.28	145.30	-2484.94	-2434.04	94.39	362.34
		1632	39.66	0.31	-6.50	-6.33	0.14	1.06	123.68	-2557.87	-2524.30	90.12	298.13
		1552	40.29	1.20	-10.27	-10.27	1.20	5.58e-03	26.83	-2636.66	-2628.89	19.06	143.63
		1578	39.00	1.37	-8.75	-8.55	1.17	1.41	30.57	-2553.38	-2544.73	21.92	149.22
1295	61	1631	36.93	-0.11	-10.81	-10.56	-0.36	-1.60	145.47	-2354.76	-2299.06	89.77	369.00
		1632	37.86	-0.45	-10.67	-10.67	-0.45	0.12	121.88	-2426.98	-2390.17	85.07	304.09
		1552	38.38	0.09	-16.89	-16.86	0.06	-0.80	25.09	-2490.74	-2481.89	16.23	148.99
		1578	37.08	0.02	-15.24	-15.16	-0.07	1.14	28.98	-2406.81	-2396.86	19.03	155.36

1295	93	1631	36.79	-0.16	-11.13	-10.88	-0.41	-1.63	145.51	-2344.88	-2288.80	89.43	369.47
		1632	37.73	-0.49	-10.99	-10.99	-0.49	0.05	121.76	-2417.04	-2379.97	84.69	304.51
		1552	38.24	0.02	-17.38	-17.34	-0.03	-0.86	24.96	-2479.67	-2470.73	16.02	149.36
		1578	36.94	-0.08	-15.72	-15.64	-0.16	1.12	28.86	-2395.69	-2385.64	18.81	155.79
1296	25	1632	39.90	0.86	-8.39	-7.92	0.38	-2.05	121.95	-2572.82	-2537.84	86.97	305.04
		1633	40.30	0.62	-7.95	-7.82	0.49	1.04	105.71	-2604.67	-2584.19	85.23	234.73
		1579	41.15	1.24	-12.12	-12.12	1.23	-0.16	23.06	-2689.12	-2684.63	18.58	110.23
		1552	40.53	0.86	-10.66	-10.66	0.86	0.19	27.26	-2651.09	-2645.62	21.79	120.88
1296	57	1632	37.99	6.84e-03	-11.95	-11.64	-0.30	-1.89	121.58	-2434.48	-2396.02	83.12	311.17
		1633	38.36	-0.27	-11.61	-11.60	-0.27	0.21	104.41	-2465.78	-2442.77	81.40	242.07
		1579	39.10	0.11	-18.12	-18.08	0.07	-0.88	21.41	-2536.18	-2530.83	16.07	116.83
		1552	38.48	-0.19	-16.58	-16.56	-0.21	0.58	25.41	-2497.74	-2491.41	19.08	126.25
1296	89	1632	37.84	-0.05	-12.21	-11.92	-0.35	-1.87	121.57	-2423.93	-2385.20	82.83	311.60
		1633	38.21	-0.33	-11.88	-11.88	-0.33	0.15	104.32	-2455.19	-2431.99	81.12	242.59
		1579	38.95	0.03	-18.57	-18.52	-0.02	-0.93	21.29	-2524.54	-2519.13	15.88	117.29
		1552	38.33	-0.27	-17.02	-17.00	-0.29	0.60	25.28	-2486.07	-2479.67	18.88	126.63
1297	25	1633	40.44	0.64	-9.90	-9.59	0.33	-1.77	105.64	-2611.03	-2590.02	84.63	237.96
		1634	40.27	0.70	-9.52	-9.42	0.60	0.99	94.89	-2602.84	-2592.74	84.80	164.74
		1553	41.20	1.27	-14.08	-14.08	1.27	-0.24	15.01	-2690.22	-2688.44	13.23	69.33
		1579	41.30	0.76	-12.78	-12.77	0.75	0.21	25.53	-2696.62	-2694.09	23.00	82.95
1297	57	1633	38.44	-0.09	-12.89	-12.67	-0.31	-1.66	104.64	-2468.96	-2444.95	80.63	247.42
		1634	38.24	-0.21	-12.55	-12.54	-0.22	0.29	93.51	-2460.01	-2447.75	81.24	176.53
		1553	39.09	0.12	-19.33	-19.29	0.08	-0.91	16.16	-2533.87	-2531.30	13.59	80.95
		1579	39.17	-0.25	-17.94	-17.92	-0.27	0.58	23.02	-2540.19	-2536.88	19.72	91.96
1297	89	1633	38.28	-0.14	-13.11	-12.90	-0.36	-1.66	104.58	-2458.14	-2433.89	80.33	248.10
		1634	38.09	-0.27	-12.78	-12.77	-0.28	0.24	93.42	-2449.13	-2436.69	80.98	177.39
		1553	38.93	0.04	-19.72	-19.67	-5.18e-03	-0.96	16.26	-2521.98	-2519.35	13.62	81.80
		1579	39.00	-0.32	-18.32	-18.30	-0.34	0.61	22.84	-2528.29	-2524.93	19.47	92.61
1298	25	1634	40.31	0.54	-11.13	-10.94	0.35	-1.47	95.63	-2602.09	-2591.86	85.40	165.81
		1635	39.52	0.75	-10.79	-10.69	0.65	1.06	85.52	-2554.03	-2550.81	82.29	92.20
		1580	40.53	1.23	-15.76	-15.75	1.23	-0.20	13.16	-2640.63	-2640.37	12.90	25.95
		1553	41.31	0.71	-14.63	-14.63	0.70	0.21	25.51	-2691.47	-2690.88	24.92	40.00
1298	57	1634	38.27	-0.14	-13.65	-13.50	-0.29	-1.42	93.89	-2459.65	-2446.77	81.01	180.87
		1635	37.48	-0.17	-13.29	-13.27	-0.19	0.44	86.35	-2410.41	-2405.54	81.47	110.20
		1580	38.38	0.10	-20.31	-20.27	0.06	-0.88	14.18	-2484.15	-2483.37	13.40	44.13
		1553	39.14	-0.27	-19.10	-19.08	-0.29	0.59	21.83	-2535.25	-2534.06	20.64	55.12
1298	89	1634	38.11	-0.19	-13.83	-13.68	-0.34	-1.41	93.78	-2448.81	-2435.72	80.69	181.98
		1635	37.32	-0.24	-13.48	-13.46	-0.25	0.40	86.43	-2399.48	-2394.47	81.42	111.53
		1580	38.22	0.02	-20.65	-20.60	-0.02	-0.93	14.27	-2472.26	-2471.43	13.44	45.47
		1553	38.98	-0.34	-19.42	-19.40	-0.36	0.62	21.57	-2523.38	-2522.14	20.32	56.23
1299	25	1635	39.50	0.45	-11.95	-11.83	0.33	-1.21	92.25	-2546.24	-2542.99	89.00	92.57
		1636	38.14	0.78	-11.61	-11.50	0.67	1.18	88.05	-2457.78	-2457.60	87.87	21.08
		1554	39.06	1.15	-16.90	-16.90	1.15	-0.04	12.10	-2539.61	-2539.49	11.98	-17.57
		1580	40.55	0.62	-15.97	-15.97	0.62	0.18	27.25	-2635.61	-2635.60	27.25	-4.42
1299	57	1635	37.47	-0.19	-14.15	-14.05	-0.30	-1.18	89.31	-2406.55	-2401.31	84.07	114.21
		1636	36.11	-0.15	-13.76	-13.74	-0.18	0.62	87.86	-2316.42	-2315.55	86.99	45.75
		1554	36.94	0.06	-20.95	-20.92	0.03	-0.80	12.92	-2386.27	-2386.24	12.89	7.87
		1580	38.40	-0.32	-19.93	-19.91	-0.33	0.58	21.84	-2482.88	-2482.75	21.71	17.81
1299	89	1635	37.32	-0.24	-14.31	-14.22	-0.34	-1.18	89.11	-2395.93	-2390.52	83.71	115.81
		1636	35.95	-0.22	-13.92	-13.90	-0.24	0.57	87.87	-2305.67	-2304.73	86.93	47.57
		1554	36.78	-0.02	-21.24	-21.21	-0.05	-0.86	13.00	-2374.64	-2374.60	12.96	9.76
		1580	38.23	-0.38	-20.22	-20.20	-0.40	0.61	21.45	-2471.29	-2471.14	21.30	19.45
1300	25	1636	38.03	0.37	-12.83	-12.75	0.30	-1.01	96.16	-2443.10	-2442.93	95.99	20.93
		1637	36.07	0.85	-12.44	-12.29	0.70	1.37	96.77	-2313.06	-2312.17	95.87	-46.35
		1581	36.87	1.72	-19.25	-18.99	1.46	-2.33	12.07	-2385.81	-2384.34	10.60	-59.41
		1554	39.07	0.50	-17.98	-17.98	0.50	0.19	30.75	-2528.49	-2527.58	29.84	-48.35
1300	57	1636	36.06	-0.25	-14.62	-14.56	-0.31	-0.96	91.26	-2309.14	-2308.12	90.24	49.50
		1637	34.09	-0.12	-14.17	-14.12	-0.17	0.83	95.69	-2176.87	-2176.78	95.59	-14.74
		1581	34.78	0.33	-22.04	-21.88	0.17	-1.87	12.43	-2238.76	-2238.45	12.12	-26.46
		1554	36.95	-0.37	-20.96	-20.94	-0.39	0.59	23.01	-2382.43	-2382.29	22.86	-18.66
1300	89	1636	35.91	-0.29	-14.75	-14.69	-0.36	-0.96	90.92	-2298.97	-2297.85	89.81	51.63
		1637	33.94	-0.19	-14.30	-14.26	-0.23	0.78	95.64	-2166.54	-2166.47	95.58	-12.39
		1581	34.62	0.23	-22.24	-22.09	0.08	-1.83	12.49	-2227.63	-2227.37	12.23	-24.01
		1554	36.79	-0.43	-21.17	-21.15	-0.45	0.62	22.46	-2371.37	-2371.26	22.34	-16.45
1301	27	1637	35.75	0.99	-11.20	-10.98	0.77	-1.62	108.17	-2289.26	-2288.83	107.74	-32.31
		1638	33.14	0.54	-10.57	-10.57	0.54	0.02	112.97	-2114.57	-2110.76	109.16	-92.13
		1555	33.58	1.52	-17.36	-16.85	1.00	-3.08	12.83	-2173.36	-2170.26	9.73	-82.28
		1581	36.58	1.08	-16.00	-15.98	1.05	-0.69	35.44	-2365.78	-2363.42	33.08	-75.33
1301	59	1637	33.95	2.67e-03	-13.85	-13.76	-0.09	-1.14	100.59	-2165.31	-2165.30	100.58	-4.31
		1638	31.35	-0.25	-13.31	-13.30	-0.26	0.30	111.21	-1988.30	-1986.51	109.42	-61.40
		1555	31.71	0.19	-21.03	-20.80	-0.04	-2.21	12.76	-2037.62	-2036.40	11.54	-50.00
		1581	34.66	-0.12	-20.01	-20.01	-0.12	0.18	25.22	-2231.24	-2230.30	24.28	-46.01
1301	91	1637	33.81	-0.07	-14.05	-13.96	-0.16	-1.10	100.05	-2155.90	-2155.90	100.04	-2.23
		1638	31.21	-0.31	-13.50	-13.50	-0.32	0.32	111.11	-1978.73	-1977.05	109.44	-59.11
		1555	31.56	0.10	-21.30	-21.08	-0.12	-2.15	12.79	-2027.35	-2026.24	11.68	-47.60
		1581	34.51	-0.21	-20.31	-20.30	-0.21	0.25	24.47	-2221.06	-2220.20	23.61	-43.83
1302	27	1638	33.35	0.69	-20.38	-20.34	0.65	-0.89	128.93	-2086.92	-2083.12	125.14	-91.60

		1639	30.05	0.47	-19.69	-19.66	0.44	0.72	139.00	-1864.60	-1854.70	129.09	-140.54
		1582	29.49	2.02	-15.83	-15.22	1.41	-3.24	14.38	-1904.11	-1897.37	7.63	-113.59
		1555	33.34	1.04	-14.56	-14.50	0.98	-0.95	42.12	-2150.71	-2144.94	36.35	-112.32
1302	59	1638	31.44	-0.13	-18.04	-18.01	-0.16	-0.70	117.86	-1974.65	-1973.08	116.28	-57.40
		1639	28.17	-0.30	-17.42	-17.40	-0.33	0.69	136.14	-1749.46	-1743.75	130.43	-103.63
		1582	27.82	0.41	-20.11	-19.85	0.16	-2.28	13.44	-1780.86	-1777.75	10.33	-74.60
		1555	31.61	-0.15	-19.22	-19.22	-0.15	0.07	28.48	-2029.08	-2026.25	25.65	-76.26
1302	91	1638	31.30	-0.19	-17.87	-17.85	-0.22	-0.68	117.06	-1966.16	-1964.71	115.61	-54.86
		1639	28.03	-0.36	-17.26	-17.23	-0.38	0.69	135.97	-1740.75	-1735.32	130.53	-100.89
		1582	27.70	0.30	-20.43	-20.19	0.06	-2.21	13.42	-1771.57	-1768.69	10.53	-71.70
		1555	31.48	-0.24	-19.56	-19.56	-0.24	0.14	27.49	-2019.90	-2017.26	24.84	-73.58
1303	27	1639	29.84	0.56	-21.52	-21.49	0.53	-0.87	160.68	-1831.30	-1821.44	150.82	-139.79
		1640	25.77	0.29	-20.80	-20.76	0.25	0.91	177.72	-1554.67	-1537.46	160.51	-171.83
		1556	24.36	1.99	-13.51	-12.81	1.29	-3.22	16.65	-1568.35	-1556.63	4.93	-135.82
		1582	29.19	1.05	-12.36	-12.23	0.91	-1.32	50.81	-1877.08	-1866.34	40.07	-143.50
1303	59	1639	28.07	-0.22	-18.49	-18.47	-0.24	-0.61	145.19	-1733.09	-1727.79	139.89	-99.62
		1640	24.06	-0.43	-17.86	-17.82	-0.47	0.80	173.52	-1453.00	-1442.72	163.24	-128.93
		1556	22.95	0.38	-18.77	-18.50	0.11	-2.27	14.37	-1459.78	-1454.23	8.82	-90.29
		1582	27.70	-0.18	-17.97	-17.97	-0.18	-0.10	32.84	-1770.71	-1765.05	27.18	-100.90
1303	91	1639	27.93	-0.28	-18.27	-18.25	-0.30	-0.59	144.07	-1725.68	-1720.68	139.07	-96.62
		1640	23.93	-0.49	-17.65	-17.61	-0.52	0.79	173.27	-1445.35	-1435.52	163.45	-125.73
		1556	22.84	0.27	-19.16	-18.91	0.02	-2.20	14.28	-1451.65	-1446.49	9.11	-86.89
		1582	27.59	-0.26	-18.39	-18.39	-0.26	-0.01	31.54	-1762.72	-1757.39	26.20	-97.72
1304	27	1640	25.60	0.35	-23.16	-23.11	0.30	-1.10	206.23	-1516.77	-1499.67	189.13	-170.80
		1641	20.67	-0.02	-22.47	-22.46	-0.03	0.43	233.35	-1173.82	-1151.40	210.93	-176.21
		1583	19.38	1.25	-30.62	-30.45	1.09	-2.26	69.76	-1151.97	-1135.71	53.50	-140.00
		1556	25.06	0.74	-30.05	-30.04	0.73	-0.41	61.92	-1538.47	-1521.13	44.58	-165.70
1304	59	1640	23.97	-0.37	-19.17	-19.14	-0.40	-0.70	185.42	-1434.51	-1424.81	175.73	-124.94
		1641	19.14	-0.70	-18.58	-18.57	-0.72	0.46	228.05	-1087.76	-1075.28	215.57	-127.53
		1583	17.54	0.16	-26.51	-26.38	0.03	-1.83	38.95	-1060.47	-1053.08	31.56	-89.82
		1556	23.30	-0.25	-25.90	-25.90	-0.25	0.32	38.26	-1448.88	-1439.67	29.04	-116.73
1304	91	1640	23.85	-0.43	-18.88	-18.86	-0.45	-0.67	183.92	-1428.35	-1419.14	174.71	-121.52
		1641	19.03	-0.75	-18.30	-18.29	-0.77	0.46	227.75	-1081.34	-1069.51	215.92	-123.90
		1583	17.40	0.08	-26.22	-26.09	-0.04	-1.80	36.75	-1053.69	-1046.85	29.91	-86.08
		1556	23.17	-0.32	-25.61	-25.60	-0.33	0.38	36.56	-1442.22	-1433.53	27.87	-113.07
1305	29	1641	20.52	-0.50	-29.61	-29.60	-0.52	-0.71	278.27	-1112.35	-1083.37	249.29	-198.63
		1642	15.22	-0.77	-29.22	-29.20	-0.79	-0.85	375.84	-679.95	-655.62	351.51	-158.43
		1557	11.96	0.43	-39.37	-39.16	0.22	-2.91	92.05	-618.63	-586.06	59.49	-148.60
		1583	19.11	-0.18	-38.24	-38.24	-0.18	0.22	90.31	-1104.88	-1070.87	56.30	-198.72
1305	61	1641	19.05	-0.88	-22.17	-22.15	-0.90	-0.62	246.27	-1057.44	-1043.33	232.16	-134.89
		1642	13.64	-1.32	-21.79	-21.78	-1.33	-0.52	338.11	-623.37	-614.29	329.02	-93.01
		1557	10.12	-0.20	-30.64	-30.48	-0.35	-2.15	45.45	-549.36	-538.89	34.99	-78.21
		1583	17.42	-0.64	-29.55	-29.54	-0.65	0.63	50.09	-1040.84	-1025.07	34.32	-130.21
1305	93	1641	18.94	-0.91	-21.62	-21.60	-0.93	-0.62	244.05	-1053.51	-1040.33	230.87	-130.12
		1642	13.53	-1.36	-21.25	-21.24	-1.37	-0.49	335.54	-619.39	-611.19	327.34	-88.11
		1557	9.99	-0.25	-30.00	-29.85	-0.40	-2.09	42.35	-544.58	-535.38	33.15	-72.94
		1583	17.30	-0.67	-28.92	-28.91	-0.69	0.66	47.28	-1036.29	-1021.66	32.65	-125.08
1306	29	1642	15.08	-1.20	-33.36	-33.21	-1.35	-2.18	375.31	-657.05	-631.83	350.09	-159.37
		1643	9.74	-2.96	-33.64	-33.02	-3.59	-4.32	527.20	-99.85	-96.47	523.82	-45.89
		1584	4.85	-1.69	-46.92	-46.32	-2.30	-5.21	233.70	30.54	178.91	85.33	-90.16
		1557	10.79	4.35e-03	-43.72	-43.71	-9.64e-03	-0.78	128.10	-518.06	-455.06	65.09	-191.68
1306	61	1642	13.56	-1.47	-24.05	-23.92	-1.60	-1.69	335.06	-612.69	-603.93	326.30	-90.70
		1643	8.56	-2.80	-24.12	-23.66	-3.26	-3.10	494.25	-69.16	-68.14	493.23	24.00
		1584	3.66	-1.27	-34.92	-34.57	-1.61	-3.39	152.93	51.07	152.06	51.93	-9.34
		1557	9.56	-0.45	-32.04	-32.04	-0.45	0.17	61.10	-504.91	-481.74	37.93	-112.15
1306	93	1642	13.46	-1.49	-23.36	-23.24	-1.62	-1.66	332.32	-609.72	-601.88	324.49	-85.55
		1643	8.49	-2.79	-23.42	-22.97	-3.24	-3.02	492.46	-67.59	-66.06	490.92	29.25
		1584	3.60	-1.24	-34.04	-33.71	-1.56	-3.26	150.19	49.31	150.09	49.42	-3.28
		1557	9.49	-0.48	-31.19	-31.18	-0.48	0.24	56.73	-504.57	-483.70	35.86	-106.19
1307	25	1643	8.62	-3.05	-39.01	-37.23	-4.83	-7.80	533.47	34.65	39.86	528.26	-50.71
		1644	13.99	-1.86	-40.63	-34.73	-7.76	-13.93	963.81	593.37	720.17	837.01	175.77
		1558	22.24	-4.59	-68.40	-65.26	-7.73	-13.80	1265.45	-1.34	1119.68	144.43	404.24
		1584	6.22	-2.65	-56.74	-56.59	-2.80	-2.85	282.32	-23.35	191.63	67.34	-139.63
1307	57	1643	8.04	-3.19	-27.45	-26.16	-4.48	-5.44	499.77	-7.23	-5.89	498.43	26.01
		1644	13.94	-2.21	-27.86	-23.49	-6.58	-9.65	994.74	474.43	676.74	792.43	253.64
		1558	19.61	-3.84	-48.56	-46.85	-5.55	-8.57	1161.14	14.36	1057.37	118.13	329.00
		1584	4.14	-0.85	-38.54	-38.52	-0.87	-0.73	168.82	11.19	149.39	30.62	-51.82
1307	89	1643	8.02	-3.20	-26.60	-25.35	-4.46	-5.27	498.14	-11.28	-9.29	496.15	31.78
		1644	13.95	-2.23	-26.93	-22.66	-6.49	-9.33	997.17	465.42	673.52	789.06	259.52
		1558	19.42	-3.79	-47.11	-45.50	-5.39	-8.19	1153.45	15.34	1052.65	116.14	323.35
		1584	4.01	-0.71	-37.21	-37.20	-0.72	-0.58	161.48	12.51	146.19	27.80	-45.21
1308	29	1644	22.32	0.58	-38.09	-16.63	-20.88	-19.22	1517.48	392.59	909.17	1000.89	560.57
		1645	31.22	5.14	-53.33	-11.33	-36.86	-26.30	2170.66	639.71	1604.52	1205.84	739.06
		1585	55.96	-43.39	-166.90	-132.56	-77.73	-55.34	3395.55	335.56	2786.10	945.00	1222.08
		1558	25.26	10.85	-98.61	-94.89	7.13	-19.83	1185.14	-263.66	1138.05	-216.58	256.91
1308	61	1644	20.12	-3.11	-34.28	-17.78	-19.61	-15.56	1382.59	390.82	799.18	974.23	488.10
		1645	27.98	7.57	-28.32	-1.50	-19.25	-15.59	2021.20	646.24	1500.99	1166.45	666.82

		1585	51.00	-32.41	-115.97	-93.36	-55.02	-37.12	3222.44	351.14	2665.27	908.30	1135.50
		1558	21.13	12.90	-59.15	-58.41	12.16	-7.26	1033.33	-263.91	1010.78	-241.36	169.54
1308	93	1644	19.96	-3.37	-34.00	-17.86	-19.51	-15.29	1372.56	390.51	790.91	972.15	482.59
		1645	27.74	7.75	-26.48	-0.78	-17.95	-14.81	2009.88	646.81	1493.20	1163.49	661.30
		1585	50.63	-31.61	-112.22	-90.49	-53.35	-35.78	3209.35	352.33	2656.14	905.54	1128.94
		1558	20.84	13.12	-56.31	-55.73	12.53	-6.34	1022.15	-264.30	1001.17	-243.33	162.93
1309	25	1645	81.08	-18.74	-46.94	-24.17	-41.52	-11.12	5814.92	1310.65	3517.85	3607.72	2251.68
		1586	31.93	-3.96	-42.83	-6.44	-40.35	-9.50	950.39	-1475.64	-1004.91	479.67	-959.38
		52	282.64	-16.39	-166.51	-159.23	-23.66	-32.24	1.952e+04	2186.79	1.040e+04	1.131e+04	8655.48
		1585	85.09	-78.07	-163.86	-149.57	-92.37	31.97	1701.57	-4484.15	1407.14	-4189.72	-1317.04
1309	57	1645	80.82	-5.55	-33.22	-15.78	-22.99	-13.36	5790.22	1220.10	3460.02	3550.30	2284.62
		1586	33.13	0.90	-32.38	0.78	-32.26	2.02	743.93	-1690.41	-1091.56	145.08	-1048.41
		52	275.07	1.02	-115.00	-108.01	-5.98	-27.62	1.903e+04	2000.08	1.001e+04	1.102e+04	8498.57
		1585	82.32	-51.05	-109.03	-95.91	-64.17	24.26	1374.61	-4596.10	974.71	-4196.19	-1492.57
1309	89	1645	80.80	-4.49	-32.30	-15.16	-21.63	-13.53	5788.35	1213.28	3455.64	3546.00	2287.09
		1586	33.25	1.56	-31.90	1.31	-31.66	2.86	728.36	-1707.94	-1098.43	118.86	-1055.20
		52	274.48	2.31	-111.23	-104.25	-4.68	-27.28	1.899e+04	1986.36	9981.11	1.099e+04	8485.72
		1585	82.16	-49.02	-105.04	-91.97	-62.10	23.69	1351.18	-4605.87	942.11	-4196.80	-1506.48
1310	5	1646	0.39	-0.76	-1.80	-1.08	-1.48	0.48	1.49	-20.51	-1.30	-17.71	7.33
		1659	1.20	0.14	-0.65	-0.26	-0.25	0.40	-23.95	-88.08	-87.40	-24.62	6.54
		1476	3.20	2.92	-0.24	0.60	2.08	-1.39	142.17	-102.53	-89.15	128.79	55.64
		1461	1.78	0.74	-1.29	-0.15	-0.40	1.01	119.83	5.51	14.05	111.28	30.06
1310	57	1646	0.28	-0.10	-0.55	-0.34	-0.31	0.23	7.14	-13.67	6.59	-13.13	3.32
		1659	1.10	0.30	-0.20	0.29	-0.20	0.06	-18.85	-79.79	-79.74	-18.89	1.67
		1476	3.07	3.95	-1.02	0.78	2.15	-2.39	137.00	-95.70	-84.46	125.77	49.88
		1461	1.77	0.78	0.24	0.26	0.76	0.10	121.77	12.84	19.08	115.53	25.31
1310	89	1646	0.29	-0.09	-0.56	-0.34	-0.31	0.23	7.35	-13.79	6.88	-13.32	3.12
		1659	1.10	0.30	-0.20	0.29	-0.19	0.06	-19.03	-79.50	-79.47	-19.06	1.42
		1476	3.07	3.96	-1.01	0.79	2.16	-2.39	136.64	-95.39	-84.26	125.51	49.58
		1461	1.77	0.78	0.24	0.25	0.76	0.10	121.51	13.16	19.30	115.36	25.06
1311	5	1659	1.90	-0.42	-3.05	-2.55	-0.92	1.03	-17.05	-125.87	-124.43	-18.49	12.46
		1648	4.50	0.94	-0.38	0.18	0.38	0.65	-3.05	-301.12	-301.06	-3.10	-4.04
		1463	5.97	4.39	-0.87	2.34	1.18	-2.56	119.28	-316.33	-309.61	112.55	53.71
		1476	3.01	2.42	-0.70	0.24	1.48	-1.43	125.60	-105.29	-96.69	117.00	43.70
1311	37	1659	1.58	-0.16	-1.60	-1.24	-0.52	0.62	-16.35	-108.66	-107.96	-17.05	7.96
		1648	4.30	1.41	0.23	1.40	0.24	0.13	-6.50	-285.68	-285.44	-6.74	-8.17
		1463	5.71	5.48	-1.59	2.96	0.92	-3.39	114.87	-297.55	-292.11	109.43	47.04
		1476	2.78	3.45	-0.72	0.98	1.75	-2.05	125.56	-84.78	-78.27	119.06	36.42
1311	69	1659	1.56	-0.14	-1.49	-1.14	-0.49	0.59	-16.29	-107.35	-106.71	-16.94	7.62
		1648	4.29	1.50	0.23	1.49	0.23	0.09	-6.76	-284.51	-284.25	-7.02	-8.48
		1463	5.69	5.56	-1.65	3.01	0.90	-3.45	114.53	-296.12	-290.77	109.19	46.54
		1476	2.76	3.53	-0.72	1.04	1.77	-2.09	125.57	-83.22	-76.87	119.22	35.87
1312	5	1648	4.99	-0.17	-1.98	-1.92	-0.23	0.31	-10.19	-331.88	-331.85	-10.22	3.18
		1660	8.78	2.21	0.02	1.76	0.46	0.88	4.34	-577.82	-577.60	4.13	-11.25
		1477	10.13	5.01	-0.96	3.63	0.41	-2.52	106.00	-603.44	-601.91	104.47	32.88
		1463	6.22	5.05	-1.83	1.95	1.27	-3.43	118.34	-335.00	-330.74	114.08	43.76
1312	37	1648	4.50	0.45	-0.09	0.44	-0.08	0.06	-11.94	-304.00	-303.99	-11.95	-1.39
		1660	8.46	4.12	0.34	4.11	0.35	0.19	-0.53	-551.06	-550.60	-0.99	-16.02
		1477	9.68	6.26	-1.78	4.51	-0.02	-3.33	101.41	-571.89	-570.77	100.30	27.36
		1463	5.79	5.81	-1.98	2.86	0.97	-3.78	117.36	-302.21	-298.78	113.92	37.83
1312	69	1648	4.47	0.62	-0.07	0.62	-0.07	0.05	-12.07	-301.87	-301.86	-12.08	-1.73
		1660	8.43	4.29	0.34	4.29	0.34	0.14	-0.90	-549.02	-548.53	-1.39	-16.37
		1477	9.65	6.36	-1.84	4.57	-0.06	-3.39	101.06	-569.47	-568.39	99.98	26.94
		1463	5.76	5.86	-1.99	2.93	0.94	-3.80	117.28	-299.71	-296.33	113.91	37.38
1313	5	1660	9.11	0.42	-1.28	-0.81	-0.06	-0.77	-1.05	-604.84	-604.32	-1.57	-17.65
		1649	13.45	2.69	-0.21	2.46	0.02	0.78	7.34	-884.52	-883.16	5.98	-34.77
		1464	14.75	5.30	-0.65	4.55	0.10	-1.97	90.13	-920.21	-920.11	90.03	-10.01
		1477	10.47	6.85	-2.69	3.50	0.66	-4.55	104.13	-628.02	-627.58	103.69	17.90
1313	37	1660	8.60	3.04	3.18e-03	2.96	0.09	-0.50	-4.33	-565.76	-565.24	-4.85	-17.09
		1649	13.02	6.25	0.13	6.25	0.14	0.18	2.66	-845.78	-844.46	1.35	-33.33
		1464	14.13	6.43	-1.25	5.48	-0.31	-2.52	86.38	-877.00	-876.92	86.31	-8.73
		1477	9.87	6.99	-2.42	4.46	0.11	-4.18	101.91	-584.51	-584.01	101.42	18.46
1313	69	1660	8.56	3.32	0.03	3.24	0.10	-0.48	-4.58	-562.77	-562.25	-5.11	-17.04
		1649	12.98	6.54	0.15	6.54	0.15	0.14	2.30	-842.81	-841.50	1.00	-33.22
		1464	14.08	6.51	-1.30	5.55	-0.34	-2.56	86.10	-873.69	-873.61	86.02	-8.63
		1477	9.82	7.01	-2.41	4.53	0.07	-4.15	101.74	-581.18	-580.68	101.24	18.50
1314	5	1649	13.73	2.44	-0.59	1.88	-0.02	-1.18	3.69	-907.92	-906.33	2.09	-38.09
		1661	18.09	4.26	-0.41	4.14	-0.30	0.71	9.17	-1187.09	-1184.49	6.56	-55.78
		1478	19.19	5.00	-9.36e-03	4.76	0.24	-1.08	73.85	-1225.62	-1223.46	71.69	-52.94
		1464	15.00	6.64	-2.33	3.94	0.36	-4.11	87.40	-941.38	-941.18	87.20	-14.24
1314	37	1649	13.17	6.08	0.04	6.00	0.12	-0.66	0.41	-857.93	-856.64	-0.87	-33.23
		1661	17.51	8.31	-0.03	8.30	-0.03	0.20	5.20	-1137.19	-1135.01	3.02	-49.93
		1478	18.43	6.31	-0.53	5.93	-0.16	-1.56	70.63	-1172.07	-1170.28	68.85	-47.06
		1464	14.27	6.87	-1.83	5.21	-0.17	-3.42	85.32	-888.12	-887.97	85.17	-11.99
1314	69	1649	13.12	6.38	0.06	6.32	0.13	-0.62	0.17	-854.10	-852.84	-1.10	-32.86
		1661	17.47	8.62	-9.79e-03	8.62	-6.54e-03	0.17	4.90	-1133.38	-1131.22	2.75	-49.49
		1478	18.37	6.40	-0.57	6.02	-0.19	-1.59	70.39	-1167.97	-1166.21	68.63	-46.61

		1464	14.21	6.90	-1.81	5.30	-0.21	-3.37	85.16	-884.04	-883.89	85.02	-11.81
1315	5	1661	18.34	4.46	-0.52	4.12	-0.18	-1.25	5.67	-1206.49	-1204.07	3.24	-54.14
		1650	22.32	5.58	-0.51	5.50	-0.43	0.72	9.83	-1463.44	-1460.10	6.50	-70.02
		1465	23.14	4.55	0.29	4.53	0.31	-0.29	55.04	-1499.85	-1494.86	50.05	-87.92
		1478	19.37	5.81	-1.62	3.86	0.33	-3.27	71.71	-1242.86	-1240.43	69.28	-56.44
1315	37	1661	17.64	8.36	-0.03	8.31	0.02	-0.64	3.21	-1146.90	-1144.94	1.25	-47.49
		1650	21.60	9.71	-0.11	9.71	-0.10	0.25	6.74	-1403.95	-1401.16	3.95	-62.73
		1465	22.29	6.18	-0.11	6.08	-0.01	-0.79	54.74	-1437.85	-1433.49	50.39	-80.50
		1478	18.52	6.47	-1.05	5.52	-0.11	-2.49	69.67	-1180.87	-1178.89	67.69	-49.74
1315	69	1661	17.58	8.67	-1.87e-03	8.63	0.04	-0.59	3.02	-1142.34	-1140.41	1.09	-46.98
		1650	21.54	10.02	-0.08	10.02	-0.08	0.21	6.51	-1399.40	-1396.64	3.75	-62.18
		1465	22.22	6.30	-0.14	6.19	-0.03	-0.83	54.72	-1433.10	-1428.79	50.42	-79.93
		1478	18.46	6.53	-1.03	5.64	-0.14	-2.43	69.52	-1176.12	-1174.17	67.57	-49.23
1316	5	1650	22.52	5.78	-0.51	5.57	-0.29	-1.15	7.00	-1479.44	-1476.35	3.92	-67.68
		1662	25.93	6.41	-0.52	6.33	-0.43	0.75	6.27	-1703.28	-1699.41	2.41	-81.24
		1479	26.60	4.22	0.35	4.20	0.37	0.24	45.93	-1736.78	-1729.05	38.20	-117.15
		1465	23.32	5.04	-0.86	3.69	0.49	-2.48	58.37	-1514.72	-1509.51	53.16	-90.36
1316	37	1650	21.70	9.80	-0.07	9.77	-0.04	-0.55	5.11	-1411.68	-1409.15	2.57	-59.88
		1662	25.11	10.54	-0.12	10.53	-0.12	0.28	5.82	-1635.65	-1632.40	2.57	-72.98
		1479	25.66	6.12	0.07	6.10	0.08	-0.27	45.22	-1667.41	-1660.45	38.26	-108.91
		1465	22.38	6.18	-0.42	5.69	0.07	-1.73	56.46	-1445.28	-1440.73	51.91	-82.56
1316	69	1650	21.63	10.10	-0.05	10.08	-0.02	-0.50	4.96	-1406.50	-1404.00	2.47	-59.29
		1662	25.05	10.85	-0.10	10.84	-0.09	0.25	5.79	-1630.48	-1627.27	2.59	-72.34
		1479	25.58	6.25	0.05	6.24	0.06	-0.30	45.17	-1662.10	-1655.20	38.27	-108.29
		1465	22.31	6.28	-0.41	5.84	0.04	-1.67	56.31	-1439.97	-1435.46	51.81	-81.97
1317	5	1662	26.12	6.43	-0.46	6.28	-0.32	-0.98	8.29	-1716.21	-1712.65	4.73	-78.24
		1651	28.94	6.72	-0.60	6.64	-0.52	0.75	7.76	-1902.25	-1898.05	3.56	-89.47
		1466	29.47	3.83	0.36	3.74	0.45	-0.55	39.77	-1933.28	-1923.06	29.54	-141.67
		1479	26.75	4.35	-0.37	3.47	0.51	-1.84	48.18	-1749.38	-1741.44	40.25	-119.19
1317	37	1662	25.20	10.57	-0.08	10.55	-0.06	-0.45	6.51	-1641.74	-1638.78	3.55	-69.77
		1651	28.02	10.91	-0.17	10.90	-0.16	0.29	7.02	-1827.90	-1824.35	3.46	-80.69
		1466	28.45	6.02	0.13	5.99	0.16	-0.41	38.81	-1857.65	-1848.29	29.44	-132.93
		1479	25.73	5.99	-0.08	5.77	0.15	-1.15	46.48	-1673.66	-1666.50	39.32	-110.75
1317	69	1662	25.13	10.87	-0.06	10.86	-0.05	-0.41	6.38	-1636.04	-1633.12	3.46	-69.13
		1651	27.95	11.21	-0.14	11.21	-0.13	0.26	6.96	-1822.21	-1818.70	3.45	-80.02
		1466	28.37	6.18	0.11	6.15	0.14	-0.40	38.73	-1851.86	-1842.56	29.43	-132.27
		1479	25.65	6.13	-0.08	5.93	0.12	-1.10	46.35	-1667.86	-1660.76	39.24	-110.10
1318	5	1651	29.07	6.54	-0.41	6.45	-0.32	-0.78	8.74	-1912.15	-1908.27	4.86	-86.24
		1663	31.28	6.58	-0.55	6.50	-0.47	0.75	8.49	-2058.58	-2054.14	4.06	-95.60
		1480	31.74	3.33	0.43	3.31	0.45	-0.21	35.97	-2087.80	-2075.26	23.43	-162.71
		1466	29.60	3.72	-7.99e-03	3.21	0.50	-1.28	41.74	-1943.28	-1932.85	31.30	-143.54
1318	37	1651	28.08	10.86	-0.08	10.85	-0.07	-0.34	7.22	-1832.46	-1829.20	3.96	-77.36
		1663	30.29	10.90	-0.14	10.89	-0.14	0.30	7.67	-1978.99	-1975.21	3.89	-86.51
		1480	30.66	5.82	0.16	5.82	0.17	-0.09	34.94	-2007.22	-1995.60	23.31	-153.64
		1466	28.52	5.83	0.09	5.75	0.18	-0.69	39.95	-1862.62	-1853.04	30.37	-134.68
1318	69	1651	28.00	11.17	-0.06	11.16	-0.05	-0.31	7.11	-1826.36	-1823.14	3.90	-76.68
		1663	30.21	11.21	-0.12	11.20	-0.11	0.26	7.61	-1972.89	-1969.17	3.88	-85.81
		1480	30.57	6.00	0.14	6.00	0.15	-0.08	34.86	-2001.05	-1989.50	23.30	-152.95
		1466	28.43	6.00	0.08	5.93	0.15	-0.64	39.82	-1856.45	-1846.93	30.30	-134.00
1319	5	1663	31.36	6.35	-0.44	6.21	-0.30	-0.96	9.32	-2065.29	-2061.18	5.21	-92.25
		1652	32.95	6.10	-0.52	6.02	-0.44	0.74	8.79	-2171.52	-2166.90	4.17	-100.28
		1467	33.38	2.85	0.42	2.85	0.42	0.11	34.10	-2199.60	-2184.77	19.27	-181.40
		1480	31.83	3.29	0.10	2.90	0.49	-1.05	37.91	-2094.87	-2082.10	25.13	-164.55
1319	37	1663	30.33	10.80	-0.07	10.78	-0.06	-0.41	7.81	-1981.99	-1978.51	4.33	-83.11
		1652	31.92	10.58	-0.13	10.57	-0.12	0.30	8.02	-2088.28	-2084.32	4.06	-90.98
		1467	32.26	5.56	0.15	5.55	0.16	0.22	33.08	-2115.55	-2101.69	19.21	-172.07
		1480	30.71	5.65	0.15	5.63	0.18	-0.40	36.07	-2010.79	-1998.93	24.21	-155.38
1319	69	1663	30.24	11.12	-0.05	11.11	-0.04	-0.37	7.70	-1975.61	-1972.18	4.27	-82.42
		1652	31.84	10.90	-0.10	10.89	-0.10	0.27	7.96	-2081.90	-2078.00	4.05	-90.27
		1467	32.17	5.76	0.13	5.75	0.14	0.23	33.00	-2109.12	-2095.32	19.20	-171.35
		1480	30.62	5.84	0.14	5.82	0.16	-0.35	35.93	-2004.35	-1992.56	24.14	-154.67
1320	5	1652	32.99	5.86	-0.40	5.75	-0.28	-0.85	10.39	-2174.88	-2170.57	6.08	-96.87
		1664	33.94	5.25	-0.36	5.25	-0.36	-0.08	8.36	-2240.77	-2235.95	3.54	-104.03
		1481	34.39	2.46	0.31	2.37	0.40	0.43	33.42	-2268.32	-2251.06	16.16	-198.58
		1467	33.43	2.75	0.29	2.57	0.47	-0.64	36.13	-2203.47	-2188.38	21.03	-183.27
1320	37	1652	31.93	10.48	-0.06	10.47	-0.05	-0.35	8.52	-2089.66	-2086.00	4.86	-87.57
		1664	32.89	9.99	-0.08	9.99	-0.08	-0.06	7.97	-2155.55	-2151.40	3.83	-94.58
		1481	33.24	5.26	0.09	5.21	0.14	0.52	32.62	-2182.42	-2166.17	16.37	-189.01
		1467	32.29	5.42	0.17	5.42	0.17	-0.05	34.26	-2117.60	-2103.47	20.13	-173.82
1320	69	1652	31.85	10.81	-0.04	10.80	-0.03	-0.32	8.38	-2083.13	-2079.52	4.76	-86.86
		1664	32.81	10.32	-0.06	10.32	-0.06	-0.06	7.95	-2149.02	-2144.93	3.85	-93.86
		1481	33.16	5.46	0.07	5.41	0.13	0.53	32.56	-2175.84	-2159.67	16.39	-188.27
		1467	32.20	5.63	0.15	5.63	0.15	-7.08e-03	34.12	-2111.02	-2096.96	20.06	-173.10
1321	5	1664	33.95	5.23	-0.38	5.12	-0.27	-0.79	10.65	-2240.66	-2236.15	6.14	-100.62
		1653	34.28	4.37	-0.34	4.37	-0.34	-0.04	8.48	-2266.23	-2261.17	3.42	-107.16
		1468	34.76	2.20	0.05	1.88	0.38	0.76	34.36	-2293.82	-2273.83	14.37	-214.80
		1481	34.40	2.27	0.40	2.22	0.45	-0.28	35.93	-2268.83	-2251.26	18.36	-200.49

1321	37	1664	32.89	9.95	-0.05	9.94	-0.04	-0.31	8.80	-2155.26	-2151.42	4.95	-91.17
		1653	33.23	9.20	-0.07	9.20	-0.07	-0.03	8.17	-2180.75	-2176.39	3.81	-97.60
		1468	33.62	4.94	-0.01	4.79	0.13	0.83	33.59	-2207.76	-2188.85	14.68	-205.00
		1481	33.26	5.16	0.15	5.14	0.16	0.28	34.03	-2182.87	-2166.32	17.49	-190.79
1321	69	1664	32.81	10.28	-0.03	10.27	-0.03	-0.28	8.66	-2148.72	-2144.92	4.86	-90.44
		1653	33.15	9.54	-0.05	9.54	-0.05	-0.03	8.15	-2174.20	-2169.90	3.84	-96.86
		1468	33.53	5.14	-0.03	5.00	0.11	0.84	33.53	-2201.17	-2182.34	14.71	-204.25
		1481	33.17	5.37	0.12	5.35	0.14	0.32	33.89	-2176.28	-2159.82	17.43	-190.05
1322	5	1653	34.24	4.50	-0.37	4.38	-0.25	-0.77	10.91	-2262.60	-2257.85	6.16	-103.79
		1665	33.96	3.37	-0.33	3.37	-0.33	7.19e-03	8.58	-2247.91	-2242.55	3.21	-109.93
		1482	34.49	2.09	-0.35	1.38	0.35	1.11	36.37	-2276.15	-2252.96	13.18	-230.44
		1468	34.73	1.87	0.43	1.87	0.43	0.04	37.71	-2290.90	-2270.55	17.35	-216.75
1322	37	1653	33.21	9.22	-0.04	9.21	-0.03	-0.29	9.06	-2178.78	-2174.72	5.00	-94.21
		1665	32.93	8.22	-0.06	8.22	-0.06	-6.29e-03	8.37	-2163.94	-2159.30	3.73	-100.25
		1482	33.37	4.60	-0.18	4.30	0.12	1.15	35.64	-2191.67	-2169.64	13.61	-220.41
		1468	33.61	4.86	0.08	4.79	0.15	0.59	35.40	-2206.58	-2187.34	16.16	-206.81
1322	69	1653	33.13	9.56	-0.03	9.55	-0.02	-0.25	8.92	-2172.36	-2168.35	4.91	-93.47
		1665	32.85	8.56	-0.05	8.56	-0.05	-6.81e-03	8.35	-2157.51	-2152.93	3.77	-99.51
		1482	33.28	4.79	-0.19	4.51	0.10	1.16	35.59	-2185.19	-2163.25	13.65	-219.64
		1468	33.52	5.08	0.05	5.00	0.13	0.63	35.23	-2200.12	-2180.97	16.07	-206.05
1323	7	1665	34.27	13.93	0.24	13.91	0.26	0.48	6.21	-2235.74	-2233.59	4.07	-69.36
		1654	33.40	12.75	0.23	12.71	0.26	0.68	7.61	-2180.66	-2178.08	5.03	-75.14
		1469	33.71	7.43	-0.56	7.07	-0.20	1.65	33.38	-2205.51	-2186.24	14.11	-206.82
		1482	34.54	8.07	-0.60	7.70	-0.23	1.75	29.19	-2260.49	-2243.99	12.69	-193.66
1323	39	1665	33.06	12.94	0.19	12.93	0.20	0.30	6.91	-2157.83	-2154.93	4.02	-79.10
		1654	32.18	11.72	0.20	11.71	0.21	0.32	8.01	-2102.66	-2099.25	4.60	-84.85
		1469	32.56	6.91	-0.49	6.56	-0.14	1.57	35.71	-2129.42	-2107.48	13.76	-216.87
		1482	33.39	7.50	-0.47	7.18	-0.15	1.55	32.33	-2184.29	-2165.40	13.44	-203.72
1323	71	1665	32.97	12.87	0.19	12.87	0.19	0.29	6.97	-2151.87	-2148.91	4.01	-79.85
		1654	32.09	11.65	0.19	11.64	0.20	0.29	8.05	-2096.69	-2093.21	4.56	-85.60
		1469	32.47	6.87	-0.48	6.52	-0.13	1.57	35.90	-2123.61	-2101.45	13.74	-217.64
		1482	33.30	7.45	-0.46	7.15	-0.15	1.53	32.58	-2178.46	-2159.39	13.50	-204.50
1324	7	1654	33.23	12.69	0.24	12.67	0.25	0.47	6.66	-2170.33	-2167.94	4.26	-72.15
		1666	31.74	11.17	0.28	11.17	0.28	0.13	8.08	-2075.37	-2072.47	5.17	-77.76
		1483	32.15	6.81	-0.72	6.28	-0.19	1.92	37.10	-2101.68	-2078.42	13.84	-221.80
		1469	33.56	7.54	-0.74	7.02	-0.22	2.00	31.71	-2195.98	-2176.20	11.94	-208.96
1324	39	1654	32.10	11.70	0.19	11.70	0.19	0.30	7.29	-2097.47	-2094.30	4.11	-81.65
		1666	30.60	10.18	0.21	10.18	0.21	0.07	8.44	-2002.37	-1998.58	4.65	-87.21
		1483	31.08	6.33	-0.67	5.79	-0.13	1.87	39.66	-2030.94	-2004.70	13.43	-231.59
		1469	32.50	7.00	-0.62	6.54	-0.15	1.82	35.17	-2125.12	-2102.73	12.79	-218.77
1324	71	1654	32.01	11.64	0.18	11.63	0.19	0.29	7.34	-2091.90	-2088.66	4.10	-82.38
		1666	30.52	10.12	0.21	10.12	0.21	0.07	8.47	-1996.79	-1992.93	4.60	-87.94
		1483	31.00	6.30	-0.67	5.76	-0.13	1.86	39.87	-2025.53	-1999.06	13.40	-232.34
		1469	32.42	6.96	-0.61	6.50	-0.15	1.81	35.45	-2119.70	-2097.10	12.85	-219.53
1325	7	1666	31.54	11.15	0.22	11.13	0.25	0.48	7.27	-2061.95	-2059.23	4.55	-74.93
		1655	29.44	9.35	0.27	9.34	0.27	0.14	8.60	-1927.68	-1924.34	5.27	-80.32
		1470	29.97	6.11	-0.94	5.34	-0.17	2.21	41.88	-1956.24	-1927.85	13.49	-236.48
		1483	31.97	6.92	-0.94	6.20	-0.21	2.28	37.60	-2089.21	-2065.34	13.74	-224.03
1325	39	1666	30.50	10.18	0.18	10.17	0.19	0.32	7.78	-1995.68	-1992.14	4.24	-84.09
		1655	28.40	8.38	0.21	8.38	0.21	0.10	8.93	-1861.24	-1856.95	4.65	-89.41
		1470	29.01	5.70	-0.92	4.90	-0.12	2.16	44.73	-1892.43	-1860.70	13.00	-245.91
		1483	31.01	6.44	-0.83	5.76	-0.15	2.12	40.19	-2025.24	-1998.49	13.43	-233.55
1325	71	1666	30.42	10.12	0.18	10.11	0.19	0.31	7.82	-1990.61	-1987.01	4.22	-84.80
		1655	28.32	8.32	0.20	8.31	0.20	0.09	8.96	-1856.16	-1851.79	4.60	-90.11
		1470	28.94	5.67	-0.92	4.87	-0.11	2.16	44.96	-1887.56	-1855.55	12.96	-246.64
		1483	30.93	6.40	-0.82	5.73	-0.14	2.10	40.40	-2020.36	-1993.37	13.41	-234.29
1326	7	1655	29.19	9.29	0.21	9.26	0.24	0.51	8.18	-1911.57	-1908.43	5.03	-77.67
		1667	26.51	7.22	0.26	7.21	0.26	0.17	9.24	-1739.23	-1735.31	5.33	-82.63
		1484	27.18	5.49	-0.82	4.27	0.40	2.49	47.79	-1770.90	-1735.75	12.64	-250.37
		1470	29.76	6.26	-1.22	5.23	-0.19	2.58	42.87	-1941.37	-1912.17	13.68	-238.89
1326	39	1655	28.28	8.36	0.17	8.35	0.19	0.34	8.45	-1853.21	-1849.19	4.43	-86.39
		1667	25.59	6.29	0.20	6.29	0.20	0.12	9.53	-1680.67	-1675.73	4.59	-91.24
		1484	26.36	5.09	-1.04	3.88	0.17	2.44	50.98	-1715.38	-1676.45	12.05	-259.32
		1470	28.92	5.83	-1.12	4.85	-0.13	2.42	45.54	-1885.60	-1853.21	13.15	-247.98
1326	71	1655	28.21	8.30	0.17	8.28	0.18	0.33	8.47	-1848.75	-1844.66	4.38	-87.06
		1667	25.52	6.23	0.19	6.23	0.19	0.11	9.56	-1676.20	-1671.17	4.53	-91.90
		1484	26.30	5.06	-1.06	3.86	0.15	2.43	51.24	-1711.14	-1671.91	12.01	-260.01
		1470	28.86	5.80	-1.11	4.82	-0.13	2.41	45.76	-1881.34	-1848.70	13.11	-248.68
1327	7	1667	26.25	7.12	-0.30	7.08	-0.27	0.54	9.23	-1721.08	-1717.36	5.50	-80.21
		1656	23.02	4.84	-0.29	4.84	-0.29	0.17	10.06	-1513.24	-1508.57	5.39	-84.27
		1471	23.86	4.67	-1.37	3.10	0.19	2.65	54.73	-1548.70	-1504.58	10.61	-262.30
		1484	26.95	5.70	-1.16	4.15	0.39	2.87	49.58	-1754.39	-1718.18	13.37	-253.01
1327	39	1667	25.46	6.25	-0.07	6.23	-0.05	0.37	9.23	-1671.58	-1666.92	4.58	-88.35
		1656	22.23	3.99	-0.06	3.98	-0.06	0.13	10.25	-1463.55	-1457.76	4.46	-92.22
		1471	23.18	4.36	-1.45	2.78	0.14	2.59	58.30	-1502.45	-1454.03	9.88	-270.62
		1484	26.26	5.26	-1.27	3.83	0.15	2.70	52.24	-1707.76	-1668.00	12.49	-261.52
1327	71	1667	25.40	6.19	-0.05	6.17	-0.03	0.36	9.24	-1667.79	-1663.06	4.51	-88.97

		1656	22.17	3.93	-0.05	3.93	-0.04	0.12	10.27	-1459.76	-1453.87	4.39	-92.84
		1471	23.13	4.34	-1.45	2.75	0.14	2.59	58.59	-1498.93	-1450.16	9.82	-271.26
		1484	26.21	5.23	-1.28	3.81	0.14	2.69	52.46	-1704.20	-1664.16	12.42	-262.18
1328	7	1656	22.72	4.70	-6.47e-03	4.63	0.07	0.58	10.60	-1494.07	-1489.57	6.10	-82.15
		1668	19.05	2.41	-0.32	2.40	-0.31	0.16	11.15	-1255.92	-1250.28	5.50	-84.40
		1485	20.07	3.81	-1.46	1.88	0.48	2.54	62.20	-1295.18	-1239.25	6.27	-269.80
		1471	23.63	5.06	-1.50	3.00	0.56	3.05	57.42	-1531.82	-1486.23	11.84	-265.26
1328	39	1656	22.08	3.92	0.05	3.88	0.09	0.40	10.21	-1453.79	-1448.30	4.72	-89.52
		1668	18.40	1.66	-0.10	1.65	-0.09	0.11	11.12	-1215.50	-1208.64	4.26	-91.49
		1485	19.54	3.56	-1.53	1.60	0.42	2.48	66.13	-1258.58	-1197.76	5.30	-277.26
		1471	23.08	4.63	-1.59	2.73	0.30	2.86	60.09	-1494.61	-1445.09	10.56	-273.03
1328	71	1656	22.03	3.87	0.06	3.83	0.10	0.38	10.19	-1450.72	-1445.14	4.61	-90.09
		1668	18.35	1.61	-0.09	1.60	-0.08	0.10	11.12	-1212.42	-1205.46	4.16	-92.04
		1485	19.50	3.54	-1.54	1.58	0.41	2.47	66.44	-1255.80	-1194.58	5.23	-277.83
		1471	23.04	4.60	-1.60	2.71	0.28	2.85	60.30	-1491.78	-1441.94	10.46	-273.63
1329	7	1668	18.85	0.17	-4.35	-4.22	0.03	0.77	12.45	-1237.16	-1231.67	6.96	-82.61
		1657	15.06	-0.40	-6.12	-6.11	-0.42	0.28	12.42	-978.46	-971.69	5.65	-81.64
		1472	15.93	2.76	-1.13	0.73	0.90	1.94	68.77	-1020.10	-949.45	-1.87	-268.20
		1485	19.88	4.19	-1.86	1.88	0.45	2.94	65.97	-1279.75	-1221.79	8.01	-273.21
1329	39	1668	18.24	0.20	-1.50	-1.36	0.05	0.47	11.43	-1205.68	-1199.13	4.89	-88.99
		1657	14.45	-0.18	-3.21	-3.21	-0.18	0.12	12.02	-946.89	-938.82	3.95	-87.60
		1472	15.54	2.53	-1.24	0.46	0.83	1.87	72.99	-992.52	-916.36	-3.17	-274.50
		1485	19.46	3.82	-1.81	1.61	0.40	2.75	68.52	-1251.32	-1188.99	6.20	-279.96
1329	71	1668	18.19	0.21	-1.31	-1.16	0.06	0.45	11.36	-1203.28	-1196.65	4.73	-89.49
		1657	14.40	-0.16	-3.01	-3.00	-0.16	0.11	11.99	-944.49	-936.31	3.81	-88.06
		1472	15.51	2.51	-1.24	0.44	0.83	1.87	73.33	-990.44	-913.84	-3.27	-274.98
		1485	19.43	3.79	-1.80	1.59	0.40	2.73	68.73	-1249.16	-1186.49	6.06	-280.48
1330	27	1657	14.93	-0.13	-8.15	-8.10	-0.18	-0.65	12.06	-961.98	-952.38	2.46	-96.25
		1669	11.01	-0.52	-9.21	-9.08	-0.65	-1.06	10.11	-699.22	-687.92	-1.19	-88.80
		1486	11.95	0.12	-2.73	-2.54	-0.07	-0.71	78.41	-745.32	-647.46	-19.45	-266.53
		1472	15.87	0.33	-1.89	-1.49	-0.08	0.85	82.11	-1012.37	-929.20	-1.06	-290.02
1330	59	1657	14.36	-0.07	-4.17	-4.16	-0.08	-0.21	11.66	-937.82	-928.63	2.48	-92.92
		1669	10.46	-0.26	-5.15	-5.08	-0.32	-0.56	11.09	-674.78	-663.87	0.17	-85.84
		1486	11.55	0.56	-1.55	-1.55	0.56	7.08e-03	79.72	-722.02	-623.82	-18.48	-262.84
		1472	15.50	1.45	-1.61	-0.55	0.38	1.46	80.01	-988.79	-905.82	-2.96	-285.99
1330	91	1657	14.32	-0.06	-3.89	-3.88	-0.07	-0.18	11.63	-935.98	-926.83	2.48	-92.67
		1669	10.42	-0.24	-4.86	-4.80	-0.30	-0.53	11.16	-672.92	-662.04	0.27	-85.62
		1486	11.52	0.61	-1.48	-1.48	0.61	0.06	79.82	-720.25	-622.03	-18.41	-262.57
		1472	15.47	1.53	-1.60	-0.48	0.42	1.50	79.86	-987.00	-904.04	-3.10	-285.69
1331	31	1669	10.48	3.21	-1.19	2.54	-0.52	-1.58	13.41	-684.55	-672.68	1.54	-90.24
		1658	6.79	3.26	-0.66	3.02	-0.42	-0.93	10.43	-438.41	-424.62	-3.37	-77.46
		1473	8.11	0.68	-3.21	-2.55	0.02	-1.46	80.54	-483.58	-368.33	-34.72	-227.45
		1486	11.93	0.51	-2.56	-2.15	0.10	-1.04	88.77	-737.72	-633.86	-15.09	-273.95
1331	63	1669	10.10	0.75	-0.75	0.27	-0.27	-0.70	12.79	-666.20	-655.46	2.05	-84.72
		1658	6.40	0.91	-0.47	0.64	-0.20	-0.54	10.74	-419.64	-407.07	-1.83	-72.47
		1473	7.78	0.90	-2.23	-1.79	0.46	-1.08	80.31	-464.62	-350.71	-33.61	-221.58
		1486	11.54	0.64	-1.42	-1.42	0.64	-0.10	84.74	-718.66	-616.52	-17.40	-267.63
1331	95	1669	10.07	0.59	-0.74	0.10	-0.25	-0.64	12.74	-664.81	-654.15	2.09	-84.30
		1658	6.37	0.75	-0.47	0.47	-0.19	-0.52	10.76	-418.22	-405.74	-1.72	-72.09
		1473	7.75	0.92	-2.16	-1.74	0.50	-1.06	80.29	-463.19	-349.37	-33.53	-221.14
		1486	11.51	0.68	-1.37	-1.37	0.68	-0.03	84.43	-717.22	-615.21	-17.58	-267.15
1332	8	1658	6.51	0.54	-3.31	-3.11	0.34	-0.85	20.58	-411.32	-400.47	9.74	-67.58
		1670	3.11	0.82	-2.43	-2.26	0.66	0.72	2.10	-200.72	-185.58	-13.04	-53.31
		1487	4.82	0.28	-0.93	-0.92	0.27	-0.11	75.76	-275.12	-140.75	-58.61	-170.57
		1473	8.24	2.66	-1.83	-0.55	1.38	-2.03	89.61	-487.39	-365.91	-31.88	-235.24
1332	40	1658	6.30	0.22	-2.19	-2.11	0.15	-0.42	16.44	-403.77	-393.46	6.14	-64.99
		1670	2.97	0.42	-1.27	-1.23	0.38	0.26	5.79	-191.78	-178.07	-7.91	-50.20
		1487	4.62	0.45	-1.28	-0.86	0.02	-0.74	77.47	-256.77	-126.04	-53.26	-163.11
		1473	7.92	1.72	-1.59	-0.91	1.05	-1.33	84.38	-471.72	-352.09	-35.25	-228.50
1332	72	1658	6.28	0.20	-2.11	-2.04	0.13	-0.39	16.12	-403.19	-392.93	5.86	-64.79
		1670	2.96	0.39	-1.18	-1.15	0.36	0.23	6.08	-191.10	-177.50	-7.52	-49.96
		1487	4.60	0.48	-1.32	-0.85	6.19e-03	-0.79	77.61	-255.38	-124.92	-52.85	-162.55
		1473	7.89	1.66	-1.57	-0.94	1.02	-1.28	83.98	-470.52	-351.04	-35.51	-227.99
1333	12	1670	2.66	0.54	-1.03	-1.00	0.51	-0.20	2.24	-172.25	-156.64	-13.36	-49.79
		1647	0.32	-0.60	-0.72	-0.60	-0.71	7.61e-03	4.45	-17.60	-0.98	-12.17	-9.50
		1462	2.07	0.12	-2.20	-0.42	-1.66	-0.98	47.59	-100.62	22.76	-75.80	-55.34
		1487	5.66	1.90	-2.42	-0.53	0.01	-2.14	108.48	-298.44	-135.90	-54.06	-199.30
1333	44	1670	2.55	0.29	-0.67	-0.67	0.29	-0.04	3.83	-165.37	-151.83	-9.71	-45.91
		1647	0.23	-0.12	-0.17	-0.16	-0.13	0.01	6.76	-10.80	3.93	-7.96	-6.46
		1462	1.97	-0.07	-1.43	-0.35	-1.15	-0.55	47.90	-96.25	24.71	-73.06	-52.96
		1487	5.50	1.29	-2.02	-0.48	-0.25	-1.65	103.42	-294.40	-133.97	-57.01	-195.15
1333	76	1670	2.54	0.28	-0.64	-0.64	0.27	-0.03	3.96	-164.85	-151.47	-9.43	-45.61
		1647	0.23	-0.08	-0.13	-0.13	-0.09	0.01	6.95	-10.30	4.30	-7.64	-6.22
		1462	1.96	-0.08	-1.38	-0.34	-1.12	-0.52	47.92	-95.91	24.86	-72.85	-52.77
		1487	5.49	1.24	-1.99	-0.48	-0.27	-1.61	103.04	-294.10	-133.82	-57.23	-194.84
1334	25	1684	0.24	-0.07	-0.78	-0.38	-0.47	0.35	10.65	-6.82	10.19	-6.36	2.82
		1723	2.76	-0.09	-0.65	-0.33	-0.41	0.28	18.35	-172.64	-155.40	1.11	54.72

		1724	6.83	1.64	-0.25	0.64	0.74	-0.94	121.89	-376.20	-136.33	-117.98	248.88
		1696	2.58	0.26	-0.31	0.08	-0.13	0.27	45.18	-143.48	20.47	-118.76	63.65
1334	57	1684	0.23	0.02	-0.48	-0.20	-0.26	0.25	14.12	-1.19	14.12	-1.19	-0.32
		1723	2.64	0.01	-0.35	-0.15	-0.19	0.18	14.58	-167.31	-151.86	-0.87	50.70
		1724	6.72	1.81	-0.28	0.57	0.96	-1.03	117.03	-371.02	-134.43	-119.56	243.91
		1696	2.46	0.24	-0.15	7.53e-03	0.08	0.19	45.06	-136.08	22.75	-113.78	59.52
1334	89	1684	0.23	0.03	-0.46	-0.18	-0.25	0.24	14.44	-0.82	14.42	-0.80	-0.56
		1723	2.63	0.02	-0.33	-0.14	-0.17	0.17	14.30	-166.90	-151.59	-1.01	50.40
		1724	6.71	1.82	-0.29	0.56	0.97	-1.03	116.67	-370.63	-134.28	-119.68	243.54
		1696	2.45	0.24	-0.14	2.54e-03	0.09	0.19	45.05	-135.53	22.93	-113.41	59.21
1335	25	1723	3.26	-0.30	-2.01	-1.46	-0.84	0.80	11.74	-205.85	-186.66	-7.45	61.70
		1685	6.72	0.16	-0.79	-0.30	-0.32	0.48	25.54	-433.34	-414.32	6.52	91.46
		1725	9.35	1.84	-0.99	0.39	0.47	-1.41	103.33	-558.43	-396.89	-58.21	284.26
		1724	6.25	0.17	-0.83	-0.82	0.17	-0.07	88.24	-364.98	-167.23	-109.52	224.77
1335	57	1723	3.02	-0.05	-1.05	-0.68	-0.41	0.48	14.31	-191.08	-174.55	-2.22	55.87
		1685	6.48	0.46	-0.19	0.42	-0.14	0.16	21.70	-419.70	-402.84	4.84	84.61
		1725	9.15	2.81	-1.03	1.09	0.69	-1.91	97.60	-544.44	-387.53	-59.30	275.90
		1724	6.06	0.95	-0.37	-0.05	0.63	-0.57	88.04	-349.80	-157.24	-104.52	217.33
1335	89	1723	3.00	-0.03	-0.98	-0.63	-0.38	0.46	14.50	-189.96	-173.62	-1.83	55.43
		1685	6.47	0.50	-0.16	0.47	-0.13	0.14	21.41	-418.66	-401.96	4.71	84.09
		1725	9.13	2.88	-1.03	1.14	0.70	-1.94	97.17	-543.37	-386.81	-59.39	275.27
		1724	6.05	1.02	-0.36	4.46e-03	0.66	-0.60	88.04	-348.65	-156.46	-104.15	216.77
1336	25	1685	7.03	-0.22	-2.67	-2.24	-0.65	0.94	16.28	-452.68	-431.97	-4.44	96.36
		1722	10.50	0.70	-0.93	-0.01	-0.22	0.81	24.10	-686.60	-667.57	5.07	114.72
		1726	12.99	2.04	-1.52	0.42	0.10	-1.77	106.81	-799.78	-662.30	-30.68	325.18
		1725	9.42	0.74	-1.55	-0.99	0.18	-0.99	90.18	-575.54	-417.18	-68.18	283.45
1336	57	1685	6.60	0.09	-0.84	-0.44	-0.30	0.46	17.68	-429.32	-411.10	-0.54	88.38
		1722	10.20	1.76	-0.10	1.72	-0.06	0.27	20.69	-664.09	-647.29	3.89	105.94
		1726	12.69	3.66	-1.54	1.82	0.30	-2.49	101.83	-776.54	-643.38	-31.33	315.01
		1725	9.15	2.14	-1.14	0.48	0.52	-1.64	90.11	-551.64	-397.66	-63.86	274.05
1336	89	1685	6.57	0.13	-0.72	-0.31	-0.28	0.43	17.79	-427.52	-409.49	-0.25	87.78
		1722	10.18	1.88	-0.08	1.85	-0.05	0.23	20.44	-662.36	-645.72	3.80	105.29
		1726	12.66	3.79	-1.55	1.93	0.32	-2.54	101.46	-774.75	-641.91	-31.39	314.25
		1725	9.13	2.25	-1.12	0.59	0.55	-1.69	90.12	-549.80	-396.14	-63.54	273.35
1337	25	1722	10.92	-0.05	-2.67	-2.34	-0.37	0.86	26.10	-706.58	-686.11	5.63	120.74
		1686	14.33	1.23	-0.91	0.38	-0.06	1.05	21.66	-944.37	-926.27	3.56	130.99
		1727	16.79	2.24	-1.75	0.63	-0.13	-1.96	107.93	-1052.97	-934.34	-10.70	351.64
		1726	13.21	1.63	-2.31	-0.84	0.16	-1.91	105.45	-818.30	-683.47	-29.38	326.15
1337	57	1722	10.31	0.83	-0.29	0.69	-0.14	0.38	21.84	-674.00	-656.05	3.88	110.33
		1686	13.99	3.42	-3.68e-03	3.38	0.04	0.37	18.77	-912.59	-896.80	2.98	120.23
		1727	16.37	4.39	-1.67	2.69	0.02	-2.72	103.55	-1019.76	-905.32	-10.89	339.79
		1726	12.78	3.31	-1.72	1.27	0.32	-2.47	100.48	-785.05	-653.86	-30.71	314.59
1337	89	1722	10.28	1.01	-0.23	0.91	-0.12	0.34	21.53	-671.49	-653.71	3.75	109.55
		1686	13.96	3.63	0.01	3.60	0.04	0.32	18.55	-910.14	-894.51	2.93	119.43
		1727	16.34	4.55	-1.67	2.85	0.03	-2.78	103.22	-1017.20	-903.06	-10.91	338.90
		1726	12.75	3.45	-1.70	1.42	0.33	-2.51	100.13	-782.49	-651.56	-30.81	313.72
1338	29	1686	14.71	0.03	-1.71	-1.37	-0.31	0.69	22.51	-964.04	-945.63	4.10	133.50
		1721	18.17	1.94	-0.62	1.37	-0.05	1.06	19.27	-1198.18	-1182.40	3.49	137.72
		1728	20.49	2.72	-1.74	1.34	-0.36	-2.06	103.96	-1301.04	-1202.14	5.06	359.41
		1727	17.07	2.45	-2.61	-0.07	-0.08	-2.53	107.06	-1072.71	-956.08	-9.57	352.14
1338	61	1686	14.11	2.64	-0.12	2.61	-0.09	0.28	19.33	-922.45	-906.10	2.98	123.01
		1721	17.74	5.39	0.03	5.36	0.05	0.38	16.81	-1157.39	-1143.48	2.90	127.03
		1728	19.96	5.19	-1.56	3.81	-0.18	-2.72	100.66	-1258.50	-1162.65	4.81	347.97
		1727	16.50	4.36	-1.91	2.40	0.04	-2.90	102.60	-1029.07	-916.20	-10.27	339.10
1338	93	1686	14.07	2.93	-0.09	2.90	-0.07	0.25	19.10	-919.24	-903.04	2.89	122.23
		1721	17.71	5.67	0.04	5.65	0.06	0.33	16.62	-1154.24	-1140.47	2.85	126.24
		1728	19.92	5.37	-1.55	3.99	-0.17	-2.76	100.41	-1255.22	-1159.59	4.78	347.12
		1727	16.45	4.51	-1.88	2.58	0.05	-2.93	102.28	-1025.71	-913.11	-10.32	338.13
1339	25	1721	18.51	0.36	-1.31	-0.62	-0.33	0.82	19.33	-1221.59	-1204.97	2.71	142.66
		1687	21.85	2.37	-0.64	1.85	-0.12	1.13	17.92	-1442.41	-1428.41	3.92	142.29
		1729	23.98	2.90	-0.85	1.63	0.43	-1.77	98.64	-1538.44	-1456.13	16.33	357.73
		1728	20.79	2.53	-2.41	0.36	-0.24	-2.45	102.70	-1324.07	-1227.01	5.64	359.25
1339	57	1721	17.88	4.49	-0.11	4.46	-0.08	0.34	16.93	-1168.99	-1154.35	2.28	130.98
		1687	21.31	7.02	3.49e-03	6.99	0.03	0.42	15.37	-1390.65	-1378.45	3.17	130.41
		1729	23.31	5.74	-0.92	4.69	0.13	-2.43	95.39	-1484.25	-1404.77	15.91	345.31
		1728	20.10	4.94	-1.69	3.38	-0.13	-2.82	99.59	-1269.42	-1174.99	5.17	346.92
1339	89	1721	17.83	4.86	-0.08	4.84	-0.06	0.31	16.75	-1164.91	-1150.40	2.25	130.12
		1687	21.27	7.39	0.02	7.37	0.04	0.37	15.17	-1386.63	-1374.56	3.10	129.53
		1729	23.26	5.96	-0.93	4.92	0.11	-2.47	95.15	-1480.05	-1400.76	15.87	344.39
		1728	20.04	5.14	-1.66	3.60	-0.12	-2.84	99.37	-1265.18	-1170.94	5.13	346.00
1340	25	1687	22.10	1.39	-0.88	0.84	-0.34	0.97	15.06	-1462.92	-1454.67	6.82	110.09
		1720	25.21	3.21	-0.56	2.92	-0.26	1.01	16.62	-1662.56	-1655.92	9.98	105.40
		1730	26.92	3.22	-0.59	2.28	0.35	-1.64	82.70	-1742.15	-1688.58	29.12	308.06
		1729	24.31	2.70	-1.83	1.20	-0.33	-2.13	96.90	-1560.93	-1479.77	15.74	357.71
1340	57	1687	21.44	6.58	-0.10	6.55	-0.08	0.42	14.01	-1400.72	-1390.93	4.22	117.29
		1720	24.55	8.75	-0.05	8.73	-0.03	0.38	14.00	-1600.71	-1592.78	6.07	112.90
		1730	26.20	6.43	-0.65	5.69	0.09	-2.17	84.03	-1681.48	-1623.02	25.58	315.89

		1729	23.46	5.61	-1.30	4.52	-0.22	-2.51	94.17	-1494.88	-1416.40	15.69	344.30
1340	89	1687	21.39	6.99	-0.08	6.97	-0.06	0.38	13.94	-1395.88	-1385.97	4.03	117.79
		1720	24.49	9.17	-0.03	9.16	-0.02	0.34	13.80	-1595.90	-1587.87	5.77	113.43
		1730	26.15	6.67	-0.66	5.94	0.07	-2.21	84.14	-1676.76	-1617.93	25.31	316.44
		1729	23.39	5.83	-1.28	4.77	-0.21	-2.54	93.98	-1489.75	-1411.46	15.69	343.31
1341	25	1720	25.48	2.82	-0.78	2.43	-0.38	1.12	13.86	-1683.40	-1676.41	6.87	108.68
		1688	28.14	4.32	-0.60	4.12	-0.40	0.98	16.41	-1853.87	-1848.34	10.88	101.59
		1731	29.65	3.56	-0.29	2.96	0.31	-1.40	76.74	-1925.87	-1882.76	33.63	290.64
		1730	27.23	2.94	-1.24	2.07	-0.36	-1.70	80.46	-1763.65	-1711.08	27.89	306.91
1341	57	1720	24.68	8.56	-0.13	8.53	-0.10	0.51	12.69	-1610.86	-1602.50	4.34	116.15
		1688	27.34	10.36	-0.11	10.35	-0.10	0.38	13.28	-1781.69	-1774.99	6.59	109.40
		1731	28.76	7.11	-0.41	6.62	0.08	-1.85	77.14	-1853.54	-1806.27	29.87	298.38
		1730	26.35	6.30	-0.93	5.62	-0.24	-2.11	82.62	-1691.57	-1634.00	25.05	314.38
1341	89	1720	24.62	9.01	-0.10	8.98	-0.08	0.46	12.61	-1605.22	-1596.76	4.15	116.67
		1688	27.28	10.82	-0.09	10.81	-0.08	0.34	13.05	-1776.08	-1769.29	6.27	109.95
		1731	28.69	7.38	-0.43	6.89	0.06	-1.89	77.18	-1847.93	-1800.34	29.59	298.92
		1730	26.28	6.55	-0.91	5.88	-0.24	-2.14	82.80	-1685.98	-1628.02	24.84	314.90
1342	25	1688	28.39	4.37	-0.79	4.03	-0.45	1.28	13.73	-1872.61	-1866.78	7.90	104.71
		1719	30.52	5.51	-0.64	5.36	-0.49	0.94	14.92	-2009.10	-2004.56	10.37	95.80
		1732	31.82	4.01	-0.09	3.65	0.28	-1.16	69.40	-2072.94	-2038.55	35.01	269.24
		1731	29.91	3.39	-0.15	2.94	0.30	-1.18	74.03	-1945.10	-1902.83	31.75	289.10
1342	57	1688	27.46	10.37	-0.16	10.34	-0.13	0.59	11.98	-1790.73	-1783.67	4.92	112.60
		1719	29.59	11.82	-0.16	11.81	-0.14	0.37	12.05	-1927.55	-1921.93	6.43	104.21
		1732	30.78	7.80	-0.24	7.48	0.08	-1.56	69.72	-1990.26	-1952.24	31.69	277.28
		1731	28.88	7.04	-0.33	6.64	0.07	-1.68	75.58	-1862.55	-1816.01	29.04	296.71
1342	89	1688	27.39	10.83	-0.13	10.80	-0.10	0.54	11.86	-1784.37	-1777.22	4.71	113.15
		1719	29.52	12.30	-0.13	12.29	-0.12	0.33	11.84	-1921.21	-1915.51	6.14	104.80
		1732	30.70	8.08	-0.25	7.76	0.06	-1.59	69.75	-1983.85	-1945.55	31.45	277.84
		1731	28.80	7.32	-0.35	6.91	0.05	-1.71	75.71	-1856.15	-1809.28	28.84	297.24
1343	25	1719	30.75	5.48	-0.35	5.27	-0.13	-1.11	13.44	-2024.79	-2020.01	8.66	98.55
		1689	32.31	6.74	-0.66	6.63	-0.54	0.92	14.38	-2124.17	-2120.51	10.71	88.49
		1733	33.40	4.54	0.06	4.34	0.25	-0.92	62.94	-2179.65	-2152.56	35.85	244.98
		1732	32.07	5.54	-1.47	3.47	0.60	-3.20	68.25	-2088.83	-2055.21	34.63	267.18
1343	57	1719	29.70	11.82	-4.47e-03	11.80	0.02	-0.50	11.30	-1935.06	-1929.13	5.37	107.24
		1689	31.26	13.14	-0.18	13.13	-0.17	0.37	11.34	-2034.70	-2030.01	6.65	97.84
		1733	32.24	8.47	-0.11	8.27	0.08	-1.28	63.11	-2088.42	-2058.04	32.74	253.84
		1732	30.90	8.17	-0.51	7.43	0.22	-2.42	68.95	-1997.68	-1960.31	31.59	275.37
1343	89	1719	29.62	12.30	0.01	12.28	0.03	-0.45	11.15	-1928.10	-1922.08	5.13	107.85
		1689	31.18	13.62	-0.15	13.61	-0.14	0.33	11.12	-2027.75	-2022.99	6.35	98.49
		1733	32.14	8.76	-0.13	8.56	0.07	-1.30	63.14	-2081.35	-2050.72	32.51	254.46
		1732	30.81	8.40	-0.49	7.72	0.19	-2.36	69.02	-1990.62	-1952.96	31.37	275.94
1344	25	1689	32.49	6.98	-0.31	6.78	-0.12	-1.18	13.61	-2136.04	-2132.19	9.77	90.82
		1718	33.45	8.00	-0.69	7.90	-0.59	0.93	13.14	-2196.46	-2193.57	10.25	79.85
		1734	34.35	5.14	0.12	5.06	0.20	-0.64	57.73	-2243.58	-2222.60	36.75	218.72
		1733	33.60	5.96	-1.05	4.32	0.60	-2.97	63.03	-2191.41	-2165.05	36.68	242.32
1344	57	1689	31.35	13.26	0.0	13.24	0.02	-0.52	10.91	-2040.34	-2035.38	5.95	100.69
		1718	32.31	14.34	-0.20	14.33	-0.19	0.38	10.35	-2100.90	-2097.01	6.46	90.57
		1734	33.09	9.11	-0.04	9.00	0.07	-1.00	57.63	-2145.94	-2121.90	33.59	228.92
		1733	32.33	8.83	-0.30	8.29	0.23	-2.15	62.98	-2093.88	-2064.10	33.21	251.66
1344	89	1689	31.26	13.73	0.01	13.71	0.03	-0.47	10.72	-2032.92	-2027.88	5.67	101.38
		1718	32.22	14.81	-0.17	14.80	-0.16	0.34	10.16	-2093.50	-2089.52	6.18	91.34
		1734	32.99	9.40	-0.05	9.29	0.06	-1.03	57.64	-2138.40	-2114.11	33.35	229.64
		1733	32.23	9.07	-0.28	8.58	0.21	-2.08	63.00	-2086.34	-2056.30	32.95	252.32
1345	25	1718	33.58	8.46	-0.34	8.28	-0.15	-1.26	12.92	-2203.93	-2200.91	9.90	81.79
		1690	33.93	9.31	-0.71	9.22	-0.61	0.97	12.35	-2224.33	-2222.12	10.14	70.36
		1735	34.65	5.78	0.08	5.76	0.10	-0.35	53.58	-2263.30	-2247.45	37.74	190.96
		1734	34.48	6.40	-0.76	5.12	0.51	-2.74	57.88	-2250.67	-2230.40	37.62	215.34
1345	57	1718	32.37	14.56	-0.02	14.54	2.60e-03	-0.55	10.16	-2104.41	-2100.30	6.04	93.24
		1690	32.72	15.44	-0.21	15.43	-0.20	0.40	9.61	-2124.82	-2121.61	6.40	82.74
		1735	33.32	9.70	-0.03	9.65	0.03	-0.73	53.21	-2161.63	-2142.87	34.46	202.96
		1734	33.15	9.45	-0.18	9.06	0.21	-1.89	57.57	-2149.20	-2125.72	34.09	226.40
1345	89	1718	32.28	15.01	-2.69e-03	15.00	0.01	-0.50	9.97	-2096.71	-2092.50	5.76	94.06
		1690	32.62	15.89	-0.18	15.88	-0.17	0.36	9.42	-2117.12	-2113.83	6.12	83.63
		1735	33.21	9.99	-0.04	9.93	0.02	-0.76	53.21	-2153.78	-2134.80	34.22	203.82
		1734	33.04	9.70	-0.17	9.35	0.18	-1.82	57.56	-2141.36	-2117.63	33.83	227.19
1346	25	1690	34.00	9.93	-0.27	9.75	-0.09	-1.34	12.81	-2227.05	-2224.74	10.49	71.96
		1717	33.67	10.33	-0.44	10.30	-0.40	-0.61	5.30	-2207.05	-2205.43	3.68	59.85
		1736	34.24	6.74	-0.14	6.32	0.28	-1.64	44.99	-2238.06	-2226.53	33.46	161.87
		1735	34.71	7.04	-0.49	6.01	0.54	-2.59	54.30	-2265.38	-2250.19	39.12	187.07
1346	57	1690	32.75	15.73	9.78e-03	15.71	0.03	-0.59	9.72	-2126.05	-2122.64	6.32	85.25
		1717	32.45	16.32	-0.12	16.31	-0.11	-0.33	5.98	-2105.91	-2103.30	3.36	74.31
		1736	32.90	10.30	-0.02	10.16	0.12	-1.20	47.32	-2134.89	-2120.57	33.00	176.16
		1735	33.35	10.08	-0.06	9.79	0.22	-1.68	53.45	-2162.52	-2144.28	35.21	200.21
1346	89	1690	32.65	16.16	0.02	16.14	0.04	-0.53	9.51	-2118.24	-2114.75	6.01	86.21
		1717	32.36	16.76	-0.09	16.75	-0.09	-0.30	6.04	-2098.10	-2095.39	3.34	75.35
		1736	32.79	10.57	-0.03	10.44	0.10	-1.17	47.51	-2126.93	-2112.40	32.97	177.19
		1735	33.24	10.33	-0.06	10.07	0.20	-1.62	53.41	-2154.59	-2136.11	34.93	201.16

1347	25	1717	33.74	11.41	-0.23	11.23	-0.05	-1.43	12.59	-2204.87	-2203.16	10.88	61.61
		1691	32.80	11.66	-0.43	11.61	-0.38	-0.81	5.24	-2144.60	-2143.47	4.10	49.48
		1737	33.20	7.44	-0.08	7.07	0.29	-1.62	42.70	-2167.83	-2159.85	34.72	132.58
		1736	34.27	7.72	-0.31	6.89	0.52	-2.44	51.71	-2235.05	-2224.08	40.74	157.98
1347	57	1717	32.48	16.81	0.03	16.78	0.05	-0.63	9.26	-2104.79	-2101.99	6.46	76.89
		1691	31.57	17.22	-0.11	17.21	-0.10	-0.41	5.60	-2044.24	-2042.12	3.49	65.83
		1737	31.87	10.81	0.01	10.70	0.12	-1.07	44.83	-2065.69	-2055.11	34.24	149.09
		1736	32.91	10.67	7.56e-03	10.46	0.22	-1.49	50.35	-2133.37	-2119.51	36.49	173.41
1347	89	1717	32.38	17.21	0.04	17.19	0.06	-0.57	9.03	-2097.06	-2094.17	6.13	77.99
		1691	31.47	17.63	-0.08	17.62	-0.07	-0.39	5.64	-2036.49	-2034.29	3.44	67.02
		1737	31.76	11.06	0.01	10.96	0.11	-1.03	45.01	-2057.83	-2047.03	34.21	150.30
		1736	32.81	10.90	0.01	10.72	0.20	-1.42	50.27	-2125.54	-2111.45	36.18	174.53
1348	25	1691	32.80	12.88	-0.18	12.70	2.28e-03	-1.51	12.28	-2137.61	-2136.39	11.07	51.09
		1716	31.26	12.98	-0.42	12.90	-0.33	-1.04	4.39	-2037.75	-2037.00	3.64	39.08
		1738	31.50	8.15	-5.35e-03	7.81	0.33	-1.63	40.79	-2053.28	-2048.18	35.69	103.22
		1737	33.17	8.42	-0.22	7.76	0.44	-2.30	50.05	-2159.81	-2152.31	42.55	128.55
1348	57	1691	31.57	17.78	0.05	17.76	0.07	-0.66	8.75	-2040.80	-2038.52	6.47	68.34
		1716	30.05	18.03	-0.09	18.01	-0.08	-0.52	4.84	-1940.52	-1938.83	3.15	57.28
		1738	30.21	11.24	0.06	11.16	0.14	-0.95	42.93	-1954.65	-1947.18	35.46	121.93
		1737	31.85	11.20	0.03	11.05	0.19	-1.30	48.18	-2061.80	-2051.61	37.99	146.27
1348	89	1691	31.47	18.14	0.06	18.12	0.08	-0.60	8.51	-2033.34	-2030.96	6.13	69.60
		1716	29.95	18.40	-0.07	18.38	-0.06	-0.48	4.89	-1933.02	-1931.25	3.11	58.60
		1738	30.11	11.48	0.05	11.41	0.13	-0.90	43.12	-1947.07	-1939.40	35.45	123.30
		1737	31.75	11.42	0.03	11.29	0.17	-1.23	48.07	-2054.26	-2043.85	37.66	147.57
1349	25	1716	31.19	14.23	-0.13	14.05	0.05	-1.57	11.94	-2026.23	-2025.41	11.13	40.75
		1692	29.06	14.18	-0.40	14.07	-0.29	-1.28	2.78	-1888.20	-1887.76	2.33	29.03
		1739	29.18	8.80	-0.53	8.49	-0.22	-1.68	39.20	-1895.97	-1893.10	36.32	74.51
		1738	31.42	9.10	-0.12	8.58	0.40	-2.13	49.25	-2040.55	-2035.82	44.53	99.29
1349	57	1716	30.01	18.61	0.07	18.58	0.10	-0.69	8.22	-1934.89	-1933.05	6.38	59.81
		1692	27.91	18.68	-0.07	18.66	-0.05	-0.63	3.68	-1796.31	-1794.98	2.35	48.87
		1739	27.95	11.58	-0.18	11.52	-0.12	-0.84	41.48	-1803.17	-1798.24	36.56	95.18
		1738	30.17	11.66	0.06	11.55	0.16	-1.10	46.83	-1948.52	-1941.38	39.69	119.15
1349	89	1716	29.92	18.93	0.08	18.91	0.10	-0.62	7.97	-1927.86	-1925.92	6.03	61.20
		1692	27.82	19.01	-0.05	18.99	-0.03	-0.58	3.77	-1789.24	-1787.83	2.36	50.32
		1739	27.85	11.79	-0.17	11.74	-0.12	-0.78	41.68	-1796.04	-1790.94	36.57	96.70
		1738	30.07	11.86	0.06	11.77	0.15	-1.03	46.68	-1941.45	-1934.10	39.34	120.61
1350	27	1692	28.93	15.24	-0.06	15.16	0.03	-1.13	12.43	-1871.74	-1870.89	11.59	39.96
		1715	26.24	15.03	-0.26	14.97	-0.19	-1.01	1.32	-1698.04	-1697.55	0.83	28.85
		1740	26.28	10.14	-0.42	10.01	-0.30	-1.13	38.68	-1697.93	-1696.08	36.83	56.67
		1739	29.07	10.44	0.19	10.24	0.40	-1.43	50.25	-1878.50	-1875.17	46.92	80.07
1350	59	1692	27.85	19.21	0.08	19.20	0.09	-0.48	8.17	-1788.38	-1786.65	6.44	55.73
		1715	25.19	19.08	-0.02	19.07	-2.19e-03	-0.50	2.68	-1614.08	-1612.81	1.42	45.18
		1740	25.13	12.21	-0.20	12.19	-0.19	-0.43	40.79	-1613.48	-1610.16	37.47	74.04
		1739	27.90	12.39	0.12	12.36	0.15	-0.64	46.74	-1794.86	-1789.75	41.63	96.86
1350	91	1692	27.76	19.50	0.08	19.49	0.09	-0.43	7.86	-1781.97	-1780.16	6.05	56.88
		1715	25.10	19.38	4.87e-04	19.37	0.01	-0.46	2.80	-1607.62	-1606.29	1.46	46.38
		1740	25.04	12.36	-0.19	12.35	-0.18	-0.38	40.97	-1607.00	-1603.55	37.52	75.32
		1739	27.81	12.54	0.11	12.51	0.13	-0.59	46.49	-1788.44	-1783.18	41.23	98.09
1351	27	1715	26.06	15.54	-0.04	15.46	0.03	-1.08	12.61	-1679.31	-1678.73	12.03	31.30
		1693	22.86	15.10	-0.24	15.01	-0.16	-1.16	-1.06	-1474.10	-1473.79	-1.36	21.13
		1741	22.74	9.37	-0.60	9.28	-0.52	-0.91	37.01	-1465.08	-1464.36	36.29	32.88
		1740	26.03	9.83	0.29	9.71	0.41	-1.06	50.66	-1677.67	-1676.00	49.00	53.64
1351	59	1715	25.10	19.35	0.08	19.34	0.10	-0.45	7.86	-1604.89	-1603.46	6.43	48.04
		1693	21.94	18.96	3.76e-03	18.95	0.02	-0.56	1.13	-1399.00	-1397.95	0.08	38.23
		1741	21.75	11.74	-0.33	11.74	-0.32	-0.13	39.41	-1390.20	-1388.36	37.57	51.26
		1740	25.01	12.10	0.13	12.09	0.13	-0.32	46.40	-1603.68	-1600.56	43.29	71.66
1351	91	1715	25.02	19.62	0.09	19.61	0.10	-0.40	7.52	-1599.19	-1597.68	6.01	49.27
		1693	21.87	19.24	0.02	19.23	0.03	-0.52	1.31	-1393.25	-1392.13	0.19	39.49
		1741	21.67	11.91	-0.31	11.91	-0.31	-0.07	39.61	-1384.46	-1382.52	37.67	52.61
		1740	24.93	12.27	0.11	12.26	0.11	-0.26	46.10	-1598.02	-1594.77	42.86	72.98
1352	27	1693	22.63	14.81	-0.03	14.75	0.02	-0.89	13.06	-1453.15	-1452.75	12.66	24.18
		1714	19.02	14.02	-0.23	13.93	-0.14	-1.15	-3.65	-1222.94	-1222.74	-3.85	15.50
		1742	18.79	8.92	-0.83	8.89	-0.81	-0.50	34.88	-1204.04	-1203.87	34.71	14.52
		1741	22.52	9.58	-0.40	9.55	-0.37	-0.59	51.16	-1442.61	-1441.98	50.54	30.59
1352	59	1693	21.83	18.86	0.09	18.86	0.10	-0.36	7.67	-1388.65	-1387.43	6.44	41.33
		1714	18.27	18.12	0.02	18.10	0.04	-0.55	-0.55	-1157.75	-1156.82	-1.48	32.81
		1742	17.96	11.32	-0.53	11.31	-0.52	0.34	37.61	-1139.77	-1138.83	36.67	33.25
		1741	21.64	11.89	-0.26	11.89	-0.26	0.10	46.06	-1379.24	-1377.54	44.36	49.21
1352	91	1693	21.77	19.16	0.10	19.15	0.10	-0.32	7.28	-1383.73	-1382.43	5.98	42.60
		1714	18.21	18.42	0.04	18.40	0.05	-0.51	-0.29	-1152.77	-1151.77	-1.30	34.08
		1742	17.90	11.50	-0.51	11.49	-0.50	0.40	37.84	-1134.87	-1133.85	36.81	34.63
		1741	21.57	12.06	-0.26	12.06	-0.25	0.15	45.69	-1374.41	-1372.61	43.89	50.58
1353	27	1714	19.52	28.14	-8.74e-03	28.04	0.09	-1.63	13.65	-1201.09	-1200.79	13.35	19.11
		1694	15.64	27.05	-0.36	26.90	-0.21	-2.03	-6.31	-955.54	-955.38	-6.47	12.54
		1743	14.56	7.86	-1.17	7.85	-1.16	0.32	32.23	-925.65	-925.63	32.21	4.35
		1742	18.57	8.80	-0.71	8.79	-0.71	0.21	51.27	-1180.85	-1180.71	51.14	13.02
1353	59	1714	18.49	24.64	0.12	24.62	0.14	-0.68	7.53	-1146.83	-1145.70	6.40	36.14

		1694	14.67	23.48	-0.02	23.44	0.02	-0.93	-2.23	-900.66	-899.69	-3.20	29.50
		1743	13.90	10.55	-0.86	10.45	-0.76	1.09	35.41	-872.39	-871.82	34.83	22.77
		1742	17.85	11.34	-0.53	11.29	-0.48	0.75	45.30	-1128.33	-1127.48	44.45	31.57
1353	91	1714	18.41	24.38	0.12	24.37	0.14	-0.62	7.10	-1142.72	-1141.50	5.88	37.39
		1694	14.59	23.22	8.49e-04	23.19	0.03	-0.85	-1.89	-896.51	-895.45	-2.95	30.75
		1743	13.85	10.75	-0.84	10.63	-0.73	1.14	35.68	-868.36	-867.72	35.03	24.14
		1742	17.79	11.52	-0.52	11.47	-0.46	0.79	44.87	-1124.35	-1123.42	43.94	32.94
1354	27	1694	15.38	28.04	-6.59e-03	27.96	0.07	-1.45	-3.63	-934.03	-933.76	-3.91	15.99
		1713	11.55	26.27	-0.35	26.18	-0.26	-1.56	-8.93	-686.54	-686.29	-9.19	13.12
		1744	10.72	15.64	-1.54	15.56	-1.46	1.18	29.84	-645.18	-645.13	29.79	5.84
		1743	14.80	16.61	-1.15	16.57	-1.11	0.88	50.63	-903.18	-903.16	50.61	4.18
1354	59	1694	14.54	24.00	0.13	23.98	0.14	-0.58	-0.95	-889.75	-888.55	-2.15	32.71
		1713	10.71	22.16	-0.02	22.14	5.70e-03	-0.68	-3.76	-641.90	-640.59	-5.08	28.96
		1744	10.00	13.71	-1.24	13.44	-0.97	1.98	33.87	-602.89	-602.05	33.03	23.06
		1743	14.00	14.63	-0.88	14.49	-0.75	1.44	44.00	-861.11	-860.59	43.47	21.75
1354	91	1694	14.47	23.70	0.13	23.69	0.14	-0.52	-0.72	-886.43	-885.13	-2.02	33.95
		1713	10.65	21.86	7.63e-03	21.84	0.03	-0.62	-3.34	-638.56	-637.13	-4.77	30.14
		1744	9.94	13.58	-1.23	13.29	-0.94	2.04	34.21	-599.73	-598.79	33.27	24.33
		1743	13.94	14.48	-0.86	14.34	-0.72	1.48	43.52	-857.95	-857.36	42.93	23.05
1355	27	1713	11.30	26.67	-0.09	26.58	-7.52e-03	-1.51	-5.69	-667.45	-667.29	-5.84	10.05
		1695	7.66	24.06	-0.32	24.01	-0.26	-1.16	-10.65	-435.26	-435.02	-10.88	10.03
		1745	6.78	15.05	-2.04	14.60	-1.59	2.75	31.48	-384.53	-384.06	31.01	13.94
		1744	10.63	15.98	-1.55	15.84	-1.41	1.55	50.84	-626.13	-626.13	50.84	-0.13
1355	59	1713	10.58	22.37	0.10	22.36	0.11	-0.58	-2.29	-631.87	-630.53	-3.64	29.06
		1695	6.94	19.68	-2.75e-03	19.67	7.94e-03	-0.46	-4.67	-399.84	-397.88	-6.64	27.79
		1745	6.19	13.02	-1.83	12.25	-1.07	3.28	37.02	-352.64	-349.86	34.24	32.80
		1744	9.93	13.95	-1.30	13.61	-0.97	2.25	43.42	-592.87	-592.28	42.82	19.39
1355	91	1713	10.52	22.06	0.11	22.05	0.12	-0.51	-1.99	-629.26	-627.77	-3.47	30.49
		1695	6.89	19.37	0.02	19.36	0.03	-0.41	-4.15	-397.26	-395.09	-6.32	29.12
		1745	6.15	12.87	-1.82	12.08	-1.03	3.32	37.52	-350.34	-347.30	34.48	34.21
		1744	9.88	13.81	-1.29	13.45	-0.93	2.30	42.90	-590.43	-589.75	42.22	20.85
1356	27	1695	7.41	23.82	-0.58	23.77	-0.53	1.11	-8.49	-418.24	-417.69	-9.04	15.01
		1712	4.24	20.02	-0.25	19.98	-0.21	-0.89	-12.13	-221.37	-220.07	-13.43	16.44
		1746	3.55	13.92	-2.32	12.87	-1.28	3.98	46.17	-172.67	-164.54	38.04	41.38
		1745	6.74	16.07	-3.21	14.74	-1.88	4.89	52.81	-368.49	-367.83	52.15	16.67
1356	59	1695	6.81	19.61	-0.15	19.59	-0.12	0.68	-3.29	-391.14	-388.54	-5.89	31.65
		1712	3.69	15.83	0.01	15.83	0.02	-0.29	-3.44	-196.02	-190.66	-8.81	31.68
		1746	3.18	12.00	-2.33	10.50	-0.83	4.38	58.43	-154.67	-137.89	41.66	57.39
		1745	6.15	13.63	-2.49	12.35	-1.21	4.36	46.89	-344.27	-341.40	44.02	33.40
1356	91	1695	6.77	19.31	-0.12	19.28	-0.09	0.64	-2.83	-389.19	-386.37	-5.66	32.90
		1712	3.65	15.53	0.03	15.53	0.03	-0.24	-2.66	-194.27	-188.48	-8.46	32.83
		1746	3.16	11.87	-2.34	10.33	-0.80	4.41	59.49	-153.48	-135.92	41.93	58.59
		1745	6.11	13.45	-2.44	12.18	-1.16	4.32	46.52	-342.55	-339.44	43.41	34.65
1357	17	1712	2.91	20.61	-0.61	20.43	-0.43	1.93	-9.93	-134.96	-129.73	-15.15	25.02
		1683	2.21	16.18	-0.23	16.15	-0.20	0.77	69.03	-68.66	21.67	-21.30	65.41
		1711	3.91	14.12	-3.13	11.56	-0.57	6.14	189.74	-51.58	64.97	73.19	120.59
		1746	2.62	16.27	-4.52	13.60	-1.84	6.96	71.65	-99.34	-83.34	55.65	49.80
1357	49	1712	3.07	16.12	-0.17	16.05	-0.10	1.10	-0.35	-156.81	-147.39	-9.77	37.22
		1683	1.64	11.71	-0.04	11.68	-0.02	0.51	48.76	-62.10	0.41	-13.76	54.98
		1711	3.48	11.49	-2.95	8.76	-0.22	5.65	166.19	-52.33	45.56	68.30	108.66
		1746	2.75	13.25	-3.49	10.86	-1.10	5.86	71.54	-121.13	-99.41	49.82	60.94
1357	81	1712	3.09	15.80	-0.14	15.73	-0.07	1.04	0.40	-158.44	-148.69	-9.36	38.13
		1683	1.60	11.38	-0.03	11.36	-7.34e-03	0.49	47.34	-61.69	-1.16	-13.19	54.18
		1711	3.45	11.30	-2.94	8.56	-0.20	5.62	164.44	-52.39	44.12	67.93	107.76
		1746	2.76	13.03	-3.42	10.66	-1.05	5.78	71.55	-122.76	-100.59	49.38	61.77
1358	25	1696	2.68	-0.37	-2.29	-0.75	-1.91	0.76	52.68	-139.79	18.24	-105.35	73.78
		1724	6.54	-0.03	-0.65	-0.29	-0.39	-0.30	123.41	-359.49	-126.54	-109.53	241.30
		1747	10.45	2.87	-0.51	0.27	2.09	-1.43	308.82	-479.48	-92.13	-78.52	394.09
		1697	3.55	1.88	-0.51	0.08	1.29	1.03	113.96	-153.73	28.61	-68.38	124.75
1358	57	1696	2.59	-0.06	-0.98	-0.35	-0.69	0.43	48.04	-141.00	21.83	-114.79	65.33
		1724	6.37	1.11	-0.47	0.06	0.58	-0.75	111.08	-353.51	-123.23	-119.20	232.29
		1747	10.25	4.04	-0.85	0.18	3.01	-1.99	295.12	-472.97	-90.54	-87.32	384.04
		1697	3.33	2.59	-0.15	-0.03	2.46	0.58	104.09	-150.18	30.84	-76.92	115.15
1358	89	1696	2.59	-0.03	-0.89	-0.32	-0.60	0.41	47.74	-141.13	22.10	-115.48	64.70
		1724	6.36	1.20	-0.46	0.09	0.66	-0.78	110.17	-353.06	-122.98	-119.91	231.61
		1747	10.23	4.12	-0.88	0.17	3.07	-2.04	294.10	-472.47	-90.41	-87.97	383.28
		1697	3.32	2.66	-0.14	-0.03	2.55	0.55	103.37	-149.92	31.01	-77.55	114.42
1359	29	1724	6.12	-0.76	-1.56	-1.20	-1.12	0.40	93.99	-349.06	-162.17	-92.90	218.80
		1725	8.81	0.66	-0.80	0.14	-0.29	-0.70	91.06	-532.97	-390.87	-51.05	261.69
		1748	11.46	3.17	-0.42	1.58	1.16	-1.78	237.57	-606.14	-352.68	-15.89	386.78
		1747	9.18	1.38	0.79	0.91	1.26	-0.23	257.98	-439.04	-120.22	-60.84	347.24
1359	61	1724	5.77	0.37	-0.50	-0.30	0.18	-0.36	81.53	-335.40	-151.05	-102.82	207.06
		1725	8.51	2.26	-0.86	0.90	0.51	-1.55	75.73	-517.10	-380.64	-60.73	249.55
		1748	11.12	4.61	-1.43	1.21	1.97	-2.99	220.65	-589.57	-344.42	-24.50	372.19
		1747	8.90	3.22	-0.17	0.50	2.55	-1.35	243.27	-424.07	-111.05	-69.76	333.03
1359	93	1724	5.75	0.51	-0.47	-0.23	0.27	-0.42	80.62	-334.38	-150.20	-103.56	206.18
		1725	8.49	2.38	-0.86	0.95	0.57	-1.61	74.58	-515.90	-379.86	-61.46	248.65

		1748	11.10	4.72	-1.51	1.19	2.02	-3.08	219.39	-588.31	-343.78	-25.14	371.09
		1747	8.88	3.35	-0.24	0.47	2.64	-1.43	242.18	-422.94	-110.34	-70.42	331.96
1360	29	1725	9.04	-0.36	-1.21	-1.13	-0.44	-0.26	89.64	-552.00	-412.58	-49.79	264.62
		1726	12.43	1.09	-0.87	0.48	-0.25	-0.91	92.61	-773.69	-657.81	-23.26	294.88
		1749	14.52	2.27	-1.82	0.16	0.30	-2.04	215.21	-833.37	-636.28	18.12	409.66
		1748	11.49	1.76	-1.59	-0.89	1.06	-1.36	233.49	-616.92	-371.21	-12.22	385.47
1360	61	1725	8.62	1.65	-0.90	0.34	0.41	-1.27	74.60	-527.34	-392.36	-60.38	251.05
		1726	12.04	3.24	-1.12	1.82	0.30	-2.04	79.16	-748.40	-638.39	-30.86	280.96
		1749	14.11	4.45	-2.56	1.04	0.85	-3.50	200.67	-807.81	-618.65	11.50	393.68
		1748	11.09	3.85	-1.86	0.12	1.87	-2.71	217.79	-592.46	-352.78	-21.89	369.81
1360	93	1725	8.59	1.81	-0.88	0.45	0.47	-1.34	73.49	-525.46	-390.80	-61.17	250.04
		1726	12.01	3.39	-1.13	1.92	0.34	-2.12	78.15	-746.48	-636.90	-31.43	279.92
		1749	14.08	4.61	-2.62	1.10	0.89	-3.61	199.58	-805.86	-617.28	11.00	392.48
		1748	11.06	4.01	-1.88	0.19	1.93	-2.81	216.64	-590.61	-351.35	-22.61	368.64
1361	29	1726	12.70	0.49	-1.53	-0.70	-0.34	-0.99	93.12	-794.45	-679.02	-22.31	298.55
		1727	16.29	1.43	-1.12	0.89	-0.59	-1.03	94.69	-1028.93	-931.10	-3.14	316.78
		1750	18.20	2.26	-2.59	0.34	-0.67	-2.37	198.71	-1091.63	-935.35	42.43	420.98
		1749	14.82	2.43	-2.57	-0.47	0.33	-2.47	214.99	-853.38	-659.13	20.74	412.06
1361	61	1726	12.18	2.84	-1.29	1.30	0.24	-2.00	79.24	-759.14	-649.10	-30.80	283.10
		1727	15.79	4.06	-1.27	2.84	-0.05	-2.24	83.11	-994.02	-901.86	-9.06	301.30
		1750	17.66	4.51	-3.12	1.52	-0.13	-3.72	186.18	-1055.77	-907.07	37.48	403.19
		1749	14.25	4.44	-2.80	0.78	0.85	-3.62	200.58	-817.45	-630.01	13.15	394.57
1361	93	1726	12.14	3.02	-1.28	1.45	0.29	-2.07	78.21	-756.43	-646.79	-31.43	281.94
		1727	15.75	4.25	-1.28	2.98	-9.28e-03	-2.33	82.24	-991.35	-899.60	-9.51	300.14
		1750	17.62	4.67	-3.16	1.61	-0.10	-3.82	185.24	-1053.02	-904.88	37.10	401.86
		1749	14.21	4.59	-2.82	0.88	0.89	-3.71	199.52	-814.69	-627.76	12.58	393.25
1362	29	1727	16.60	1.06	-1.69	-0.03	-0.60	-1.35	95.67	-1050.98	-953.47	-1.84	319.85
		1728	20.04	1.81	-1.03	1.43	-0.66	-0.96	91.01	-1280.73	-1200.83	11.10	321.29
		1751	21.84	2.33	-2.72	0.76	-1.15	-2.34	176.77	-1348.95	-1228.94	56.76	410.73
		1750	18.57	2.69	-3.10	0.22	-0.63	-2.86	198.85	-1115.05	-960.73	44.53	423.02
1362	61	1727	15.95	3.81	-1.43	2.44	-0.06	-2.30	83.49	-1005.06	-912.99	-8.59	302.91
		1728	19.46	4.83	-1.13	3.90	-0.20	-2.16	82.61	-1236.57	-1160.93	6.97	306.70
		1751	21.18	4.50	-3.14	2.03	-0.67	-3.57	168.08	-1303.25	-1188.54	53.38	394.48
		1750	17.84	4.64	-3.26	1.50	-0.12	-3.87	186.06	-1067.36	-919.81	38.52	403.94
1362	93	1727	15.90	4.01	-1.42	2.62	-0.02	-2.37	82.58	-1001.54	-909.85	-9.10	301.64
		1728	19.41	5.05	-1.13	4.08	-0.16	-2.25	81.98	-1233.17	-1157.84	6.64	305.61
		1751	21.13	4.66	-3.17	2.13	-0.64	-3.66	167.43	-1299.73	-1185.41	53.11	393.26
		1750	17.78	4.78	-3.27	1.59	-0.08	-3.94	185.12	-1063.69	-916.64	38.06	402.51
1363	29	1728	20.37	1.83	-1.53	0.72	-0.43	-1.57	91.69	-1303.50	-1223.92	12.10	323.58
		1729	23.60	2.20	-0.50	2.07	-0.37	-0.59	86.09	-1519.97	-1454.06	20.19	318.59
		1752	25.30	2.57	-2.56	1.06	-1.05	-2.34	156.25	-1592.72	-1499.09	62.62	393.69
		1751	22.24	3.03	-3.25	0.68	-0.89	-3.04	177.33	-1374.03	-1255.19	58.49	412.60
1363	61	1728	19.62	4.75	-1.25	3.60	-0.10	-2.36	82.85	-1247.80	-1172.30	7.35	307.84
		1729	22.89	5.55	-0.71	4.96	-0.12	-1.83	79.75	-1465.33	-1403.40	17.81	303.09
		1752	24.48	4.54	-2.86	2.43	-0.76	-3.34	149.76	-1535.12	-1446.29	60.93	376.53
		1751	21.37	4.76	-3.29	2.02	-0.55	-3.82	168.08	-1315.44	-1201.45	54.09	395.10
1363	93	1728	19.56	4.97	-1.23	3.81	-0.07	-2.42	82.20	-1243.51	-1168.30	6.99	306.67
		1729	22.84	5.80	-0.73	5.17	-0.10	-1.92	79.27	-1461.12	-1399.47	17.61	301.94
		1752	24.41	4.68	-2.89	2.53	-0.74	-3.41	149.27	-1530.68	-1442.19	60.79	375.26
		1751	21.30	4.89	-3.29	2.12	-0.52	-3.87	167.39	-1310.92	-1197.29	53.76	393.80
1364	25	1729	23.94	2.10	-1.08	1.24	-0.22	-1.41	85.27	-1544.48	-1479.10	19.89	319.80
		1730	26.82	2.57	-0.35	2.35	-0.12	-0.79	81.32	-1736.94	-1683.41	27.79	307.37
		1753	28.35	2.67	-1.44	1.01	0.21	-2.02	137.74	-1810.81	-1738.56	65.48	368.19
		1752	25.69	2.84	-3.01	0.71	-0.88	-2.82	155.80	-1619.30	-1526.99	63.50	394.11
1364	57	1729	23.06	5.43	-0.89	4.60	-0.05	-2.14	79.28	-1477.29	-1415.59	17.58	303.71
		1730	25.97	6.25	-0.50	5.77	-0.02	-1.74	75.68	-1670.92	-1620.84	25.60	291.49
		1753	27.37	4.47	-2.04	2.64	-0.21	-2.93	132.42	-1740.54	-1672.27	64.15	351.02
		1752	24.66	4.60	-2.98	2.30	-0.68	-3.49	149.31	-1547.87	-1459.78	61.21	376.50
1364	89	1729	22.99	5.68	-0.88	4.84	-0.04	-2.19	78.84	-1472.08	-1410.64	17.40	302.51
		1730	25.90	6.52	-0.51	6.03	-0.01	-1.80	75.25	-1665.80	-1615.96	25.42	290.32
		1753	27.29	4.61	-2.09	2.76	-0.24	-2.99	132.01	-1735.10	-1667.11	64.03	349.74
		1752	24.58	4.73	-2.98	2.41	-0.67	-3.53	148.83	-1542.35	-1454.55	61.03	375.19
1365	25	1730	26.91	2.58	-0.64	2.08	-0.13	-1.17	69.39	-1749.84	-1712.23	31.78	258.86
		1731	29.42	3.15	-0.05	3.02	0.08	-0.63	70.65	-1914.30	-1884.29	40.64	242.19
		1754	30.76	2.47	-1.31	1.11	0.04	-1.81	113.92	-1984.95	-1944.94	73.91	287.01
		1753	28.73	2.61	-2.66	0.84	-0.89	-2.49	135.35	-1834.91	-1763.28	63.72	368.77
1365	57	1730	26.01	6.22	-0.57	5.68	-0.03	-1.84	69.84	-1677.11	-1634.60	27.32	269.19
		1731	28.50	7.01	-0.23	6.70	0.08	-1.47	68.03	-1841.56	-1807.57	34.04	252.49
		1754	29.71	4.34	-1.70	2.90	-0.26	-2.57	113.20	-1907.77	-1862.87	68.30	297.88
		1753	27.55	4.42	-2.55	2.59	-0.72	-3.07	131.12	-1752.01	-1684.10	63.21	351.11
1365	89	1730	25.94	6.49	-0.57	5.95	-0.02	-1.89	69.88	-1671.47	-1628.58	26.98	269.93
		1731	28.43	7.30	-0.24	6.97	0.08	-1.53	67.84	-1835.91	-1801.61	33.54	253.22
		1754	29.63	4.48	-1.74	3.03	-0.29	-2.63	113.16	-1901.80	-1856.51	67.87	298.66
		1753	27.45	4.56	-2.55	2.71	-0.71	-3.11	130.81	-1745.60	-1677.95	63.16	349.80
1366	25	1731	29.69	3.16	-0.34	2.94	-0.12	-0.85	66.85	-1933.98	-1904.04	36.90	242.94
		1732	31.66	3.77	0.10	3.71	0.16	-0.48	67.99	-2063.59	-2039.99	44.40	223.02
		1755	32.87	2.28	-1.09	1.19	1.28e-03	-1.58	103.99	-2131.95	-2101.84	73.88	257.73

		1754	31.04	2.59	-1.53	0.95	0.12	-2.02	110.46	-2006.38	-1966.38	70.46	288.21
1366	57	1731	28.63	7.01	-0.33	6.69	-0.02	-1.49	66.17	-1851.00	-1817.02	32.19	252.96
		1732	30.59	7.75	-0.06	7.56	0.13	-1.22	64.10	-1980.70	-1953.74	37.14	233.25
		1755	31.64	4.24	-1.34	3.14	-0.24	-2.22	101.89	-2043.33	-2009.34	67.90	267.89
		1754	29.84	4.32	-1.71	2.85	-0.23	-2.59	111.45	-1917.92	-1873.07	66.60	298.33
1366	89	1731	28.55	7.29	-0.33	6.97	-0.01	-1.54	66.13	-1844.57	-1810.27	31.84	253.67
		1732	30.51	8.05	-0.07	7.84	0.13	-1.27	63.82	-1974.27	-1947.05	36.60	233.98
		1755	31.55	4.39	-1.36	3.28	-0.26	-2.26	101.74	-2036.48	-2002.19	67.45	268.60
		1754	29.75	4.46	-1.73	2.99	-0.26	-2.63	111.54	-1911.09	-1865.87	66.31	299.05
1367	25	1732	31.90	3.86	-0.29	3.81	-0.24	-0.46	64.86	-2079.81	-2056.33	41.38	223.16
		1733	33.29	4.44	0.21	4.42	0.23	-0.29	64.83	-2172.04	-2153.85	46.64	200.89
		1756	34.36	2.11	-0.78	1.32	2.32e-03	-1.29	94.08	-2236.65	-2214.59	72.02	225.66
		1755	33.10	2.21	-1.04	1.15	0.02	-1.52	100.84	-2149.22	-2119.26	70.87	257.93
1367	57	1732	30.70	7.80	-0.22	7.64	-0.06	-1.13	62.58	-1988.44	-1961.51	35.65	233.46
		1733	32.09	8.47	0.07	8.35	0.18	-0.96	60.09	-2080.77	-2059.61	38.93	211.82
		1756	33.00	4.18	-0.99	3.39	-0.20	-1.85	91.90	-2138.84	-2113.54	66.61	236.17
		1755	31.75	4.16	-1.26	3.15	-0.24	-2.11	100.31	-2051.49	-2017.61	66.43	267.87
1367	89	1732	30.61	8.09	-0.22	7.92	-0.05	-1.17	62.42	-1981.37	-1954.17	35.23	234.18
		1733	32.00	8.76	0.06	8.64	0.18	-1.01	59.75	-2073.71	-2052.31	38.35	212.60
		1756	32.89	4.33	-1.00	3.54	-0.22	-1.89	91.75	-2131.29	-2105.75	66.21	236.92
		1755	31.65	4.31	-1.28	3.29	-0.26	-2.15	100.29	-2043.95	-2009.77	66.10	268.58
1368	25	1733	33.47	4.72	0.17	4.72	0.17	0.05	62.65	-2184.04	-2166.05	44.66	200.28
		1734	34.27	5.19	0.27	5.19	0.27	-5.17e-03	59.60	-2237.42	-2223.82	46.00	176.23
		1757	35.22	1.93	-0.43	1.54	-0.04	-0.88	87.61	-2297.39	-2281.96	72.18	191.19
		1756	34.54	1.87	-0.48	1.42	-0.03	-0.92	93.55	-2249.07	-2227.31	71.78	224.73
1368	57	1733	32.18	8.59	0.08	8.52	0.15	-0.73	59.03	-2086.48	-2065.39	37.94	211.68
		1734	32.98	9.15	0.16	9.10	0.21	-0.68	55.45	-2139.87	-2123.52	39.10	188.76
		1757	33.75	4.15	-0.67	3.67	-0.18	-1.45	84.90	-2192.88	-2174.61	66.63	203.17
		1756	33.08	4.07	-0.82	3.47	-0.22	-1.60	91.59	-2144.69	-2119.58	66.48	235.64
1368	89	1733	32.08	8.87	0.07	8.80	0.14	-0.78	58.77	-2078.94	-2057.60	37.44	212.49
		1734	32.87	9.44	0.15	9.39	0.21	-0.73	55.15	-2132.33	-2115.76	38.58	189.66
		1757	33.64	4.31	-0.69	3.82	-0.20	-1.49	84.71	-2184.82	-2166.33	66.22	204.02
		1756	32.97	4.23	-0.85	3.62	-0.24	-1.65	91.46	-2136.65	-2111.28	66.08	236.41
1369	25	1734	34.41	6.91	-1.12	5.08	0.70	-3.37	60.34	-2244.68	-2231.32	46.97	175.03
		1735	34.61	5.94	-0.49	5.92	-0.47	0.36	56.41	-2258.40	-2248.65	46.66	149.93
		1758	35.43	1.86	-0.16	1.81	-0.11	-0.31	82.51	-2313.24	-2303.21	72.49	154.67
		1757	35.35	5.22	-3.44	1.23	0.55	-4.31	88.21	-2304.54	-2289.50	73.16	189.14
1369	57	1734	33.04	9.59	-0.10	9.08	0.40	-2.15	55.76	-2143.31	-2127.05	39.51	188.36
		1735	33.24	9.77	-0.13	9.76	-0.12	-0.38	52.20	-2156.89	-2144.54	39.85	164.68
		1758	33.90	4.16	-0.41	3.94	-0.19	-0.98	79.89	-2204.64	-2192.05	67.30	169.11
		1757	33.81	5.24	-1.60	3.55	0.08	-2.95	85.13	-2196.23	-2178.19	67.08	202.11
1369	89	1734	32.94	9.82	-0.07	9.38	0.38	-2.06	55.44	-2135.48	-2119.00	38.96	189.31
		1735	33.14	10.06	-0.11	10.04	-0.09	-0.43	51.90	-2149.05	-2136.50	39.35	165.74
		1758	33.78	4.33	-0.43	4.10	-0.20	-1.03	79.71	-2196.28	-2183.49	66.92	170.16
		1757	33.70	5.27	-1.50	3.72	0.04	-2.84	84.92	-2187.90	-2169.61	66.63	203.04
1370	25	1735	34.67	7.52	-1.49	5.96	0.07	-3.41	56.60	-2260.62	-2251.12	47.10	148.07
		1736	34.26	7.33	-1.17	6.27	-0.11	-2.80	52.93	-2234.37	-2227.81	46.37	122.34
		1759	34.98	4.43	-2.57	1.64	0.22	-3.43	80.36	-2283.75	-2277.94	74.56	117.01
		1758	35.47	5.16	-3.29	1.54	0.33	-4.18	82.90	-2314.88	-2305.25	73.26	151.69
1370	57	1735	33.27	10.22	-0.29	9.81	0.12	-2.03	52.26	-2157.91	-2145.68	40.03	163.96
		1736	32.87	10.45	-0.23	10.18	0.05	-1.70	49.26	-2131.32	-2122.32	40.26	139.81
		1759	33.42	4.97	-1.01	3.99	-0.03	-2.22	77.57	-2173.74	-2165.68	69.51	134.47
		1758	33.92	5.22	-1.38	3.84	2.75e-03	-2.68	80.02	-2205.38	-2193.02	67.66	167.62
1370	89	1735	33.17	10.45	-0.24	10.09	0.12	-1.93	51.96	-2149.99	-2137.54	39.50	165.11
		1736	32.76	10.71	-0.19	10.46	0.06	-1.62	49.01	-2123.37	-2114.17	39.81	141.08
		1759	33.30	5.05	-0.94	4.16	-0.05	-2.13	77.39	-2165.29	-2157.04	69.14	135.74
		1758	33.80	5.26	-1.27	4.01	-0.02	-2.57	79.83	-2196.97	-2184.39	67.25	168.77
1371	25	1736	34.25	8.30	-1.34	6.83	0.14	-3.47	53.95	-2231.45	-2225.12	47.62	120.10
		1737	33.24	8.12	-1.14	7.02	-0.05	-2.99	50.70	-2165.33	-2161.31	46.69	94.26
		1760	33.86	4.65	-2.50	1.88	0.27	-3.48	81.00	-2208.91	-2206.20	78.29	78.77
		1759	34.94	5.28	-3.07	1.85	0.35	-4.11	81.66	-2279.82	-2274.36	76.19	113.47
1371	57	1736	32.86	10.82	-0.19	10.47	0.16	-1.94	49.71	-2129.89	-2121.00	40.83	138.91
		1737	31.85	10.97	-0.18	10.71	0.08	-1.67	47.33	-2063.21	-2056.97	41.09	114.57
		1760	32.33	5.03	-0.84	4.19	-1.39e-03	-2.05	77.87	-2100.16	-2095.60	73.32	99.53
		1759	33.41	5.26	-1.12	4.11	0.02	-2.45	78.14	-2171.84	-2163.99	70.28	132.71
1371	89	1736	32.76	11.04	-0.15	10.73	0.16	-1.82	49.42	-2122.07	-2112.97	40.32	140.28
		1737	31.75	11.20	-0.13	10.98	0.09	-1.57	47.10	-2055.34	-2048.92	40.68	116.06
		1760	32.21	5.10	-0.76	4.36	-0.02	-1.94	77.67	-2091.81	-2087.09	72.95	101.05
		1759	33.29	5.30	-1.02	4.28	1.20e-03	-2.33	77.90	-2163.55	-2155.50	69.85	134.12
1372	25	1737	33.16	9.12	-1.22	7.69	0.21	-3.57	52.44	-2157.36	-2153.53	48.61	91.87
		1738	31.56	8.93	-1.18	7.75	5.82e-03	-3.25	49.72	-2051.97	-2049.88	47.63	66.24
		1761	32.11	4.96	-2.46	2.13	0.37	-3.60	85.53	-2089.23	-2088.46	84.77	40.72
		1760	33.75	5.44	-2.90	2.17	0.38	-4.07	82.78	-2199.53	-2197.06	80.32	74.96
1372	57	1737	31.82	11.36	-0.12	11.05	0.19	-1.86	48.12	-2059.36	-2053.22	41.98	113.61
		1738	30.22	11.41	-0.14	11.17	0.10	-1.67	46.32	-1953.17	-1949.17	42.32	89.32
		1761	30.62	5.09	-0.69	4.37	0.03	-1.91	81.34	-1984.30	-1982.27	79.31	64.72
		1760	32.27	5.31	-0.92	4.35	0.04	-2.24	78.67	-2095.66	-2091.27	74.28	97.64

1372	89	1737	31.71	11.56	-0.07	11.30	0.19	-1.73	47.83	-2051.83	-2045.49	41.49	115.21
		1738	30.11	11.62	-0.10	11.42	0.11	-1.55	46.09	-1945.58	-1941.41	41.93	91.02
		1761	30.51	5.15	-0.61	4.53	4.92e-03	-1.79	81.06	-1976.26	-1974.11	78.91	66.49
		1760	32.16	5.35	-0.82	4.51	0.02	-2.11	78.39	-2087.70	-2083.14	73.83	99.31
1373	27	1738	30.78	10.29	-0.38	9.61	0.30	-2.61	53.01	-1992.25	-1989.75	50.51	71.48
		1739	28.53	10.14	-0.53	9.54	0.06	-2.46	41.75	-1848.65	-1847.53	40.62	46.14
		1762	28.97	4.66	-1.85	3.19	-0.38	-2.72	82.65	-1877.46	-1877.40	82.58	11.05
		1761	31.94	5.15	-1.41	3.27	0.48	-2.97	87.73	-2073.53	-2072.45	86.66	48.15
1373	59	1738	29.84	12.20	0.10	12.06	0.23	-1.28	47.97	-1924.75	-1920.46	43.68	91.93
		1739	27.63	12.16	8.51e-03	12.05	0.12	-1.16	42.44	-1780.22	-1777.69	39.91	67.90
		1762	27.96	5.19	-0.65	4.90	-0.35	-1.29	82.84	-1804.17	-1803.55	82.22	34.09
		1761	30.54	5.36	-0.37	4.92	0.07	-1.53	82.47	-1976.93	-1974.67	80.21	68.13
1373	91	1738	29.77	12.35	0.11	12.24	0.23	-1.18	47.61	-1919.64	-1915.20	43.17	93.43
		1739	27.56	12.32	0.03	12.23	0.12	-1.06	42.52	-1775.04	-1772.38	39.86	69.50
		1762	27.89	5.27	-0.60	5.02	-0.35	-1.18	82.87	-1798.63	-1797.95	82.19	35.79
		1761	30.44	5.42	-0.33	5.04	0.04	-1.42	82.09	-1969.52	-1967.16	79.73	69.59
1374	27	1739	29.09	10.82	-0.40	10.13	0.29	-2.70	53.34	-1877.88	-1876.68	52.15	47.95
		1740	26.28	10.57	-0.72	9.91	-0.05	-2.65	39.11	-1698.48	-1698.15	38.78	23.94
		1763	26.66	4.90	-2.14	3.46	-0.70	-2.83	88.99	-1718.75	-1718.51	88.75	-20.58
		1762	29.51	5.25	-1.93	3.60	-0.28	-3.02	95.22	-1905.06	-1905.00	95.15	11.55
1374	59	1739	27.89	12.46	0.10	12.35	0.22	-1.19	47.85	-1794.07	-1791.48	45.27	68.89
		1740	25.13	12.28	-0.06	12.19	0.04	-1.09	40.96	-1613.51	-1612.24	39.68	45.95
		1763	25.41	5.25	-0.79	5.04	-0.58	-1.11	89.91	-1629.50	-1629.49	89.91	3.19
		1762	28.22	5.43	-0.63	5.11	-0.31	-1.35	88.71	-1817.32	-1816.71	88.10	34.21
1374	91	1739	27.80	12.60	0.12	12.51	0.21	-1.08	47.46	-1787.64	-1784.93	44.75	70.43
		1740	25.04	12.43	-0.03	12.35	0.05	-0.98	41.13	-1607.00	-1605.63	39.75	47.57
		1763	25.32	5.32	-0.74	5.15	-0.57	-0.98	90.01	-1622.67	-1622.66	90.00	4.94
		1762	28.12	5.48	-0.58	5.22	-0.32	-1.23	88.24	-1810.61	-1809.93	87.57	35.88
1375	27	1740	26.08	10.16	-0.50	9.50	0.16	-2.56	55.91	-1678.11	-1677.80	55.60	23.22
		1741	22.73	9.75	-0.98	9.09	-0.33	-2.57	35.07	-1466.71	-1466.70	35.07	1.69
		1764	23.10	5.04	-2.48	3.82	-1.26	-2.77	97.50	-1474.72	-1473.03	95.82	-51.46
		1763	26.48	5.38	-2.00	3.99	-0.61	-2.89	106.96	-1695.63	-1695.35	106.67	-22.62
1375	59	1740	25.03	12.12	0.05	12.04	0.13	-0.97	48.83	-1603.63	-1602.36	47.56	45.71
		1741	21.75	11.76	-0.19	11.70	-0.13	-0.85	38.63	-1390.86	-1390.42	38.19	25.01
		1764	22.00	5.32	-1.08	5.22	-0.98	-0.80	99.31	-1395.70	-1395.25	98.86	-25.91
		1763	25.33	5.50	-0.73	5.31	-0.54	-1.06	98.33	-1618.42	-1618.42	98.33	2.07
1375	91	1740	24.95	12.28	0.07	12.22	0.13	-0.85	48.32	-1597.93	-1596.57	46.96	47.37
		1741	21.67	11.93	-0.16	11.89	-0.12	-0.73	38.93	-1385.07	-1384.56	38.43	26.74
		1764	21.92	5.39	-1.03	5.32	-0.96	-0.66	99.48	-1389.67	-1389.28	99.09	-24.02
		1763	25.24	5.55	-0.68	5.41	-0.54	-0.92	97.71	-1612.52	-1612.51	97.70	3.89
1376	27	1741	22.59	9.73	-0.63	9.25	-0.15	-2.17	60.19	-1443.98	-1443.98	60.19	2.10
		1742	18.78	9.13	-1.35	8.66	-0.87	-2.17	29.57	-1206.59	-1206.40	29.38	-15.10
		1765	19.08	5.06	-2.95	4.27	-2.15	-2.39	107.91	-1197.64	-1193.32	103.59	-74.96
		1764	22.95	5.43	-2.15	4.45	-1.17	-2.54	122.71	-1448.91	-1447.16	120.96	-52.30
1376	59	1741	21.68	11.83	-0.09	11.80	-0.06	-0.59	50.43	-1379.74	-1379.29	49.99	25.28
		1742	17.96	11.29	-0.47	11.28	-0.45	-0.39	35.25	-1140.85	-1140.79	35.18	8.67
		1765	18.15	5.46	-1.61	5.45	-1.60	-0.27	110.79	-1129.93	-1128.02	108.88	-48.61
		1764	21.93	5.59	-1.00	5.54	-0.94	-0.62	111.17	-1383.25	-1382.78	110.69	-26.52
1376	91	1741	21.61	12.00	-0.07	11.99	-0.05	-0.47	49.72	-1374.85	-1374.34	49.21	26.99
		1742	17.90	11.47	-0.43	11.47	-0.42	-0.26	35.71	-1135.86	-1135.77	35.62	10.43
		1765	18.08	5.53	-1.57	5.53	-1.56	-0.11	111.05	-1124.79	-1123.02	109.28	-46.66
		1764	21.85	5.65	-0.96	5.61	-0.93	-0.48	110.32	-1378.25	-1377.85	109.92	-24.62
1377	27	1742	18.69	8.70	-0.97	8.50	-0.77	-1.37	64.82	-1182.85	-1182.71	64.67	-13.24
		1743	14.53	7.87	-1.78	7.71	-1.62	-1.23	22.86	-928.93	-928.33	22.27	-23.76
		1766	14.74	4.86	-3.53	4.63	-3.30	-1.37	119.90	-896.45	-889.09	112.54	-86.17
		1765	19.00	5.13	-2.49	4.73	-2.10	-1.69	141.51	-1170.84	-1166.64	137.31	-74.13
1377	59	1742	17.91	11.23	-0.42	11.23	-0.42	0.06	51.82	-1129.09	-1129.01	51.74	9.60
		1743	13.89	10.49	-0.91	10.48	-0.89	0.42	30.92	-873.65	-873.65	30.92	-0.46
		1766	13.99	5.71	-2.47	5.66	-2.41	0.68	123.99	-840.25	-836.48	120.22	-60.16
		1765	18.11	5.69	-1.59	5.69	-1.59	0.13	126.61	-1116.85	-1114.95	124.72	-48.51
1377	91	1742	17.85	11.43	-0.39	11.43	-0.39	0.17	50.87	-1125.03	-1124.92	50.76	11.29
		1743	13.84	10.70	-0.86	10.68	-0.84	0.54	31.57	-869.49	-869.49	31.57	1.27
		1766	13.93	5.81	-2.43	5.73	-2.34	0.83	124.34	-836.01	-832.47	120.80	-58.23
		1765	18.04	5.77	-1.56	5.76	-1.55	0.27	125.52	-1112.77	-1111.01	123.76	-46.61
1378	27	1743	14.99	16.55	-1.60	16.52	-1.57	-0.68	68.72	-905.66	-905.24	68.30	-20.20
		1744	10.69	15.45	-2.42	15.44	-2.41	-0.26	16.01	-648.75	-648.08	15.35	-20.96
		1767	10.49	8.77	-4.47	8.77	-4.46	0.21	132.89	-584.75	-576.20	124.34	-77.87
		1766	14.96	8.82	-3.29	8.80	-3.27	-0.48	161.91	-870.93	-864.17	155.14	-83.34
1378	59	1743	14.09	14.60	-0.91	14.56	-0.88	0.76	52.49	-861.92	-861.92	52.49	1.27
		1744	9.98	13.63	-1.46	13.50	-1.33	1.36	26.72	-603.95	-603.95	26.72	0.68
		1767	9.81	8.00	-3.60	7.62	-3.22	2.06	138.62	-539.58	-535.30	134.34	-53.71
		1766	14.08	7.76	-2.54	7.62	-2.41	1.18	143.75	-827.54	-823.92	140.13	-59.19
1378	91	1743	14.02	14.47	-0.87	14.42	-0.83	0.87	51.30	-858.65	-858.64	51.30	2.86
		1744	9.92	13.51	-1.40	13.36	-1.25	1.48	27.58	-600.62	-600.61	27.57	2.28
		1767	9.76	7.97	-3.56	7.54	-3.13	2.19	139.10	-536.22	-532.21	135.09	-51.91
		1766	14.01	7.70	-2.51	7.53	-2.34	1.30	142.41	-824.30	-820.88	138.99	-57.40
1379	27	1744	10.90	16.06	-2.60	15.98	-2.52	1.25	73.32	-629.03	-628.22	72.51	-23.84

		1745	6.74	14.80	-3.25	14.56	-3.00	2.08	13.21	-388.25	-387.83	12.79	-13.09
		1768	6.50	10.60	-5.80	9.97	-5.17	3.14	150.73	-287.40	-281.18	144.51	-51.81
		1767	10.84	10.31	-4.77	10.07	-4.53	1.88	185.20	-566.20	-557.19	176.19	-81.76
1379	59	1744	10.06	14.08	-1.69	13.79	-1.40	2.15	53.50	-593.46	-593.46	53.50	-0.51
		1745	6.15	12.97	-2.25	12.36	-1.63	3.00	26.22	-352.72	-352.45	25.96	10.06
		1768	5.92	9.55	-5.02	8.20	-3.67	4.22	157.68	-250.62	-248.91	155.97	-26.35
		1767	9.96	8.97	-3.97	8.28	-3.28	2.92	162.89	-529.76	-525.21	158.35	-55.93
1379	91	1744	10.00	13.95	-1.63	13.63	-1.31	2.21	52.07	-590.86	-590.85	52.06	1.23
		1745	6.11	12.85	-2.18	12.20	-1.53	3.06	27.31	-350.17	-349.80	26.94	11.79
		1768	5.88	9.48	-4.98	8.07	-3.56	4.30	158.31	-247.98	-246.51	156.83	-24.44
		1767	9.89	8.89	-3.93	8.14	-3.18	3.00	161.26	-527.09	-522.83	156.99	-54.00
1380	7	1745	6.48	11.90	-2.05	10.28	-0.43	4.48	64.59	-361.70	-361.40	64.29	11.32
		1746	3.32	11.21	-3.04	8.44	-0.27	5.64	57.06	-165.41	-160.67	52.32	32.12
		1769	3.93	13.32	-5.54	9.73	-1.95	7.40	234.44	-15.02	-11.36	230.78	30.02
		1768	6.33	12.20	-4.57	10.07	-2.45	5.58	193.10	-245.29	-243.57	191.38	-27.34
1380	39	1745	6.03	11.85	-1.88	10.41	-0.44	4.21	51.36	-339.95	-338.72	50.13	21.90
		1746	3.01	10.93	-2.63	8.55	-0.25	5.16	57.99	-146.98	-137.81	48.83	42.36
		1769	3.57	11.64	-5.59	7.94	-1.89	7.08	223.97	-6.12	1.49	216.36	41.15
		1768	5.86	10.59	-4.72	8.31	-2.44	5.45	178.01	-231.16	-230.60	177.45	-15.20
1380	71	1745	6.00	11.84	-1.87	10.42	-0.45	4.18	50.37	-338.35	-337.02	49.04	22.70
		1746	2.99	10.91	-2.60	8.55	-0.25	5.12	58.13	-145.68	-136.10	48.54	43.14
		1769	3.55	11.52	-5.60	7.80	-1.88	7.05	223.23	-5.51	2.48	215.25	41.99
		1768	5.82	10.47	-4.73	8.17	-2.44	5.44	176.87	-230.11	-229.61	176.37	-14.28
1381	25	1746	2.88	15.35	-5.99	13.25	-3.89	6.36	84.64	-86.91	-83.10	80.83	25.27
		1711	3.64	13.80	-4.74	11.18	-2.12	6.46	188.62	-27.82	65.10	95.70	107.13
		1710	6.32	14.54	-8.40	8.81	-2.66	9.93	414.96	91.02	205.29	300.69	154.79
		1769	3.72	14.56	-10.62	9.69	-5.75	9.94	238.55	44.16	47.20	235.51	24.11
1381	57	1746	2.76	12.90	-4.04	10.80	-1.94	5.57	71.15	-109.08	-99.88	61.94	39.67
		1711	3.08	11.34	-3.53	8.59	-0.79	5.77	154.76	-31.56	43.52	79.68	91.39
		1710	5.74	12.65	-6.93	6.98	-1.27	8.88	378.70	85.90	183.02	281.57	137.86
		1769	3.45	12.28	-8.05	7.92	-3.68	8.35	225.83	21.63	29.22	218.25	38.61
1381	89	1746	2.75	12.72	-3.89	10.62	-1.80	5.52	70.21	-110.80	-101.11	60.52	40.74
		1711	3.04	11.16	-3.44	8.41	-0.69	5.72	152.23	-31.83	41.92	78.48	90.20
		1710	5.70	12.52	-6.83	6.85	-1.17	8.80	375.96	85.51	181.37	280.11	136.57
		1769	3.43	12.12	-7.86	7.79	-3.53	8.23	224.95	19.89	27.88	216.95	39.69
1382	25	1697	3.75	-0.47	-2.90	-0.72	-2.65	0.73	128.15	-153.73	21.51	-47.08	136.70
		1747	10.67	1.93	-1.81	-0.38	0.51	-1.81	332.63	-472.58	-83.09	-56.85	402.39
		1599	14.12	3.92	0.15	0.46	3.61	-1.03	598.00	-482.48	-56.99	172.51	527.91
		1560	5.86	4.34	-1.37	0.14	2.84	2.52	315.90	-96.38	41.09	178.43	194.36
1382	57	1697	3.45	0.98	-0.42	-0.23	0.79	0.48	109.37	-152.97	23.99	-67.59	122.92
		1747	10.36	3.61	-1.41	-0.19	2.40	-2.15	307.04	-470.01	-81.27	-81.70	388.52
		1599	13.72	6.39	-0.59	0.22	5.58	-2.23	568.51	-475.41	-55.02	148.13	511.98
		1560	5.34	6.66	-0.42	-0.13	6.37	1.42	288.15	-86.46	43.83	157.86	178.42
1382	89	1697	3.42	1.20	-0.35	-0.20	1.05	0.46	108.03	-152.98	24.18	-69.12	121.88
		1747	10.34	3.74	-1.39	-0.18	2.54	-2.18	305.13	-469.84	-81.13	-83.58	387.48
		1599	13.69	6.57	-0.65	0.20	5.72	-2.32	566.30	-474.88	-54.86	146.28	510.78
		1560	5.30	6.88	-0.40	-0.15	6.63	1.34	286.08	-85.71	44.05	156.33	177.22
1383	29	1747	9.59	-0.11	-1.40	-1.14	-0.37	-0.52	272.57	-455.08	-135.63	-46.88	361.11
		1748	11.56	2.64	-1.67	0.20	0.77	-2.13	257.98	-597.74	-346.73	6.97	389.60
		1561	14.78	2.95	-0.11	0.91	1.93	-1.44	501.07	-626.81	-304.46	178.72	509.57
		1599	12.21	2.75	0.76	0.81	2.70	0.32	526.53	-406.43	-51.51	171.61	452.94
1383	61	1747	9.19	2.64	-1.10	-0.40	1.93	-1.47	248.76	-440.66	-125.70	-66.19	343.42
		1748	11.09	4.48	-1.95	0.60	1.93	-3.14	229.53	-580.88	-337.70	-13.65	371.40
		1561	14.27	5.43	-1.80	0.46	3.16	-3.35	470.40	-608.36	-297.07	159.11	488.78
		1599	11.63	5.54	-0.17	0.27	5.09	-1.53	498.76	-388.49	-43.16	153.44	432.60
1383	93	1747	9.17	2.84	-1.08	-0.34	2.10	-1.54	247.00	-439.59	-124.95	-67.64	342.10
		1748	11.05	4.61	-1.97	0.63	2.02	-3.21	227.40	-579.61	-337.01	-15.20	370.04
		1561	14.24	5.61	-1.93	0.43	3.25	-3.50	468.10	-606.99	-296.51	157.63	487.23
		1599	11.60	5.77	-0.27	0.23	5.27	-1.66	496.69	-387.15	-42.53	152.07	431.08
1384	29	1748	11.87	1.77	-2.02	-0.88	0.63	-1.74	253.15	-626.89	-378.00	4.26	396.35
		1749	14.83	2.44	-2.55	0.44	-0.55	-2.45	241.92	-832.63	-635.28	44.57	416.08
		1598	17.60	3.18	-1.72	1.82	-0.35	-2.20	442.85	-872.76	-616.91	187.01	520.71
		1561	14.70	3.78	0.28	1.98	2.08	-1.75	497.41	-621.22	-314.27	190.46	499.14
1384	61	1748	11.32	3.96	-2.02	0.12	1.83	-2.87	225.95	-601.81	-358.58	-17.28	377.06
		1749	14.24	4.61	-2.78	1.22	0.62	-3.69	213.74	-805.83	-616.79	24.70	396.24
		1598	16.95	4.74	-3.05	0.95	0.74	-3.90	413.89	-844.85	-599.68	168.72	498.49
		1561	14.07	5.69	-1.47	1.03	3.20	-3.41	468.54	-594.14	-296.04	170.45	477.41
1384	93	1748	11.28	4.13	-2.02	0.20	1.91	-2.95	223.92	-599.91	-357.09	-18.90	375.61
		1749	14.19	4.77	-2.80	1.27	0.70	-3.78	211.62	-803.81	-615.38	23.19	394.75
		1598	16.90	4.88	-3.17	0.89	0.82	-4.02	411.70	-842.72	-598.35	167.33	496.82
		1561	14.02	5.84	-1.60	0.96	3.28	-3.54	466.38	-592.08	-294.64	168.94	475.77
1385	29	1749	15.16	2.16	-2.96	-0.22	-0.57	-2.56	240.33	-857.33	-660.90	43.91	420.75
		1750	18.47	2.17	-2.80	0.65	-1.28	-2.29	221.71	-1093.78	-935.00	62.94	428.55
		1562	20.99	2.91	-2.88	1.72	-1.69	-2.34	377.78	-1155.74	-954.99	177.03	517.26
		1598	17.96	4.01	-2.35	1.89	-0.23	-3.00	444.51	-892.88	-640.46	192.09	523.32
1385	61	1749	14.42	4.38	-2.90	0.91	0.57	-3.64	212.39	-820.03	-630.83	23.19	399.42
		1750	17.78	4.52	-3.08	1.72	-0.27	-3.66	197.77	-1056.08	-906.14	47.83	406.84

		1562	20.19	3.99	-3.86	0.87	-0.75	-3.84	352.77	-1116.34	-927.19	163.62	492.04
		1598	17.10	5.14	-3.28	1.06	0.81	-4.21	415.15	-853.61	-611.54	173.07	498.53
1385	93	1749	14.36	4.55	-2.89	1.00	0.66	-3.71	210.30	-817.19	-628.52	21.63	397.82
		1750	17.73	4.69	-3.10	1.79	-0.20	-3.76	195.96	-1053.21	-903.92	46.67	405.22
		1562	20.13	4.08	-3.96	0.81	-0.68	-3.95	350.89	-1113.33	-925.03	162.59	490.15
		1598	17.04	5.23	-3.36	1.00	0.88	-4.30	412.95	-850.62	-609.30	171.63	496.67
1386	25	1750	18.84	2.30	-3.02	0.23	-0.95	-2.59	221.67	-1119.05	-961.69	64.31	431.53
		1751	22.00	2.07	-2.38	0.74	-1.05	-2.04	192.52	-1351.15	-1229.73	71.10	415.56
		1597	24.18	0.77	-3.22	-0.60	-1.84	-1.89	306.20	-1429.48	-1280.42	157.14	486.31
		1562	21.22	1.75	-3.59	-0.44	-1.40	-2.63	374.05	-1179.14	-986.43	181.34	512.04
1386	57	1750	17.96	4.51	-3.10	1.54	-0.13	-3.71	197.42	-1068.94	-919.72	48.19	408.29
		1751	21.25	4.42	-2.84	2.07	-0.49	-3.39	176.39	-1303.79	-1188.52	61.12	396.66
		1597	23.33	2.61	-4.21	-0.35	-1.24	-3.38	289.17	-1379.09	-1238.19	148.28	463.90
		1562	20.30	3.56	-4.24	-0.09	-0.59	-3.89	350.72	-1127.94	-942.99	165.77	489.15
1386	89	1750	17.89	4.67	-3.11	1.63	-0.07	-3.79	195.59	-1065.09	-916.46	46.97	406.55
		1751	21.19	4.59	-2.87	2.17	-0.46	-3.49	175.16	-1300.15	-1185.32	60.33	395.24
		1597	23.27	2.75	-4.28	-0.33	-1.20	-3.49	287.88	-1375.21	-1234.90	147.58	462.22
		1562	20.23	3.69	-4.29	-0.06	-0.53	-3.98	348.98	-1124.00	-939.61	164.59	487.44
1387	25	1751	22.40	2.40	-2.76	0.68	-1.04	-2.43	192.58	-1376.87	-1256.58	72.29	417.52
		1752	25.39	2.02	-1.97	1.03	-0.99	-1.72	166.00	-1594.70	-1500.42	71.72	396.37
		1563	27.33	0.15	-3.27	-1.19	-1.93	-1.67	246.83	-1682.33	-1569.78	134.28	452.18
		1597	24.62	1.05	-3.79	-0.92	-1.82	-2.38	306.93	-1458.80	-1311.65	159.77	488.03
1387	57	1751	21.44	4.52	-2.94	2.07	-0.49	-3.50	176.12	-1316.38	-1201.76	61.51	397.40
		1752	24.52	4.31	-2.46	2.47	-0.62	-3.01	155.14	-1535.71	-1446.84	66.27	377.33
		1563	26.33	1.91	-4.16	-0.80	-1.44	-3.02	235.14	-1618.34	-1512.64	129.44	429.81
		1597	23.54	2.71	-4.39	-0.46	-1.22	-3.53	289.16	-1393.16	-1253.29	149.29	464.48
1387	89	1751	21.37	4.67	-2.96	2.17	-0.46	-3.58	174.88	-1311.71	-1197.51	60.68	395.89
		1752	24.45	4.48	-2.50	2.57	-0.59	-3.11	154.30	-1531.16	-1442.67	65.82	375.91
		1563	26.25	2.03	-4.22	-0.78	-1.41	-3.11	234.24	-1613.40	-1508.20	129.04	428.14
		1597	23.46	2.82	-4.44	-0.43	-1.18	-3.61	287.83	-1388.10	-1248.76	148.49	462.72
1388	25	1752	25.77	2.41	-2.23	0.89	-0.72	-2.18	165.32	-1620.39	-1527.06	71.99	397.43
		1753	28.40	2.18	-0.81	1.19	0.18	-1.41	143.78	-1811.05	-1738.55	71.28	369.41
		1596	30.18	1.02	-2.43	-1.65	0.24	-1.44	200.01	-1901.98	-1817.62	115.65	412.56
		1563	27.76	0.68	-3.71	-1.40	-1.62	-2.19	246.97	-1710.94	-1600.07	136.10	452.53
1388	57	1752	24.70	4.44	-2.50	2.43	-0.49	-3.15	154.58	-1548.06	-1459.71	66.22	377.67
		1753	27.39	4.30	-1.65	2.77	-0.11	-2.60	135.85	-1740.40	-1672.33	67.77	350.84
		1596	28.96	1.87	-3.50	-1.18	-0.46	-2.66	191.99	-1824.73	-1745.70	112.96	391.33
		1563	26.53	2.10	-4.27	-0.87	-1.29	-3.18	235.01	-1631.90	-1527.02	130.13	429.89
1388	89	1752	24.61	4.59	-2.52	2.54	-0.48	-3.22	153.76	-1542.48	-1454.48	65.77	376.19
		1753	27.31	4.46	-1.71	2.88	-0.14	-2.69	135.23	-1734.94	-1667.19	67.48	349.45
		1596	28.87	1.94	-3.59	-1.14	-0.51	-2.75	191.37	-1818.78	-1740.13	112.72	389.75
		1563	26.43	2.20	-4.31	-0.84	-1.27	-3.25	234.11	-1625.81	-1521.37	129.66	428.20
1389	25	1753	28.46	2.27	-1.91	0.98	-0.62	-1.93	128.60	-1822.23	-1771.07	77.44	311.76
		1754	30.78	2.05	-0.77	1.27	0.01	-1.26	118.57	-1984.30	-1945.16	79.43	284.20
		1564	32.39	0.77	-2.72	-1.99	0.05	-1.42	155.49	-2073.20	-2029.08	111.37	310.44
		1596	30.21	1.52	-2.90	-1.77	0.39	-1.93	183.91	-1912.94	-1853.74	124.71	347.32
1389	57	1753	27.41	4.31	-2.09	2.70	-0.48	-2.78	128.29	-1745.56	-1687.76	70.49	323.99
		1754	29.72	4.21	-1.36	3.02	-0.17	-2.28	115.75	-1907.27	-1863.11	71.60	295.60
		1564	31.06	1.49	-3.44	-1.45	-0.50	-2.42	154.46	-1989.21	-1939.34	104.59	323.13
		1596	28.96	2.04	-3.63	-1.20	-0.39	-2.81	184.02	-1829.63	-1762.69	117.08	360.98
1389	89	1753	27.33	4.46	-2.10	2.83	-0.47	-2.83	128.27	-1739.65	-1681.32	69.95	324.87
		1754	29.63	4.36	-1.40	3.15	-0.18	-2.35	115.54	-1901.31	-1856.76	70.99	296.42
		1564	30.97	1.55	-3.50	-1.41	-0.54	-2.49	154.38	-1982.74	-1932.42	104.06	324.05
		1596	28.87	2.09	-3.70	-1.16	-0.45	-2.87	184.04	-1823.22	-1755.68	116.50	361.97
1390	25	1754	31.07	2.25	-1.10	1.08	0.07	-1.60	114.73	-2005.82	-1966.54	75.45	285.92
		1755	32.90	1.96	-0.61	1.33	0.02	-1.10	108.69	-2131.30	-2101.62	79.01	256.11
		1595	34.42	0.70	-2.83	-2.16	0.03	-1.38	135.20	-2218.52	-2185.73	102.41	275.89
		1564	32.72	1.16	-3.00	-1.97	0.13	-1.80	153.21	-2096.64	-2051.97	108.55	313.84
1390	57	1754	29.85	4.23	-1.42	2.96	-0.15	-2.36	113.85	-1917.47	-1873.27	69.65	296.36
		1755	31.65	4.15	-1.02	3.25	-0.12	-1.96	104.33	-2042.88	-2009.39	70.83	266.08
		1595	32.89	1.23	-3.27	-1.60	-0.44	-2.18	132.69	-2121.89	-2084.98	95.78	286.12
		1564	31.22	1.62	-3.50	-1.41	-0.47	-2.51	153.37	-2000.27	-1950.13	103.23	324.76
1390	89	1754	29.76	4.38	-1.45	3.10	-0.16	-2.41	113.78	-1910.65	-1866.07	69.20	297.10
		1755	31.56	4.31	-1.05	3.39	-0.13	-2.02	104.01	-2036.06	-2002.26	70.22	266.79
		1595	32.78	1.28	-3.32	-1.56	-0.48	-2.23	132.51	-2114.46	-2077.22	95.27	286.85
		1564	31.12	1.65	-3.54	-1.37	-0.51	-2.56	153.39	-1992.86	-1942.29	102.82	325.54
1391	25	1755	33.13	2.08	-0.83	1.19	0.06	-1.34	105.19	-2148.62	-2118.97	75.55	256.79
		1756	34.40	1.94	-0.45	1.38	0.11	-1.01	100.48	-2235.90	-2214.05	78.63	224.87
		1565	35.81	0.71	-2.91	-2.31	0.10	-1.35	118.18	-2319.74	-2296.32	94.75	237.83
		1595	34.66	0.93	-3.00	-2.14	0.07	-1.63	132.11	-2236.93	-2203.94	99.12	277.62
1391	57	1755	31.76	4.14	-1.04	3.21	-0.11	-1.99	102.62	-2051.08	-2017.61	69.15	266.37
		1756	33.01	4.14	-0.72	3.46	-0.04	-1.69	95.08	-2138.39	-2113.44	70.13	234.75
		1565	34.14	1.03	-3.09	-1.70	-0.35	-1.95	115.84	-2213.30	-2186.73	89.26	247.35
		1595	33.01	1.28	-3.28	-1.56	-0.43	-2.21	131.23	-2130.57	-2093.55	94.21	286.97
1391	89	1755	31.66	4.30	-1.06	3.36	-0.12	-2.04	102.43	-2043.56	-2009.80	68.67	267.05
		1756	32.90	4.31	-0.74	3.61	-0.05	-1.74	94.69	-2130.87	-2105.67	69.49	235.45
		1565	34.02	1.06	-3.11	-1.66	-0.39	-1.99	115.67	-2205.12	-2178.30	88.86	248.02

		1595	32.88	1.31	-3.31	-1.52	-0.47	-2.25	131.17	-2122.40	-2085.07	93.84	287.63
1392	25	1756	34.56	1.81	-0.26	1.47	0.08	-0.77	97.97	-2248.34	-2226.73	76.36	224.12
		1757	35.24	1.81	-0.09	1.60	0.12	-0.59	91.35	-2296.53	-2281.27	76.10	190.27
		1594	36.58	0.32	-2.67	-2.32	-0.03	-0.96	108.01	-2375.97	-2360.42	92.46	195.95
		1565	36.00	0.53	-2.61	-2.16	0.08	-1.10	118.11	-2332.56	-2309.32	94.87	237.52
1392	57	1756	33.09	4.07	-0.60	3.53	-0.06	-1.50	93.85	-2144.26	-2119.44	69.03	234.37
		1757	33.76	4.13	-0.40	3.73	2.59e-03	-1.28	86.80	-2192.42	-2174.43	68.81	201.70
		1594	34.81	0.65	-2.74	-1.72	-0.37	-1.55	105.09	-2262.62	-2244.43	86.90	206.75
		1565	34.23	0.86	-2.84	-1.61	-0.37	-1.74	115.80	-2219.33	-2192.86	89.32	247.23
1392	89	1756	32.98	4.24	-0.63	3.68	-0.07	-1.55	93.55	-2136.24	-2111.17	68.48	235.10
		1757	33.64	4.30	-0.42	3.89	-6.09e-03	-1.33	86.47	-2184.40	-2166.19	68.26	202.52
		1594	34.67	0.68	-2.76	-1.68	-0.40	-1.59	104.89	-2253.92	-2235.52	86.49	207.53
		1565	34.10	0.89	-2.87	-1.57	-0.40	-1.79	115.64	-2210.64	-2183.91	88.91	247.92
1393	25	1757	35.37	5.50	-3.58	1.23	0.69	-4.53	92.49	-2303.69	-2288.78	77.59	188.38
		1758	35.44	1.90	0.08	1.90	0.08	-7.19e-03	86.56	-2312.34	-2302.49	76.71	153.37
		1566	36.70	-0.05	-2.39	-2.34	-0.10	-0.35	102.03	-2386.78	-2377.59	92.84	150.99
		1594	36.68	4.03	-6.29	-2.78	0.52	-4.89	109.04	-2382.94	-2367.79	93.89	193.68
1393	57	1757	33.82	5.37	-1.52	3.59	0.26	-3.01	87.30	-2195.78	-2177.98	69.50	200.79
		1758	33.90	4.18	-0.14	4.02	0.01	-0.81	81.93	-2204.20	-2191.86	69.59	167.50
		1566	34.87	0.20	-2.31	-1.73	-0.37	-1.05	98.86	-2269.39	-2257.87	87.35	164.74
		1594	34.86	2.37	-4.41	-1.91	-0.13	-3.27	105.55	-2265.88	-2247.90	87.57	205.71
1393	89	1757	33.70	5.39	-1.40	3.76	0.23	-2.90	86.92	-2187.47	-2169.45	68.89	201.68
		1758	33.78	4.35	-0.16	4.18	6.61e-03	-0.86	81.61	-2195.88	-2183.34	69.07	168.53
		1566	34.73	0.24	-2.32	-1.69	-0.39	-1.10	98.64	-2260.39	-2248.68	86.94	165.73
		1594	34.72	2.25	-4.27	-1.85	-0.18	-3.15	105.30	-2256.90	-2238.70	87.10	206.57
1394	25	1758	35.48	5.60	-3.32	1.55	0.73	-4.44	86.78	-2313.98	-2304.52	77.32	150.43
		1759	34.98	5.02	-2.70	1.66	0.66	-3.83	83.78	-2282.91	-2277.31	78.18	114.95
		1593	36.19	3.18	-5.77	-3.02	0.42	-4.13	99.78	-2351.92	-2347.48	95.34	104.23
		1566	36.73	3.85	-6.29	-2.96	0.51	-4.77	102.56	-2387.77	-2379.03	93.82	147.30
1394	57	1758	33.92	5.40	-1.20	3.89	0.30	-2.77	82.00	-2204.95	-2192.82	69.87	166.10
		1759	33.43	5.18	-0.85	4.03	0.29	-2.36	79.37	-2173.37	-2165.54	71.55	132.55
		1593	34.33	1.68	-3.83	-2.03	-0.11	-2.58	96.80	-2233.33	-2226.92	90.40	121.98
		1566	34.88	2.10	-4.19	-1.99	-0.10	-3.00	99.06	-2269.82	-2258.55	87.79	163.02
1394	89	1758	33.80	5.42	-1.09	4.06	0.27	-2.65	81.66	-2196.56	-2184.22	69.32	167.23
		1759	33.31	5.23	-0.76	4.21	0.27	-2.26	79.06	-2164.95	-2156.94	71.05	133.83
		1593	34.19	1.57	-3.68	-1.96	-0.15	-2.47	96.60	-2224.24	-2217.68	90.03	123.28
		1566	34.74	1.97	-4.04	-1.92	-0.14	-2.87	98.82	-2260.78	-2249.31	87.35	164.16
1395	25	1759	34.95	5.82	-3.17	1.87	0.78	-4.46	85.06	-2278.99	-2273.72	79.80	111.47
		1760	33.86	5.33	-2.71	1.92	0.70	-3.97	82.72	-2208.26	-2205.75	80.21	75.71
		1567	35.03	3.17	-6.06	-3.28	0.39	-4.23	103.58	-2271.33	-2269.96	102.20	57.11
		1593	36.14	3.72	-6.46	-3.23	0.50	-4.74	102.06	-2346.92	-2342.84	97.98	99.89
1395	57	1759	33.41	5.46	-0.96	4.16	0.34	-2.58	79.93	-2171.46	-2163.83	72.30	130.89
		1760	32.33	5.26	-0.70	4.25	0.32	-2.24	78.96	-2099.90	-2095.56	74.62	97.19
		1567	33.18	1.48	-3.75	-2.14	-0.13	-2.42	100.04	-2154.33	-2151.54	97.25	79.25
		1593	34.30	1.86	-4.05	-2.11	-0.09	-2.78	97.80	-2230.92	-2224.73	91.61	119.96
1395	89	1759	33.29	5.48	-0.85	4.33	0.31	-2.44	79.57	-2163.21	-2155.37	71.74	132.32
		1760	32.21	5.31	-0.60	4.42	0.29	-2.11	78.71	-2091.59	-2087.08	74.20	98.77
		1567	33.04	1.36	-3.58	-2.06	-0.16	-2.28	99.80	-2145.38	-2142.46	96.88	80.88
		1593	34.16	1.72	-3.88	-2.02	-0.13	-2.63	97.51	-2222.04	-2215.67	91.13	121.43
1396	25	1760	33.76	6.03	-3.24	2.20	0.59	-4.57	85.59	-2198.87	-2196.59	83.31	72.10
		1761	32.11	5.66	-2.98	2.18	0.50	-4.24	86.34	-2088.88	-2088.26	85.72	36.70
		1592	33.28	2.94	-6.83	-4.00	0.11	-4.44	115.14	-2145.19	-2145.14	115.09	10.63
		1567	34.92	3.36	-7.07	-3.95	0.24	-4.78	105.45	-2260.48	-2259.32	104.30	52.21
1396	57	1760	32.28	5.53	-0.87	4.40	0.26	-2.44	80.26	-2095.40	-2091.21	76.07	95.47
		1761	30.62	5.35	-0.71	4.43	0.21	-2.17	82.12	-1984.22	-1982.36	80.26	61.96
		1592	31.45	1.18	-3.91	-2.45	-0.28	-2.30	109.65	-2032.46	-2031.82	109.00	37.17
		1567	33.12	1.50	-4.13	-2.43	-0.21	-2.59	100.84	-2149.14	-2146.51	98.20	76.96
1396	89	1760	32.17	5.55	-0.75	4.56	0.23	-2.28	79.89	-2087.47	-2083.10	75.53	97.19
		1761	30.51	5.38	-0.60	4.60	0.18	-2.02	81.83	-1976.20	-1974.22	79.85	63.83
		1592	31.31	1.05	-3.70	-2.34	-0.31	-2.15	109.26	-2023.85	-2023.13	108.55	39.13
		1567	32.99	1.36	-3.91	-2.31	-0.24	-2.43	100.52	-2140.63	-2137.86	97.75	78.79
1397	27	1761	31.96	5.64	-1.53	3.34	0.78	-3.35	90.98	-2073.11	-2072.18	90.05	44.74
		1762	29.09	5.38	-1.48	3.27	0.63	-3.16	98.92	-1877.68	-1877.66	98.89	7.49
		1568	30.85	2.18	-5.60	-3.64	0.22	-3.38	137.01	-1971.80	-1971.58	136.79	-21.41
		1592	33.01	2.47	-5.69	-3.61	0.39	-3.55	117.11	-2127.14	-2126.99	116.97	17.92
1397	59	1761	30.55	5.53	-0.20	4.99	0.33	-1.67	84.41	-1976.82	-1974.72	82.31	65.72
		1762	28.02	5.39	-0.19	4.98	0.22	-1.45	91.05	-1804.40	-1803.88	90.52	31.55
		1568	29.11	0.60	-3.13	-2.24	-0.29	-1.59	127.39	-1867.15	-1867.15	127.39	2.52
		1592	31.33	0.88	-3.28	-2.24	-0.15	-1.80	110.63	-2024.01	-2023.24	109.85	40.62
1397	91	1761	30.45	5.57	-0.15	5.12	0.30	-1.55	83.93	-1969.44	-1967.23	81.73	67.26
		1762	27.94	5.44	-0.14	5.10	0.19	-1.33	90.47	-1798.87	-1798.28	89.89	33.33
		1568	28.98	0.49	-2.95	-2.14	-0.33	-1.46	126.69	-1859.16	-1859.15	126.68	4.28
		1592	31.20	0.77	-3.10	-2.14	-0.19	-1.67	110.15	-2016.13	-2015.29	109.31	42.29
1398	27	1762	29.52	5.94	-1.57	3.67	0.69	-3.45	99.62	-1905.04	-1905.01	99.60	7.41
		1763	26.87	5.57	-2.12	3.55	-0.09	-3.39	115.02	-1719.12	-1718.80	114.70	-24.41
		1591	27.85	1.63	-6.36	-3.80	-0.94	-3.73	166.50	-1755.49	-1753.46	164.47	-62.43
		1568	30.53	2.55	-5.96	-3.80	0.38	-3.71	135.67	-1950.19	-1949.86	135.34	-26.24

1398	59	1762	28.23	5.61	-0.18	5.19	0.25	-1.51	91.38	-1817.42	-1816.90	90.86	31.48
		1763	25.52	5.44	-0.51	5.13	-0.19	-1.33	102.96	-1629.83	-1629.83	102.96	0.50
		1591	26.21	0.09	-3.28	-2.25	-0.93	-1.55	152.28	-1660.30	-1659.61	151.59	-35.24
		1568	28.96	0.71	-3.21	-2.29	-0.22	-1.66	126.66	-1856.88	-1856.88	126.66	0.24
1398	91	1762	28.13	5.64	-0.13	5.30	0.22	-1.37	90.77	-1810.72	-1810.14	90.19	33.25
		1763	25.41	5.48	-0.44	5.24	-0.20	-1.18	102.08	-1623.01	-1623.01	102.08	2.34
		1591	26.09	-0.02	-3.05	-2.14	-0.93	-1.39	151.24	-1653.04	-1652.43	150.62	-33.23
		1568	28.84	0.57	-3.01	-2.18	-0.26	-1.51	126.00	-1849.76	-1849.76	125.99	2.19
1399	27	1763	26.54	6.01	-1.96	4.05	7.58e-03	-3.43	114.75	-1696.09	-1695.68	114.33	-27.40
		1764	23.42	5.68	-2.63	3.88	-0.83	-3.42	136.04	-1475.54	-1473.64	134.14	-55.36
		1569	24.30	1.32	-6.96	-3.78	-1.86	-4.03	206.05	-1495.84	-1490.16	200.37	-98.13
		1591	27.44	1.79	-6.56	-3.84	-0.93	-3.91	163.92	-1729.58	-1727.21	161.54	-67.03
1399	59	1763	25.36	5.67	-0.43	5.39	-0.15	-1.28	102.82	-1618.76	-1618.76	102.82	-1.00
		1764	22.17	5.48	-0.86	5.30	-0.68	-1.07	118.53	-1396.25	-1395.71	117.99	-28.72
		1569	22.78	-0.34	-3.34	-2.12	-1.57	-1.47	186.26	-1412.06	-1409.12	183.32	-68.47
		1591	26.02	0.10	-3.27	-2.24	-0.93	-1.55	150.96	-1647.96	-1647.18	150.17	-37.47
1399	91	1763	25.27	5.70	-0.38	5.48	-0.16	-1.12	101.94	-1612.87	-1612.87	101.94	0.95
		1764	22.07	5.53	-0.80	5.40	-0.67	-0.90	117.24	-1390.21	-1389.74	116.77	-26.75
		1569	22.66	-0.47	-3.08	-1.99	-1.55	-1.29	184.80	-1405.69	-1402.92	182.03	-66.27
		1591	25.91	-0.03	-3.03	-2.12	-0.94	-1.38	150.00	-1641.75	-1641.06	149.30	-35.27
1400	27	1764	23.06	5.96	-2.25	4.45	-0.73	-3.18	135.46	-1449.90	-1447.81	133.37	-57.59
		1765	19.55	5.60	-3.38	4.29	-2.06	-3.17	160.99	-1198.81	-1194.26	156.43	-78.60
		1590	20.24	0.82	-7.58	-3.36	-3.40	-4.20	256.23	-1194.63	-1183.86	245.46	-124.48
		1569	23.85	1.37	-6.77	-3.55	-1.85	-3.98	205.00	-1466.76	-1460.56	198.79	-101.67
1400	59	1764	21.99	5.72	-0.76	5.59	-0.64	-0.89	118.25	-1383.83	-1383.23	117.66	-29.92
		1765	18.39	5.57	-1.52	5.52	-1.47	-0.60	137.13	-1130.65	-1128.57	135.05	-51.41
		1590	18.84	-0.77	-3.55	-1.69	-2.62	-1.31	230.09	-1123.73	-1117.24	223.59	-93.54
		1569	22.56	-0.39	-3.16	-1.98	-1.57	-1.37	185.67	-1398.18	-1395.05	182.54	-70.26
1400	91	1764	21.91	5.76	-0.71	5.67	-0.63	-0.72	116.98	-1378.81	-1378.30	116.46	-27.87
		1765	18.30	5.64	-1.45	5.61	-1.42	-0.41	135.37	-1125.48	-1123.54	133.43	-49.40
		1590	18.73	-0.86	-3.27	-1.57	-2.57	-1.10	228.15	-1118.36	-1112.15	221.94	-91.24
		1569	22.46	-0.52	-2.90	-1.86	-1.55	-1.18	184.23	-1392.98	-1390.05	181.30	-67.92
1401	27	1766	15.24	8.93	-4.15	8.78	-4.01	-1.38	188.38	-872.50	-865.10	180.97	-88.33
		1767	11.20	4.75	-6.25	4.73	-6.23	-0.50	214.76	-586.01	-578.17	206.93	-78.82
		1589	11.57	0.86	-9.29	0.08	-8.51	-2.70	378.95	-487.05	-471.16	363.06	-116.21
		1570	15.46	0.71	-7.07	-0.69	-5.67	-2.99	314.42	-829.67	-813.61	298.36	-134.59
1401	59	1766	14.23	7.75	-2.73	7.69	-2.67	0.79	157.74	-828.29	-824.29	153.74	-62.63
		1767	10.17	6.17	-4.25	5.86	-3.95	1.76	178.55	-540.80	-536.50	174.26	-55.43
		1589	10.50	0.92	-6.08	0.92	-6.08	0.22	341.42	-442.18	-432.06	331.30	-88.46
		1570	14.51	0.01	-4.20	-0.01	-4.18	-0.34	282.35	-785.28	-774.94	272.01	-104.55
1401	91	1766	14.15	7.69	-2.66	7.61	-2.57	0.95	155.45	-824.99	-821.21	151.67	-60.72
		1767	10.09	6.31	-4.15	5.94	-3.78	1.93	175.85	-537.43	-533.36	171.79	-53.69
		1589	10.42	1.00	-5.93	0.98	-5.90	0.44	338.61	-438.85	-429.12	328.89	-86.40
		1570	14.44	0.04	-4.07	0.03	-4.07	-0.15	279.95	-781.98	-772.03	270.00	-102.32
1402	7	1767	10.67	10.97	-3.26	9.63	-1.92	4.16	192.67	-555.11	-550.25	187.81	-60.09
		1768	7.01	11.98	-4.46	9.43	-1.92	5.95	214.46	-279.00	-277.24	212.70	-29.50
		1571	7.52	8.59	-6.33	6.93	-4.67	4.70	419.50	-83.61	-80.77	416.65	-37.73
		1589	10.84	6.63	-4.79	5.80	-3.96	2.97	354.49	-441.63	-429.79	342.65	-96.36
1402	39	1767	9.91	9.56	-3.37	8.17	-1.97	4.01	168.57	-525.04	-521.89	165.43	-46.59
		1768	6.22	10.55	-4.52	8.07	-2.04	5.58	189.06	-249.60	-248.90	188.37	-17.44
		1571	6.87	6.69	-6.54	4.90	-4.76	4.52	393.38	-64.34	-63.17	392.21	-23.10
		1589	10.15	4.68	-4.99	3.67	-3.99	2.95	329.57	-420.54	-411.88	320.91	-80.13
1402	71	1767	9.85	9.45	-3.37	8.06	-1.98	4.00	166.72	-522.79	-519.76	163.70	-45.58
		1768	6.16	10.44	-4.52	7.97	-2.05	5.56	187.12	-247.40	-246.77	186.49	-16.54
		1571	6.82	6.54	-6.56	4.75	-4.76	4.51	391.39	-62.89	-61.82	390.32	-22.01
		1589	10.09	4.53	-5.01	3.51	-3.99	2.95	327.66	-418.95	-410.51	319.23	-78.92
1403	27	1768	6.71	10.98	-8.81	10.30	-8.12	3.61	246.33	-204.32	-198.87	240.87	-49.28
		1769	4.74	11.33	-9.27	9.86	-7.80	5.30	284.60	22.79	23.02	284.38	7.62
		1588	7.55	9.40	-12.05	8.18	-10.83	4.97	550.68	275.07	287.17	538.58	56.45
		1571	7.69	7.33	-11.29	6.99	-10.96	2.48	444.25	-32.32	-23.18	435.10	-65.37
1403	59	1768	6.01	9.90	-6.37	8.49	-4.96	4.58	203.71	-210.14	-208.57	202.14	-25.45
		1769	3.96	10.56	-6.97	8.05	-4.47	6.14	244.42	9.08	12.49	241.02	28.10
		1588	6.96	8.45	-9.68	6.22	-7.46	5.94	522.61	248.12	273.38	497.35	79.34
		1571	6.92	5.94	-8.70	5.00	-7.75	3.59	401.45	-39.83	-36.48	398.10	-38.34
1403	91	1768	5.96	9.84	-6.21	8.35	-4.73	4.65	200.57	-210.63	-209.26	199.20	-23.67
		1769	3.90	10.52	-6.83	7.92	-4.22	6.20	241.54	7.91	11.73	237.72	29.63
		1588	6.92	8.40	-9.53	6.08	-7.21	6.01	520.67	245.92	272.38	494.20	81.06
		1571	6.86	5.86	-8.53	4.85	-7.52	3.67	398.30	-40.47	-37.44	395.27	-36.32
1404	25	1769	4.29	12.18	-12.60	9.23	-9.65	8.04	265.01	46.42	49.04	262.39	23.79
		1710	6.46	12.68	-9.97	8.30	-5.59	8.95	440.88	95.24	192.78	343.34	155.56
		1559	12.20	13.71	-13.48	7.72	-7.49	11.26	878.32	281.97	498.15	662.14	286.68
		1588	7.67	10.25	-16.35	6.67	-12.77	9.07	576.93	234.63	305.32	506.24	138.57
1404	57	1769	3.70	11.23	-8.73	7.85	-5.34	7.49	237.25	24.76	31.66	230.35	37.68
		1710	5.77	11.77	-7.51	6.72	-2.47	8.47	387.31	84.82	170.75	301.38	136.42
		1559	11.43	12.52	-10.53	6.30	-4.32	10.23	822.07	269.55	469.13	622.49	265.40
		1588	7.02	9.07	-12.06	5.44	-8.42	7.97	533.09	223.53	275.63	480.99	115.82
1404	89	1769	3.65	11.17	-8.45	7.75	-5.03	7.45	235.25	23.06	30.37	227.93	38.71

		1710	5.72	11.71	-7.34	6.61	-2.24	8.44	383.23	84.04	169.11	298.16	134.96
		1559	11.38	12.44	-10.33	6.20	-4.09	10.15	817.77	268.62	466.96	619.44	263.78
		1588	6.98	8.99	-11.75	5.35	-8.10	7.90	529.84	222.64	273.41	479.08	114.10
1405	25	1559	12.30	12.49	-18.19	7.21	-12.91	11.58	899.69	284.70	472.15	712.24	283.09
		1807	16.62	16.76	-8.45	6.84	1.47	12.32	1146.96	222.32	491.97	877.31	420.26
		1815	31.17	21.68	-15.36	5.20	1.12	18.41	2121.10	278.47	830.70	1568.86	844.16
		1587	23.46	12.36	-27.54	4.39	-19.57	15.95	1714.62	509.59	1003.28	1220.93	592.61
1405	57	1559	11.39	12.32	-12.38	6.46	-6.52	10.51	823.84	267.38	446.34	644.88	259.92
		1807	15.57	15.78	-7.36	5.26	3.16	11.52	1070.09	205.72	465.20	810.61	396.18
		1815	29.95	19.18	-11.36	4.47	3.36	15.26	2039.88	257.61	795.87	1501.63	818.29
		1587	22.36	10.23	-19.50	3.28	-12.56	12.58	1636.39	485.98	969.26	1153.11	567.81
1405	89	1559	11.32	12.33	-11.97	6.41	-6.05	10.43	817.99	266.06	444.36	639.69	258.10
		1807	15.49	15.72	-7.28	5.15	3.29	11.46	1064.11	204.48	463.15	805.43	394.27
		1815	29.85	19.00	-11.07	4.42	3.52	15.03	2033.54	256.02	793.15	1496.41	816.24
		1587	22.27	10.08	-18.92	3.20	-12.04	12.34	1630.33	484.17	966.62	1147.88	565.87
1406	25	1807	17.10	17.72	-10.16	5.19	2.37	13.87	1153.54	172.99	446.45	880.08	439.73
		1812	21.02	26.99	-0.07	5.26	21.66	10.76	1349.97	80.68	312.82	1117.83	490.68
		1816	36.88	37.69	-9.15	1.26	27.28	19.47	2329.32	21.98	441.16	1910.14	889.66
		1815	31.44	21.77	-20.27	0.68	0.82	21.02	2134.48	291.83	838.93	1587.38	841.90
1406	57	1807	15.98	16.66	-8.18	4.65	3.82	12.41	1077.82	164.69	429.93	812.58	414.55
		1812	19.54	22.33	-1.34	3.67	17.32	9.67	1260.38	70.53	293.79	1037.12	464.54
		1816	35.18	31.59	-6.19	1.66	23.74	15.33	2234.58	9.13	411.25	1832.46	856.27
		1815	30.02	19.08	-13.87	2.18	3.04	16.47	2050.90	282.20	809.87	1523.24	809.23
1406	89	1807	15.90	16.58	-8.04	4.61	3.93	12.31	1071.94	164.05	428.64	807.35	412.56
		1812	19.43	21.99	-1.44	3.55	17.00	9.59	1253.36	69.73	292.28	1030.80	462.48
		1816	35.05	31.15	-5.98	1.69	23.48	15.03	2227.11	8.20	408.94	1826.37	853.59
		1815	29.91	18.88	-13.40	2.29	3.20	16.13	2044.35	281.56	807.65	1518.27	806.61
1407	25	1812	22.31	25.64	-2.10	2.15	21.39	10.00	1396.05	-5.10	266.82	1124.13	554.13
		1806	22.24	47.18	2.46	2.53	47.11	1.80	1326.63	-14.62	32.47	1279.54	246.87
		1811	37.06	64.91	-1.40	0.23	63.28	10.25	2228.93	-46.17	31.69	2151.06	413.63
		1816	38.70	37.12	-8.84	0.62	27.66	18.58	2407.06	-65.89	403.26	1937.92	969.57
1407	57	1812	20.90	21.87	-2.62	1.98	17.27	9.57	1311.21	-9.39	258.32	1043.51	530.91
		1806	20.31	33.87	1.15	1.25	33.77	1.76	1236.31	-18.87	22.44	1195.00	223.91
		1811	35.06	51.72	-0.77	0.08	50.87	6.65	2139.16	-49.70	21.07	2068.39	387.18
		1816	37.06	31.69	-5.77	1.64	24.28	14.92	2320.46	-67.98	393.30	1859.19	942.85
1407	89	1812	20.79	21.60	-2.66	1.97	16.96	9.54	1304.58	-9.73	257.64	1037.21	529.07
		1806	20.17	32.88	1.06	1.15	32.79	1.75	1229.21	-19.22	21.64	1188.36	222.11
		1811	34.91	50.75	-0.73	0.07	49.95	6.38	2132.11	-49.96	20.26	2061.89	385.08
		1816	36.94	31.29	-5.55	1.72	24.03	14.66	2313.67	-68.11	392.53	1853.04	940.72
1408	25	1587	23.27	7.23	-24.97	2.52	-20.26	11.38	1679.50	385.52	987.55	1077.46	645.43
		1815	30.71	7.88	-5.58	3.39	-1.09	6.34	2226.87	498.39	999.76	1725.51	784.37
		1818	58.88	16.64	-27.43	-12.31	1.51	20.92	3849.28	49.85	1214.44	2684.68	1751.71
		1586	47.41	-13.10	-47.35	-22.43	-38.03	15.24	3538.93	1104.44	2107.57	2535.79	1198.26
1408	57	1587	22.23	9.75	-16.88	4.12	-11.26	10.87	1593.37	371.10	955.16	1009.31	610.54
		1815	29.03	11.24	-6.96	2.96	1.32	9.06	2084.93	464.42	960.12	1589.23	746.70
		1818	56.51	16.93	-19.21	-6.62	4.34	17.21	3674.33	-9.45	1102.19	2562.69	1690.94
		1586	45.31	-9.29	-32.23	-15.13	-26.39	9.99	3389.19	1066.70	1992.28	2463.60	1137.08
1408	89	1587	22.15	9.95	-16.31	4.24	-10.60	10.83	1586.77	370.07	952.64	1004.20	607.80
		1815	28.90	11.51	-7.08	2.94	1.50	9.26	2073.85	461.73	956.97	1578.61	743.72
		1818	56.33	16.95	-18.60	-6.20	4.55	16.95	3660.51	-13.77	1093.62	2553.12	1685.99
		1586	45.15	-9.01	-31.12	-14.60	-25.53	9.61	3377.56	1064.07	1983.54	2458.09	1132.15
1409	25	1815	32.54	15.88	-14.18	2.21	-0.51	14.97	2203.46	214.98	821.59	1596.85	915.57
		1816	38.38	35.70	1.75	4.13	33.32	8.67	2491.22	90.47	528.05	2053.65	926.84
		1819	59.10	39.78	-12.55	-5.23	32.46	18.15	3662.01	-235.06	265.84	3161.11	1304.28
		1818	57.73	10.34	-19.75	-10.91	1.50	13.71	3916.09	277.63	1148.14	3045.58	1552.26
1409	57	1815	30.60	17.29	-12.05	3.26	1.98	14.66	2061.16	195.21	792.57	1463.79	870.52
		1816	36.28	31.16	0.23	3.87	27.52	9.97	2352.82	73.82	496.59	1930.06	885.86
		1819	56.62	34.25	-9.14	-2.69	27.80	15.43	3521.68	-233.93	248.43	3039.32	1256.53
		1818	55.36	10.12	-13.45	-7.26	3.93	10.38	3768.43	278.83	1133.10	2914.16	1500.43
1409	89	1815	30.45	17.40	-11.90	3.34	2.17	14.64	2050.03	193.68	790.27	1453.44	866.93
		1816	36.12	30.85	0.10	3.86	27.09	10.06	2341.91	72.55	494.10	1920.35	882.59
		1819	56.43	33.84	-8.89	-2.51	27.46	15.23	3510.65	-233.78	247.10	3029.77	1252.75
		1818	55.18	10.11	-13.00	-6.99	4.11	10.13	3756.91	278.98	1131.94	2903.95	1496.33
1410	25	1816	40.40	34.98	-2.65	0.74	31.58	10.78	2533.08	-83.95	427.18	2021.95	1037.50
		1811	39.15	65.19	2.07	2.07	65.19	0.35	2387.31	-36.03	46.86	2304.42	440.45
		1810	54.98	87.93	-1.36	0.21	86.36	11.74	3329.76	-79.51	4.72	3245.53	529.21
		1819	60.08	44.08	-8.36	-0.99	36.72	18.22	3720.70	-235.00	308.29	3177.42	1361.59
1410	57	1816	38.37	30.83	-3.43	1.41	25.98	11.94	2403.13	-91.33	414.24	1897.56	1002.75
		1811	36.63	52.34	1.14	1.20	52.28	1.85	2253.21	-41.99	33.00	2178.21	408.04
		1810	52.29	75.35	-0.76	0.24	74.36	8.63	3198.80	-69.16	7.40	3122.24	494.31
		1819	57.66	37.94	-5.50	0.45	32.00	14.93	3590.74	-223.64	311.16	3055.94	1324.35
1410	89	1816	38.21	30.54	-3.51	1.46	25.57	12.03	2392.93	-91.91	413.20	1887.81	999.99
		1811	36.43	51.41	1.06	1.14	51.33	1.96	2242.68	-42.48	31.89	2168.31	405.49
		1810	52.08	74.43	-0.72	0.24	73.48	8.40	3188.53	-68.36	7.60	3112.57	491.56
		1819	57.47	37.49	-5.29	0.55	31.65	14.69	3580.54	-222.73	311.39	3046.42	1321.40
1411	17	1586	85.59	-21.28	-38.34	-38.30	-21.31	0.77	4644.87	-1656.67	3133.27	-145.07	2690.81
		1818	77.78	12.47	-18.31	-6.03	0.19	-15.07	5618.16	1160.87	1947.04	4831.99	1698.86

		1805	51.96	14.72	-43.79	-32.17	3.10	23.34	2436.46	-1327.75	-785.88	1894.59	1321.40
		52	196.24	9.49	-66.92	-6.95	-50.49	-31.40	1.354e+04	1392.55	1488.85	1.344e+04	1077.25
1411	49	1586	83.53	-8.23	-33.66	-30.97	-10.92	7.83	4406.97	-1834.95	3028.74	-456.71	2589.07
		1818	75.15	9.89	-10.29	-0.17	-0.22	-10.09	5431.87	1094.58	1843.23	4683.22	1639.09
		1805	50.46	14.80	-43.19	-31.51	3.12	23.26	2374.75	-1273.64	-670.63	1771.73	1355.14
		52	189.73	12.78	-58.50	-5.56	-40.16	-31.16	1.320e+04	1535.14	1609.83	1.312e+04	930.27
1411	81	1586	83.38	-7.16	-33.43	-30.43	-10.15	8.35	4388.43	-1849.27	3020.49	-481.33	2581.00
		1818	74.94	9.72	-9.73	0.26	-0.27	-9.72	5417.07	1089.63	1835.24	4671.46	1634.22
		1805	50.35	14.80	-43.15	-31.46	3.11	23.25	2370.21	-1269.83	-661.95	1762.33	1357.65
		52	189.23	13.04	-57.89	-5.46	-39.40	-31.14	1.317e+04	1545.77	1618.91	1.310e+04	919.19
1412	25	1818	69.74	-7.14	-15.84	-12.87	-10.12	4.13	4510.13	-258.12	1057.32	3194.68	2131.19
		1819	65.37	43.32	3.42	3.47	43.27	1.42	4087.02	-287.03	196.62	3603.37	1371.72
		1809	54.61	11.59	-20.61	-18.77	9.75	7.48	3443.02	-233.41	-144.97	3354.59	563.29
		1805	77.68	26.23	-37.77	-26.75	15.21	-24.16	5087.66	-54.29	33.44	4999.93	665.90
1412	57	1818	67.63	-0.87	-17.64	-9.35	-9.16	8.39	4341.80	-271.07	1040.67	3030.06	2080.92
		1819	62.81	39.71	5.39	6.10	38.99	4.90	3918.55	-290.68	179.85	3448.02	1326.34
		1809	51.75	7.15	-19.39	-18.07	5.83	5.77	3282.30	-207.84	-130.63	3205.08	513.36
		1805	75.05	24.98	-33.68	-25.01	16.31	-20.82	4917.88	-30.76	46.17	4840.96	612.17
1412	89	1818	67.47	-0.39	-17.79	-9.10	-9.08	8.70	4328.68	-272.07	1039.38	3017.24	2076.96
		1819	62.61	39.48	5.49	6.30	38.68	5.16	3905.40	-290.95	178.56	3435.89	1322.80
		1809	51.52	6.83	-19.30	-18.02	5.55	5.64	3269.79	-205.87	-129.50	3193.42	509.50
		1805	74.84	24.89	-33.38	-24.88	16.39	-20.58	4904.68	-28.92	47.18	4828.58	607.97
1413	25	1819	65.04	35.36	0.39	2.93	32.82	9.07	3997.58	-416.56	212.29	3368.73	1542.84
		1810	60.25	91.71	2.61	2.71	91.61	2.94	3678.44	-86.58	15.49	3576.37	611.46
		1804	55.74	111.50	0.12	1.02	110.60	9.98	3357.59	26.04	65.07	3318.56	358.50
		1809	57.87	28.35	-15.88	-15.44	27.92	4.37	3667.55	-133.49	-39.58	3573.64	590.03
1413	57	1819	62.61	32.75	-0.52	4.40	27.83	11.81	3840.57	-415.87	211.17	3213.53	1508.57
		1810	57.48	80.13	2.12	2.50	79.74	5.44	3531.24	-79.20	15.60	3436.43	577.32
		1804	53.03	99.95	-0.60	0.08	99.27	8.21	3212.68	22.59	55.52	3179.75	322.44
		1809	55.18	23.66	-15.03	-14.82	23.45	2.85	3505.84	-133.50	-47.23	3419.57	553.63
1413	89	1819	62.43	32.60	-0.62	4.51	27.46	12.01	3828.34	-415.85	211.07	3201.42	1505.91
		1810	57.26	79.28	2.07	2.49	78.87	5.62	3519.75	-78.64	15.60	3425.51	574.67
		1804	52.82	99.10	-0.65	5.99e-03	98.44	8.08	3201.38	22.32	54.80	3168.90	319.69
		1809	54.97	23.32	-14.97	-14.78	23.13	2.74	3493.24	-133.50	-47.81	3407.54	550.86
1414	25	1683	2.18	13.47	-0.91	13.15	-0.59	2.13	78.08	-60.95	15.93	1.20	69.12
		1823	2.48	9.28	0.21	8.99	0.50	1.58	123.20	-26.93	93.27	2.99	59.97
		1831	4.60	11.99	-3.46	8.14	0.40	6.68	252.56	-22.01	122.19	108.36	137.11
		1711	3.97	14.21	-4.92	10.25	-0.95	7.75	183.54	-55.31	57.71	70.51	119.25
1414	57	1683	1.70	10.42	-0.36	10.27	-0.22	1.23	55.81	-60.57	-1.44	-3.33	58.18
		1823	2.01	6.12	0.10	6.00	0.22	0.85	100.11	-28.26	75.69	-3.84	50.38
		1831	4.18	9.55	-2.88	5.95	0.72	5.64	231.76	-22.31	106.74	102.72	127.02
		1711	3.52	11.68	-3.90	8.18	-0.40	6.50	163.26	-53.83	42.39	67.03	107.84
1414	89	1683	1.67	10.19	-0.32	10.06	-0.19	1.16	54.16	-60.55	-2.73	-3.67	57.35
		1823	1.97	5.89	0.09	5.78	0.20	0.80	98.38	-28.36	74.38	-4.36	49.65
		1831	4.15	9.37	-2.84	5.79	0.75	5.56	230.20	-22.32	105.59	102.29	126.25
		1711	3.48	11.49	-3.83	8.02	-0.36	6.41	161.75	-53.72	41.25	66.77	106.98
1415	25	1823	2.29	6.22	-0.79	5.78	-0.34	1.70	114.78	-29.76	82.75	2.27	60.04
		1828	1.83	3.51	0.22	2.96	0.77	1.23	102.58	-15.31	85.21	2.06	41.79
		1832	4.44	8.29	-1.36	4.13	2.81	4.78	262.57	-9.92	94.18	158.46	132.40
		1831	4.48	10.81	-3.96	6.26	0.59	6.82	242.52	-27.85	109.73	104.95	135.16
1415	57	1823	1.96	4.67	-0.38	4.46	-0.18	0.99	97.70	-30.67	71.27	-4.24	51.91
		1828	1.54	1.73	0.09	1.54	0.28	0.53	86.62	-18.81	73.34	-5.53	34.98
		1832	4.13	6.37	-1.14	2.85	2.38	3.75	247.30	-10.68	84.60	152.02	124.51
		1831	4.13	9.13	-3.19	5.10	0.84	5.78	226.99	-25.30	100.47	101.22	126.14
1415	89	1823	1.93	4.56	-0.35	4.37	-0.17	0.94	96.42	-30.74	70.41	-4.73	51.29
		1828	1.52	1.60	0.08	1.43	0.24	0.48	85.42	-19.09	72.45	-6.11	34.46
		1832	4.10	6.23	-1.13	2.76	2.35	3.67	246.14	-10.73	83.89	151.52	123.91
		1831	4.10	9.01	-3.13	5.01	0.86	5.70	225.81	-25.09	99.78	100.94	125.45
1416	25	1828	1.52	1.39	0.16	0.98	0.56	0.58	86.83	-18.05	65.06	3.72	42.54
		1822	0.18	0.74	0.13	0.42	0.44	0.30	11.25	2.60	9.87	3.98	3.17
		1827	3.50	2.30	0.16	0.45	2.01	0.73	223.43	-4.94	11.62	206.87	59.21
		1832	4.57	6.26	-1.11	2.24	2.92	3.67	267.28	-27.16	76.08	164.04	140.50
1416	57	1828	1.39	0.77	0.10	0.64	0.23	0.26	78.16	-20.82	60.61	-3.27	37.80
		1822	0.13	0.07	0.01	0.06	0.01	-0.02	5.15	-4.31	5.09	-4.25	-0.78
		1827	3.34	1.68	0.05	0.13	1.59	0.37	213.81	-6.23	8.10	199.48	54.30
		1832	4.36	5.57	-1.05	1.93	2.58	3.30	256.68	-26.17	72.63	157.88	134.85
1416	89	1828	1.38	0.73	0.09	0.62	0.20	0.24	77.51	-21.05	60.27	-3.81	37.44
		1822	0.13	0.06	-0.04	0.03	-0.02	-0.04	4.85	-5.01	4.73	-4.89	-1.08
		1827	3.33	1.64	0.03	0.11	1.56	0.34	213.07	-6.33	7.84	198.90	53.92
		1832	4.35	5.52	-1.05	1.91	2.56	3.27	255.86	-26.09	72.38	157.40	134.41
1417	25	1711	3.70	14.32	-6.60	9.99	-2.27	8.48	182.02	-31.14	56.12	94.76	104.82
		1831	4.37	11.89	-3.83	7.80	0.27	6.90	254.77	7.67	119.91	142.53	123.03
		1797	8.57	17.16	-8.66	6.87	1.63	12.64	547.57	83.81	237.38	394.00	218.26
		1710	6.41	16.65	-11.41	8.15	-2.91	12.90	404.95	82.41	196.01	291.34	154.07
1417	57	1711	3.14	11.75	-4.53	8.08	-0.85	6.80	152.38	-32.98	40.22	79.18	90.61
		1831	3.83	9.47	-2.93	5.68	0.86	5.71	222.22	1.37	103.59	120.00	110.12
		1797	7.95	14.01	-6.45	5.16	2.40	10.14	514.40	78.43	219.76	373.06	204.06

		1710	5.81	13.79	-8.49	6.68	-1.38	10.38	375.19	80.65	178.53	277.31	138.74
1417	89	1711	3.09	11.56	-4.38	7.94	-0.75	6.68	150.15	-33.10	39.04	78.01	89.53
		1831	3.79	9.29	-2.87	5.52	0.90	5.63	219.74	0.90	102.37	118.27	109.13
		1797	7.90	13.79	-6.29	5.04	2.46	9.95	511.85	78.03	218.44	371.45	202.97
		1710	5.77	13.58	-8.27	6.57	-1.26	10.20	372.94	80.53	177.21	276.25	137.57
1418	25	1831	4.38	11.61	-5.16	6.05	0.40	7.90	249.17	0.95	107.36	142.76	122.84
		1832	4.65	10.77	-1.40	4.18	5.18	6.06	277.92	9.88	92.84	194.96	123.91
		1798	10.26	17.52	-4.68	3.60	9.25	10.73	635.61	29.78	161.76	503.63	250.08
		1797	8.64	16.70	-9.61	5.22	1.87	13.05	546.67	73.74	225.65	394.76	220.83
1418	57	1831	3.86	9.48	-3.64	4.88	0.96	6.26	220.24	-2.43	97.33	120.47	110.73
		1832	4.08	7.61	-1.28	2.68	3.66	4.42	247.76	5.07	82.09	170.74	112.96
		1798	9.62	13.76	-3.38	2.48	7.90	8.13	604.53	25.93	149.49	480.98	237.11
		1797	8.03	13.96	-7.02	4.38	2.56	10.45	515.85	72.02	213.75	374.12	206.92
1418	89	1831	3.82	9.32	-3.53	4.80	1.00	6.14	218.03	-2.69	96.57	118.76	109.80
		1832	4.04	7.38	-1.27	2.57	3.54	4.30	245.43	4.70	81.27	168.86	112.11
		1798	9.57	13.48	-3.28	2.40	7.80	7.94	602.12	25.65	148.56	479.21	236.10
		1797	7.98	13.76	-6.83	4.32	2.61	10.26	513.48	71.90	212.86	372.52	205.85
1419	25	1832	4.88	8.88	-1.40	2.28	5.20	4.93	286.78	-13.24	73.80	199.73	136.16
		1827	4.12	6.41	0.78	1.13	6.06	1.36	254.86	0.70	13.02	242.54	54.58
		1826	10.05	14.05	-0.44	0.37	13.24	3.34	618.39	-8.74	16.97	592.69	124.34
		1798	10.77	15.02	-4.20	1.58	9.23	8.82	658.53	-5.92	139.88	512.72	274.99
1419	57	1832	4.40	6.88	-1.34	1.77	3.77	3.98	260.48	-15.37	69.41	175.71	127.27
		1827	3.60	3.78	0.30	0.44	3.63	0.70	226.99	-1.69	8.08	217.23	46.24
		1826	9.52	11.35	-0.23	0.12	11.00	1.97	591.13	-10.89	11.76	568.48	114.56
		1798	10.23	12.78	-3.27	1.53	7.98	7.35	631.06	-6.44	134.79	489.83	264.74
1419	89	1832	4.37	6.73	-1.33	1.73	3.67	3.91	258.45	-15.54	69.07	173.84	126.59
		1827	3.56	3.58	0.26	0.39	3.45	0.65	224.82	-1.88	7.70	215.25	45.60
		1826	9.48	11.16	-0.22	0.10	10.84	1.87	589.01	-11.06	11.36	566.59	113.80
		1798	10.19	12.61	-3.20	1.53	7.88	7.24	628.93	-6.47	134.41	488.05	263.95
1420	25	1710	6.36	13.75	-11.39	7.79	-5.43	10.69	422.91	91.35	190.89	323.37	151.97
		1797	8.73	14.90	-6.72	6.60	1.59	10.52	574.23	94.81	235.65	433.39	218.37
		1807	16.65	20.37	-10.76	7.03	2.58	15.41	1126.69	203.83	478.64	851.89	422.00
		1559	12.43	15.89	-16.62	6.90	-7.64	14.54	878.68	270.47	485.69	663.46	290.83
1420	57	1710	5.73	12.53	-8.25	6.63	-2.36	9.36	379.93	85.99	173.96	291.96	134.61
		1797	7.96	13.05	-5.52	5.01	2.53	9.20	522.24	84.30	218.18	388.35	201.77
		1807	15.78	17.44	-8.29	5.44	3.71	12.83	1071.68	188.65	451.03	809.31	403.54
		1559	11.61	13.65	-12.34	5.74	-4.43	11.96	824.81	257.34	458.04	624.11	271.31
1420	89	1710	5.68	12.44	-8.03	6.55	-2.14	9.27	376.67	85.60	172.68	289.59	133.28
		1797	7.90	12.92	-5.43	4.90	2.59	9.11	518.23	83.49	216.86	384.87	200.48
		1807	15.72	17.23	-8.11	5.33	3.79	12.65	1067.42	187.52	448.93	806.01	402.10
		1559	11.54	13.49	-12.03	5.66	-4.20	11.77	820.66	256.37	455.95	621.08	269.80
1421	25	1797	8.85	14.75	-7.64	5.42	1.68	11.04	574.92	80.83	220.16	435.59	222.33
		1798	10.61	17.50	-1.15	4.69	11.65	8.65	667.03	38.38	164.18	541.23	251.51
		1812	20.34	26.84	-5.44	4.07	17.32	14.72	1286.69	54.74	290.98	1050.44	485.01
		1807	16.88	20.74	-13.31	5.05	2.39	16.97	1129.24	185.14	458.59	855.79	428.24
1421	57	1797	8.07	13.16	-6.00	4.52	2.65	9.53	524.64	75.23	209.00	390.86	205.48
		1798	9.70	13.88	-1.71	3.03	9.14	7.17	614.72	32.78	151.91	495.59	234.80
		1812	19.32	22.04	-3.99	2.92	15.13	11.49	1232.01	47.42	273.41	1006.02	465.44
		1807	15.96	17.79	-9.71	4.45	3.63	13.74	1076.04	178.41	442.06	812.38	408.84
1421	89	1797	8.01	13.05	-5.88	4.45	2.72	9.42	520.76	74.79	208.14	387.41	204.18
		1798	9.63	13.62	-1.75	2.91	8.95	7.07	610.64	32.35	150.96	492.03	233.50
		1812	19.24	21.69	-3.88	2.84	14.97	11.26	1227.73	46.87	272.05	1002.54	463.90
		1807	15.89	17.57	-9.45	4.41	3.72	13.51	1071.91	177.91	440.80	809.03	407.32
1422	25	1798	11.24	15.70	-1.81	2.26	11.63	7.39	692.68	-2.67	139.62	550.38	280.53
		1826	10.99	22.40	1.94	2.14	22.21	1.97	659.22	-5.18	19.05	634.99	124.53
		1806	20.79	35.27	-0.89	0.70	33.68	7.43	1256.02	-21.63	25.27	1209.12	240.26
		1812	21.56	25.91	-7.48	1.34	17.08	14.72	1334.99	-7.94	261.49	1065.56	537.80
1422	57	1798	10.40	13.18	-2.13	1.85	9.20	6.71	643.72	-4.83	134.40	504.49	266.29
		1826	9.90	15.46	0.86	0.98	15.34	1.33	606.46	-7.74	12.74	585.97	110.29
		1806	19.66	28.04	-0.43	0.28	27.33	4.44	1203.77	-24.99	17.23	1161.55	223.83
		1812	20.56	21.84	-5.02	1.67	15.15	11.61	1284.75	-10.00	253.59	1021.16	521.35
1422	89	1798	10.34	13.00	-2.15	1.82	9.03	6.66	639.91	-5.01	133.99	500.91	265.18
		1826	9.81	14.95	0.78	0.90	14.84	1.29	602.33	-7.96	12.24	582.12	109.18
		1806	19.57	27.52	-0.40	0.25	26.86	4.22	1199.67	-25.24	16.62	1157.81	222.54
		1812	20.48	21.54	-4.83	1.70	15.01	11.38	1280.83	-10.14	252.99	1017.70	520.05
1423	6	1835	5.29	-19.09	-52.60	-49.97	-21.72	-9.01	175.87	-118.76	164.50	-107.39	-56.75
		60	17.28	15.27	-39.99	-38.64	13.93	8.52	1158.27	324.04	941.87	540.44	-365.65
		1778	5.86	38.47	-16.25	-1.36	23.58	24.36	374.68	102.86	374.60	102.95	4.92
		1852	2.69	8.22	-14.01	-4.34	-1.45	11.02	152.70	-25.20	151.24	-23.74	16.06
1423	38	1835	4.50	-7.89	-23.42	-22.28	-9.02	-4.04	176.20	-107.67	175.34	-106.81	15.62
		60	15.21	6.70	-17.09	-16.52	6.13	3.63	1072.24	291.04	927.56	435.72	-303.47
		1778	5.65	18.48	-8.08	-0.95	11.35	11.77	351.98	-5.96	350.21	-4.20	25.04
		1852	2.94	3.32	-5.85	-2.17	-0.36	4.50	149.26	-65.96	142.36	-59.06	37.90
1423	70	1835	4.46	-7.02	-21.18	-20.16	-8.04	-3.66	177.77	-108.30	176.20	-106.73	21.12
		60	15.06	6.04	-15.33	-14.82	5.53	3.25	1066.27	287.96	926.51	427.72	-298.73
		1778	5.66	16.95	-7.46	-0.92	10.41	10.81	350.32	-14.34	348.37	-12.40	26.57
		1852	2.96	2.95	-5.23	-2.00	-0.28	3.99	149.12	-69.18	141.69	-61.76	39.56

1424	4	1800	17.62	-10.57	-241.39	-10.64	-241.32	-4.04	150.28	-331.46	130.14	-311.32	96.42
		1853	11.22	11.29	-105.37	10.81	-104.89	-7.50	36.71	-412.44	-17.21	-358.53	145.98
		1837	7.79	-28.20	-99.57	-63.33	-64.45	35.68	9.94	-249.92	-27.19	-212.79	90.93
		1799	19.25	-52.85	-326.77	-85.72	-293.91	89.01	72.28	-250.57	-3.24	-175.05	136.67
1424	36	1800	12.19	-1.61	-121.78	-1.76	-121.64	-4.17	121.00	-349.50	116.11	-344.62	47.71
		1853	8.84	3.03	-54.28	3.02	-54.28	0.42	4.14	-415.02	-26.43	-384.45	108.99
		1837	4.80	-12.72	-49.87	-34.24	-28.34	18.34	-15.79	-224.12	-22.68	-217.23	37.26
		1799	12.62	-30.07	-179.40	-47.50	-161.97	47.95	-8.23	-298.11	-73.89	-232.45	121.33
1424	68	1800	11.78	-0.93	-112.64	-1.09	-112.48	-4.20	119.19	-351.40	115.04	-347.24	44.02
		1853	8.66	2.45	-50.40	2.43	-50.38	1.03	1.89	-415.48	-27.12	-386.47	106.16
		1837	4.59	-11.48	-46.09	-32.00	-25.57	17.01	-16.93	-223.10	-22.41	-217.61	33.17
		1799	12.12	-28.28	-168.11	-44.53	-151.86	44.81	-14.40	-301.82	-79.30	-236.91	120.18
1425	7	1842	12.45	14.80	-0.90	2.56	11.33	6.51	8.23	-800.10	-3.95	-787.91	98.50
		1776	13.78	-5.76	-40.15	-7.13	-38.79	6.72	-1.99	-796.53	-10.87	-787.65	83.49
		1775	15.23	-4.35	-47.64	-8.46	-43.53	-12.70	-43.71	-913.44	-52.17	-904.99	85.35
		1845	13.99	16.55	-9.06	1.12	6.37	-12.53	-13.95	-905.24	-23.86	-895.32	93.47
1425	39	1842	11.50	7.28	-0.17	1.23	5.89	2.91	11.43	-747.04	1.49	-737.10	86.25
		1776	12.07	-2.84	-19.70	-3.44	-19.10	3.12	1.61	-743.76	-5.25	-736.90	71.21
		1775	13.53	-2.08	-23.39	-4.03	-21.44	-6.15	-40.18	-860.83	-46.77	-854.25	73.22
		1845	12.97	8.43	-4.29	0.56	3.58	-6.18	-10.65	-852.46	-18.59	-844.52	81.37
1425	71	1842	11.43	6.71	-0.12	1.12	5.47	2.63	11.68	-743.01	1.90	-733.24	85.31
		1776	11.94	-2.62	-18.13	-3.16	-17.59	2.85	1.89	-739.76	-4.83	-733.04	70.27
		1775	13.40	-1.91	-21.53	-3.69	-19.74	-5.65	-39.91	-856.84	-46.36	-850.39	72.28
		1845	12.89	7.80	-3.93	0.52	3.36	-5.69	-10.40	-848.46	-18.20	-840.66	80.44
1426	4	1841	12.38	28.28	-13.55	1.38	13.35	20.04	-1.82	-801.99	-15.87	-787.94	105.10
		1774	14.46	-1.17	-54.08	-9.92	-45.33	19.66	-42.39	-824.24	-54.16	-812.47	95.20
		1773	12.38	-12.35	-51.81	-12.50	-51.66	-2.43	-47.74	-698.00	-55.73	-690.01	71.63
		1844	10.26	8.01	-1.72	-1.22	7.50	-2.15	1.59	-654.35	-8.03	-644.73	78.88
1426	36	1841	12.09	13.65	-6.02	0.69	6.94	9.33	-8.26	-796.59	-18.26	-786.59	88.21
		1774	13.10	-0.70	-26.26	-4.70	-22.26	9.29	-48.89	-820.38	-56.89	-812.39	78.14
		1773	11.18	-5.86	-25.40	-5.93	-25.33	-1.20	-51.96	-695.89	-56.54	-691.31	54.12
		1844	9.98	4.51	-0.84	-0.54	4.21	-1.22	-2.57	-650.55	-8.48	-644.63	61.60
1426	68	1841	12.06	12.54	-5.45	0.64	6.45	8.51	-8.72	-796.16	-18.43	-786.45	86.93
		1774	13.00	-0.66	-24.14	-4.30	-20.50	8.50	-49.35	-820.08	-57.08	-812.34	76.84
		1773	11.09	-5.36	-23.39	-5.43	-23.32	-1.10	-52.23	-695.73	-56.59	-691.37	52.79
		1844	9.96	4.24	-0.77	-0.49	3.96	-1.15	-2.84	-650.25	-8.50	-644.59	60.30
1427	8	1844	10.08	28.54	-20.60	-0.94	8.88	24.08	-2.09	-651.91	-9.02	-644.98	66.75
		1773	12.30	4.32	-53.71	-10.05	-39.35	25.04	-53.82	-699.82	-58.58	-695.06	55.26
		1772	8.31	-9.79	-44.07	-11.49	-42.37	7.43	-29.26	-439.29	-30.08	-438.48	18.22
		1846	5.97	6.75	-5.99	-3.11	3.87	5.33	17.16	-371.61	16.33	-370.78	17.89
1427	40	1844	9.87	13.78	-9.32	-0.41	4.88	11.24	-4.23	-649.82	-9.35	-644.70	57.26
		1773	11.10	1.82	-26.09	-4.76	-19.51	11.85	-55.31	-697.25	-58.73	-693.83	46.71
		1772	7.31	-4.74	-21.79	-5.48	-21.05	3.48	-27.34	-437.24	-27.59	-436.99	10.07
		1846	5.86	3.61	-2.51	-1.44	2.54	2.33	18.90	-370.23	18.69	-370.03	8.90
1427	72	1844	9.86	12.66	-8.46	-0.37	4.57	10.26	-4.38	-649.67	-9.37	-644.68	56.53
		1773	11.01	1.64	-23.99	-4.36	-17.99	10.85	-55.42	-697.06	-58.74	-693.74	46.05
		1772	7.23	-4.35	-20.09	-5.02	-19.41	3.18	-27.18	-437.09	-27.40	-436.87	9.45
		1846	5.85	3.38	-2.25	-1.32	2.44	2.10	19.05	-370.14	18.88	-369.97	8.21
1428	3	1847	11.49	10.99	-26.44	-1.75	-13.70	17.74	742.37	124.85	151.45	715.78	-125.36
		1770	11.32	8.96	-35.54	-3.80	-22.78	20.12	752.13	338.70	368.47	722.37	-106.86
		58	22.36	12.43	-29.11	0.90	-17.58	18.60	1660.02	761.12	762.80	1658.33	38.91
		1839	16.21	13.58	-19.70	3.65	-9.77	15.22	933.19	-195.18	-192.99	931.00	49.65
1428	35	1847	10.79	5.41	-12.50	-0.84	-6.25	8.54	728.87	108.77	149.52	688.13	-153.64
		1770	9.61	4.11	-17.64	-2.10	-11.43	9.83	681.49	322.82	360.37	643.94	-109.81
		58	21.01	5.30	-15.48	-0.69	-9.49	9.41	1585.37	806.80	806.99	1585.18	12.27
		1839	14.91	6.82	-9.19	1.31	-3.69	7.60	899.55	-142.27	-142.20	899.49	8.27
1428	67	1847	10.73	4.99	-11.44	-0.77	-5.68	7.84	727.95	107.47	149.41	686.01	-155.77
		1770	9.48	3.74	-16.28	-1.97	-10.57	9.04	676.26	321.53	359.80	637.99	-110.05
		58	20.91	4.75	-14.44	-0.82	-8.87	8.71	1579.75	810.19	810.33	1579.61	10.26
		1839	14.81	6.30	-8.40	1.13	-3.22	7.02	897.14	-138.37	-138.35	897.12	5.13
1429	3	1790	3.47	14.21	-11.49	-2.29	5.00	12.32	187.98	2.88	5.91	184.95	23.48
		1843	3.33	6.83	-21.67	-4.45	-10.40	13.94	154.94	26.03	52.70	128.28	-52.22
		1847	10.34	5.75	-17.40	-0.29	-11.36	10.17	652.97	31.48	42.78	641.67	-83.04
		1789	9.37	10.51	-4.52	3.15	2.85	7.52	597.07	-41.63	-41.59	597.04	4.52
1429	35	1790	2.73	8.27	-4.42	-1.08	4.93	5.59	161.46	5.19	5.43	161.22	6.10
		1843	2.55	3.47	-9.71	-1.99	-4.25	6.49	136.45	9.01	56.80	88.66	-61.69
		1847	9.34	2.77	-7.87	-0.66	-4.44	4.97	621.23	43.74	61.01	603.97	-98.36
		1789	9.01	6.20	-0.86	1.60	3.75	3.36	577.27	-28.12	-27.44	576.59	-20.23
1429	67	1790	2.68	7.84	-3.90	-0.99	4.92	5.07	159.56	5.26	5.41	159.41	4.78
		1843	2.50	3.21	-8.79	-1.81	-3.77	5.92	135.41	7.33	57.09	85.65	-62.43
		1847	9.26	2.54	-7.15	-0.69	-3.92	4.57	618.90	44.56	62.37	601.10	-99.53
		1789	8.99	5.91	-0.61	1.48	3.81	3.04	575.83	-27.18	-26.36	575.02	-22.10
1430	8	1786	10.70	4.24	-64.20	3.61	-63.57	6.53	490.90	-49.40	-22.48	463.97	117.56
		1848	12.46	5.07	-62.15	3.67	-60.75	9.59	662.32	-47.32	57.44	557.56	251.73
		1849	7.61	7.98	-64.10	6.06	-62.19	11.59	350.82	-142.57	67.75	140.51	244.00
		1803	6.95	3.66	-68.44	2.54	-67.32	8.92	278.64	-55.75	19.14	203.76	139.41
1430	40	1786	8.76	2.11	-30.25	1.79	-29.93	3.19	472.82	-32.77	-16.50	456.55	89.22

		1848	10.60	2.47	-30.25	1.38	-29.16	5.88	630.49	-23.08	62.46	544.95	220.42
		1849	6.19	4.56	-32.01	3.13	-30.58	7.10	310.09	-116.60	66.51	126.99	211.19
		1803	5.13	1.73	-33.92	1.21	-33.40	4.29	247.90	-33.49	18.98	195.43	109.60
1430	72	1786	8.61	1.95	-27.66	1.65	-27.37	2.93	471.51	-31.58	-16.04	455.98	87.04
		1848	10.46	2.28	-27.83	1.21	-26.75	5.60	628.07	-21.25	62.84	543.98	218.01
		1849	6.09	4.32	-29.57	2.91	-28.17	6.76	306.96	-114.60	66.41	125.95	208.66
		1803	4.99	1.58	-31.29	1.10	-30.81	3.93	245.59	-31.84	18.97	194.79	107.30
1431	4	1787	6.49	41.44	10.77	12.89	39.32	-7.78	-12.95	-317.11	-40.11	-289.96	86.73
		1852	5.89	18.04	-6.47	5.64	5.93	-12.25	116.04	-261.90	58.90	-204.76	135.39
		1840	10.12	21.83	-26.95	-2.54	-2.58	-24.39	55.19	-570.43	8.83	-524.07	163.89
		1796	10.91	44.31	-7.69	3.86	32.76	-21.61	5.45	-578.99	-20.44	-553.10	120.25
1431	36	1787	4.87	20.27	5.20	6.27	19.20	-3.87	-12.04	-270.92	-31.66	-251.30	68.52
		1852	4.71	9.47	-3.51	2.65	3.31	-6.48	116.83	-206.47	68.76	-158.40	115.02
		1840	8.71	10.92	-12.97	-1.13	-0.92	-11.95	54.05	-517.24	14.00	-477.19	145.86
		1796	9.14	22.32	-3.59	1.88	16.84	-10.57	4.05	-535.16	-17.08	-514.04	104.62
1431	68	1787	4.75	18.66	4.77	5.76	17.67	-3.58	-11.95	-267.37	-31.01	-248.32	67.11
		1852	4.62	8.81	-3.28	2.42	3.11	-6.04	116.89	-202.20	69.53	-154.83	113.45
		1840	8.60	10.09	-11.90	-1.02	-0.79	-11.00	53.97	-513.14	14.40	-473.58	144.47
		1796	9.00	20.64	-3.28	1.73	15.63	-9.73	3.95	-531.80	-16.82	-511.03	103.42
1432	4	1796	12.04	66.55	8.88	8.89	66.53	-0.85	3.89	-598.95	-14.05	-581.02	102.42
		1840	9.43	8.97	-2.85	-2.39	8.51	-2.27	50.92	-566.37	25.60	-541.04	122.44
		1842	12.77	20.21	-26.83	-6.05	-0.57	-23.36	6.61	-791.83	-16.39	-768.83	133.54
		1795	15.30	67.11	-3.21	5.30	58.60	-22.93	2.02	-801.10	-16.02	-783.07	119.00
1432	36	1796	9.78	32.91	4.27	4.28	32.90	-0.64	3.77	-550.14	-10.95	-535.42	89.08
		1840	8.44	4.75	-1.52	-1.18	4.41	-1.41	50.99	-517.02	28.85	-494.88	109.94
		1842	11.59	10.09	-12.78	-2.84	0.15	-11.34	9.09	-742.34	-11.05	-722.20	121.36
		1795	12.93	33.48	-1.46	2.56	29.46	-11.15	4.38	-752.14	-10.78	-736.99	105.99
1432	68	1796	9.61	30.35	3.92	3.93	30.34	-0.62	3.77	-546.38	-10.71	-531.91	88.06
		1840	8.37	4.43	-1.42	-1.09	4.10	-1.35	51.00	-513.22	29.10	-491.32	108.98
		1842	11.50	9.32	-11.71	-2.60	0.21	-10.42	9.28	-738.53	-10.64	-718.61	120.42
		1795	12.75	30.92	-1.33	2.35	27.24	-10.25	4.57	-748.37	-10.37	-733.44	104.99
1433	4	1794	16.63	81.50	6.42	7.44	80.48	8.71	12.12	-860.52	-4.60	-843.81	119.61
		1845	13.43	15.32	-9.28	-6.01	12.05	8.36	-7.20	-858.98	-21.15	-845.03	108.10
		1841	13.38	16.65	-18.85	-7.52	5.31	-16.55	-16.51	-845.98	-30.08	-832.40	105.25
		1793	16.26	77.25	1.41	5.50	73.17	-17.11	6.15	-828.41	-9.12	-813.14	111.85
1433	36	1794	14.37	40.47	3.15	3.57	40.05	3.92	10.82	-831.96	-3.09	-818.05	107.36
		1845	12.71	7.61	-4.18	-2.82	6.24	3.78	-8.01	-830.22	-19.55	-818.68	96.73
		1841	12.53	8.51	-8.95	-3.54	3.10	-8.08	-15.00	-816.81	-26.22	-805.59	94.18
		1793	13.94	38.70	0.70	2.64	36.76	-8.38	7.23	-799.51	-5.34	-786.94	99.90
1433	68	1794	14.20	37.35	2.90	3.27	36.97	3.56	10.73	-829.77	-2.97	-816.08	106.41
		1845	12.65	7.02	-3.80	-2.57	5.80	3.43	-8.07	-828.02	-19.43	-816.66	95.85
		1841	12.47	7.90	-8.20	-3.23	2.93	-7.43	-14.88	-814.58	-25.92	-803.53	93.32
		1793	13.76	35.77	0.64	2.42	33.99	-7.71	7.32	-797.30	-5.05	-784.93	98.98
1434	4	1793	15.25	75.15	3.55	5.43	73.27	11.46	21.89	-789.13	1.45	-768.69	127.11
		1841	12.43	16.00	-12.81	-6.92	10.12	11.61	-3.62	-799.06	-18.69	-783.99	108.46
		1844	10.43	11.28	-14.28	-7.26	4.26	-11.40	-0.90	-652.14	-13.83	-639.21	90.86
		1792	12.84	69.34	2.37	4.68	67.03	-12.22	15.97	-620.61	-1.69	-602.96	104.54
1434	39	1793	13.33	32.65	1.57	2.23	31.99	4.48	16.61	-785.65	0.17	-769.20	113.69
		1841	12.16	6.82	-4.96	-2.59	4.46	4.71	-10.60	-802.32	-21.53	-791.38	92.40
		1844	10.05	4.84	-6.58	-3.13	1.40	-5.24	-6.10	-656.87	-14.63	-648.33	74.04
		1792	10.92	30.60	0.99	1.93	29.66	-5.21	10.55	-622.55	-1.97	-610.03	88.14
1434	71	1793	13.21	30.21	1.46	2.04	29.62	4.06	16.08	-784.80	0.05	-768.77	112.17
		1841	12.13	6.30	-4.49	-2.37	4.18	4.29	-10.93	-801.26	-21.57	-790.62	91.08
		1844	10.02	4.54	-6.02	-2.86	1.39	-4.83	-6.24	-655.93	-14.48	-647.69	72.70
		1792	10.79	28.38	0.90	1.78	27.51	-4.81	10.36	-621.43	-1.80	-609.27	86.80
1435	8	1839	17.33	6.53	-50.51	1.28	-45.26	16.48	906.87	-182.93	-178.02	901.96	72.99
		58	21.76	0.23	-44.98	-2.74	-42.01	11.19	1545.46	718.89	745.88	1518.48	146.90
		1785	12.16	-6.64	-47.43	-10.25	-43.82	11.59	809.25	181.98	306.33	684.90	250.07
		1848	12.70	1.46	-54.24	-5.79	-47.00	18.74	752.28	-37.97	61.11	653.20	261.68
1435	40	1839	15.56	2.73	-24.34	0.05	-21.66	8.08	890.71	-139.26	-137.48	888.92	42.83
		58	20.39	-0.46	-22.54	-2.50	-20.51	6.38	1506.76	771.89	785.79	1492.86	100.13
		1785	10.55	-3.51	-23.67	-5.90	-21.28	6.51	750.59	222.23	318.74	654.08	204.15
		1848	11.29	1.57	-27.09	-2.92	-22.60	10.42	717.58	-7.81	75.93	633.84	231.79
1435	72	1839	15.42	2.44	-22.34	-0.04	-19.86	7.44	889.52	-135.94	-134.34	887.92	40.51
		58	20.28	-0.51	-20.83	-2.48	-18.86	6.01	1503.98	775.85	788.89	1490.95	96.54
		1785	10.43	-3.27	-21.86	-5.57	-19.56	6.12	746.16	225.32	319.71	651.76	200.63
		1848	11.18	1.59	-25.03	-2.69	-20.74	9.78	714.92	-5.49	77.08	632.35	229.49
1436	8	1802	8.74	-10.32	-131.94	-11.20	-131.06	-10.30	99.68	-194.95	31.96	-127.23	123.96
		1850	8.34	5.69	-66.92	5.69	-66.91	-0.75	153.41	-297.44	45.08	-189.11	192.63
		1851	10.90	6.54	-76.74	3.19	-73.40	16.34	79.51	-421.33	21.12	-362.93	160.73
		1801	12.75	-3.07	-147.34	-4.14	-146.27	12.40	58.32	-342.65	33.97	-318.29	95.77
1436	40	1802	5.71	-4.80	-66.34	-5.23	-65.92	-5.09	64.79	-173.44	27.42	-136.07	86.64
		1850	6.56	3.13	-33.75	3.09	-33.71	1.16	116.15	-275.36	40.25	-199.46	154.77
		1851	8.62	3.93	-39.53	1.81	-37.40	9.38	50.53	-408.73	15.17	-373.37	122.43
		1801	9.05	-1.63	-75.60	-2.03	-75.20	5.42	37.50	-336.47	28.27	-327.24	58.01
1436	72	1802	5.48	-4.39	-61.33	-4.78	-60.94	-4.70	62.31	-172.00	27.06	-136.76	83.77
		1850	6.42	2.94	-31.21	2.89	-31.16	1.31	113.39	-273.78	39.88	-200.26	151.85

		1851	8.44	3.73	-36.67	1.69	-34.63	8.85	48.49	-407.95	14.71	-374.18	119.48
		1801	8.77	-1.52	-70.14	-1.87	-69.79	4.89	36.17	-336.28	27.83	-327.94	55.10
1437	2	1853	8.27	36.97	18.71	19.10	36.58	2.63	5.79	-456.86	4.60	-455.67	23.42
		1781	7.13	16.81	-0.80	16.73	-0.72	1.16	-68.95	-479.11	-69.85	-478.21	19.16
		1780	6.78	39.88	-13.44	24.26	2.18	-24.27	-53.97	-426.09	-54.04	-426.02	5.12
		1838	8.50	77.12	24.47	38.57	63.02	-23.32	-8.31	-405.40	-9.46	-404.24	-21.39
1437	36	1853	6.80	-12.67	-21.87	-17.38	-17.16	4.60	-0.64	-410.48	-32.71	-378.40	110.08
		1781	7.37	9.35	-9.26	-8.81	8.90	2.87	-81.83	-499.89	-121.69	-460.02	122.79
		1780	6.49	12.90	-11.48	-9.04	10.46	7.32	-36.02	-415.96	-53.35	-398.63	79.27
		1838	5.50	-5.95	-31.39	-15.45	-21.90	12.30	-2.52	-297.66	-7.43	-292.75	37.77
1437	68	1853	6.75	-11.62	-20.56	-16.30	-15.88	4.47	-0.94	-410.48	-31.51	-379.91	107.63
		1781	7.33	9.03	-8.56	-8.12	8.59	2.73	-82.40	-498.21	-120.59	-460.02	120.08
		1780	6.47	12.16	-10.38	-8.35	10.13	6.45	-36.61	-415.22	-53.04	-398.79	77.15
		1838	5.40	-5.47	-28.67	-14.38	-19.77	11.28	-2.66	-299.56	-7.09	-295.13	36.00
1438	3	1851	11.34	-0.84	-98.67	-7.59	-91.92	24.80	74.02	-408.06	-43.05	-290.99	206.72
		1782	7.62	19.84	-7.73	6.13	5.99	13.78	-6.34	-457.62	-118.36	-345.60	194.95
		1781	9.75	37.82	-54.36	-19.14	2.61	44.79	-56.45	-489.22	-136.34	-409.32	167.90
		1853	12.80	-1.57	-132.09	-39.22	-94.44	59.13	19.41	-410.86	-60.48	-330.98	167.31
1438	35	1851	8.75	0.19	-49.63	-3.89	-45.55	13.65	42.43	-398.50	-30.75	-325.31	164.05
		1782	6.69	12.08	-4.25	2.66	5.17	8.07	-34.68	-441.90	-104.99	-371.58	153.91
		1781	7.62	20.24	-25.48	-9.56	4.32	21.78	-71.66	-480.33	-117.85	-434.14	129.40
		1853	9.22	-0.64	-65.98	-20.46	-46.17	30.04	1.02	-408.33	-43.15	-364.16	127.01
1438	67	1851	8.56	0.28	-45.89	-3.59	-42.02	12.80	40.38	-398.11	-29.81	-327.91	160.78
		1782	6.63	11.50	-4.01	2.39	5.10	7.64	-36.52	-440.99	-103.97	-373.54	150.77
		1781	7.49	18.90	-23.29	-8.83	4.44	20.03	-72.46	-479.99	-116.44	-436.01	126.45
		1853	8.96	-0.57	-60.94	-19.02	-42.49	27.82	0.04	-408.55	-41.83	-366.67	123.92
1439	7	1850	9.73	-1.86	-87.08	-7.50	-81.44	21.18	168.00	-305.03	-2.27	-134.76	227.04
		1783	7.80	20.13	-23.68	5.79	-9.34	20.55	110.64	-329.08	-51.54	-166.91	212.16
		1782	10.30	45.22	-43.28	8.52	-6.57	43.60	5.42	-462.59	-102.27	-354.89	196.99
		1851	12.41	19.55	-97.74	-1.85	-76.34	45.29	75.16	-422.79	-30.74	-316.89	203.76
1439	39	1850	7.16	-0.06	-43.55	-3.54	-40.07	11.81	120.78	-274.75	4.62	-158.59	180.14
		1783	6.00	11.62	-11.94	2.74	-3.06	11.41	63.35	-299.88	-44.79	-191.75	166.08
		1782	7.84	23.85	-20.87	3.90	-0.92	22.23	-29.24	-444.08	-93.91	-379.41	150.49
		1851	9.15	10.03	-49.50	-1.26	-38.21	23.34	41.79	-404.40	-22.22	-340.39	156.41
1439	71	1850	6.96	0.09	-40.24	-3.24	-36.92	11.09	117.38	-272.62	5.16	-160.40	176.56
		1783	5.86	10.98	-11.05	2.51	-2.58	10.72	59.95	-297.85	-44.27	-193.63	162.57
		1782	7.67	22.22	-19.17	3.55	-0.49	20.60	-31.53	-443.01	-93.26	-381.28	146.93
		1851	8.90	9.32	-45.81	-1.20	-35.29	21.67	39.59	-403.33	-21.56	-342.18	152.79
1440	7	1803	7.92	-1.34	-91.13	-1.75	-90.72	6.06	275.58	-78.91	16.47	180.20	157.21
		1849	7.67	5.34	-64.42	3.84	-62.92	10.12	362.41	-147.39	69.97	145.06	252.12
		1850	9.77	13.79	-71.64	8.90	-66.74	19.85	174.32	-303.99	42.31	-171.98	213.81
		1802	7.78	1.65	-91.30	0.68	-90.33	9.47	104.42	-194.41	29.60	-119.59	129.47
1440	39	1803	5.44	-0.64	-44.90	-0.82	-44.72	2.82	233.66	-47.44	15.21	171.01	116.99
		1849	6.10	3.17	-32.20	1.99	-31.02	6.35	310.97	-114.72	67.20	129.04	210.59
		1850	7.29	7.50	-36.43	4.55	-33.48	10.99	128.37	-279.31	36.97	-187.91	170.03
		1802	5.20	0.71	-47.08	0.31	-46.68	4.35	64.73	-167.72	25.70	-128.69	86.89
1440	71	1803	5.26	-0.58	-41.36	-0.75	-41.20	2.58	230.55	-45.12	15.12	170.31	113.92
		1849	5.99	3.02	-29.74	1.85	-28.58	6.07	307.04	-112.22	67.00	127.82	207.41
		1850	7.10	7.03	-33.74	4.22	-30.93	10.32	125.01	-277.57	36.56	-189.12	166.68
		1802	5.00	0.64	-43.68	0.28	-43.32	3.96	61.96	-165.94	25.40	-129.38	83.63
1441	4	1848	12.52	-8.67	-60.62	-11.38	-57.91	11.55	688.88	-58.95	40.73	589.19	254.18
		1785	11.12	-1.00	-42.11	-8.57	-34.55	15.92	768.04	196.65	288.85	675.85	210.19
		1784	7.83	14.93	-43.10	1.06	-29.24	24.74	327.02	-118.01	55.59	153.43	217.07
		1849	8.09	2.06	-64.09	-4.53	-57.50	19.82	372.71	-132.61	55.14	184.97	244.18
1441	36	1848	10.65	-3.40	-29.55	-5.46	-27.49	7.05	648.28	-22.49	57.17	568.62	217.00
		1785	9.88	-0.30	-21.88	-5.21	-16.97	9.05	719.01	235.89	304.18	650.71	168.32
		1784	5.79	8.78	-21.67	0.61	-13.50	13.49	270.48	-82.96	61.13	126.39	173.68
		1849	6.38	1.77	-32.38	-2.39	-28.22	11.18	323.64	-99.51	61.58	162.55	205.47
1441	68	1848	10.51	-2.98	-27.19	-5.01	-25.16	6.70	645.22	-19.71	58.45	567.06	214.15
		1785	9.78	-0.24	-20.34	-4.95	-15.63	8.51	715.30	238.88	305.37	648.81	165.10
		1784	5.63	8.32	-20.03	0.58	-12.29	12.63	266.17	-80.27	61.57	124.33	170.35
		1849	6.25	1.75	-29.96	-2.23	-25.98	10.51	319.90	-96.97	62.09	160.85	202.50
1442	3	1789	10.69	0.33	-24.64	-1.72	-22.59	6.86	620.90	-39.90	-38.96	619.96	24.98
		1847	10.92	4.20	-20.84	-0.80	-15.84	10.01	677.07	22.22	27.65	671.63	-59.43
		1839	14.71	9.89	-21.40	1.53	-13.03	13.85	964.80	31.93	47.12	949.61	118.06
		1788	12.82	4.83	-29.27	-0.58	-23.86	12.45	755.17	-47.31	-45.14	753.01	41.63
1442	35	1789	9.56	0.38	-9.20	-0.72	-8.10	3.07	598.95	-23.74	-23.73	598.94	-2.77
		1847	10.11	1.97	-10.19	-1.03	-7.19	5.24	657.75	28.07	41.54	644.28	-91.10
		1839	13.89	5.73	-10.51	0.63	-5.40	7.54	932.66	40.84	48.16	925.34	80.42
		1788	11.71	2.50	-12.82	-0.25	-10.07	5.88	728.88	-36.46	-36.24	728.67	12.89
1442	67	1789	9.47	0.40	-8.02	-0.65	-6.98	2.77	597.38	-22.61	-22.57	597.34	-4.87
		1847	10.05	1.80	-9.38	-1.05	-6.53	4.88	656.43	28.36	42.60	642.19	-93.49
		1839	13.83	5.42	-9.68	0.56	-4.82	7.05	930.29	41.44	48.26	923.46	77.59
		1788	11.62	2.32	-11.56	-0.22	-9.02	5.37	726.97	-35.71	-35.56	726.81	10.71
1443	4	1792	11.88	60.61	-0.76	2.42	57.43	13.60	16.33	-615.18	-0.07	-598.77	100.44
		1844	10.03	14.64	-16.32	-7.58	5.90	13.94	-6.44	-649.92	-14.20	-642.16	70.24
		1846	5.89	3.24	-8.43	-6.42	1.23	-4.41	8.48	-368.73	6.38	-366.63	28.03

		1791	7.31	53.51	2.83	3.49	52.85	-5.73	6.68	-310.88	-3.35	-300.85	55.53
1443	36	1792	10.60	30.77	-0.12	1.18	29.46	6.21	13.56	-613.07	0.28	-599.79	90.24
		1844	9.84	7.26	-7.37	-3.55	3.45	6.42	-7.68	-647.60	-13.57	-641.71	61.11
		1846	5.75	2.28	-4.03	-3.02	1.27	-2.31	10.91	-366.78	9.91	-365.77	19.49
		1791	6.03	27.82	1.35	1.69	27.48	-3.00	6.83	-308.12	-0.05	-301.24	46.03
1443	68	1792	10.50	28.50	-0.08	1.09	27.33	5.65	13.36	-612.92	0.31	-599.88	89.45
		1844	9.83	6.70	-6.69	-3.25	3.26	5.85	-7.76	-647.43	-13.52	-641.67	60.40
		1846	5.74	2.21	-3.69	-2.76	1.28	-2.15	11.12	-366.64	10.18	-365.70	18.84
		1791	5.93	25.87	1.24	1.56	25.55	-2.79	6.86	-307.93	0.20	-301.27	45.30
1444	5	1846	6.76	29.09	-24.82	3.36	0.91	-26.93	21.13	-400.35	20.69	-399.91	-13.65
		1772	8.33	49.70	-9.31	9.86	30.53	-27.64	-30.74	-465.07	-31.07	-464.74	-12.04
		1771	3.00	39.59	1.68	9.18	32.10	-15.10	93.52	-72.38	74.73	-53.59	-52.58
		1843	3.63	17.73	-9.92	3.33	4.48	-13.81	137.19	-46.17	77.28	13.74	-86.00
1444	34	1846	6.09	12.68	-9.84	1.48	1.36	-11.26	22.53	-388.55	22.47	-388.48	-5.11
		1772	7.21	20.19	-2.80	4.44	12.95	-10.68	-25.87	-454.19	-25.96	-454.10	-6.04
		1771	2.16	16.86	2.35	4.30	14.91	-4.94	89.54	-60.26	74.29	-45.02	-45.29
		1843	2.74	8.17	-3.62	1.49	3.06	-5.84	132.41	-31.65	77.10	23.66	-77.56
1444	66	1846	6.06	11.70	-8.99	1.36	1.35	-10.35	22.43	-386.91	22.38	-386.86	-4.51
		1772	7.13	18.41	-2.61	4.07	11.73	-9.78	-26.26	-452.76	-26.33	-452.69	-5.37
		1771	2.10	15.31	2.12	3.92	13.51	-4.53	89.14	-58.75	74.05	-43.65	-44.77
		1843	2.68	7.58	-3.29	1.37	2.93	-5.38	132.19	-30.18	76.86	25.16	-76.96
1445	4	1795	15.46	79.27	8.28	8.63	78.91	4.99	7.92	-788.17	-8.24	-772.01	112.28
		1842	12.22	12.26	-5.69	-4.60	11.16	4.29	10.45	-771.51	-6.36	-754.70	113.41
		1845	13.95	18.96	-23.96	-7.39	2.39	-20.90	-10.91	-880.56	-28.00	-863.46	120.74
		1794	16.99	76.93	-0.17	5.80	70.96	-20.61	4.66	-879.87	-11.29	-863.92	117.70
1445	36	1795	13.06	39.24	4.00	4.14	39.11	2.15	8.07	-748.20	-5.38	-734.75	99.93
		1842	11.36	6.14	-2.57	-2.17	5.74	1.82	10.56	-732.07	-3.60	-717.91	101.59
		1845	12.93	9.55	-11.36	-3.47	1.66	-10.13	-9.45	-840.96	-23.94	-826.48	108.78
		1794	14.51	38.36	-0.04	2.79	35.53	-10.04	6.19	-839.77	-7.10	-826.47	105.21
1445	68	1795	12.88	36.20	3.68	3.79	36.08	1.94	8.08	-745.13	-5.16	-731.89	98.98
		1842	11.29	5.67	-2.33	-1.98	5.33	1.63	10.58	-729.04	-3.39	-715.07	100.68
		1845	12.85	8.83	-10.40	-3.17	1.60	-9.32	-9.34	-837.92	-23.62	-823.63	107.87
		1794	14.32	35.42	-0.03	2.56	32.83	-9.23	6.32	-836.68	-6.78	-823.59	104.25
1446	4	1845	13.38	24.36	-6.65	2.40	15.31	14.10	-6.06	-861.17	-18.42	-848.81	102.07
		1775	15.12	-4.11	-51.26	-8.89	-46.48	14.23	-34.52	-869.46	-44.61	-859.36	91.25
		1774	14.95	-9.49	-54.87	-11.43	-52.93	-9.18	-56.64	-871.99	-64.65	-863.98	80.38
1446	36	1841	13.15	14.14	-5.26	0.34	8.54	-8.79	-15.18	-845.88	-25.06	-836.00	90.04
		1845	12.70	11.79	-2.82	1.18	7.80	6.51	-6.84	-832.26	-16.88	-822.21	90.51
		1775	13.48	-2.05	-24.90	-4.22	-22.73	6.69	-34.97	-840.38	-43.05	-832.31	80.24
		1774	13.36	-4.50	-26.78	-5.42	-25.86	-4.42	-55.37	-842.81	-61.56	-836.62	69.57
		1841	12.44	7.33	-2.48	0.20	4.65	-4.37	-14.23	-816.88	-22.02	-809.10	78.67
1446	68	1845	12.64	10.84	-2.53	1.09	7.23	5.93	-6.89	-830.04	-16.76	-820.17	89.62
		1775	13.36	-1.90	-22.89	-3.86	-20.92	6.12	-35.00	-838.16	-42.93	-830.23	79.39
		1774	13.24	-4.12	-24.64	-4.96	-23.80	-4.06	-55.26	-840.58	-61.33	-834.51	68.74
		1841	12.39	6.82	-2.27	0.19	4.36	-4.04	-14.15	-814.66	-21.78	-807.03	77.80
1447	7	1840	9.77	9.46	0.69	0.70	9.45	-0.22	41.33	-599.69	29.14	-587.49	87.56
		1777	11.00	-7.52	-35.21	-7.55	-35.18	0.83	78.24	-588.49	73.56	-583.81	55.67
		1776	13.76	0.52	-45.74	-7.07	-38.16	-17.13	-11.43	-815.01	-16.87	-809.57	65.89
		1842	12.87	20.14	-13.93	0.78	5.43	-16.88	4.04	-818.20	-3.19	-810.97	76.77
1447	39	1840	8.68	5.04	0.27	0.29	5.01	-0.36	51.38	-535.32	41.04	-524.99	77.18
		1777	9.37	-3.76	-17.30	-3.77	-17.30	0.31	88.77	-525.48	85.67	-522.37	43.56
		1776	12.04	0.19	-22.40	-3.41	-18.79	-8.28	-5.93	-752.94	-9.80	-749.08	53.60
		1842	11.67	10.07	-6.68	0.33	3.06	-8.26	9.67	-755.21	3.90	-749.44	66.18
1447	71	1840	8.60	4.70	0.23	0.26	4.67	-0.37	52.14	-530.41	41.95	-520.22	76.39
		1777	9.25	-3.47	-15.93	-3.48	-15.92	0.27	89.58	-520.68	86.58	-517.69	42.63
		1776	11.91	0.17	-20.61	-3.13	-17.31	-7.60	-5.51	-748.22	-9.26	-744.47	52.65
		1842	11.58	9.30	-6.12	0.30	2.88	-7.60	10.10	-750.41	4.44	-744.75	65.37
1448	3	1852	6.00	13.16	6.07	7.32	11.90	-2.71	116.80	-300.26	90.30	-273.77	101.73
		1778	8.65	0.20	-28.79	-0.67	-27.93	-4.93	318.83	-256.59	318.45	-256.22	14.68
		1777	11.02	4.69	-42.68	-8.55	-29.44	-21.26	54.99	-618.84	54.33	-618.19	20.99
		1840	10.19	22.47	-15.78	-1.42	8.11	-18.52	52.33	-597.07	46.60	-591.35	60.70
1448	35	1852	4.89	7.26	3.26	3.83	6.70	-1.39	124.20	-230.34	102.55	-208.69	84.90
		1778	7.31	-0.02	-14.31	-0.46	-13.87	-2.47	333.44	-180.79	333.42	-180.78	-2.45
		1777	9.32	2.08	-20.67	-4.14	-14.44	-10.14	68.15	-543.11	68.00	-542.96	9.56
		1840	8.86	11.21	-7.96	-1.08	4.34	-9.20	61.90	-530.52	57.79	-526.42	49.14
1448	67	1852	4.81	6.81	3.05	3.56	6.29	-1.29	124.76	-225.01	103.47	-203.72	83.62
		1778	7.21	-0.03	-13.20	-0.44	-12.79	-2.28	334.58	-175.05	334.56	-175.02	-3.75
		1777	9.19	1.88	-18.97	-3.81	-13.29	-9.29	69.16	-537.34	69.04	-537.22	8.69
		1840	8.76	10.35	-7.36	-1.06	4.05	-8.48	62.63	-525.44	58.64	-521.46	48.26
1449	2	1791	6.17	7.26	-26.10	0.51	-19.35	-13.40	12.38	-342.52	9.83	-339.97	29.98
		1846	6.41	20.39	-9.93	5.12	5.33	-15.16	17.61	-403.16	17.47	-403.01	-7.77
		1843	2.50	9.84	1.94	3.88	7.90	-3.40	123.10	-38.75	73.21	11.14	-74.74
		1790	1.99	-2.32	-17.38	-2.81	-16.89	-2.66	93.62	3.48	15.31	81.78	-30.44
1449	34	1791	5.19	4.27	-10.92	0.27	-6.92	-6.69	11.25	-322.07	6.86	-317.67	38.01
		1846	5.99	10.32	-4.58	2.52	3.22	-7.44	15.55	-382.57	15.55	-382.57	-0.59
		1843	2.08	5.42	0.88	1.79	4.51	-1.82	114.66	-21.57	63.63	29.47	-65.94
		1790	1.78	-0.78	-6.09	-1.28	-5.59	-1.55	107.10	3.82	8.83	102.10	-22.18

1449	66	1791	5.12	4.05	-9.76	0.25	-5.96	-6.17	11.20	-320.55	6.64	-315.98	38.64
		1846	5.96	9.55	-4.17	2.32	3.06	-6.85	15.41	-381.02	15.41	-381.02	-0.03
		1843	2.05	5.08	0.80	1.63	4.25	-1.69	114.09	-20.31	62.92	30.86	-65.26
		1790	1.76	-0.63	-5.24	-1.16	-4.72	-1.47	108.27	3.70	8.34	103.63	-21.53
1450	3	1843	3.81	15.43	-28.60	-5.20	-7.97	21.97	157.89	44.50	80.15	122.24	-52.65
		1771	3.29	11.45	-43.64	-4.46	-27.73	24.97	72.43	22.55	53.77	41.22	-24.14
		1770	10.05	6.04	-37.23	-4.55	-26.64	18.61	655.41	303.51	312.57	646.35	-55.72
		1847	10.57	13.51	-21.59	-0.07	-8.01	17.09	674.03	75.09	106.26	642.86	-133.03
1450	35	1843	2.89	7.44	-13.33	-2.78	-3.10	10.38	145.35	19.18	82.62	81.92	-63.08
		1771	2.07	5.23	-21.24	-2.03	-13.97	11.82	72.27	-14.60	57.07	0.59	-33.00
		1770	8.82	2.34	-19.00	-2.78	-13.88	9.11	619.98	306.34	319.81	606.50	-63.61
		1847	9.55	6.72	-9.24	0.22	-2.73	7.84	642.70	74.94	113.79	603.84	-143.36
1450	67	1843	2.82	6.83	-12.15	-2.60	-2.73	9.49	144.73	16.90	82.78	78.85	-63.88
		1771	1.99	4.76	-19.53	-1.84	-12.93	10.81	72.44	-17.64	57.31	-2.50	-33.68
		1770	8.73	2.05	-17.60	-2.64	-12.91	8.37	617.35	306.48	320.36	603.47	-64.21
		1847	9.47	6.20	-8.29	0.24	-2.33	7.13	640.38	74.86	114.36	600.88	-144.15
1451	4	1801	13.27	-15.59	-173.63	-18.38	-170.83	-20.82	80.00	-343.31	53.97	-317.28	101.69
		1851	10.38	5.60	-75.33	5.33	-75.06	-4.67	83.87	-425.87	29.90	-371.90	156.83
		1853	12.17	22.81	-94.23	17.36	-88.78	24.66	53.38	-425.85	18.25	-390.72	124.91
		1800	15.26	3.13	-179.67	0.54	-177.08	21.60	61.43	-384.83	39.23	-362.63	97.02
1451	36	1801	9.39	-7.10	-88.17	-8.48	-86.79	-10.49	50.35	-338.19	40.72	-328.56	60.41
		1851	8.39	2.77	-38.46	2.76	-38.45	-0.74	50.62	-411.24	20.33	-380.96	114.32
		1853	9.15	11.16	-48.34	7.67	-44.85	13.98	23.18	-417.21	6.39	-400.42	84.33
		1800	10.71	0.87	-94.06	-0.10	-93.09	9.55	34.40	-381.30	26.72	-373.62	55.99
1451	68	1801	9.09	-6.46	-81.65	-7.74	-80.37	-9.72	48.39	-338.13	39.72	-329.46	57.24
		1851	8.23	2.56	-35.64	2.56	-35.63	-0.44	48.29	-410.37	19.60	-381.68	111.07
		1853	8.93	10.29	-44.83	6.94	-41.48	13.17	21.12	-416.81	5.50	-401.19	81.21
		1800	10.36	0.72	-87.51	-0.14	-86.65	8.65	32.63	-381.34	25.77	-374.49	52.84
1452	8	1788	13.10	-0.67	-42.60	-3.22	-40.05	10.02	722.57	-51.48	-49.06	720.15	43.21
		1839	15.86	3.10	-52.64	-1.33	-48.22	15.07	928.49	26.32	42.01	912.79	117.95
		1848	12.53	9.37	-50.56	6.16	-47.35	13.49	707.12	-55.28	50.50	601.33	263.55
		1786	9.65	7.44	-43.03	5.66	-41.26	9.30	491.35	-39.82	-23.25	474.78	92.33
1452	40	1788	11.80	-0.31	-18.47	-1.53	-17.26	4.54	711.09	-41.11	-40.59	710.57	19.63
		1839	14.33	1.82	-25.97	-0.96	-23.20	8.33	906.45	38.74	48.81	896.37	92.94
		1848	11.06	4.59	-25.01	2.62	-23.05	7.37	674.14	-36.18	53.86	584.11	236.32
		1786	8.24	3.60	-20.17	2.67	-19.25	4.61	473.03	-27.48	-18.54	464.09	66.29
1452	72	1788	11.70	-0.28	-16.64	-1.40	-15.52	4.12	710.26	-40.36	-39.94	709.83	17.81
		1839	14.21	1.73	-23.94	-0.92	-21.29	7.81	904.79	39.65	49.34	895.10	91.02
		1848	10.95	4.23	-23.07	2.36	-21.20	6.90	671.62	-34.72	54.12	582.78	234.22
		1786	8.14	3.31	-18.43	2.45	-17.57	4.25	471.70	-26.61	-18.17	463.26	64.29
1453	7	1834	1.53	16.37	8.48	11.48	13.37	-3.83	-10.95	-61.54	-39.01	-33.49	25.15
		1836	2.25	12.20	-6.82	9.72	-4.34	-6.41	75.66	-51.05	17.06	7.56	63.17
		1852	5.70	15.14	-13.18	3.06	-1.10	-14.01	157.88	-203.99	73.42	-119.53	153.07
		1787	5.08	18.45	-2.39	5.41	10.65	-10.08	-9.28	-288.18	-33.68	-263.78	78.81
1453	39	1834	0.75	7.75	3.93	5.37	6.31	-1.85	6.49	-29.80	-23.56	0.25	13.70
		1836	1.53	6.37	-3.28	5.25	-2.16	-3.08	69.00	-26.63	27.54	14.83	47.39
		1852	4.64	8.41	-7.19	1.59	-0.37	-7.73	142.35	-174.14	75.93	-107.73	128.87
		1787	4.07	9.30	-0.95	2.66	5.69	-4.89	-12.34	-250.99	-27.35	-235.98	57.93
1453	71	1834	0.70	7.08	3.58	4.90	5.76	-1.70	8.20	-27.75	-22.38	2.83	12.82
		1836	1.47	5.92	-3.01	4.91	-2.00	-2.83	68.51	-24.77	28.34	15.39	46.19
		1852	4.56	7.89	-6.73	1.48	-0.32	-7.25	141.18	-171.89	76.12	-106.83	127.03
		1787	4.00	8.60	-0.84	2.45	5.31	-4.50	-12.53	-248.20	-26.87	-233.86	56.34
1454	7	1849	8.62	3.73	-72.03	-4.46	-63.84	23.53	369.95	-152.72	39.59	177.64	252.06
		1784	7.72	15.29	-35.76	3.02	-23.49	21.82	331.44	-121.78	56.72	152.94	221.44
		1783	9.42	30.88	-48.79	4.82	-22.73	37.38	107.88	-333.32	-47.58	-177.86	210.76
		1850	10.45	17.28	-82.11	1.58	-66.41	36.25	163.32	-300.34	7.36	-144.38	219.06
1454	39	1849	6.53	2.70	-36.05	-2.15	-31.20	12.83	316.89	-111.17	48.67	157.05	207.06
		1784	5.72	8.66	-18.10	1.28	-10.72	11.96	275.91	-79.74	65.63	130.54	174.84
		1783	6.77	16.73	-23.87	2.36	-9.51	19.41	60.04	-303.56	-42.49	-201.03	163.61
		1850	7.48	9.22	-41.55	0.72	-33.05	18.95	118.68	-271.60	12.77	-165.69	173.54
1454	71	1849	6.38	2.64	-33.30	-1.97	-28.70	12.01	312.84	-107.99	49.36	155.48	203.62
		1784	5.57	8.16	-16.76	1.14	-9.74	11.21	271.67	-76.53	66.31	128.83	171.27
		1783	6.57	15.66	-21.97	2.18	-8.50	18.04	56.59	-301.50	-42.10	-202.80	160.00
		1850	7.25	8.62	-38.45	0.67	-30.50	17.63	115.47	-269.60	13.19	-167.32	170.07
1455	1	1852	3.91	2.83	-32.41	-2.89	-26.70	-12.99	139.09	-77.18	-72.04	133.95	-32.93
		1836	2.78	4.21	-32.44	-2.72	-25.52	-14.35	90.73	38.83	41.41	88.15	11.28
		1835	5.49	5.13	-28.89	-0.73	-23.03	-12.85	302.92	75.33	80.62	297.62	34.32
1455	33	1852	3.40	0.68	-15.00	-1.56	-12.76	-5.49	131.60	-106.85	-92.41	117.17	-56.87
		1836	1.52	2.04	-15.02	-1.40	-11.58	-6.85	74.37	18.03	21.03	71.37	-12.66
		1835	4.36	2.96	-11.47	0.59	-9.09	-5.35	281.32	59.76	60.25	280.84	10.38
1455	72	1852	4.03	15.37	-3.16	0.74	11.47	7.55	126.21	-166.71	-128.20	87.70	-98.98
		1836	1.98	15.31	-1.76	0.90	12.65	6.19	75.24	-48.10	-14.76	41.90	-54.78
		1835	4.30	18.84	-0.81	2.89	15.13	7.69	255.72	20.11	24.46	251.37	-31.73
1456	8	1837	7.77	-19.19	-93.23	-86.52	-25.90	21.25	-20.24	-257.18	-184.90	-92.52	109.10
		1853	9.70	-17.16	-89.70	-82.62	-24.24	21.53	-15.58	-398.24	-273.92	-139.91	179.21
		1838	7.43	-19.87	-81.07	-75.62	-25.31	17.42	-8.53	-284.22	-167.47	-125.27	136.22
1456	40	1837	5.67	-10.16	-49.49	-46.69	-12.96	10.10	-28.88	-262.75	-162.12	-129.52	115.79

		1853	7.68	-8.19	-45.91	-42.80	-11.30	10.38	-24.45	-403.60	-251.13	-176.91	185.91
		1838	5.57	-10.80	-37.37	-35.80	-12.37	6.27	-10.30	-296.67	-144.68	-162.28	142.91
1456	72	1837	5.52	-9.45	-46.14	-43.63	-11.96	9.25	-29.20	-263.54	-160.37	-132.36	116.33
		1853	7.54	-7.48	-42.55	-39.74	-10.30	9.53	-24.90	-404.24	-249.39	-179.75	186.45
		1838	5.45	-10.07	-34.03	-32.74	-11.37	5.42	-10.15	-297.91	-142.94	-165.12	143.45
1457	18	1893	12.01	103.36	45.22	48.87	99.71	14.11	661.99	230.35	562.71	329.62	181.64
		1926	7.96	92.10	29.68	32.57	89.21	13.12	325.25	-91.98	323.80	-90.52	24.60
		56	19.17	97.62	41.45	47.45	91.62	17.35	1159.75	502.99	728.12	934.63	311.72
1457	50	1893	9.73	59.15	29.57	31.48	57.24	7.28	594.95	264.62	516.10	343.46	140.81
		1926	6.04	47.95	13.97	15.17	46.74	6.29	277.93	-77.42	277.18	-76.68	-16.23
		56	16.84	53.81	25.39	30.06	49.15	10.53	1116.98	512.99	681.51	948.47	270.89
1457	82	1893	9.57	55.87	28.40	30.19	54.08	6.78	590.07	267.12	512.68	344.51	137.85
		1926	5.91	44.67	12.80	13.89	43.58	5.79	274.81	-76.68	273.76	-75.63	-19.19
		56	16.66	50.59	24.17	28.77	45.99	10.02	1114.15	513.45	678.08	949.52	267.93
1458	3	1887	16.19	-7.23	-120.93	-119.08	-9.08	-14.39	685.49	-68.89	665.72	-49.12	-120.51
		1888	12.21	1.84	-125.84	-125.39	1.39	-7.58	389.56	-81.88	350.70	-43.02	-129.66
		1916	13.93	13.31	-100.50	-100.08	12.90	6.87	505.42	-187.61	395.31	-77.50	-253.35
		1870	17.32	0.29	-105.93	-105.74	0.11	-4.45	747.83	-144.99	708.11	-105.27	-184.07
1458	35	1887	11.32	-3.31	-41.40	-40.81	-3.90	-4.69	607.50	-51.93	592.42	-36.85	-98.55
		1888	7.36	0.99	-47.04	-46.97	0.91	-1.88	313.07	-71.89	278.77	-37.59	-109.67
		1916	10.26	7.79	-40.50	-39.50	6.78	6.89	436.88	-184.40	327.72	-75.23	-236.44
		1870	13.25	1.08	-41.94	-41.85	0.99	1.99	673.72	-130.78	638.55	-95.61	-164.49
1458	67	1887	10.95	-3.01	-35.37	-34.88	-3.50	-3.95	601.78	-50.62	587.07	-35.91	-96.85
		1888	7.01	0.92	-41.07	-41.02	0.87	-1.46	307.45	-71.10	273.52	-37.18	-108.12
		1916	10.00	7.44	-36.02	-34.90	6.32	6.89	431.85	-184.12	322.78	-75.06	-235.13
		1870	12.95	1.21	-37.16	-37.00	1.05	2.47	668.28	-129.67	633.47	-94.87	-162.97
1459	2	1874	11.33	111.19	1.25	110.80	1.64	-6.52	354.95	-111.30	296.45	-52.81	-154.44
		1875	9.61	111.41	-5.30	108.82	-2.70	-17.21	215.18	-147.99	122.53	-55.34	-158.31
		1907	8.55	79.06	-13.90	74.97	-9.81	-19.06	191.33	-160.27	124.10	-93.04	-138.28
		1909	9.87	75.92	-6.15	75.23	-5.46	-7.48	322.99	-136.18	287.36	-100.55	-122.84
1459	39	1874	7.73	1.13	-40.73	-36.54	-3.06	12.56	274.10	-187.53	115.24	-28.67	-219.31
		1875	7.53	6.28	-46.05	-37.97	-1.79	18.90	185.54	-262.13	-55.97	-20.62	-223.14
		1907	6.94	10.90	-38.64	-28.14	0.40	20.25	140.36	-250.07	-54.12	-55.59	-195.21
		1909	6.95	4.71	-34.55	-28.96	-0.88	13.71	216.77	-187.11	106.34	-76.67	-180.02
1459	71	1874	7.57	1.35	-36.85	-32.58	-2.93	12.05	273.55	-185.41	117.48	-29.33	-217.42
		1875	7.37	6.19	-42.02	-34.02	-1.82	17.94	184.15	-259.51	-53.79	-21.57	-221.25
		1907	6.79	10.42	-35.65	-25.35	0.13	19.19	139.24	-247.86	-52.00	-56.61	-193.54
		1909	6.81	4.62	-31.76	-26.15	-1.00	13.14	216.70	-185.50	108.53	-77.33	-178.34
1460	27	1923	24.59	28.35	-8.52	12.29	7.53	18.28	1145.51	-591.11	494.63	59.77	840.65
		1885	16.90	-7.99	-105.73	-17.78	-95.93	-29.35	309.58	-678.25	-465.54	96.86	406.05
		1872	41.89	-41.75	-140.41	-80.44	-101.72	-48.17	1814.90	-1073.56	1151.15	-409.81	1215.18
		1921	23.20	-27.42	-83.23	-61.07	-49.57	-27.31	1252.20	-192.11	1126.62	-66.53	406.94
1460	52	1923	21.30	18.39	4.76	4.89	18.26	1.32	1047.67	-563.49	475.88	8.30	770.91
		1885	12.06	55.94	-10.14	-10.13	55.93	0.83	147.18	-603.44	-469.50	13.24	287.40
		1872	38.16	117.74	29.26	63.07	83.93	42.99	1597.13	-1075.98	1012.60	-491.45	1104.91
		1921	20.39	43.97	-0.71	42.89	0.37	6.86	1093.88	-215.11	997.72	-118.95	341.52
1460	84	1923	21.35	18.12	4.83	5.03	17.92	1.62	1049.32	-563.15	476.01	10.16	771.85
		1885	11.99	52.58	-10.37	-10.37	52.58	0.17	151.03	-603.73	-469.40	16.70	288.70
		1872	38.03	112.15	27.79	60.08	79.86	41.01	1599.94	-1074.38	1013.92	-488.36	1106.25
		1921	20.29	41.55	-1.52	40.75	-0.72	5.81	1095.59	-213.90	998.87	-117.18	342.49
1461	27	1877	14.96	3.55	-15.17	1.17	-12.79	-6.23	739.75	-338.29	166.92	234.54	537.96
		1883	10.25	-4.61	-32.86	-4.76	-32.71	-2.05	517.28	-176.79	58.56	281.93	328.57
		1884	11.25	1.12	-40.28	-4.35	-34.81	-14.01	478.36	-257.54	81.48	139.34	366.81
		1920	16.75	14.74	-22.81	1.62	-9.69	-17.90	774.82	-379.87	309.51	85.44	566.37
1461	59	1877	13.84	3.81	-4.55	0.30	-1.04	-4.12	696.06	-318.71	160.39	216.95	506.59
		1883	8.52	-0.32	-2.23	-2.21	-0.33	0.15	472.69	-155.06	51.71	265.92	295.04
		1884	9.31	2.89	-8.50	-1.83	-3.78	-5.61	429.41	-238.86	66.90	123.65	332.93
		1920	15.26	10.11	-9.24	0.43	0.43	-9.67	728.16	-364.89	295.15	68.12	534.61
1461	91	1877	13.76	4.00	-3.94	0.24	-0.18	-3.97	692.78	-317.23	159.91	215.64	504.23
		1883	8.51	2.09	-2.05	-2.02	2.07	0.31	469.35	-153.42	51.20	264.73	292.51
		1884	9.17	3.43	-6.56	-1.64	-1.49	-4.99	425.73	-237.44	65.80	122.48	330.37
		1920	15.15	9.83	-8.32	0.34	1.18	-9.07	724.66	-363.76	294.07	66.82	532.22
1462	18	1931	7.52	69.70	-8.69	64.47	-3.46	19.57	142.65	-232.06	-44.94	-44.47	-187.35
		1873	5.92	74.59	18.94	67.20	26.33	18.88	172.83	-153.49	77.18	-57.84	-148.54
		1908	6.67	72.85	15.41	62.10	26.16	22.40	251.54	-116.59	115.14	19.81	-177.79
		1904	9.00	69.02	-13.87	59.52	-4.37	26.40	230.30	-239.61	-10.50	1.20	-234.88
1462	50	1931	6.93	38.87	-7.51	34.22	-2.87	13.92	116.22	-270.01	-115.85	-37.94	-189.15
		1873	5.23	41.08	6.46	35.39	12.15	12.83	126.44	-177.17	3.30	-54.03	-149.07
		1908	6.04	41.53	5.39	34.00	12.91	14.67	217.28	-145.63	46.99	24.67	-181.11
		1904	7.53	39.23	-9.78	32.56	-3.11	16.81	182.92	-249.46	-71.89	5.35	-212.71
1462	82	1931	6.89	36.60	-7.47	31.97	-2.84	13.51	114.52	-273.08	-121.10	-37.46	-189.23
		1873	5.18	38.60	5.51	33.02	11.09	12.39	123.30	-179.25	-2.16	-53.79	-149.06
		1908	6.00	39.21	4.63	31.91	11.92	14.10	214.99	-148.03	41.97	24.99	-181.31
		1904	7.43	37.02	-9.50	30.55	-3.04	16.10	179.67	-250.42	-76.41	5.67	-211.09
1463	7	1870	15.77	-3.69	-81.55	-36.66	-48.58	38.47	718.79	-125.90	198.17	394.72	-410.75
		1925	14.24	3.46	-96.56	-43.70	-49.40	49.93	545.95	-144.68	90.64	310.62	-327.33
		1910	13.71	14.46	-87.00	-25.17	-47.37	49.50	522.61	-130.42	158.83	233.37	-324.38

		1912	16.00	6.82	-83.00	-28.13	-48.05	43.80	719.37	-115.31	309.31	294.75	-417.27
1463	39	1870	12.25	1.10	-32.10	-8.60	-22.40	15.10	647.36	-111.75	185.97	349.64	-370.63
		1925	10.43	3.25	-42.32	-14.03	-25.03	22.11	471.61	-132.74	72.74	266.13	-286.29
		1910	10.32	8.52	-41.37	-7.67	-25.18	23.35	458.66	-133.14	130.31	195.22	-294.11
		1912	12.69	5.30	-38.51	-8.53	-24.68	20.36	653.03	-114.98	290.37	247.69	-383.41
1463	71	1870	11.98	1.58	-28.47	-6.48	-20.41	13.31	642.12	-110.66	185.18	346.28	-367.67
		1925	10.15	3.31	-38.27	-11.79	-23.17	20.00	466.17	-131.81	71.53	262.83	-283.27
		1910	10.07	8.10	-37.93	-6.35	-23.48	21.36	453.95	-133.33	128.26	192.36	-291.89
		1912	12.45	5.22	-35.17	-7.05	-22.90	18.57	648.17	-114.97	289.03	244.16	-380.91
1464	4	1905	7.96	7.91	-49.98	-36.03	-6.03	24.75	104.96	-385.77	-263.90	-16.91	-212.02
		1903	9.52	10.54	-62.87	-35.42	-16.92	35.52	144.36	-395.82	-266.78	15.31	-230.33
		1895	8.53	19.42	-39.43	-9.43	-10.58	29.42	117.37	-359.02	-256.43	14.78	-195.83
		1858	7.54	15.60	-23.01	-8.04	0.63	18.81	77.16	-379.45	-265.33	-36.97	-197.70
1464	36	1905	7.04	7.75	-26.45	-14.36	-4.34	16.35	99.13	-340.29	-205.21	-35.95	-202.76
		1903	7.96	10.32	-33.12	-13.46	-9.33	21.62	128.97	-348.72	-209.41	-10.34	-217.12
		1895	7.05	14.03	-21.78	-1.40	-6.35	17.74	99.26	-317.94	-206.26	-12.42	-184.72
		1858	6.50	11.08	-14.26	-1.90	-1.28	12.67	63.59	-335.52	-214.39	-57.54	-183.50
1464	68	1905	6.97	7.83	-24.72	-12.69	-4.21	15.71	98.85	-336.96	-200.69	-37.42	-202.04
		1903	7.85	10.36	-30.88	-11.76	-8.75	20.57	127.97	-345.29	-204.99	-12.32	-216.13
		1895	6.94	13.65	-20.45	-0.78	-6.03	16.85	98.04	-314.96	-202.40	-14.52	-218.90
		1858	6.43	10.79	-13.64	-1.42	-1.43	12.21	62.71	-332.31	-210.48	-59.13	-182.44
1465	2	1873	9.35	100.33	24.07	62.76	61.65	38.13	271.83	-213.85	197.72	-139.73	-174.65
		1868	6.51	90.66	39.83	60.10	70.38	24.89	182.08	-125.22	148.11	-91.25	-96.35
		1918	8.25	85.75	27.60	41.46	71.89	24.78	418.75	-37.14	384.86	-3.26	-119.57
		1908	9.46	90.35	13.73	37.98	66.11	35.64	321.96	-150.45	229.81	-58.30	-187.20
1465	34	1873	6.98	54.01	9.06	31.39	31.69	22.47	185.93	-209.39	113.70	-137.16	-152.77
		1868	4.50	47.46	18.20	30.15	35.51	14.38	87.05	-139.50	59.79	-112.24	-73.70
		1918	6.46	47.57	13.50	22.08	38.98	14.79	332.37	-60.17	301.48	-29.28	-105.70
		1908	7.34	50.21	4.65	20.46	34.40	21.69	251.97	-161.51	152.36	-61.89	-176.82
1465	66	1873	6.80	50.48	7.90	29.00	29.39	21.29	179.41	-209.08	107.28	-136.95	-151.06
		1868	4.34	44.18	16.55	27.87	32.86	13.59	79.76	-140.57	53.04	-113.85	-71.93
		1918	6.33	44.68	12.42	20.62	36.48	14.04	325.75	-61.92	295.10	-31.27	-104.61
		1908	7.18	47.17	3.94	19.13	31.99	20.64	246.72	-162.44	146.44	-62.16	-176.00
1466	27	1864	9.73	12.54	-13.26	-6.54	5.82	-11.32	547.43	-60.98	414.44	72.01	251.45
		1920	13.55	-5.84	-34.54	-14.08	-26.30	-12.98	660.50	-293.94	471.06	-104.50	380.69
		1923	17.82	9.39	-55.24	-27.74	-18.11	-31.96	862.37	-306.46	792.82	-236.91	276.51
		1863	12.50	29.73	-33.56	-19.99	16.17	-25.97	702.31	-10.58	698.18	-6.44	54.14
1466	59	1864	8.53	5.02	-11.63	-4.24	-2.37	-8.27	499.11	-48.57	380.55	69.98	225.56
		1920	12.23	-1.18	-13.41	-7.44	-7.15	-6.11	610.73	-270.40	441.23	-100.90	347.30
		1923	15.74	7.49	-22.78	-11.11	-4.18	-14.73	804.02	-296.07	743.72	-235.78	250.39
		1863	10.57	13.28	-19.65	-9.11	2.75	-15.36	650.38	-12.23	648.60	-10.45	34.30
1466	91	1864	8.44	4.54	-11.60	-4.08	-2.98	-8.05	495.49	-47.62	378.01	69.85	223.61
		1920	12.13	-0.71	-11.98	-6.94	-5.74	-5.60	607.00	-268.60	438.99	-100.59	344.80
		1923	15.59	7.35	-20.39	-9.88	-3.16	-13.46	799.65	-295.27	740.04	-235.66	248.43
		1863	10.43	12.13	-18.70	-8.31	1.75	-14.57	646.52	-12.37	644.88	-10.73	32.81
1467	7	1901	24.92	9.39	-92.98	-24.32	-59.27	48.11	1529.00	104.62	1371.25	262.37	-446.99
		1929	23.80	0.12	-79.04	-26.90	-52.01	37.54	1487.05	113.11	1340.61	259.54	-423.97
		1854	26.84	-5.77	-120.06	-64.69	-61.14	57.12	1550.14	237.60	1321.41	466.34	-497.90
		1878	32.35	-24.75	-128.54	-71.75	-81.54	51.67	2000.49	480.11	1690.31	790.30	-612.69
1467	39	1901	22.01	11.29	-37.07	-3.12	-22.66	22.12	1448.00	80.86	1305.69	223.16	-417.49
		1929	21.25	-0.26	-36.57	-10.89	-25.94	16.52	1405.06	99.50	1265.86	238.70	-402.93
		1854	23.08	-2.76	-59.34	-33.38	-28.72	28.20	1466.91	224.16	1257.86	433.21	-464.86
		1878	28.50	-20.59	-63.26	-41.79	-42.06	21.33	1915.07	461.09	1624.68	751.48	-581.28
1467	71	1901	21.79	11.44	-32.83	-1.51	-19.88	20.14	1441.83	79.01	1300.69	220.15	-415.25
		1929	21.06	-0.27	-33.36	-9.67	-23.96	14.92	1398.81	98.43	1260.16	237.08	-401.33
		1854	22.80	-2.52	-54.72	-30.98	-26.26	25.99	1460.58	223.10	1253.01	430.66	-462.36
		1878	28.21	-20.26	-58.30	-39.50	-39.06	19.02	1908.56	459.61	1619.68	748.49	-578.90
1468	7	1915	18.23	-1.64	-79.50	-70.83	-10.31	24.49	927.61	-89.35	921.11	-82.86	-81.02
		1912	15.59	8.13	-81.35	-70.31	-2.91	29.43	698.93	-117.74	671.70	-90.51	-146.62
		1898	14.73	8.93	-82.38	-68.11	-5.34	33.16	599.74	-190.61	578.11	-168.98	-128.94
		1855	17.53	4.75	-78.54	-69.96	-3.83	25.32	835.30	-146.11	826.06	-136.87	-94.77
1468	39	1915	15.27	1.13	-36.11	-30.37	-4.61	13.45	869.47	-84.30	865.09	-79.91	-64.51
		1912	12.38	5.86	-37.72	-30.19	-1.67	16.48	638.22	-112.45	615.62	-89.84	-128.29
		1898	11.81	4.55	-42.85	-34.59	-3.71	17.98	541.14	-185.22	523.37	-167.45	-112.21
		1855	14.75	1.92	-40.79	-36.04	-2.83	13.42	778.26	-140.18	771.30	-133.22	-79.65
1468	71	1915	15.05	1.36	-32.83	-27.29	-4.18	12.60	865.18	-83.91	860.94	-79.67	-63.26
		1912	12.14	5.72	-34.43	-27.13	-1.58	15.48	633.72	-112.04	611.46	-89.78	-126.91
		1898	11.59	4.22	-39.84	-32.03	-3.59	16.82	536.82	-184.80	519.34	-167.32	-110.94
		1855	14.54	1.70	-37.90	-33.45	-2.75	12.51	774.06	-139.73	767.27	-132.93	-78.51
1469	7	1900	25.99	-6.87	-72.23	-64.34	-14.77	21.30	1473.90	-157.92	1463.80	-147.82	127.98
		1917	21.16	2.54	-76.38	-64.02	-9.82	28.69	1098.64	-150.96	1082.56	-134.89	-140.81
		1915	18.55	2.02	-86.90	-73.93	-10.95	31.38	940.71	-94.44	940.16	-93.88	-23.89
		1902	20.91	-12.66	-87.09	-76.63	-23.12	25.86	1155.22	-44.30	1153.60	-42.69	44.02
1469	39	1900	23.17	0.80	-25.50	-21.17	-3.53	9.75	1405.82	-155.13	1394.20	-143.51	134.17
		1917	17.94	6.43	-30.57	-21.75	-2.39	15.77	1028.62	-146.29	1013.79	-131.45	-131.19
		1915	15.47	3.38	-39.71	-31.78	-4.55	16.70	879.57	-89.19	879.37	-88.99	-14.01
		1902	18.06	-5.54	-38.77	-33.22	-11.09	12.40	1095.47	-38.33	1093.36	-36.22	48.93

1469	71	1900	22.96	1.39	-21.96	-17.89	-2.68	8.86	1400.66	-154.92	1388.92	-143.17	134.64
		1917	17.70	6.79	-27.16	-18.54	-1.84	14.78	1023.31	-145.92	1008.57	-131.18	-130.45
		1915	15.24	3.49	-36.14	-28.57	-4.07	15.58	874.97	-88.79	874.78	-88.61	-13.26
		1902	17.84	-5.00	-35.10	-29.92	-10.18	11.36	1090.97	-37.88	1088.82	-35.72	49.30
1470	7	1870	16.95	4.37	-102.79	-102.79	4.37	-0.52	721.80	-115.24	711.98	-105.42	-90.13
		1916	13.59	1.04	-101.45	-101.25	0.85	4.52	496.76	-172.27	427.63	-103.14	-203.64
		1874	12.48	4.60	-94.48	-94.16	4.29	5.58	422.43	-181.33	369.76	-128.66	-170.36
		1925	14.08	8.64	-91.84	-91.72	8.51	-3.55	544.84	-143.88	532.39	-131.43	-91.77
1470	39	1870	12.76	3.89	-41.36	-41.00	3.53	4.01	646.26	-107.68	639.22	-100.63	-72.55
		1916	9.74	2.33	-41.32	-40.45	1.46	6.12	416.84	-162.49	352.62	-98.27	-181.88
		1874	8.89	4.26	-42.22	-41.10	3.14	7.13	341.37	-172.93	291.54	-123.11	-152.13
		1925	10.31	5.29	-39.67	-39.54	5.16	2.44	468.74	-132.82	457.39	-121.48	-81.82
1470	71	1870	12.45	3.93	-36.78	-36.31	3.46	4.35	640.73	-107.09	633.89	-100.26	-71.18
		1916	9.46	2.51	-36.84	-35.83	1.50	6.23	410.94	-161.70	347.13	-97.89	-180.19
		1874	8.63	4.31	-38.32	-37.06	3.05	7.24	335.40	-172.26	285.82	-122.68	-150.70
		1925	10.03	5.11	-35.78	-35.57	4.90	2.89	463.16	-131.95	451.91	-120.71	-81.02
1471	27	1906	8.93	-1.68	-48.59	-48.59	-1.68	0.19	78.83	-429.53	-336.36	-14.35	-196.69
		1905	9.31	-2.31	-50.35	-49.06	-3.60	7.76	93.05	-465.99	-379.35	6.42	-202.31
		1858	8.27	0.37	-27.86	-27.28	-0.21	4.01	53.64	-461.39	-390.77	-16.99	-177.17
		1896	7.91	2.72	-28.72	-28.55	2.55	-2.29	30.78	-427.14	-346.71	-49.65	-174.25
1471	40	1906	6.62	7.32	-27.77	-15.38	-5.07	16.77	97.99	-307.36	-174.96	-34.40	-190.10
		1905	7.49	10.98	-34.90	-15.35	-8.57	22.69	105.16	-334.83	-217.56	-12.10	-194.53
		1858	6.80	15.18	-23.26	-3.01	-5.08	19.19	62.89	-324.95	-226.27	-35.79	-168.92
		1896	6.00	10.88	-17.94	-4.54	-2.52	14.37	50.23	-302.50	-182.56	-69.71	-167.09
1471	72	1906	6.55	7.34	-25.87	-13.60	-4.94	16.03	97.79	-304.28	-171.03	-35.46	-189.26
		1905	7.38	10.80	-32.48	-13.51	-8.17	21.47	104.39	-331.95	-213.75	-13.81	-193.92
		1858	6.70	14.52	-21.86	-2.37	-4.97	18.14	62.12	-322.57	-222.92	-37.52	-168.53
		1896	5.93	10.46	-17.03	-3.95	-2.62	13.73	50.09	-300.08	-179.12	-70.87	-166.51
1472	3	1890	14.35	-3.82	-166.34	-166.30	-3.86	-2.63	40.41	-423.16	-376.58	-6.17	-139.37
		1891	15.41	-3.82	-177.88	-177.36	-4.35	9.54	27.86	-465.44	-433.76	-3.81	-120.92
		1911	13.58	3.57	-141.06	-138.65	1.16	18.51	88.91	-538.35	-397.20	-52.23	-261.94
		1913	13.90	1.91	-134.53	-134.38	1.76	4.55	146.22	-528.96	-352.08	-30.66	-296.89
1472	35	1890	7.89	-1.74	-74.31	-74.29	-1.76	-1.05	46.60	-286.34	-238.53	-1.21	-116.76
		1891	8.95	-1.71	-85.70	-85.41	-2.00	4.91	34.39	-326.83	-295.04	2.60	-102.33
		1911	8.63	2.65	-67.12	-64.42	-0.04	13.45	108.60	-425.16	-268.91	-47.64	-242.87
		1913	9.05	1.08	-60.61	-60.05	0.52	5.85	164.80	-416.81	-224.45	-27.56	-273.64
1472	67	1890	7.41	-1.58	-67.30	-67.29	-1.59	-0.93	47.23	-276.18	-228.12	-0.83	-115.04
		1891	8.47	-1.55	-78.68	-78.41	-1.82	4.55	34.96	-316.46	-284.58	3.09	-100.92
		1911	8.29	2.64	-61.55	-58.77	-0.13	13.06	110.39	-416.94	-259.25	-47.29	-241.43
		1913	8.72	1.07	-55.03	-54.39	0.43	5.95	166.50	-408.67	-214.84	-27.32	-271.87
1473	2	1918	10.06	93.09	0.21	61.79	31.51	43.90	349.66	-149.36	171.57	28.73	-239.07
		1926	9.74	96.79	1.93	58.05	40.67	46.63	453.84	12.98	271.79	195.04	-217.06
		1893	11.13	120.89	11.17	83.59	48.47	51.98	632.46	304.91	564.16	373.21	-133.06
		1860	10.04	105.24	-3.29	75.37	26.58	48.47	450.27	26.81	227.13	249.94	-211.42
1473	34	1918	7.35	52.00	0.91	34.24	18.68	24.33	296.74	-118.93	143.60	34.20	-200.51
		1926	7.18	52.17	-0.45	29.78	21.94	26.02	390.89	25.44	240.18	176.15	-179.90
		1893	9.26	70.49	9.73	50.53	29.68	28.53	579.02	310.26	534.06	355.22	-100.31
		1860	7.46	59.48	-2.01	44.08	13.39	26.64	407.35	50.58	199.60	258.32	-175.95
1473	66	1918	7.15	48.89	0.97	32.16	17.70	22.84	292.70	-116.63	141.46	34.61	-197.57
		1926	7.00	48.79	-0.63	27.64	20.52	24.45	386.08	26.40	237.76	174.72	-177.06
		1893	9.12	66.67	9.63	48.04	28.26	26.75	575.03	310.60	531.77	353.86	-97.81
		1860	7.28	56.02	-1.91	41.72	12.39	24.98	404.18	52.27	197.51	258.94	-173.26
1474	2	1908	9.80	84.03	5.50	51.47	38.06	38.69	300.88	-205.12	132.39	-36.63	-238.46
		1918	8.99	79.94	12.33	49.35	42.92	33.65	391.06	-115.63	286.16	-10.72	-205.30
		1860	8.08	78.99	9.37	47.59	40.77	34.64	457.29	57.69	345.93	169.04	-179.16
		1894	8.38	77.40	2.07	44.35	35.12	37.38	285.87	-115.88	131.63	38.35	-195.38
1474	34	1908	7.55	47.51	0.71	28.99	19.24	22.89	246.84	-184.54	69.78	-7.47	-212.21
		1918	6.84	45.22	5.68	26.95	23.95	19.72	318.48	-94.48	220.73	3.27	-175.53
		1860	6.35	47.08	5.21	29.51	22.78	20.66	399.97	70.31	288.10	182.17	-156.09
		1894	6.46	44.15	-0.03	26.64	17.48	21.61	248.30	-104.70	77.24	66.36	-176.41
1474	66	1908	7.39	44.75	0.34	27.29	17.80	21.69	242.99	-183.25	64.99	-5.25	-210.21
		1918	6.67	42.59	5.17	25.26	22.51	18.66	312.99	-92.94	215.73	4.33	-173.27
		1860	6.22	44.67	4.89	28.15	21.41	19.60	395.74	71.11	283.70	183.16	-154.34
		1894	6.32	41.65	-0.20	25.31	16.14	20.42	245.78	-104.19	73.10	68.49	-174.97
1475	3	1911	14.09	-10.65	-145.25	-141.36	-14.53	22.53	18.01	-557.22	-493.98	-45.23	-179.94
		1928	13.27	-23.51	-161.41	-147.10	-37.82	42.05	-101.61	-542.60	-498.30	-145.91	-132.56
		1931	9.86	-16.57	-105.82	-91.95	-30.44	32.33	-42.00	-503.42	-422.88	-122.54	-175.15
		1930	11.04	-3.84	-87.94	-85.69	-6.10	13.59	79.39	-514.03	-399.67	-34.97	-234.07
1475	35	1911	8.47	-4.38	-69.36	-65.50	-8.24	15.35	53.79	-415.98	-325.75	-36.44	-185.05
		1928	7.52	-8.53	-78.58	-68.16	-18.94	24.92	-33.20	-401.11	-323.46	-110.85	-150.13
		1931	6.80	-4.18	-51.54	-40.26	-15.46	20.18	17.22	-395.53	-285.18	-93.13	-182.68
		1930	7.31	-0.77	-40.62	-36.97	-4.41	11.49	96.56	-405.21	-268.33	-40.32	-223.49
1475	68	1911	6.80	-1.37	-51.82	-44.59	-8.59	17.67	58.03	-377.62	-281.53	-38.07	-180.64
		1928	6.24	-4.20	-62.64	-46.58	-20.26	26.09	-29.60	-362.82	-277.75	-114.67	-145.29
		1931	6.85	1.78	-42.63	-24.39	-16.45	21.84	21.23	-361.71	-243.47	-97.01	-176.91
		1930	7.25	3.67	-30.20	-21.73	-4.80	14.67	101.02	-371.58	-228.01	-42.55	-217.34
1476	23	1867	26.94	-3.99	-37.88	-23.12	-18.74	-16.81	1125.25	-848.30	-412.50	689.46	818.62

		1919	22.69	17.73	-20.18	-11.45	9.00	-15.96	1353.46	-168.16	361.51	823.79	724.85
		1924	18.01	19.47	-18.93	-11.55	12.09	-15.13	938.78	-299.80	276.42	362.56	617.79
		1866	19.44	13.43	-33.28	-8.54	-11.30	-23.31	938.04	-361.78	61.82	514.44	609.23
1476	55	1867	25.78	-8.14	-27.24	-16.50	-18.88	-9.47	1082.30	-834.88	-428.99	676.41	783.21
		1919	21.05	13.40	-9.08	-4.45	8.77	-9.09	1291.20	-147.53	344.12	799.55	682.38
		1924	16.45	14.84	-9.45	-6.37	11.76	-8.08	886.64	-283.00	256.51	347.12	583.07
		1866	18.05	8.56	-23.80	-3.58	-11.66	-15.67	890.50	-348.75	42.40	499.35	575.97
1476	87	1867	25.70	-8.40	-26.50	-16.01	-18.89	-8.93	1078.98	-833.83	-430.19	675.33	780.49
		1919	20.93	13.08	-8.26	-3.93	8.75	-8.58	1286.38	-145.91	342.86	797.61	679.09
		1924	16.33	14.52	-8.77	-5.98	11.73	-7.56	882.63	-281.72	255.03	345.88	580.40
		1866	17.94	8.24	-23.14	-3.21	-11.69	-15.10	886.82	-347.78	40.94	498.10	573.42
1477	2	1888	14.33	187.68	7.71	187.49	7.90	5.75	352.86	3.97	346.75	10.07	-45.75
		1889	11.37	179.71	-1.02	179.39	-0.69	-7.62	162.22	-13.10	148.73	0.38	-46.72
		1914	11.33	139.40	-8.10	139.15	-7.84	-6.11	282.79	-166.63	150.83	-34.68	-204.67
		1916	13.73	146.05	-0.49	145.63	-0.08	7.75	451.56	-100.54	371.58	-20.56	-194.32
1477	34	1888	9.12	101.80	3.73	101.71	3.83	3.05	287.48	-18.87	264.94	3.67	-79.98
		1889	6.18	94.36	-0.41	94.24	-0.29	-3.37	119.65	-50.45	67.95	1.25	-78.23
		1914	7.91	72.40	-3.81	72.40	-3.81	0.12	260.31	-217.99	74.45	-32.13	-233.13
		1916	10.01	78.29	-0.60	77.75	-0.07	6.47	410.78	-141.49	294.19	-24.90	-225.38
1477	66	1888	8.74	95.28	3.43	95.19	3.52	2.85	283.28	-21.16	258.94	3.18	-82.58
		1889	5.81	87.87	-0.37	87.77	-0.26	-3.04	117.82	-54.48	62.02	1.32	-80.62
		1914	7.71	67.34	-3.51	67.33	-3.50	0.60	259.09	-222.17	68.86	-31.94	-235.29
		1916	9.76	73.15	-0.62	72.59	-0.07	6.37	408.18	-144.89	288.52	-25.23	-227.73
1478	27	1922	16.23	5.58	-14.64	1.25	-10.31	-8.29	826.75	-316.95	38.32	471.48	529.25
		1882	11.27	-1.36	-13.45	-2.80	-12.02	-3.91	639.59	-125.25	28.18	486.16	306.28
		1883	10.63	4.62	-20.97	-0.68	-15.66	-10.38	523.86	-176.86	26.77	320.22	318.16
		1877	15.75	12.37	-19.52	3.06	-10.20	-14.50	749.73	-332.10	115.34	302.29	532.78
1478	59	1922	14.90	6.14	-5.06	0.66	0.41	-5.60	780.21	-298.18	35.52	446.51	498.50
		1882	10.19	11.93	-1.45	-1.31	11.78	-1.39	594.99	-107.97	25.61	461.41	275.79
		1883	8.75	9.65	-2.34	-0.33	7.64	-4.48	477.17	-158.19	23.76	295.22	287.22
		1877	14.22	8.97	-7.67	1.33	-0.03	-8.30	703.02	-313.43	112.53	277.06	501.53
1478	91	1922	14.80	6.32	-4.50	0.62	1.20	-5.40	776.69	-296.76	35.31	444.62	496.18
		1882	10.20	13.64	-1.30	-1.20	13.54	-1.21	591.63	-106.68	25.42	459.54	273.48
		1883	8.62	10.83	-1.78	-0.31	9.36	-4.04	473.64	-156.78	23.53	293.33	284.89
		1877	14.11	8.80	-6.88	1.20	0.72	-7.84	699.50	-312.03	112.32	275.15	499.17
1479	27	1907	7.69	-2.69	-47.89	-47.88	-2.70	-0.55	79.34	-356.89	-252.68	-24.88	-186.01
		1906	8.62	-0.40	-48.98	-47.86	-1.52	7.29	81.41	-428.85	-341.49	-5.94	-192.20
		1896	7.60	3.93	-29.65	-28.61	2.89	5.82	31.27	-429.79	-355.00	-43.52	-169.97
		1857	6.70	1.89	-30.73	-30.68	1.85	-1.22	22.87	-358.04	-264.17	-71.00	-164.15
1479	40	1907	6.26	7.65	-27.69	-15.32	-4.73	16.86	122.33	-247.20	-76.80	-48.07	-184.21
		1906	6.98	11.63	-32.10	-15.11	-5.36	21.32	105.95	-297.95	-165.19	-26.81	-189.73
		1896	6.38	14.45	-25.60	-7.63	-3.52	19.92	55.30	-296.92	-177.09	-64.53	-166.88
		1857	5.67	9.69	-22.45	-9.63	-3.13	15.74	71.34	-252.21	-86.69	-94.18	-161.73
1479	72	1907	6.17	7.59	-25.77	-13.57	-4.60	16.06	122.36	-244.92	-73.83	-48.73	-183.22
		1906	6.87	11.31	-29.88	-13.35	-5.22	20.19	105.15	-295.60	-162.33	-28.12	-188.80
		1896	6.27	13.70	-24.03	-6.77	-3.56	18.80	54.73	-294.97	-174.36	-65.88	-166.23
		1857	5.59	9.24	-21.18	-8.76	-3.18	14.95	71.73	-250.48	-83.87	-94.88	-161.01
1480	3	1889	11.39	-5.04	-153.10	-153.09	-5.04	-0.52	86.21	-288.84	-204.97	2.34	-156.27
		1890	13.17	-1.11	-161.11	-160.37	-1.86	10.88	74.26	-373.71	-315.64	16.19	-150.48
		1913	12.53	6.91	-129.74	-127.14	4.32	18.65	170.11	-488.78	-306.84	-11.83	-294.57
		1914	11.73	1.95	-122.67	-122.46	1.74	5.15	216.25	-428.02	-193.13	-18.64	-310.10
1480	35	1889	5.74	-2.33	-63.60	-63.60	-2.33	-0.22	91.06	-185.74	-100.33	5.65	-127.85
		1890	7.36	-0.42	-71.87	-71.47	-0.82	5.32	67.04	-266.78	-212.08	12.33	-123.57
		1913	8.32	4.20	-59.02	-56.45	1.64	12.48	174.85	-397.55	-206.18	-16.53	-270.03
		1914	7.96	1.11	-52.23	-51.69	0.57	5.34	232.70	-340.57	-91.52	-16.36	-284.16
1480	67	1889	5.35	-2.12	-56.80	-56.80	-2.12	-0.20	91.67	-178.30	-92.53	5.90	-125.69
		1890	6.94	-0.37	-65.08	-64.71	-0.74	4.89	66.55	-258.87	-204.36	12.04	-121.52
		1913	8.05	4.05	-53.69	-51.07	1.43	12.01	175.37	-390.94	-198.69	-16.88	-268.17
		1914	7.89	1.09	-46.91	-46.31	0.49	5.35	234.15	-334.29	-83.95	-16.18	-282.19
1481	7	1912	15.40	5.06	-76.20	-62.54	-8.60	30.39	701.61	-119.50	625.88	-43.78	-237.58
		1910	13.42	2.19	-89.21	-68.22	-18.79	38.44	523.33	-128.83	414.12	-19.61	-243.51
		1856	11.60	6.74	-69.81	-51.14	-11.93	32.88	420.98	-182.58	326.71	-88.31	-219.11
		1898	14.17	4.37	-66.30	-53.64	-8.29	27.10	609.12	-193.50	544.58	-128.96	-218.25
1481	39	1912	12.27	4.24	-35.04	-25.90	-4.90	16.60	638.54	-111.74	574.05	-47.25	-210.30
		1910	10.10	3.07	-42.81	-29.28	-10.47	20.92	455.38	-129.65	363.44	-37.71	-212.92
		1856	8.96	3.77	-36.72	-25.19	-7.76	18.27	354.50	-187.11	273.11	-105.72	-193.54
		1898	11.54	2.15	-34.99	-27.14	-5.70	15.17	545.31	-185.46	490.01	-130.17	-193.26
1481	71	1912	12.04	4.22	-31.95	-23.11	-4.61	15.54	633.93	-111.15	570.28	-47.50	-208.26
		1910	9.85	3.17	-39.32	-26.32	-9.84	19.58	450.37	-129.71	359.74	-39.07	-210.62
		1856	8.76	3.56	-34.21	-23.21	-7.44	17.15	349.65	-187.43	269.23	-107.02	-191.63
		1898	11.35	1.99	-32.61	-25.12	-5.50	14.25	540.67	-184.84	486.07	-130.24	-191.40
1482	7	1929	23.92	-2.04	-90.52	-79.54	-13.02	29.17	1424.52	94.74	1398.10	121.17	185.58
		1902	21.44	2.30	-87.72	-78.58	-6.84	27.19	1193.17	-19.66	1174.34	-0.82	149.95
		1899	21.77	0.76	-105.64	-97.10	-7.77	28.90	1150.67	10.89	1146.70	14.87	67.20
		1854	25.77	-6.32	-108.65	-99.84	-15.13	28.70	1513.21	226.19	1508.41	230.98	78.41
1482	39	1929	21.09	-0.09	-40.39	-34.51	-5.97	14.22	1358.65	81.51	1329.11	111.05	191.95
		1902	18.49	1.79	-38.87	-33.81	-3.27	13.42	1127.26	-30.55	1105.88	-9.17	155.87

		1899	18.48	-0.31	-53.04	-48.97	-4.38	14.08	1083.42	1.36	1078.45	6.33	73.18
		1854	22.52	-5.16	-54.26	-50.74	-8.68	12.67	1445.63	215.18	1439.77	221.04	84.73
1482	71	1929	20.88	0.06	-36.58	-31.08	-5.44	13.09	1353.65	80.46	1323.86	110.24	192.44
		1902	18.28	1.76	-35.16	-30.40	-3.00	12.38	1122.26	-31.43	1100.67	-9.84	156.32
		1899	18.24	-0.39	-49.03	-45.29	-4.12	12.95	1078.31	0.59	1073.25	5.64	73.63
		1854	22.28	-5.06	-50.12	-46.99	-8.19	11.45	1440.49	214.30	1434.54	220.25	85.22
1483	27	1924	19.23	10.37	-14.99	-1.23	-3.40	-12.63	1020.89	-325.30	-4.80	700.39	573.35
		1881	13.58	11.11	-6.15	-4.19	9.16	-5.47	847.92	-92.09	56.44	699.39	342.87
		1882	11.42	12.25	-7.81	0.01	4.43	-9.78	650.78	-131.78	41.16	477.84	324.70
		1922	16.54	15.84	-15.18	2.43	-1.77	-15.37	827.20	-309.62	66.47	451.11	534.89
1483	59	1924	17.86	10.27	-6.76	-0.29	3.79	-8.27	972.52	-309.51	-8.78	671.79	543.24
		1881	13.56	24.76	-2.04	-1.93	24.66	-1.66	800.97	-77.97	52.45	670.56	312.44
		1882	10.43	19.93	-0.74	-0.04	19.23	-3.74	601.72	-116.35	36.41	448.96	293.86
		1922	15.00	11.80	-6.01	1.16	4.63	-8.73	777.82	-293.53	61.81	422.47	504.41
1483	91	1924	17.75	10.31	-6.21	-0.22	4.32	-7.95	968.85	-308.32	-9.07	669.61	540.96
		1881	13.55	25.87	-1.84	-1.77	25.80	-1.38	797.42	-76.91	52.16	668.36	310.14
		1882	10.43	20.84	-0.56	-0.04	20.33	-3.29	598.00	-115.19	36.05	446.75	291.53
		1922	14.88	11.57	-5.41	1.06	5.10	-8.24	774.07	-292.32	61.46	420.29	502.11
1484	3	1873	6.78	-52.62	-73.12	-60.12	-65.62	9.87	-78.77	-287.30	-89.34	-276.73	45.73
		1876	7.02	-53.21	-78.96	-62.90	-69.27	12.47	-190.60	-291.35	-206.90	-275.05	-37.10
		1868	6.34	-51.02	-74.51	-56.05	-69.47	9.64	-175.18	-231.91	-177.77	-229.33	-11.84
1484	34	1873	6.42	50.59	20.19	21.53	49.25	-6.24	207.60	-173.57	169.42	-135.40	114.42
		1876	4.36	46.09	18.26	18.75	45.60	-3.64	57.10	-138.95	51.87	-133.72	31.59
		1868	4.10	47.32	23.67	25.59	45.40	-6.47	98.34	-105.33	81.00	-87.99	56.85
1484	66	1873	6.30	47.34	18.12	19.32	46.14	-5.80	199.77	-176.60	162.39	-139.22	112.56
		1876	4.24	42.88	16.15	16.54	42.49	-3.20	49.56	-142.27	44.84	-137.54	29.73
		1868	3.97	44.05	21.62	23.38	42.29	-6.03	90.55	-108.40	73.97	-91.81	54.99
1485	27	1906	8.80	-2.53	-50.16	-35.42	-17.27	-22.02	77.67	-432.44	-19.54	-335.22	-200.35
		1871	9.28	-1.93	-47.78	-33.95	-15.76	-21.05	108.02	-453.90	-1.71	-344.17	-222.76
		1905	9.43	-2.83	-49.57	-35.39	-17.01	-21.48	81.30	-470.51	-38.81	-350.41	-227.70
1485	36	1906	6.93	8.42	-31.79	-31.78	8.42	0.38	100.12	-309.89	65.50	-275.27	-114.01
		1871	7.54	9.97	-30.36	-30.31	9.93	1.35	128.43	-329.31	83.33	-284.21	-136.42
		1905	7.29	8.69	-31.77	-31.75	8.67	0.91	97.72	-341.93	46.24	-290.45	-141.36
1485	68	1906	6.83	8.39	-29.61	-29.59	8.37	0.88	100.05	-306.64	66.81	-273.40	-111.41
		1871	7.44	9.97	-28.20	-28.11	9.88	1.85	128.26	-325.96	84.64	-282.34	-133.82
		1905	7.20	8.67	-29.60	-29.55	8.62	1.41	97.43	-338.47	47.55	-288.59	-138.77
1486	27	1869	26.37	2.23	-37.58	0.04	-35.39	-9.09	1909.17	768.81	1207.46	1470.52	554.81
		1927	26.18	38.71	-14.32	-11.44	35.83	-12.02	1676.28	-11.77	258.23	1406.28	618.76
		1919	27.18	18.18	-23.47	-15.46	10.17	-16.42	1662.98	-126.31	657.72	878.96	887.78
		1867	24.66	-19.64	-28.13	-27.99	-19.79	1.10	575.84	-1243.53	-716.62	48.93	825.23
1486	51	1869	27.07	5.62	-37.62	4.72	-36.73	-6.15	1968.90	786.10	1198.66	1556.34	563.71
		1927	25.43	34.48	-8.15	-7.15	33.49	-6.44	1597.91	-43.21	189.72	1364.98	572.72
		1919	25.17	14.44	-12.89	-7.00	8.54	-11.24	1567.81	-110.42	616.83	840.57	831.62
		1867	26.11	-15.23	-24.78	-19.09	-20.92	4.68	725.01	-1226.30	-709.98	208.70	860.76
1486	83	1869	27.12	5.88	-37.66	5.06	-36.84	-5.93	1973.48	787.11	1198.32	1562.27	564.58
		1927	25.36	34.19	-7.71	-6.83	33.31	-6.02	1592.44	-43.39	186.87	1362.18	568.90
		1919	25.03	14.15	-12.10	-6.37	8.42	-10.84	1561.41	-109.40	614.30	837.70	827.90
		1867	26.03	-14.59	-24.85	-18.43	-21.01	4.96	719.19	-1225.23	-712.17	206.13	856.95
1487	7	1919	22.02	21.23	-10.66	-3.98	14.55	-12.98	1266.11	-299.36	55.77	910.98	655.61
		1880	20.15	49.32	-3.78	-3.78	49.32	0.45	1197.77	-15.63	162.44	1019.70	429.37
		1881	14.94	40.14	-1.32	-1.16	39.98	-2.58	864.28	-90.11	117.20	656.98	393.54
		1924	17.60	22.33	-6.47	-0.32	16.18	-11.81	926.10	-332.94	93.95	499.20	596.02
1487	39	1919	21.69	16.92	-6.95	-2.28	12.25	-9.47	1264.80	-287.29	44.92	932.59	636.60
		1880	19.39	48.41	-1.69	-1.48	48.21	3.21	1143.66	-12.49	148.90	982.27	400.67
		1881	14.23	38.61	-0.49	-0.46	38.58	1.09	808.29	-84.30	104.30	619.70	364.38
		1924	16.96	16.74	-3.30	-0.02	13.46	-7.42	918.82	-314.28	83.68	520.86	576.50
1487	71	1919	21.67	16.60	-6.67	-2.15	12.08	-9.21	1264.88	-286.39	44.09	934.40	635.17
		1880	19.33	48.36	-1.54	-1.31	48.12	3.42	1139.40	-12.27	147.86	979.27	398.46
		1881	14.17	38.53	-0.45	-0.41	38.48	1.37	803.89	-83.88	103.30	616.71	362.13
		1924	16.91	16.33	-3.07	3.83e-03	13.25	-7.08	918.43	-312.87	82.90	522.67	575.04
1488	27	1920	16.81	1.58	-34.86	-1.70	-31.58	-10.43	804.44	-402.29	321.12	81.04	591.30
		1884	10.32	-9.63	-52.42	-10.07	-51.98	-4.34	438.50	-266.77	40.08	131.65	349.65
		1885	14.63	3.68	-56.62	-1.69	-51.25	-17.17	585.83	-441.83	207.40	-63.40	495.67
		1923	19.89	14.82	-41.39	3.84	-30.41	-22.28	932.46	-479.63	559.99	-107.17	622.28
1488	39	1920	15.39	2.31	-6.62	-8.14e-03	-4.30	-3.91	747.44	-396.43	309.58	41.43	556.00
		1884	8.33	-2.73	-4.30	-4.17	-2.86	0.43	380.74	-254.48	27.14	99.11	315.56
		1885	12.78	3.81	-6.54	1.86	-4.59	-4.05	533.43	-428.49	191.79	-86.85	460.34
		1923	18.37	8.46	-9.95	3.00	-4.50	-8.40	879.07	-479.41	544.97	-145.31	585.02
1488	71	1920	15.32	2.51	-5.66	1.38e-03	-3.15	-3.77	744.82	-393.40	308.49	42.93	553.40
		1884	8.29	-0.59	-4.00	-3.92	-0.67	0.52	378.17	-251.91	25.86	100.39	312.83
		1885	12.67	3.84	-4.48	1.89	-2.53	-3.52	528.75	-426.41	189.89	-87.55	456.99
		1923	18.26	8.12	-8.72	2.84	-3.45	-7.81	875.66	-476.15	543.30	-143.79	582.08
1489	7	1862	17.28	5.85	-38.02	-22.79	-9.38	20.89	1097.10	33.51	1096.73	33.89	-19.99
		1921	19.84	8.97	-38.27	-8.90	-20.40	22.91	1202.66	-146.42	1189.99	-133.75	130.13
		1901	25.03	-29.62	-41.27	-40.86	-30.03	-2.15	1595.13	32.10	1593.29	33.95	-53.62
		1861	24.47	8.60	-27.99	-25.02	5.63	10.01	1620.43	204.29	1569.12	255.61	-264.64
1489	39	1862	15.43	-4.61	-13.04	-8.15	-9.49	4.16	1026.70	23.84	1026.01	24.53	-26.37

		1921	18.93	11.05	-12.53	8.00	-9.48	7.92	1134.64	-136.94	1122.84	-125.15	121.88
		1901	22.88	-7.59	-31.75	-19.30	-20.04	-12.07	1513.02	37.20	1511.07	39.16	-53.65
		1861	22.04	4.54	-5.63	-5.40	4.31	-1.50	1535.58	190.37	1485.98	239.97	-253.51
1489	71	1862	15.29	-5.14	-11.42	-7.05	-9.51	2.89	1021.35	23.12	1020.63	23.84	-26.86
		1921	18.86	11.55	-10.94	9.27	-8.66	6.79	1129.46	-136.22	1117.74	-124.50	121.25
		1901	22.72	-5.63	-31.32	-17.66	-19.28	-12.82	1506.78	37.58	1504.82	39.54	-53.65
		1861	21.85	4.86	-4.55	-3.91	4.21	-2.38	1529.13	189.32	1479.66	238.79	-252.64
1490	18	1904	8.91	68.07	-12.99	58.68	-3.60	25.94	218.54	-251.00	-14.54	-17.92	-234.76
		1908	7.70	67.41	8.34	59.74	16.01	19.85	291.63	-172.71	109.48	9.45	-226.72
		1894	6.84	60.16	5.19	51.66	13.69	19.88	296.93	-92.36	123.26	81.30	-193.51
		1859	7.89	59.32	-14.88	48.38	-3.94	26.31	196.84	-200.64	-5.94	2.14	-198.70
1490	54	1904	7.50	35.47	-11.08	29.01	-4.62	16.09	174.49	-260.43	-85.00	-0.95	-213.36
		1908	6.63	37.01	-1.71	29.82	5.47	15.06	233.55	-171.77	38.71	23.06	-202.51
		1894	5.90	35.87	-1.98	29.34	4.55	14.30	248.62	-95.47	57.06	96.10	-170.94
		1859	6.54	32.57	-10.54	26.40	-4.36	15.10	159.49	-210.51	-71.75	20.73	-179.13
1490	86	1904	7.40	33.59	-10.68	27.30	-4.39	15.45	172.28	-261.12	-88.68	-0.17	-212.13
		1908	6.55	35.08	-1.88	28.08	5.12	14.48	230.67	-171.84	35.04	23.79	-201.18
		1894	5.82	34.09	-2.02	27.83	4.24	13.67	246.22	-95.86	53.48	96.88	-169.66
		1859	6.45	30.85	-10.08	24.93	-4.15	14.40	157.56	-211.32	-75.34	21.58	-177.96
1491	27	1866	18.78	10.65	-29.65	-2.24	-16.76	-18.80	915.11	-365.50	-200.33	749.95	429.22
		1924	17.90	13.41	-20.12	-4.97	-1.74	-16.68	955.59	-272.09	5.19	678.31	513.35
		1922	15.11	20.04	-22.72	-3.51	0.83	-21.27	751.14	-243.36	79.94	427.84	465.83
		1865	13.49	17.35	-31.76	-0.98	-13.43	-23.75	676.80	-146.77	72.12	457.92	363.81
1491	59	1866	17.52	5.28	-22.01	-0.69	-16.04	-11.28	869.64	-349.15	-204.09	724.58	394.65
		1924	16.35	11.57	-9.06	-1.83	4.33	-9.84	907.20	-250.28	2.94	653.98	478.51
		1922	13.28	13.97	-9.95	-1.79	5.80	-11.34	699.73	-224.27	72.90	402.56	431.59
		1865	11.84	8.36	-22.08	-0.33	-13.39	-13.75	625.59	-128.62	65.13	431.84	329.53
1491	91	1866	17.42	4.92	-21.49	-0.57	-16.00	-10.72	866.20	-347.93	-204.36	722.64	392.05
		1924	16.23	11.46	-8.27	-1.59	4.78	-9.33	903.54	-248.62	2.79	652.13	475.88
		1922	13.14	13.56	-9.05	-1.66	6.17	-10.61	695.84	-222.84	72.36	400.63	429.01
		1865	11.71	7.72	-21.40	-0.29	-13.39	-13.01	621.71	-127.27	64.60	429.83	326.95
1492	27	1903	9.32	-2.14	-42.57	-42.52	-2.19	-1.36	117.33	-443.04	-347.56	21.85	-210.68
		1904	8.57	-1.16	-42.90	-42.74	-1.33	2.60	139.77	-392.21	-295.92	43.48	-204.83
		1859	6.79	-0.98	-27.88	-27.83	-1.03	-1.13	104.69	-310.03	-268.15	62.81	-124.96
		1895	7.55	-0.87	-29.71	-28.96	-1.62	-4.60	58.29	-378.26	-331.27	11.31	-135.29
1492	52	1903	7.62	26.26	-14.56	19.05	-7.34	15.57	141.17	-304.77	-153.33	-10.27	-211.19
		1904	7.34	26.73	-14.94	20.03	-8.23	15.31	171.80	-261.04	-101.97	12.73	-208.68
		1859	6.39	25.90	-12.18	20.40	-6.68	13.39	160.81	-210.65	-86.34	36.50	-175.28
		1895	6.74	24.80	-12.48	18.24	-5.91	14.20	110.40	-276.03	-149.06	-16.57	-181.51
1492	84	1903	7.53	25.08	-14.00	18.09	-7.02	14.97	139.13	-305.25	-155.66	-10.45	-209.99
		1904	7.26	25.58	-14.22	19.07	-7.71	14.72	169.96	-261.67	-104.31	12.60	-207.75
		1859	6.31	24.74	-11.57	19.45	-6.28	12.82	158.96	-211.55	-88.94	36.35	-174.34
		1895	6.66	23.56	-11.99	17.27	-5.70	13.57	108.29	-276.73	-151.65	-16.78	-180.31
1493	3	1891	18.42	-9.58	-198.13	-197.96	-9.75	5.64	-36.94	-629.70	-599.84	-66.80	-129.64
		1892	20.96	-12.57	-217.18	-214.20	-15.55	24.54	109.59	-651.99	-651.03	108.63	-26.99
		1928	13.79	0.32	-153.45	-144.21	-8.92	36.53	-10.42	-480.55	-463.68	-27.29	-87.46
		1911	15.18	-0.71	-139.94	-138.95	-1.70	11.72	76.93	-601.99	-500.32	-24.74	-242.26
1493	35	1891	10.06	-4.46	-95.34	-95.23	-4.58	3.24	-7.63	-391.53	-357.84	-41.32	-108.62
		1892	12.34	-5.74	-112.62	-111.25	-7.12	12.05	84.49	-423.43	-421.13	82.19	-34.11
		1928	7.46	2.97	-76.57	-68.45	-5.15	24.09	-26.25	-353.23	-304.65	-74.83	-116.30
		1911	9.76	0.05	-66.00	-64.44	-1.51	10.04	119.56	-465.74	-331.26	-14.92	-246.22
1493	67	1891	9.43	-4.07	-87.51	-87.40	-4.18	3.05	-5.10	-373.68	-339.42	-39.36	-107.02
		1892	11.69	-5.23	-104.65	-103.40	-6.48	11.09	82.64	-406.11	-403.64	80.16	-34.67
		1928	7.01	3.25	-70.79	-62.68	-4.87	23.13	-25.80	-345.24	-292.58	-78.46	-118.53
		1911	9.39	0.17	-60.43	-58.77	-1.49	9.91	123.40	-455.99	-318.42	-14.16	-246.54
1494	3	1930	10.83	-10.62	-93.07	-87.58	-16.11	20.54	68.91	-514.65	-419.76	-25.98	-215.34
		1931	9.70	-23.52	-109.64	-92.83	-40.33	34.13	44.81	-467.50	-392.82	-29.87	-180.78
		1904	7.49	-18.38	-66.38	-53.42	-31.34	21.31	95.80	-399.27	-320.66	17.18	-180.94
		1903	8.91	-1.63	-49.12	-46.26	-4.49	11.30	90.79	-467.47	-366.36	-10.32	-214.99
1494	36	1930	7.36	2.02	-37.51	-25.02	-10.46	18.37	86.93	-376.88	-254.99	-34.97	-204.15
		1931	7.29	-1.19	-49.70	-27.23	-23.66	24.19	71.20	-342.28	-229.10	-41.98	-184.36
		1904	6.97	4.35	-33.13	-10.35	-18.42	18.30	115.69	-296.44	-183.02	2.28	-184.06
		1903	7.16	8.30	-20.95	-8.02	-4.63	14.53	101.36	-352.78	-229.25	-22.17	-202.09
1494	68	1930	7.30	2.59	-34.78	-22.34	-9.85	17.61	88.67	-371.79	-247.93	-35.19	-204.19
		1931	7.21	-0.15	-46.07	-24.38	-21.84	22.92	73.86	-338.34	-222.15	-42.33	-185.45
		1904	6.90	5.07	-30.86	-8.79	-17.00	17.49	117.71	-293.77	-177.72	1.66	-185.16
		1903	7.11	8.47	-19.72	-6.75	-4.50	14.05	102.44	-349.02	-223.93	-22.64	-202.05
1495	7	1910	13.21	5.97	-75.45	-67.91	-1.57	23.60	534.92	-145.15	472.59	-82.82	-196.22
		1909	11.13	8.05	-83.97	-69.38	-6.54	33.61	353.06	-160.52	235.79	-43.25	-215.59
		1897	9.88	12.31	-64.06	-49.62	-2.12	29.90	298.49	-190.18	205.89	-97.58	-191.51
		1856	11.52	9.28	-56.26	-50.42	3.45	18.66	435.83	-203.26	382.51	-149.94	-176.73
1495	39	1910	10.00	4.25	-35.69	-29.68	-1.76	14.27	460.76	-137.25	407.89	-84.37	-169.77
		1909	7.95	5.92	-40.83	-30.35	-4.56	19.50	277.23	-164.33	172.13	-59.23	-188.05
		1897	7.25	6.90	-33.83	-24.15	-2.78	17.33	222.57	-196.01	138.93	-112.36	-167.38
		1856	8.91	4.52	-29.96	-25.46	0.01	11.62	360.61	-195.81	314.19	-149.39	-153.87
1495	71	1910	9.76	4.17	-32.71	-26.77	-1.77	13.56	455.35	-136.64	403.20	-84.49	-167.79
		1909	7.71	5.81	-37.60	-27.38	-4.41	18.41	271.67	-164.58	167.52	-60.43	-185.98

		1897	7.05	6.50	-31.54	-22.21	-2.83	16.37	217.02	-196.41	134.07	-113.46	-165.57
		1856	8.71	4.18	-27.98	-23.56	-0.24	11.07	355.13	-195.23	309.23	-149.34	-152.16
1496	27	1864	10.71	11.23	-40.34	3.49	-32.60	-18.42	554.86	-72.98	259.83	222.05	313.35
		1877	13.74	15.72	-23.56	2.92	-10.75	-18.41	664.67	-230.28	140.22	294.17	440.80
		1920	13.97	15.13	-22.82	3.35	-11.03	-17.56	679.45	-252.66	275.94	150.85	461.84
1496	59	1864	9.04	5.62	-25.86	1.76	-22.00	-10.32	504.01	-57.42	244.40	202.19	279.92
		1877	12.02	10.85	-9.82	1.19	-0.15	-10.31	613.73	-214.62	124.79	274.31	407.37
		1920	12.40	10.11	-8.92	1.61	-0.43	-9.46	629.02	-237.52	260.51	130.99	428.41
1496	91	1864	8.92	5.21	-24.80	1.63	-21.22	-9.72	500.19	-56.24	243.25	200.71	277.40
		1877	11.89	10.56	-8.87	1.06	0.63	-9.71	609.90	-213.44	123.64	272.83	404.86
		1920	12.29	9.80	-7.96	1.48	0.35	-8.86	625.24	-236.38	259.36	129.50	425.89
1497	3	1871	10.51	-1.26	-99.99	-97.31	-3.94	16.05	102.31	-470.55	-314.05	-54.20	-255.27
		1930	10.35	-7.48	-110.91	-100.78	-17.60	30.74	99.23	-494.00	-347.42	-47.35	-255.87
		1903	8.76	-1.25	-69.85	-60.93	-10.17	23.08	103.41	-473.73	-331.48	-38.84	-248.72
		1905	9.50	9.64	-59.16	-58.38	8.86	7.31	81.47	-473.91	-327.91	-64.53	-244.48
1497	36	1871	7.32	5.89	-38.14	-29.66	-2.59	17.36	114.48	-340.07	-161.76	-63.83	-221.94
		1930	8.02	5.13	-46.86	-31.34	-10.38	23.79	107.37	-363.93	-195.58	-60.98	-225.83
		1903	7.66	9.62	-31.72	-16.09	-6.02	20.05	108.88	-350.67	-188.82	-52.96	-219.51
		1905	6.90	9.63	-23.22	-15.74	2.16	13.77	89.05	-347.66	-184.73	-73.88	-211.20
1497	68	1871	7.24	6.04	-35.20	-26.68	-2.48	16.70	115.15	-335.97	-156.65	-64.17	-220.77
		1930	7.91	5.52	-43.40	-28.25	-9.63	22.62	107.89	-359.95	-190.51	-61.55	-224.86
		1903	7.57	9.69	-29.59	-14.26	-5.64	19.16	109.23	-347.06	-184.22	-53.61	-218.60
		1905	6.84	9.45	-21.68	-14.04	1.81	13.39	89.47	-343.79	-180.09	-74.23	-210.06
1498	7	1861	24.66	20.08	-65.53	-27.92	-17.54	42.49	1589.48	218.08	1545.85	261.71	-240.69
		1901	24.49	-4.19	-68.91	-42.75	-30.35	31.76	1565.28	99.41	1564.74	99.95	-28.30
		1878	32.31	-57.49	-112.10	-107.00	-62.59	15.89	2041.21	477.16	2008.53	509.83	-223.69
		44	41.78	-9.85	-116.97	-103.98	-22.84	34.96	2659.78	589.67	2545.71	703.73	-472.36
1498	39	1861	21.67	6.22	-24.40	-6.17	-12.01	15.03	1498.26	189.05	1459.69	227.62	-221.37
		1901	22.39	-4.17	-27.74	-19.61	-12.30	11.20	1479.79	76.42	1479.52	76.69	-19.32
		1878	28.27	-33.71	-51.96	-50.87	-34.81	4.33	1930.76	454.77	1901.98	483.54	-204.06
		44	37.37	-6.62	-56.12	-51.74	-11.00	14.06	2544.00	558.55	2436.88	665.68	-448.57
1498	71	1861	21.45	5.36	-21.47	-4.52	-11.59	12.94	1491.33	186.83	1453.15	225.01	-219.89
		1901	22.24	-4.15	-24.63	-17.85	-10.93	9.64	1473.30	74.65	1473.05	74.90	-18.62
		1878	27.96	-31.88	-47.40	-46.58	-32.70	3.46	1922.39	453.04	1893.91	481.52	-202.57
		44	37.03	-6.35	-51.51	-47.76	-10.11	12.47	2535.22	556.17	2428.63	662.76	-446.75
1499	7	1902	21.27	-3.72	-81.53	-68.49	-16.76	29.06	1190.08	-17.14	1188.62	-15.68	-41.93
		1915	18.32	4.54	-86.17	-68.80	-12.83	35.69	931.81	-66.64	919.13	-53.97	-111.78
		1855	18.08	4.72	-93.40	-75.26	-13.42	38.09	843.34	-143.41	825.49	-125.56	-131.51
		1899	20.92	-1.99	-93.70	-77.30	-18.39	35.14	1130.85	10.04	1120.13	20.75	-109.06
1499	39	1902	18.50	-0.43	-35.69	-28.59	-7.52	14.13	1130.80	-28.57	1130.17	-27.93	-27.18
		1915	15.32	4.10	-39.68	-29.65	-5.93	18.40	870.76	-75.59	859.92	-64.74	-100.74
		1855	15.02	2.02	-47.73	-38.25	-7.46	19.54	784.22	-139.84	769.67	-125.29	-115.03
		1899	18.08	-1.98	-47.63	-39.79	-9.82	17.22	1072.29	-0.24	1063.92	8.13	-94.39
1499	71	1902	18.30	-0.18	-32.20	-25.56	-6.83	12.99	1126.35	-29.47	1125.76	-28.88	-26.07
		1915	15.10	4.08	-36.15	-26.67	-5.41	17.08	866.16	-76.29	855.45	-65.58	-99.90
		1855	14.79	1.81	-44.25	-35.43	-7.01	18.12	779.77	-139.55	765.47	-125.25	-113.78
		1899	17.87	-1.99	-44.11	-36.93	-9.17	15.85	1067.89	-1.06	1059.69	7.15	-93.28
1500	7	1909	8.41	4.43	-72.14	-66.38	-1.33	20.20	214.41	-200.26	72.21	-58.07	-196.84
		1907	8.47	9.46	-78.94	-66.03	-3.45	31.22	154.99	-271.18	-86.41	-29.78	-211.20
		1857	7.55	16.65	-57.57	-42.55	1.63	29.82	98.98	-269.83	-96.53	-74.32	-184.07
		1897	7.19	9.56	-49.27	-43.40	3.70	17.63	149.57	-224.96	34.92	-110.31	-172.62
1500	39	1909	6.73	3.49	-34.46	-29.09	-1.88	13.23	211.29	-180.23	101.45	-70.39	-175.89
		1907	6.66	6.87	-38.72	-28.69	-3.16	18.88	137.61	-243.90	-58.21	-48.09	-190.69
		1857	6.01	9.49	-30.50	-19.99	-1.01	17.60	86.18	-248.79	-69.32	-93.28	-167.05
		1897	6.04	5.15	-26.40	-21.36	0.11	11.56	151.30	-210.37	63.24	-122.31	-155.22
1500	68	1909	6.54	7.88	-27.08	-16.63	-2.56	16.00	205.33	-179.21	103.50	-77.37	-169.68
		1907	6.53	10.78	-30.74	-16.25	-3.71	19.79	128.63	-240.09	-56.23	-55.23	-184.36
		1857	5.92	11.35	-27.16	-13.10	-2.71	18.54	78.05	-246.01	-67.46	-100.51	-161.18
		1897	6.00	7.82	-24.10	-14.63	-1.66	14.58	146.26	-210.42	65.18	-129.34	-149.49
1501	7	1925	13.94	-3.34	-91.75	-88.44	-6.65	16.80	554.49	-147.18	478.36	-71.05	-218.23
		1874	12.34	9.60	-92.91	-84.78	1.48	27.69	412.07	-163.89	284.62	-36.44	-239.09
		1909	11.37	15.34	-81.85	-71.46	4.95	30.03	355.19	-166.69	267.77	-79.26	-194.89
		1910	13.29	6.69	-76.22	-70.09	0.56	21.69	542.26	-135.81	500.11	-93.66	-163.73
1501	39	1925	10.30	0.04	-39.87	-36.40	-3.44	11.25	476.37	-134.74	409.54	-67.91	-190.71
		1874	8.82	6.89	-41.62	-34.86	0.14	16.80	336.37	-164.32	216.69	-44.64	-213.54
		1909	8.12	9.30	-39.78	-31.86	1.38	18.05	280.86	-168.41	200.62	-88.18	-172.08
		1910	10.11	4.87	-36.22	-31.07	-0.27	13.60	467.05	-135.84	432.54	-101.32	-140.07
1501	71	1925	10.03	0.38	-36.01	-32.44	-3.19	10.82	470.64	-133.76	404.54	-67.67	-188.62
		1874	8.57	6.77	-37.80	-31.06	0.03	15.96	330.82	-164.32	211.76	-45.26	-211.60
		1909	7.88	8.89	-36.62	-28.85	1.11	17.13	275.41	-168.51	195.74	-88.85	-170.35
		1910	9.87	4.78	-33.22	-28.10	-0.33	12.98	461.56	-135.82	427.63	-101.88	-138.27
1502	7	1863	11.24	5.45	-9.48	-7.99	3.97	4.47	713.82	-22.91	685.74	5.17	141.06
		1923	16.56	-6.11	-11.90	-9.14	-8.87	2.90	865.73	-372.90	725.47	-232.64	392.49
		1921	20.41	-0.17	-36.18	-19.49	-16.87	-17.96	1186.34	-222.90	1177.76	-214.32	109.62
		1862	17.22	13.28	-22.55	-18.01	8.75	-11.91	1106.34	66.40	1105.78	66.96	-24.10
1502	36	1863	9.86	1.89	-4.94	1.83	-4.88	-0.63	640.96	-8.45	619.54	12.97	115.97
		1923	15.32	5.75	1.88	4.06	3.57	1.92	792.08	-346.24	663.96	-218.12	359.76

		1921	18.67	12.51	-7.59	7.89	-2.97	-8.45	1099.63	-209.48	1093.77	-203.62	87.39
		1862	15.23	10.14	-6.24	4.47	-0.57	-7.79	1019.17	49.59	1017.33	51.43	-42.24
1502	68	1863	9.82	1.95	-5.43	1.84	-5.31	-0.92	638.27	-7.05	616.83	14.39	115.65
		1923	15.26	5.70	2.21	4.16	3.75	1.74	789.65	-344.28	661.44	-216.07	359.09
		1921	18.62	12.79	-7.20	8.36	-2.77	-8.31	1096.19	-207.68	1090.33	-201.82	87.21
		1862	15.21	10.19	-6.49	4.80	-1.10	-7.80	1015.54	49.27	1013.68	51.13	-42.32
1503	7	1901	23.82	5.83	-68.64	-57.86	-4.94	26.20	1545.67	46.93	1303.70	288.90	551.46
		1900	23.84	-10.80	-70.34	-68.36	-12.78	10.67	1382.06	-152.19	1135.01	94.85	563.91
		1902	21.36	-9.07	-89.42	-86.70	-11.80	14.55	1199.32	-53.75	1063.46	82.11	389.59
		1929	24.15	-1.35	-96.43	-91.96	-5.82	20.12	1469.93	106.49	1267.90	308.52	484.40
1503	39	1901	22.18	9.63	-26.87	-14.95	-2.29	17.12	1467.21	38.35	1236.07	269.49	526.15
		1900	21.48	-5.72	-25.04	-24.37	-6.39	3.53	1311.18	-148.90	1067.62	94.66	544.33
		1902	18.46	-2.51	-39.04	-36.81	-4.74	8.75	1133.32	-49.31	999.77	84.24	374.30
		1929	21.47	-0.29	-44.59	-41.99	-2.88	10.40	1396.38	90.22	1204.31	282.28	462.58
1503	71	1901	22.16	10.23	-24.00	-11.69	-2.09	16.43	1461.23	37.67	1230.90	267.99	524.24
		1900	21.31	-5.35	-21.60	-21.03	-5.92	2.99	1305.79	-148.65	1062.48	94.65	542.84
		1902	18.25	-1.99	-35.24	-33.01	-4.22	8.32	1128.30	-48.97	994.92	84.41	373.14
		1929	21.27	-0.20	-40.64	-38.18	-2.66	9.66	1390.77	88.95	1199.45	280.28	460.94
1504	3	1872	45.49	-35.02	-102.56	-97.82	-39.77	17.27	2687.81	-193.27	2671.35	-176.81	217.14
		1886	22.07	-8.52	-107.76	-107.41	-8.86	-5.86	1156.30	-22.40	1071.90	62.00	-303.90
		1917	24.55	30.58	-66.75	-57.05	20.89	29.15	1329.33	-99.23	1321.40	-91.31	-106.13
		1900	22.24	-37.76	-88.81	-88.49	-38.08	-4.04	1095.99	-293.72	1075.84	-273.58	166.11
1504	35	1872	40.39	8.27	-29.73	-16.24	-5.21	18.18	2570.28	-173.60	2552.50	-155.82	220.16
		1886	16.75	-8.95	-32.35	-31.77	-9.53	-3.64	1030.07	-27.91	946.91	55.25	-284.72
		1917	21.15	25.18	-25.02	-15.02	15.17	20.05	1259.82	-101.47	1253.16	-94.81	-94.97
		1900	19.37	-14.23	-41.30	-40.40	-15.14	-4.86	1029.77	-268.49	1011.31	-250.04	153.69
1504	67	1872	40.01	12.26	-25.00	-10.10	-2.63	18.25	2561.33	-172.10	2543.44	-154.21	220.38
		1886	16.36	-8.88	-26.78	-26.07	-9.58	-3.48	1020.45	-28.34	937.37	54.73	-283.25
		1917	20.89	24.94	-22.02	-11.82	14.74	19.36	1254.54	-101.64	1247.98	-95.08	-94.11
		1900	19.16	-12.42	-37.75	-36.75	-13.42	-4.93	1024.76	-266.56	1006.42	-248.23	152.77
1505	27	1875	9.09	-3.84	-67.21	-67.21	-3.84	-0.10	126.80	-378.16	-255.51	4.15	-216.54
		1871	10.13	-0.08	-68.84	-67.95	-0.98	7.79	106.64	-460.24	-361.93	8.32	-214.63
		1906	8.62	6.67	-49.91	-47.96	4.72	10.32	77.35	-432.76	-341.32	-14.09	-195.66
		1907	7.68	0.46	-48.74	-48.68	0.40	1.74	77.58	-362.52	-251.99	-32.94	-190.86
1505	40	1875	7.08	5.11	-33.86	-23.20	-5.55	17.37	167.87	-268.15	-89.23	-11.04	-214.47
		1871	7.62	9.62	-39.11	-24.16	-5.33	22.48	129.70	-331.14	-195.46	-5.98	-210.04
		1906	7.24	16.16	-34.12	-14.84	-3.13	24.45	104.05	-300.09	-167.18	-28.87	-189.87
		1907	6.50	9.38	-28.94	-15.61	-3.96	18.25	125.93	-252.44	-78.04	-48.47	-188.61
1505	72	1875	6.98	5.28	-31.04	-20.46	-5.30	16.50	167.87	-264.94	-85.61	-11.46	-213.20
		1871	7.51	9.46	-36.07	-21.44	-5.17	21.26	129.33	-327.94	-191.91	-6.70	-209.04
		1906	7.11	15.44	-31.70	-13.08	-3.18	23.05	103.68	-297.76	-164.22	-29.86	-189.14
		1907	6.39	9.16	-26.91	-13.83	-3.91	17.34	125.97	-249.98	-75.00	-49.01	-187.52
1506	7	1921	22.00	-1.57	-53.32	-45.20	-9.69	18.82	1257.41	-311.08	827.52	118.81	699.62
		1872	33.66	7.55	-35.28	-27.21	-0.53	16.76	1878.77	-583.32	1427.53	-132.08	952.56
		1900	25.35	-29.45	-79.83	-79.24	-30.04	-5.40	1391.13	-175.67	1265.27	-49.82	425.85
		1901	24.95	-23.97	-63.40	-61.23	-26.15	9.01	1579.55	79.15	1405.69	253.01	480.25
1506	39	1921	20.70	-1.26	-19.95	-13.44	-7.77	8.91	1176.33	-303.14	763.46	109.72	663.60
		1872	32.74	19.83	-3.25	5.01	11.57	11.07	1801.49	-561.39	1367.79	-127.69	914.70
		1900	22.21	-10.35	-31.67	-30.86	-11.16	-4.08	1312.28	-154.81	1196.52	-39.05	395.52
		1901	22.22	-14.64	-22.36	-16.94	-20.06	3.53	1496.66	68.36	1333.63	231.40	454.18
1506	71	1921	20.61	-1.01	-17.66	-11.04	-7.63	8.15	1170.15	-302.56	758.57	109.02	660.86
		1872	32.67	20.88	-0.98	7.43	12.47	10.64	1795.60	-559.71	1363.23	-127.34	911.82
		1900	21.98	-8.88	-28.05	-27.19	-9.75	-3.98	1306.27	-153.21	1191.27	-38.21	393.21
		1901	22.01	-12.26	-20.93	-13.58	-19.61	3.11	1490.34	67.59	1328.13	229.80	452.19
1507	3	1914	10.93	-2.79	-124.53	-122.74	-4.59	14.67	182.73	-395.80	-218.77	5.70	-266.60
		1913	11.85	2.48	-133.05	-125.98	-4.59	30.13	141.20	-460.75	-330.04	10.49	-248.19
		1871	9.99	10.97	-102.51	-92.34	0.80	32.41	121.73	-459.04	-320.08	-17.22	-247.78
		1875	9.11	4.81	-92.26	-89.31	1.85	16.67	150.81	-386.20	-214.08	-21.31	-250.61
1507	40	1914	7.22	1.77	-37.30	-32.75	-2.78	12.54	204.50	-271.61	-69.30	2.18	-235.36
		1913	7.46	5.67	-45.56	-36.75	-3.14	19.33	147.96	-328.43	-181.08	0.60	-220.19
		1871	7.72	10.96	-38.56	-25.51	-2.10	21.82	130.66	-335.04	-176.58	-27.80	-220.65
		1875	7.05	6.29	-31.24	-23.65	-1.30	15.07	171.36	-271.32	-70.56	-29.41	-220.38
1507	72	1914	7.11	1.95	-33.49	-28.91	-2.63	11.89	204.61	-267.64	-65.33	2.30	-233.69
		1913	7.34	5.62	-41.58	-32.96	-3.00	18.24	147.64	-324.50	-177.16	0.31	-218.76
		1871	7.61	10.68	-35.58	-22.74	-2.16	20.72	130.33	-331.58	-173.09	-28.15	-219.29
		1875	6.95	6.29	-28.59	-20.93	-1.37	14.44	171.26	-267.94	-67.05	-29.63	-218.80
1508	27	1927	29.87	29.91	-12.20	-4.84	22.55	-16.00	1829.47	-193.80	-142.63	1778.31	317.65
		1879	33.34	77.71	-3.89	-3.88	77.71	0.75	1968.71	-11.85	92.05	1864.81	441.56
		1880	20.97	64.09	-0.63	-0.62	64.09	-0.40	1205.41	-37.60	138.60	1029.22	433.55
		1919	26.01	24.32	-5.66	-1.07	19.73	-10.79	1575.53	-268.80	147.82	1158.91	771.24
1508	59	1927	29.03	27.23	-6.36	-1.93	22.79	-11.37	1772.05	-189.74	-147.12	1729.43	285.99
		1879	31.60	68.92	-2.15	-1.97	68.73	3.62	1879.49	-6.55	86.95	1785.99	409.39
		1880	19.26	55.36	-0.33	-0.29	55.32	1.56	1108.79	-38.84	120.46	949.48	396.79
		1919	24.63	17.59	-4.34	-0.75	13.99	-8.12	1481.96	-269.73	128.23	1084.00	733.98
1508	91	1927	28.96	27.04	-5.94	-1.71	22.81	-11.03	1767.71	-189.44	-147.43	1725.71	283.62
		1879	31.47	68.27	-2.03	-1.82	68.06	3.83	1872.60	-6.14	86.59	1779.87	406.95
		1880	19.13	54.71	-0.32	-0.26	54.66	1.70	1101.33	-38.95	119.09	943.29	394.00

		1919	24.52	17.09	-4.25	-0.72	13.56	-7.92	1474.76	-269.83	126.75	1078.17	731.16
1509	3	1913	13.08	-3.99	-135.75	-135.34	-4.39	7.30	109.26	-499.14	-343.12	-46.77	-265.67
		1911	13.02	-5.96	-145.98	-141.28	-10.66	25.22	83.56	-512.79	-387.99	-41.24	-242.58
		1930	10.56	1.77	-102.33	-95.66	-4.90	25.49	87.69	-501.06	-355.48	-57.90	-254.00
		1871	10.91	3.28	-95.33	-94.50	2.46	8.98	98.04	-484.51	-318.05	-68.42	-263.18
1509	35	1913	8.10	-1.51	-61.36	-60.47	-2.39	7.21	124.11	-379.97	-215.48	-40.39	-236.35
		1911	7.99	-1.37	-69.70	-65.48	-5.59	16.46	90.54	-397.26	-260.85	-45.86	-218.93
		1930	7.66	3.30	-49.09	-42.41	-3.38	17.47	96.50	-401.22	-241.94	-62.78	-232.18
		1871	7.12	2.36	-43.58	-41.64	0.41	9.25	111.58	-379.99	-203.75	-64.66	-235.74
1509	72	1913	6.89	0.81	-42.43	-39.34	-2.29	11.15	130.99	-341.02	-168.95	-41.07	-227.18
		1911	7.15	2.60	-51.79	-44.17	-5.02	18.88	94.85	-357.23	-214.23	-48.15	-210.23
		1930	7.66	8.08	-37.94	-26.44	-3.42	19.92	102.05	-363.91	-196.82	-65.04	-223.47
		1871	7.11	5.43	-31.35	-25.72	-0.20	13.24	119.26	-343.41	-158.70	-65.45	-226.59
1510	2	1916	13.60	146.54	-0.41	146.49	-0.36	-2.82	411.63	-79.80	359.45	-27.62	-151.40
		1914	10.74	142.26	-0.37	141.04	0.85	-13.14	235.04	-118.16	145.47	-28.59	-153.67
		1875	9.44	111.10	-6.38	110.18	-5.46	-10.36	211.24	-137.03	137.28	-63.07	-142.43
		1874	11.24	109.75	-7.57	109.73	-7.55	1.69	351.43	-94.45	310.09	-53.11	-129.33
1510	39	1916	8.73	1.20	-45.76	-44.26	-0.30	8.25	348.85	-179.66	187.25	-18.06	-243.50
		1914	7.88	2.80	-51.68	-47.77	-1.11	14.07	228.19	-263.87	-24.91	-10.77	-245.93
		1875	7.65	6.44	-45.85	-39.94	0.53	16.55	190.16	-269.05	-33.49	-45.40	-229.53
		1874	7.83	4.29	-39.29	-37.10	2.09	9.53	276.25	-196.51	137.06	-57.32	-215.47
1510	71	1916	8.52	1.26	-40.70	-39.14	-0.30	7.96	347.87	-176.93	189.26	-18.32	-241.00
		1914	7.71	2.85	-46.60	-42.70	-1.06	13.34	226.39	-260.60	-22.95	-11.26	-243.43
		1875	7.49	6.31	-41.84	-35.90	0.37	15.83	188.58	-265.98	-31.52	-45.88	-227.17
		1874	7.66	4.16	-35.47	-33.15	1.84	9.31	275.59	-193.71	139.10	-57.21	-213.14
1511	3	1886	22.46	-9.18	-106.24	-106.01	-9.42	4.80	1145.91	-41.97	1099.00	4.94	-231.35
		1887	15.45	0.30	-112.03	-110.57	-1.16	12.72	654.88	-39.34	577.78	37.77	-218.14
		1870	17.08	13.17	-92.41	-86.08	6.84	25.07	748.43	-114.29	642.57	-8.42	-283.07
		1917	22.25	1.71	-86.28	-84.02	-0.55	13.92	1120.00	-136.49	1070.40	-86.90	-244.65
1511	35	1886	17.83	-3.52	-30.67	-30.50	-3.69	2.15	1079.61	-28.42	1040.99	10.20	-203.23
		1887	10.85	-0.11	-37.36	-36.53	-0.94	5.48	587.05	-33.34	519.09	34.62	-193.76
		1870	13.22	8.69	-36.60	-31.33	3.41	14.53	678.92	-114.60	579.31	-14.99	-262.91
		1917	18.46	3.09	-31.80	-29.06	0.34	9.39	1050.96	-127.87	1007.98	-84.90	-220.93
1511	67	1886	17.48	-3.09	-24.96	-24.79	-3.26	1.94	1074.72	-27.39	1036.73	10.60	-201.07
		1887	10.50	-0.13	-31.72	-30.93	-0.92	4.92	582.01	-32.86	514.77	34.38	-191.90
		1870	12.93	8.44	-32.47	-27.18	3.15	13.73	673.71	-114.60	574.59	-15.49	-261.36
		1917	18.17	3.31	-27.79	-24.89	0.41	9.05	1045.80	-127.21	1003.33	-84.75	-219.11
1512	31	1865	12.71	11.03	-20.75	8.86	-18.58	-8.02	660.91	-162.28	-115.03	613.67	191.46
		1922	14.65	7.54	-22.91	3.65	-19.02	-10.16	743.05	-236.66	-143.69	650.08	287.13
		1877	14.44	16.54	-36.36	5.24	-25.06	-21.68	671.01	-224.40	-44.93	491.54	358.45
		1864	10.45	17.02	-26.85	9.93	-19.77	-16.14	542.70	-64.65	109.00	369.05	274.43
1512	63	1865	11.53	5.63	-17.38	4.94	-16.69	-3.92	616.29	-144.83	-104.67	576.14	170.14
		1922	13.02	7.45	-9.20	2.89	-4.64	-7.43	695.91	-217.38	-132.92	611.45	264.58
		1877	12.39	11.45	-16.26	3.22	-8.03	-12.67	618.73	-212.74	-46.02	452.01	332.91
		1864	8.87	7.54	-18.67	5.15	-16.28	-7.55	494.53	-53.73	109.92	330.88	250.88
1512	95	1865	11.44	5.25	-17.16	4.64	-16.55	-3.62	612.94	-143.52	-103.89	573.30	168.55
		1922	12.90	7.53	-8.27	2.84	-3.58	-7.22	692.34	-215.94	-132.11	608.52	262.89
		1877	12.23	11.12	-14.82	3.07	-6.77	-12.00	614.78	-211.87	-46.09	449.01	330.99
		1864	8.76	6.88	-18.11	4.79	-16.03	-6.91	490.91	-52.93	109.99	327.99	249.12
1513	3	1928	13.39	-29.08	-128.80	-117.99	-39.88	30.99	-137.98	-608.38	-601.46	-144.90	-56.63
		1876	12.90	-69.79	-173.49	-130.89	-112.40	51.02	-188.55	-428.14	-398.82	-217.87	78.53
		1873	8.02	-52.32	-104.95	-71.48	-85.79	25.32	-123.90	-400.38	-339.66	-184.62	-114.46
		1931	7.35	-25.57	-65.70	-60.08	-31.19	13.93	-29.80	-387.23	-333.54	-83.49	-127.70
1513	35	1928	8.80	-10.57	-62.12	-52.84	-19.86	19.81	-83.21	-502.16	-474.70	-110.67	-103.67
		1876	6.86	-28.76	-85.99	-58.19	-56.56	28.61	-132.61	-266.05	-260.67	-137.99	26.24
		1873	5.58	-18.67	-52.32	-29.84	-41.15	15.85	-8.49	-322.56	-216.75	-114.30	-148.45
		1931	5.47	-9.03	-32.38	-24.55	-16.87	11.02	41.90	-314.76	-220.18	-52.68	-157.44
1513	67	1928	8.47	-9.06	-57.13	-47.87	-18.32	18.96	-78.27	-494.85	-465.09	-108.03	-107.30
		1876	6.40	-25.59	-79.36	-52.66	-52.30	26.88	-127.81	-254.22	-250.18	-131.84	22.22
		1873	5.57	-16.11	-48.31	-26.67	-37.75	15.12	0.75	-317.04	-207.41	-108.89	-151.06
		1931	5.50	-7.58	-30.03	-21.85	-15.76	10.80	48.00	-309.87	-211.56	-50.31	-159.74
1514	7	1917	21.58	-15.11	-93.08	-87.69	-20.50	19.77	1094.71	-122.98	1063.72	-91.99	-191.79
		1870	16.39	4.54	-93.99	-87.28	-2.18	24.84	717.21	-104.13	625.73	-12.65	-258.40
		1912	16.37	20.34	-85.76	-69.63	4.22	38.09	721.41	-112.56	691.57	-82.71	-154.91
		1915	18.41	-8.19	-83.33	-75.24	-16.28	23.29	922.56	-117.95	916.83	-112.22	-76.99
1514	39	1917	17.91	-2.42	-36.20	-31.07	-7.55	12.12	1027.87	-111.37	1001.61	-85.12	-170.94
		1870	12.53	3.81	-37.34	-31.92	-1.62	13.92	646.28	-104.58	562.54	-20.84	-236.36
		1912	12.97	12.56	-40.22	-29.69	2.03	21.09	659.43	-115.47	634.26	-90.29	-137.39
		1915	15.44	-2.41	-38.22	-33.17	-7.46	12.47	864.61	-109.22	860.71	-105.32	-61.50
1514	71	1917	17.63	-1.35	-32.01	-26.78	-6.59	11.54	1022.89	-110.48	997.00	-84.59	-169.34
		1870	12.24	3.85	-33.14	-27.72	-1.58	13.09	640.97	-104.60	557.84	-21.46	-234.67
		1912	12.71	12.00	-36.78	-26.65	1.87	19.79	654.82	-115.70	630.00	-90.88	-136.05
		1915	15.22	-1.96	-34.80	-29.97	-6.80	11.63	860.32	-108.56	856.55	-104.79	-60.32
1515	19	1926	7.46	2.68	-65.08	-33.47	-28.93	-33.80	466.72	260.38	442.21	284.90	-66.77
		1779	8.92	-1.64	-75.18	-42.00	-34.82	-36.59	233.94	-217.73	152.96	-136.75	173.26
		56	12.24	-0.47	-65.72	-34.03	-32.17	-32.61	747.67	194.12	733.34	208.45	87.90
1515	34	1926	6.87	51.16	12.48	35.58	28.05	18.97	468.34	160.89	369.03	260.20	-143.77

		1779	5.18	40.97	8.24	27.05	22.16	16.18	113.49	-195.14	79.79	-161.44	96.26
		56	10.46	50.71	9.13	35.02	24.82	20.16	660.41	183.51	660.16	183.75	10.90
1515	66	1926	6.80	47.82	12.29	33.63	26.47	17.40	465.10	162.76	368.73	259.13	-140.89
		1779	5.12	37.62	8.06	25.10	20.58	14.61	114.92	-197.94	79.49	-162.51	99.14
		56	10.37	47.38	8.93	33.07	23.24	18.59	660.26	182.29	659.87	182.68	13.78
1516	7	1892	22.77	-9.64	-266.96	-91.64	-184.96	119.90	-47.98	-672.91	-186.42	-534.47	259.51
		1799	23.60	-10.45	-296.44	-98.12	-208.77	131.85	-78.76	-679.28	-134.73	-623.30	174.59
		1928	17.56	-6.17	-238.31	-67.42	-177.06	102.31	-128.36	-449.91	-254.92	-323.35	157.09
1516	39	1892	13.38	-4.95	-138.78	-49.03	-94.70	62.90	-34.86	-454.06	-177.62	-311.30	198.65
		1799	14.05	-5.80	-168.22	-55.51	-118.51	74.85	-84.90	-441.16	-125.93	-400.13	113.73
		1928	8.42	-0.91	-110.71	-24.81	-86.81	45.31	-52.38	-293.92	-246.12	-100.18	96.23
1516	71	1892	12.68	-4.59	-129.01	-45.79	-87.80	58.55	-32.89	-438.32	-176.92	-294.28	194.04
		1799	13.32	-5.44	-158.44	-52.27	-111.61	70.51	-85.27	-423.08	-125.24	-383.11	109.11
		1928	7.77	-0.45	-101.03	-21.57	-79.91	40.96	-41.91	-286.67	-245.43	-83.15	91.62
1517	3	1928	10.64	-19.47	-186.79	-185.54	-20.72	14.41	-58.72	-244.73	-166.86	-136.58	-91.76
		1799	15.78	-42.41	-224.47	-224.01	-42.87	9.19	-66.99	-427.80	-397.57	-97.23	-99.97
		1876	12.45	-22.11	-185.53	-184.02	-23.63	15.66	-96.64	-400.84	-303.50	-193.98	-141.90
1517	35	1928	5.46	-2.87	-90.35	-89.12	-4.10	10.32	-29.90	-179.86	-62.12	-147.64	-61.59
		1799	9.74	-26.00	-127.84	-127.58	-26.25	5.10	-84.86	-316.25	-292.83	-108.29	-69.80
		1876	6.66	-5.38	-89.22	-87.59	-7.00	11.57	-90.12	-313.67	-198.76	-205.04	-111.73
1517	67	1928	5.26	-1.61	-83.00	-81.75	-2.85	9.99	-25.50	-177.11	-54.13	-148.48	-59.33
		1799	9.28	-24.77	-120.46	-120.22	-25.01	4.77	-86.16	-307.79	-284.83	-109.12	-67.54
		1876	6.24	-4.10	-81.89	-80.23	-5.76	11.24	-88.58	-308.05	-190.76	-205.88	-109.47
1518	4	1876	7.10	-76.18	-103.87	-99.59	-80.46	10.01	-105.57	-233.73	-108.13	-231.17	-17.92
		1799	8.02	-95.64	-122.85	-121.35	-97.14	6.21	52.36	-216.88	-210.83	46.31	-39.90
		1837	8.33	-85.21	-108.59	-103.41	-90.38	9.71	-69.88	-281.42	-269.92	-81.38	47.97
1518	35	1876	4.94	-38.16	-50.71	-50.39	-38.48	-1.98	-62.26	-243.97	-69.78	-236.46	-36.18
		1799	5.81	-53.39	-73.93	-72.15	-55.17	-5.78	55.84	-187.30	-172.48	41.02	-58.16
		1837	5.42	-47.62	-55.00	-54.22	-48.41	-2.28	-80.82	-237.42	-231.57	-86.67	29.71
1518	67	1876	4.77	-34.88	-46.84	-46.59	-35.13	-1.71	-60.03	-243.60	-67.50	-236.13	-36.28
		1799	5.63	-50.14	-70.02	-68.35	-51.81	-5.51	56.34	-185.19	-170.20	41.35	-58.26
		1837	5.23	-44.38	-51.09	-50.42	-45.05	-2.02	-80.45	-235.18	-229.29	-86.34	29.61
1519	2	1876	5.73	103.91	60.56	80.48	84.00	-21.60	-5.33	-198.16	-72.77	-130.72	-91.96
		1837	8.08	112.90	54.27	74.80	92.37	-27.96	-57.75	-245.17	-90.26	-212.67	70.96
		1838	10.01	123.90	58.25	82.64	99.50	-31.73	5.65	-342.74	-37.91	-299.18	115.23
1519	34	1876	3.64	43.03	27.93	37.15	33.82	-7.36	-13.17	-186.17	-95.81	-103.53	-86.42
		1837	5.36	51.56	22.09	31.47	42.18	-13.73	-64.80	-233.98	-113.29	-185.48	76.50
		1838	7.34	62.50	26.13	39.31	49.32	-17.49	-6.09	-326.85	-60.95	-271.99	120.78
1519	66	1876	3.52	38.48	25.36	33.84	30.00	-6.27	-13.51	-185.47	-97.51	-101.46	-85.95
		1837	5.15	46.89	19.64	28.16	38.36	-12.63	-64.98	-233.43	-115.00	-183.42	76.96
		1838	7.14	57.82	23.68	36.01	45.49	-16.39	-6.79	-325.79	-62.65	-269.93	121.24
1520	3	1876	5.20	-38.00	-67.97	-66.47	-39.50	-6.54	-109.95	-179.91	-148.80	-141.05	-34.76
		1838	5.93	-36.28	-88.17	-79.19	-45.26	-19.64	-115.29	-257.35	-133.26	-239.39	47.22
		1868	5.56	-31.94	-67.91	-65.63	-34.22	-8.77	-167.65	-230.63	-167.66	-230.62	-0.74
1520	35	1876	3.30	-19.57	-28.83	-28.83	-19.57	0.16	-68.84	-170.95	-117.63	-122.15	-51.01
		1838	4.19	-18.17	-48.70	-41.55	-25.33	-12.93	-94.47	-228.10	-102.09	-220.49	30.97
		1868	3.74	-13.98	-28.30	-27.99	-14.29	-2.07	-132.83	-215.38	-136.49	-211.72	-16.99
1520	67	1876	3.16	-18.00	-26.02	-25.96	-18.06	0.67	-65.66	-170.33	-115.28	-120.71	-52.26
		1838	4.07	-16.77	-45.73	-38.68	-23.82	-12.43	-92.74	-226.03	-99.73	-219.04	29.72
		1868	3.61	-12.58	-25.32	-25.13	-12.78	-1.56	-129.99	-214.42	-134.13	-210.28	-18.24
1521	3	1868	5.08	-30.86	-77.66	-37.32	-71.20	16.15	-21.69	-213.34	-89.45	-145.59	-91.62
		1838	8.77	-31.90	-64.64	-35.96	-60.57	10.79	-47.00	-450.55	-249.95	-247.60	201.77
		1780	7.77	-30.13	-61.41	-32.79	-58.76	8.72	-39.92	-377.62	-143.44	-274.09	155.70
1521	38	1868	3.09	24.70	14.47	17.11	22.06	-4.47	58.33	-155.67	-9.23	-88.11	-99.47
		1838	7.16	37.71	13.45	18.46	32.69	-9.83	14.26	-374.12	-169.73	-190.12	193.92
		1780	6.52	41.60	14.54	21.64	34.51	-11.90	26.64	-306.48	-63.23	-216.61	147.86
1521	70	1868	3.04	21.97	13.21	15.64	19.54	-3.91	56.02	-157.46	-11.73	-89.70	-99.36
		1838	7.08	34.95	12.21	16.99	30.17	-9.27	12.30	-376.25	-172.23	-191.72	194.03
		1780	6.43	38.86	13.29	20.17	31.99	-11.34	24.48	-308.42	-65.73	-218.21	147.96
1522	2	1918	9.24	95.43	15.67	16.96	94.14	-10.06	394.81	-62.02	351.55	-18.76	133.76
		1868	7.40	89.80	14.95	15.82	88.93	-8.01	176.77	-124.28	154.97	-102.47	78.03
		1926	9.91	96.59	17.91	20.36	94.13	-13.69	486.34	-22.29	428.26	35.78	161.76
1522	34	1918	6.71	52.07	7.96	8.55	51.48	-5.07	314.80	-63.85	273.77	-22.83	117.68
		1868	4.74	46.51	7.18	7.41	46.27	-3.02	96.14	-125.48	77.20	-106.54	61.95
		1926	7.52	53.30	10.13	11.96	51.47	-8.70	407.04	-24.83	350.49	31.72	145.69
1522	66	1918	6.52	48.78	7.38	7.91	48.24	-4.69	308.69	-64.02	267.82	-23.15	116.46
		1868	4.54	43.23	6.58	6.77	43.04	-2.64	89.98	-125.60	71.24	-106.86	60.73
		1926	7.34	50.02	9.53	11.32	48.24	-8.31	401.00	-25.07	344.53	31.39	144.46
1523	3	1868	6.38	-16.23	-79.74	-29.58	-66.40	-25.88	144.84	-168.37	142.87	-166.40	24.79
		1780	8.91	0.41	-69.29	-23.86	-45.03	-33.20	-56.77	-486.86	-358.44	-185.19	196.83
		1779	5.92	5.29	2.20	5.25	2.24	-0.35	254.88	-198.49	36.53	19.85	226.53
		1926	4.83	-1.58	-69.14	-8.68	-62.03	-20.73	248.89	54.56	243.36	60.09	32.33
1523	39	1868	5.12	-8.61	-33.85	-13.90	-28.56	-10.28	165.96	-167.30	165.75	-167.10	8.35
		1780	7.60	4.11	-37.46	-10.41	-22.95	-19.81	-76.89	-467.50	-340.01	-204.37	183.15
		1779	5.56	5.45	1.59	5.37	1.67	-0.56	242.33	-183.64	63.83	-5.14	210.17
		1926	4.12	4.65	-25.67	0.75	-21.77	-10.15	265.02	62.47	264.38	63.11	11.38
1523	71	1868	5.05	-8.05	-30.43	-12.72	-25.76	-9.10	168.85	-167.25	168.69	-167.09	7.41

		1780	7.51	4.35	-35.12	-9.40	-21.37	-18.80	-77.57	-465.47	-337.32	-205.72	182.45
		1779	5.54	5.45	1.44	5.36	1.53	-0.59	241.52	-182.62	65.91	-7.02	208.91
		1926	4.12	5.11	-22.45	1.45	-18.78	-9.36	268.21	62.95	267.70	63.46	10.25
1524	27	52	93.05	4.25	-19.43	-8.02	-7.16	11.83	4720.81	-2210.88	2159.20	350.73	-3345.81
		1805	93.52	-42.13	-73.98	-44.99	-71.12	9.10	5835.26	-436.93	-89.96	5488.29	-1433.82
		1869	32.31	17.71	-17.12	16.81	-16.22	5.53	1708.99	-631.29	208.38	869.32	-1122.51
		1867	23.20	-14.83	-31.77	-19.45	-27.15	7.54	641.27	-1116.29	-1079.83	604.81	250.48
1524	59	52	92.00	12.68	-18.54	-8.32	2.45	14.65	4692.66	-2127.16	2147.89	417.61	-3298.34
		1805	90.67	-39.18	-69.21	-45.26	-63.13	12.07	5664.39	-435.55	-138.93	5367.77	-1312.02
		1869	32.15	13.99	-11.36	12.45	-9.82	6.05	1656.08	-698.41	176.81	780.86	-1137.84
		1867	23.17	-11.88	-29.73	-23.05	-18.55	8.64	657.77	-1067.93	-1041.69	631.53	211.18
1524	91	52	91.93	13.35	-18.52	-8.34	3.16	14.86	4690.57	-2120.91	2147.01	422.65	-3294.80
		1805	90.45	-38.89	-68.93	-45.28	-62.54	12.29	5651.31	-435.64	-142.74	5358.41	-1302.73
		1869	32.14	13.73	-10.96	12.13	-9.35	6.09	1651.93	-703.50	174.42	774.02	-1138.92
		1867	23.17	-11.49	-29.75	-23.32	-17.92	8.72	659.22	-1064.27	-1038.73	633.68	208.24
1525	27	1805	64.15	-19.57	-85.73	-55.26	-50.03	-32.98	4168.62	80.86	244.40	4005.08	801.11
		1809	57.89	57.70	-16.81	-16.62	57.51	-3.74	3443.92	-433.88	-82.49	3092.52	1113.17
		1927	26.96	32.69	-14.35	-8.55	26.89	-15.47	1821.79	201.47	275.09	1748.17	337.44
		1869	45.92	16.06	-21.99	12.04	-17.97	-11.70	2318.09	-1016.62	-961.37	2262.84	425.67
1525	59	1805	62.00	-21.93	-76.54	-51.66	-46.80	-27.20	4037.15	64.57	210.34	3891.38	746.88
		1809	55.56	48.95	-14.87	-14.81	48.88	2.04	3305.07	-422.15	-92.83	2975.74	1057.84
		1927	24.64	27.08	-12.48	-5.80	20.40	-14.83	1697.50	211.96	295.89	1613.57	342.98
		1869	44.56	19.93	-16.56	16.69	-13.31	-10.39	2207.79	-1041.42	-978.17	2144.55	448.87
1525	91	1805	61.84	-22.10	-75.86	-51.40	-46.56	-26.77	4027.14	63.31	207.77	3882.68	742.79
		1809	55.38	48.33	-14.77	-14.68	48.24	2.46	3294.44	-421.25	-93.58	2966.77	1053.64
		1927	24.46	26.68	-12.36	-5.59	19.91	-14.78	1687.96	212.73	297.49	1603.20	343.31
		1869	44.46	20.23	-16.16	17.03	-12.97	-10.30	2199.33	-1043.32	-979.45	2135.47	450.56
1526	27	1809	57.44	28.99	-27.26	-20.21	21.95	-18.62	3552.07	-357.87	-293.77	3487.97	496.52
		1804	53.03	139.67	-0.27	0.93	138.47	-12.91	3048.75	-74.53	-56.74	3030.96	235.05
		1879	38.20	93.66	0.29	0.37	93.58	-2.72	2220.80	-50.49	-6.93	2177.23	311.53
		1927	32.25	41.84	1.21	4.96	38.09	-11.76	2115.54	150.67	178.96	2087.25	234.08
1526	59	1809	55.07	21.28	-23.55	-18.53	16.26	-14.14	3412.88	-351.35	-291.72	3353.25	470.02
		1804	50.33	124.41	9.20e-03	0.58	123.83	-8.43	2916.46	-68.80	-53.72	2901.38	211.64
		1879	35.69	79.23	-0.62	-0.40	79.01	-4.20	2097.98	-56.42	-17.31	2058.87	287.61
		1927	30.70	37.50	0.60	5.98	32.11	-13.02	2029.59	143.00	166.68	2005.92	210.00
1526	91	1809	54.88	20.71	-23.28	-18.41	15.83	-13.81	3402.23	-350.85	-291.54	3342.93	468.03
		1804	50.13	123.27	0.02	0.56	122.74	-8.10	2906.30	-68.35	-53.47	2891.42	209.89
		1879	35.50	78.15	-0.70	-0.46	77.92	-4.31	2088.37	-56.91	-18.13	2049.59	285.81
		1927	30.58	37.19	0.53	6.06	31.67	-13.12	2022.96	142.41	165.75	1999.63	208.20
1527	8	1705	43.35	38.49	-9.59	0.04	28.86	19.25	1938.93	-1280.40	893.83	-235.31	1507.41
		1676	19.47	47.33	-77.19	-76.32	46.47	10.35	418.47	-847.21	-341.82	-86.92	619.87
		67	59.97	89.71	30.96	32.16	88.52	8.30	1358.30	-2988.23	912.42	-2542.35	1318.80
		1702	38.22	58.40	-36.50	-23.22	45.13	32.92	2142.62	-556.61	1975.14	-389.13	651.16
1527	40	1705	43.16	40.27	-5.27	4.08	30.92	18.39	1952.60	-1248.40	891.33	-187.13	1506.93
		1676	19.06	28.49	-74.47	-72.97	26.98	12.37	444.78	-793.46	-340.73	-7.96	596.34
		67	57.30	69.32	44.01	47.13	66.20	8.32	1239.95	-2981.18	795.78	-2537.01	1295.24
		1702	36.94	60.86	-18.73	-7.76	49.89	27.44	2029.80	-629.79	1859.01	-459.00	651.96
1527	72	1705	43.15	40.41	-4.93	4.40	31.09	18.32	1953.61	-1246.02	891.13	-183.54	1506.87
		1676	19.03	27.12	-74.27	-72.70	25.54	12.53	446.82	-789.54	-340.65	-2.08	594.55
		67	57.10	68.06	44.78	48.30	64.55	8.33	1231.10	-2980.63	787.05	-2536.58	1293.46
		1702	36.85	61.07	-17.36	-6.55	50.26	27.03	2021.36	-635.24	1850.33	-464.20	652.01
1528	27	1704	34.29	51.70	-64.95	-55.44	42.18	31.93	2094.02	-148.33	1815.49	130.20	739.59
		1705	38.14	4.51	-146.87	-115.58	-26.79	61.30	1738.50	-893.91	926.56	-81.98	1215.78
		1702	30.63	49.47	3.12	9.26	43.34	15.71	1892.54	-224.84	1640.46	27.23	685.71
		1701	34.45	-0.71	-80.00	-51.93	-28.77	37.91	2528.77	1079.72	2443.04	1165.45	341.87
1528	59	1704	32.34	56.06	-48.10	-39.18	47.14	29.15	1999.20	-119.90	1768.72	110.58	659.77
		1705	36.68	21.65	-132.45	-97.46	-13.33	64.55	1650.84	-863.66	943.93	-156.75	1130.40
		1702	31.77	72.81	24.55	38.48	58.88	21.87	1877.51	-260.68	1675.86	-59.02	624.91
		1701	33.34	18.16	-64.32	-23.99	-22.18	41.23	2526.23	1078.46	2468.84	1135.85	282.48
1528	91	1704	32.19	56.39	-46.85	-37.97	47.51	28.94	1992.24	-117.90	1765.22	109.12	653.84
		1705	36.58	22.92	-131.38	-96.12	-12.34	64.79	1644.52	-861.59	945.22	-162.30	1124.05
		1702	31.86	74.67	26.01	40.65	60.03	22.32	1876.67	-263.61	1678.49	-65.43	620.39
		1701	33.26	19.67	-63.27	-21.91	-21.68	41.47	2526.28	1078.12	2470.76	1133.64	278.07
1529	27	1703	28.05	-17.43	-85.85	-57.39	-45.88	33.72	1788.11	112.74	1788.10	112.76	5.32
		1704	33.86	23.73	-72.68	-56.54	7.59	35.99	2149.30	-55.92	1934.39	158.99	654.01
		1701	38.34	16.76	-45.82	-39.78	10.71	18.49	2801.86	998.51	2710.68	1089.69	395.12
		1700	53.17	-26.61	-104.34	-56.23	-74.72	37.75	3847.17	1771.18	3771.16	1847.20	-389.90
1529	59	1703	26.77	-12.07	-71.52	-45.23	-38.36	29.53	1714.53	81.58	1713.51	82.60	-40.75
		1704	31.65	29.44	-64.33	-44.41	9.53	38.35	2043.56	-30.90	1865.15	147.51	581.61
		1701	35.20	28.48	-24.35	-11.55	15.67	22.64	2670.12	1005.13	2598.22	1077.03	338.44
		1700	50.23	-11.81	-83.26	-28.88	-66.19	30.47	3725.34	1737.31	3666.16	1796.49	-337.87
1529	91	1703	26.68	-11.67	-70.46	-44.32	-37.80	29.21	1709.14	79.13	1707.94	80.32	-44.17
		1704	31.48	29.89	-63.73	-43.51	9.68	38.52	2035.74	-29.12	1859.97	146.64	576.23
		1701	34.98	29.55	-22.94	-9.44	16.04	22.94	2660.33	1005.56	2589.82	1076.07	334.23
		1700	50.01	-10.56	-81.83	-26.84	-65.55	29.92	3716.30	1734.69	3658.30	1792.69	-334.00
1530	27	1671	39.05	-45.63	-97.15	-68.69	-74.09	-25.62	816.60	-2055.15	-2045.11	806.55	169.54
		1703	36.45	7.72	-107.81	-42.10	-57.99	57.22	2197.24	215.25	1624.56	787.93	-898.38

		1700	58.70	-30.54	-90.66	-77.86	-43.33	-24.61	4217.87	1465.97	4193.55	1490.28	-257.52
		42	111.95	-17.37	-262.93	-41.43	-238.87	73.01	5930.04	-2041.97	3713.23	174.84	-3571.86
1530	59	1671	38.91	-39.80	-122.06	-62.80	-99.05	-36.92	763.48	-2030.30	-2006.64	739.82	255.99
		1703	35.05	13.22	-99.59	-36.20	-50.18	55.97	2110.38	190.45	1562.70	738.13	-866.92
		1700	53.48	-25.54	-58.44	-48.00	-35.99	-15.31	3919.49	1390.26	3905.01	1404.74	-190.86
		42	106.90	3.51	-232.12	-14.99	-213.62	63.39	5627.94	-2078.80	3425.09	124.05	-3481.98
1530	91	1671	38.97	-39.23	-124.03	-62.36	-100.90	-37.77	759.75	-2028.69	-2003.76	734.82	262.46
		1703	34.94	13.63	-98.98	-35.76	-49.59	55.87	2103.90	188.59	1558.08	734.41	-864.58
		1700	53.09	-25.09	-56.11	-45.77	-35.43	-14.63	3897.30	1384.51	3883.47	1398.34	-185.91
		42	106.53	5.09	-229.85	-13.02	-211.74	62.66	5605.42	-2081.53	3403.60	120.30	-3475.24
1531	27	1708	33.64	-0.36	-47.55	-45.15	-2.77	10.38	1576.60	-955.40	566.62	54.58	1239.84
		1677	19.06	47.40	8.17	28.64	26.94	-19.59	766.84	-570.74	-30.37	226.48	656.35
		1676	25.39	-29.25	-97.29	-76.56	-49.99	-31.32	810.57	-918.96	11.15	-119.54	862.30
		1705	44.66	91.67	-32.57	-15.26	74.36	-43.02	1922.99	-1123.16	897.47	-97.63	1439.51
1531	59	1708	31.96	11.82	-48.49	-45.60	8.94	12.87	1482.03	-911.82	541.91	28.29	1169.05
		1677	16.11	49.55	23.70	30.00	43.25	-11.10	662.92	-509.64	-27.32	180.60	576.99
		1676	22.78	-19.11	-72.30	-60.04	-31.37	-22.40	716.04	-875.07	6.84	-165.88	790.85
		1705	42.71	103.33	-14.08	0.29	88.96	-38.48	1843.51	-1085.50	882.18	-124.17	1375.35
1531	91	1708	31.83	12.72	-48.56	-45.64	9.80	13.05	1475.01	-908.59	540.07	26.35	1163.79
		1677	15.89	49.97	24.58	30.10	44.45	-10.47	655.20	-505.11	-27.10	177.19	571.09
		1676	22.59	-18.33	-70.50	-58.82	-30.01	-21.75	709.05	-871.85	6.52	-169.32	785.54
		1705	42.57	104.20	-12.72	1.44	90.04	-38.15	1837.62	-1082.72	881.04	-126.14	1370.58
1532	27	1707	26.72	10.70	-39.54	-23.69	-5.15	23.35	1410.02	-497.29	1014.25	-101.52	773.45
		1708	29.57	6.44	-5.94	-5.71	6.21	-1.66	1421.48	-805.32	612.39	3.77	1071.01
		1705	38.74	57.89	-98.71	-98.71	57.89	-0.48	1785.66	-889.57	970.88	-74.80	1231.20
		1704	31.73	-7.52	-71.94	-61.11	-18.35	24.09	1961.93	-167.73	1669.75	124.46	732.72
1532	59	1707	24.67	19.69	-38.73	-21.75	2.71	26.53	1309.81	-436.45	987.32	-113.97	677.60
		1708	27.31	19.29	-5.09	-3.72	17.93	5.60	1313.23	-742.90	586.46	-16.13	982.92
		1705	36.24	72.88	-80.85	-80.40	72.44	8.25	1704.83	-824.04	981.07	-100.28	1143.00
		1704	29.91	8.59	-58.98	-42.89	-7.50	28.78	1904.66	-119.00	1679.09	106.57	636.87
1532	91	1707	24.52	20.36	-38.67	-21.60	3.29	26.76	1302.47	-432.05	985.31	-114.89	670.48
		1708	27.19	20.36	-5.15	-3.58	18.79	6.13	1305.19	-738.28	584.52	-17.61	976.37
		1705	36.06	74.02	-79.56	-79.05	73.51	8.89	1698.90	-819.25	981.83	-102.18	1136.45
		1704	29.78	9.82	-58.05	-41.54	-6.69	29.12	1900.66	-115.64	1679.78	105.24	629.74
1533	27	1706	14.59	14.35	-66.02	-10.04	-41.63	36.95	798.05	-54.91	749.83	-6.69	196.99
		1707	25.16	3.28	-37.88	-22.63	-11.97	19.88	1372.43	-414.05	1011.14	-52.77	717.57
		1704	33.64	9.53	-61.10	-54.31	2.74	20.82	2087.13	-111.75	1852.08	123.30	679.41
		1703	27.49	-7.04	-107.68	-54.65	-60.08	50.25	1803.44	273.35	1801.89	274.90	-48.72
1533	59	1706	13.27	13.73	-56.02	-9.14	-33.15	32.74	746.77	-62.56	725.10	-40.89	130.65
		1707	23.59	13.68	-38.63	-21.09	-3.86	24.70	1285.70	-368.75	984.54	-67.59	638.40
		1704	31.16	24.52	-52.25	-40.66	12.93	27.49	1975.89	-73.69	1785.13	117.07	595.47
		1703	26.55	-3.49	-89.20	-42.96	-49.74	42.72	1746.84	240.35	1737.28	249.91	-119.61
1533	91	1706	13.18	13.69	-55.27	-9.07	-32.51	32.43	743.33	-63.52	723.24	-43.43	125.72
		1707	23.48	14.46	-38.69	-20.98	-3.26	25.06	1279.33	-365.47	982.55	-68.69	632.51
		1704	30.97	25.67	-51.63	-39.65	13.69	27.98	1967.69	-70.96	1780.13	116.61	589.23
		1703	26.48	-3.23	-87.82	-42.09	-48.96	42.16	1742.89	237.62	1732.46	248.05	-124.88
1534	32	1672	13.17	37.23	-80.94	33.02	-76.73	-21.90	409.88	-202.66	-202.37	409.59	13.32
		1706	11.29	10.91	-70.35	-16.96	-42.47	38.57	707.81	329.78	687.69	349.90	-84.85
		1703	22.10	21.59	-55.91	-13.45	-20.87	38.58	1427.88	226.45	1295.97	358.36	-375.61
		1671	28.94	-40.79	-180.12	-55.49	-165.43	42.79	1270.84	-354.63	254.48	661.73	-786.81
1534	64	1672	12.77	38.20	-64.98	34.69	-61.47	-18.71	428.72	-195.49	-189.14	422.38	62.61
		1706	11.26	10.01	-72.92	-18.32	-44.59	39.33	726.71	350.74	721.74	355.72	-42.96
		1703	22.01	14.01	-54.99	-18.15	-22.83	34.42	1446.80	261.01	1343.35	364.46	-334.62
		1671	27.26	-46.25	-163.60	-60.71	-149.14	38.57	1217.09	-328.61	224.65	663.83	-740.99
1534	96	1672	12.74	38.27	-63.80	34.81	-60.34	-18.48	430.42	-195.26	-188.16	423.32	66.27
		1706	11.26	9.94	-73.11	-18.42	-44.75	39.39	728.53	351.89	724.27	356.15	-39.85
		1703	22.00	13.46	-54.92	-18.49	-22.97	34.12	1448.34	263.43	1346.87	364.91	-331.58
		1671	27.14	-46.64	-162.38	-61.10	-147.93	38.26	1213.13	-326.71	222.43	663.99	-737.58
1535	27	1813	27.42	6.96	-23.44	-5.27	-11.21	14.91	1173.95	-828.98	376.80	-31.83	980.40
		1678	13.63	15.26	6.91	8.94	13.23	-3.58	563.90	-461.50	39.63	62.77	512.57
		1677	17.48	29.71	-5.91	-5.14	28.94	-5.17	660.09	-648.20	-10.02	21.90	653.95
		1708	33.13	8.29	-10.21	-8.49	6.57	5.37	1478.81	-1035.73	523.22	-80.13	1220.54
1535	59	1813	25.69	16.46	-21.17	-5.48	0.77	18.55	1104.46	-745.37	358.10	1.00	907.52
		1678	11.71	22.85	7.34	7.34	22.85	-0.24	503.54	-384.06	20.32	99.16	442.05
		1677	15.47	38.68	-6.85	-6.66	38.49	-2.97	609.70	-560.53	-10.30	59.47	584.08
		1708	31.40	20.70	-8.86	-6.60	18.44	7.84	1421.06	-945.07	522.13	-46.15	1148.43
1535	91	1813	25.56	17.24	-21.08	-5.49	1.65	18.82	1099.31	-739.15	356.71	3.44	902.10
		1678	11.61	23.56	7.22	7.22	23.56	8.28e-03	499.15	-378.39	18.89	101.87	436.81
		1677	15.32	39.36	-6.94	-6.77	39.19	-2.80	606.00	-554.04	-10.32	62.27	578.88
		1708	31.27	21.61	-8.76	-6.46	19.32	8.03	1416.77	-938.33	522.05	-43.61	1143.07
1536	27	1808	23.30	9.72	-27.39	1.91	-19.59	15.12	1082.33	-569.92	631.87	-119.47	735.77
		1813	24.24	10.86	-10.86	6.90	-6.90	8.39	1078.68	-708.86	425.86	-56.04	860.68
		1708	30.11	10.14	-22.33	-22.25	10.06	-1.62	1385.71	-861.76	630.72	-106.77	1061.51
		1707	26.15	-0.90	-37.99	-21.36	-17.52	18.44	1365.67	-512.41	1005.15	-151.89	739.67
1536	59	1808	21.20	16.38	-26.65	-1.79	-8.48	21.25	996.99	-474.19	607.42	-84.62	649.12
		1813	22.32	18.92	-12.23	2.83	3.85	15.57	990.73	-612.77	400.78	-22.81	773.27
		1708	27.23	22.70	-20.42	-19.58	21.86	5.95	1296.24	-765.14	604.69	-73.60	973.30

		1707	24.22	13.83	-37.53	-18.39	-5.31	24.84	1283.48	-420.77	979.68	-116.97	652.27
1536	91	1808	21.04	17.03	-26.75	-2.06	-7.66	21.71	990.65	-467.08	605.59	-82.03	642.68
		1813	22.18	19.72	-12.54	2.53	4.64	16.09	984.19	-605.63	398.90	-20.34	766.77
		1708	27.02	23.71	-20.37	-19.39	22.73	6.51	1289.58	-757.97	602.74	-71.13	966.74
		1707	24.07	14.94	-37.52	-18.17	-4.40	25.31	1277.41	-414.00	977.78	-114.37	645.77
1537	27	1820	22.11	4.51	-19.73	1.02	-16.24	8.51	953.84	-677.10	269.41	7.33	804.88
		1679	11.70	20.07	-6.30	6.97	6.80	-13.18	491.41	-318.08	79.88	93.45	404.69
		1678	14.32	40.28	5.69	6.08	39.90	-3.63	578.03	-498.54	17.13	62.36	537.81
		1813	27.26	12.84	-19.17	-0.14	-6.19	15.72	1164.64	-818.34	371.69	-25.40	971.41
1537	59	1820	20.91	14.31	-20.96	0.16	-6.80	17.29	899.68	-583.15	277.46	39.07	731.77
		1679	9.10	6.89	-3.07	3.32	0.50	-4.78	421.31	-240.08	55.00	126.24	328.77
		1678	12.31	34.09	2.61	2.63	34.07	-0.80	510.11	-417.64	-1.52	93.99	461.41
		1813	25.56	20.38	-17.76	-0.92	3.54	18.94	1101.73	-732.66	364.07	5.00	899.46
1537	91	1820	20.82	15.20	-21.21	0.09	-6.10	17.94	895.67	-576.15	278.07	41.44	726.34
		1679	8.92	5.96	-2.88	3.05	0.03	-4.16	416.25	-234.40	53.16	128.69	323.13
		1678	12.19	33.65	2.36	2.37	33.64	-0.59	505.15	-411.70	-2.91	96.36	455.73
		1813	25.44	21.00	-17.72	-0.98	4.26	19.18	1097.06	-726.29	363.50	7.27	894.11
1538	27	1825	22.06	15.52	-42.23	0.57	-27.28	-25.29	904.93	-636.56	332.00	-63.63	744.93
		1680	7.86	53.13	-20.72	18.84	13.57	-36.83	457.58	128.11	393.25	192.44	130.60
		1679	13.86	66.14	22.27	23.40	65.01	-6.94	433.71	-580.98	-197.44	50.16	492.01
		1820	22.99	9.55	-60.26	-5.47	-45.25	28.68	992.87	-551.52	395.98	45.37	752.03
1538	59	1825	17.83	-3.72	-7.85	-3.79	-7.78	-0.55	822.05	-537.08	308.13	-23.16	659.07
		1680	5.51	6.02	-27.72	2.82	-24.53	-9.88	385.86	209.33	368.85	226.34	52.08
		1679	11.73	30.10	12.84	13.75	29.20	-3.85	389.24	-492.06	-188.82	86.00	418.68
		1820	20.73	16.59	-43.52	-3.61	-23.31	28.40	933.81	-445.71	401.64	86.46	671.52
1538	91	1825	17.71	-3.53	-6.92	-4.12	-6.33	1.28	815.88	-529.69	306.33	-20.14	652.68
		1680	5.48	3.63	-29.36	1.63	-27.36	-7.88	381.06	214.81	367.01	228.87	46.25
		1679	11.58	27.44	12.12	13.03	26.53	-3.62	386.05	-485.53	-188.16	88.68	413.23
		1820	20.56	17.22	-42.38	-3.48	-21.68	28.38	929.43	-437.82	402.09	89.53	665.53
1539	6	1833	34.14	301.08	130.98	292.10	139.96	38.04	1186.59	-670.16	798.23	-281.79	755.17
		1681	90.72	275.12	-181.96	274.96	-181.80	-8.53	5133.75	25.84	4211.21	948.38	-1964.98
		1680	31.31	-64.63	-246.34	-110.44	-200.53	-78.90	-243.38	-1987.10	-1818.78	-411.71	514.95
		1825	16.84	67.65	-34.82	-28.48	61.31	24.68	1162.88	423.74	1125.14	461.48	162.70
1539	38	1833	24.64	169.91	93.88	169.90	93.89	0.79	891.80	-782.41	439.66	-330.27	743.34
		1681	78.42	171.14	-135.98	171.11	-135.94	3.21	4728.38	96.13	3865.21	959.31	-1803.71
		1680	30.91	-69.33	-149.44	-87.18	-131.59	-33.33	-91.87	-2055.05	-1788.72	-358.19	672.24
		1825	16.45	45.17	-30.55	-23.52	38.14	21.97	1180.15	451.58	1142.30	489.43	161.70
1539	70	1833	23.97	160.66	90.32	160.60	90.38	-2.04	869.85	-791.87	411.98	-334.00	742.43
		1681	77.48	163.27	-132.51	163.21	-132.46	4.10	4697.05	101.61	3838.44	960.22	-1791.22
		1680	31.14	-69.67	-142.09	-85.41	-126.35	-29.87	-79.69	-2060.79	-1786.41	-354.07	684.32
		1825	16.43	43.48	-30.25	-23.14	36.38	21.76	1181.50	453.73	1143.65	491.59	161.61
1540	17	1830	15.67	2.47	-5.12	-1.53	-1.12	3.79	909.90	-212.02	745.49	-47.60	396.77
		1833	15.21	7.59	-43.11	0.19	-35.71	17.90	856.21	-83.85	751.12	21.24	296.22
		1825	20.79	13.39	-20.76	-7.13	-0.24	16.72	1026.30	-445.92	570.13	10.26	680.81
		1824	24.63	24.53	-2.65	21.87	0.01	8.08	1328.88	-397.83	802.43	128.62	794.91
1540	49	1830	15.33	22.24	4.31	22.22	4.33	0.59	879.19	-155.93	753.46	-30.20	338.14
		1833	14.65	26.38	-25.50	25.45	-24.57	6.88	835.27	-24.79	759.36	51.12	243.97
		1825	18.47	10.81	-10.17	-5.72	6.36	8.58	936.51	-413.63	515.94	6.93	625.26
		1824	22.99	25.51	-4.52	21.00	-0.01	10.73	1237.42	-350.90	742.55	143.97	735.60
1540	81	1830	15.32	23.92	4.72	23.91	4.72	0.37	877.03	-151.86	754.06	-28.90	333.76
		1833	14.62	27.96	-24.51	27.24	-23.79	6.11	833.81	-20.47	759.98	53.36	240.05
		1825	18.30	10.73	-9.53	-5.62	6.82	8.00	929.75	-411.24	511.81	6.70	621.11
		1824	22.87	25.60	-4.67	20.94	-0.01	10.93	1230.55	-347.44	737.99	145.12	731.19
1541	27	1824	23.17	28.91	-35.88	18.95	-25.92	23.36	1046.54	-511.99	540.19	-5.65	729.91
		1825	17.94	5.02	-54.53	-8.61	-40.89	25.03	828.28	-347.69	424.06	56.53	558.53
		1820	23.48	23.97	-53.61	9.75	-39.38	30.02	933.04	-631.68	355.68	-54.33	755.02
		1817	21.42	14.91	-28.46	9.52	-23.07	14.31	1038.52	-448.39	589.39	0.73	682.71
1541	59	1824	21.19	28.14	-16.58	19.57	-8.00	17.60	1032.01	-409.60	588.90	33.51	665.17
		1825	15.55	7.79	-32.52	-7.33	-17.40	19.51	800.45	-229.16	472.50	98.79	479.70
		1820	20.45	22.98	-36.56	3.68	-17.26	27.87	841.34	-527.58	326.19	-12.42	663.19
		1817	19.81	18.53	-23.33	3.20	-8.01	20.17	972.63	-377.06	567.90	27.67	618.43
1541	91	1824	21.05	28.10	-15.16	19.61	-6.67	17.18	1031.06	-401.99	592.62	36.45	660.36
		1825	15.38	8.12	-31.01	-7.23	-15.66	19.10	798.53	-220.37	476.21	101.95	473.83
		1820	20.23	23.07	-35.46	3.23	-15.62	27.71	834.52	-519.85	323.97	-9.30	656.37
		1817	19.70	19.07	-23.23	2.73	-6.89	20.60	967.74	-371.77	566.30	29.66	613.66
1542	27	1817	22.45	16.20	-25.02	13.84	-22.67	9.56	1062.27	-534.11	565.99	-37.83	738.89
		1820	19.94	14.28	-12.33	13.56	-11.61	4.34	931.30	-533.95	393.76	3.59	706.17
		1813	24.28	10.97	-7.62	5.16	-1.81	8.62	1077.65	-717.65	417.75	-57.74	865.59
		1808	23.23	6.55	-35.06	-0.28	-28.23	15.41	1086.30	-548.89	643.76	-106.36	726.49
1542	59	1817	20.48	19.00	-19.57	7.22	-7.79	17.76	976.95	-440.83	541.47	-5.35	654.04
		1820	18.34	16.45	-15.13	5.56	-4.24	15.01	844.65	-442.05	368.30	34.30	621.30
		1813	22.39	19.15	-11.89	0.69	6.57	15.24	991.44	-624.01	393.69	-26.26	779.96
		1808	21.14	14.63	-30.42	-3.04	-12.75	21.99	1002.51	-454.83	620.40	-72.73	640.98
1542	91	1817	20.34	19.57	-19.53	6.73	-6.69	18.36	970.61	-433.89	539.64	-2.92	647.74
		1820	18.22	17.01	-15.75	4.96	-3.70	15.80	838.22	-435.22	366.41	36.59	614.99
		1813	22.26	19.87	-12.32	0.36	7.19	15.73	985.04	-617.05	391.89	-23.91	773.60
		1808	20.99	15.44	-30.29	-3.25	-11.60	22.48	996.29	-447.85	618.66	-70.22	634.62

1543	27	1709	13.68	11.91	-29.42	9.99	-27.49	8.71	685.36	-214.37	519.58	-48.59	348.82
		1808	24.04	10.40	-30.18	1.70	-21.47	16.66	1113.96	-583.50	621.39	-90.93	770.39
		1707	25.23	-4.23	-33.39	-20.15	-17.46	14.52	1344.13	-478.77	994.40	-129.04	717.78
		1706	14.92	-8.71	-53.44	-15.86	-46.30	16.39	873.03	-89.25	837.14	-53.36	182.34
1543	59	1709	11.92	11.20	-26.45	5.26	-20.51	13.73	618.09	-139.85	495.60	-17.36	278.99
		1808	22.30	16.90	-28.90	-2.02	-9.97	22.55	1041.81	-502.92	597.55	-58.67	699.21
		1707	23.73	11.96	-34.31	-17.52	-4.83	22.24	1273.53	-402.57	967.98	-97.02	647.12
		1706	13.69	0.44	-52.28	-13.35	-38.50	23.17	825.47	-37.40	810.40	-22.32	113.06
1543	91	1709	11.79	11.27	-26.35	4.91	-19.99	14.10	613.14	-134.37	493.81	-15.03	273.80
		1808	22.18	17.53	-28.95	-2.30	-9.12	22.99	1036.44	-496.93	595.77	-56.26	693.92
		1707	23.62	13.17	-34.39	-17.33	-3.89	22.81	1268.29	-396.92	966.01	-94.64	641.87
		1706	13.60	1.17	-52.25	-13.16	-37.91	23.67	822.22	-33.83	808.39	-20.01	107.91
1544	27	1673	12.20	11.54	-12.62	11.25	-12.33	2.63	622.46	-284.68	30.53	307.25	431.95
		1709	14.47	9.52	-38.05	-2.14	-26.39	20.46	790.59	-114.92	503.10	172.57	421.52
		1706	12.09	-0.32	-51.49	-5.68	-46.13	15.67	824.98	205.96	785.33	245.61	151.58
		1672	8.73	-0.09	-38.97	-3.50	-35.56	-11.00	463.83	16.13	26.00	453.96	65.73
1544	59	1673	11.56	7.86	-24.31	7.86	-24.31	0.04	579.61	-233.11	18.96	327.55	375.92
		1709	12.72	9.72	-32.25	-3.04	-19.48	19.31	729.50	-44.60	481.05	203.86	361.39
		1706	11.08	6.14	-49.06	-3.83	-39.09	21.23	766.86	244.59	746.84	264.61	100.27
		1672	8.86	-3.78	-48.77	-4.48	-48.07	-5.57	442.68	16.29	17.81	441.17	25.36
1544	91	1673	11.52	7.61	-25.20	7.61	-25.20	-0.15	576.54	-229.38	18.10	329.06	371.76
		1709	12.60	9.75	-31.83	-3.11	-18.97	19.22	724.95	-39.37	479.39	206.19	356.91
		1706	11.01	6.66	-48.93	-3.69	-38.57	21.65	762.70	247.30	743.97	266.03	96.45
		1672	8.88	-3.96	-49.59	-4.55	-48.99	-5.16	441.40	16.02	17.20	440.22	22.36
1545	27	1814	16.65	33.31	-33.89	18.10	-18.68	28.12	798.95	-214.08	562.63	22.24	428.43
		1817	25.72	25.82	-47.28	8.06	-29.52	31.35	1134.86	-586.21	563.55	-14.90	810.48
		1808	24.30	8.49	-35.16	1.44	-28.11	16.06	1129.71	-582.90	635.25	-88.44	776.10
		1709	13.24	4.24	-32.36	2.98	-31.10	6.66	679.80	-205.99	526.23	-52.42	335.34
1545	59	1814	14.43	27.31	-23.61	12.48	-8.78	23.13	742.28	-142.16	539.89	60.24	371.54
		1817	23.18	24.07	-32.43	3.97	-12.32	27.05	1060.56	-510.07	535.20	15.29	741.04
		1808	22.58	16.25	-29.78	-1.31	-12.22	22.36	1057.73	-504.68	610.69	-57.63	706.13
		1709	11.49	4.89	-28.68	-1.20	-22.59	12.93	615.13	-125.87	501.97	-12.70	266.55
1545	91	1814	14.26	26.89	-22.87	12.06	-8.04	22.76	738.08	-136.80	538.19	63.09	367.32
		1817	22.99	24.03	-31.41	3.67	-11.05	26.73	1055.03	-504.41	533.07	17.54	735.88
		1808	22.45	17.04	-29.60	-1.51	-11.04	22.83	1052.38	-498.86	608.85	-55.33	700.93
		1709	11.37	5.12	-28.59	-1.51	-21.96	13.40	610.38	-119.94	500.16	-9.72	261.44
1546	27	1674	19.39	15.54	-7.84	12.72	-5.02	7.62	940.64	-485.87	87.98	366.79	699.50
		1814	19.55	13.91	-31.91	-3.01	-14.99	22.11	1032.68	-262.82	552.12	217.74	625.80
		1709	14.49	7.70	-36.93	2.74	-31.97	14.03	802.28	-128.33	519.55	154.40	427.99
		1673	12.62	4.92	-22.90	1.50	-19.48	-9.14	571.57	-300.55	1.11	269.91	414.84
1546	59	1674	17.25	10.47	-13.94	9.91	-13.38	3.63	886.23	-406.41	86.76	393.06	627.91
		1814	17.36	14.96	-22.24	-2.43	-4.85	18.56	949.68	-196.40	502.07	251.22	559.15
		1709	12.98	10.74	-30.49	2.05	-21.80	16.82	741.77	-56.73	496.84	188.20	368.22
		1673	11.30	-0.23	-29.56	-1.35	-28.44	-5.61	537.25	-226.68	2.45	308.13	350.05
1546	91	1674	17.09	10.17	-14.46	9.71	-14.00	3.33	882.22	-400.55	86.67	394.99	622.59
		1814	17.21	15.07	-21.56	-2.39	-4.11	18.30	943.54	-191.50	498.31	253.73	554.19
		1709	12.87	11.03	-30.09	1.99	-21.05	17.03	737.27	-51.39	495.15	190.74	363.77
		1673	11.21	-0.56	-30.11	-1.56	-29.10	-5.35	534.89	-221.34	2.55	310.99	345.23
1547	27	1821	22.22	7.40	-19.43	5.18	-17.21	7.38	1340.58	-150.14	1059.84	130.61	582.84
		1824	25.32	5.85	-58.61	-17.86	-34.91	31.09	1261.87	-438.58	765.04	58.26	773.30
		1817	26.18	31.11	-46.70	9.31	-24.90	34.94	1170.41	-561.27	603.22	5.92	812.71
		1814	13.08	6.90	-17.44	6.19	-16.74	4.09	694.39	-217.63	458.61	18.15	399.30
1547	59	1821	20.81	26.58	-10.34	21.69	-5.45	12.52	1237.75	-82.02	980.96	174.77	522.46
		1824	23.07	15.23	-29.65	-0.86	-13.55	21.52	1171.81	-406.22	683.08	82.51	729.64
		1817	24.09	29.73	-31.73	5.82	-7.82	29.97	1112.86	-505.65	576.48	30.72	761.86
		1814	11.46	7.18	-16.12	1.60	-10.54	9.95	631.21	-130.88	436.17	64.16	332.57
1547	91	1821	20.70	28.01	-9.68	22.91	-4.58	12.89	1230.11	-76.96	975.07	178.08	517.99
		1824	22.90	15.92	-27.49	0.40	-11.97	20.80	1165.15	-403.91	676.95	84.30	726.41
		1817	23.94	29.71	-30.70	5.56	-6.55	29.59	1108.58	-501.54	574.48	32.56	758.09
		1814	11.35	7.41	-16.24	1.26	-10.08	10.38	626.54	-124.42	434.50	67.62	327.62
1548	29	1829	20.05	17.16	1.81	10.99	7.98	7.52	1283.97	-15.57	1154.91	113.50	388.67
		1830	15.56	-7.11	-22.52	-7.71	-21.92	-2.98	956.63	-135.51	874.55	-53.43	287.94
		1824	31.15	32.00	-20.33	10.21	1.47	25.80	1492.89	-683.01	779.62	30.26	1021.39
		1821	14.71	17.14	-12.88	6.46	-2.19	-14.37	1012.81	138.54	894.79	256.55	298.74
1548	61	1829	22.19	46.41	9.12	38.33	17.20	15.37	1337.29	-12.54	1196.41	128.34	412.69
		1830	17.29	18.99	-17.37	17.91	-16.30	-6.15	1016.22	-137.29	919.38	-40.44	319.89
		1824	29.29	34.51	-12.78	18.20	3.53	22.48	1406.87	-637.60	712.13	57.15	968.36
		1821	14.37	20.58	0.28	15.88	4.98	-8.56	997.76	106.49	842.58	261.66	337.97
1548	93	1829	22.34	48.59	9.60	40.32	17.88	15.94	1341.20	-12.30	1199.45	129.44	414.44
		1830	17.42	20.89	-17.00	19.78	-15.89	-6.38	1020.62	-137.43	922.66	-39.48	322.25
		1824	29.16	34.71	-12.25	18.78	3.68	22.23	1400.49	-634.24	707.10	59.15	964.41
		1821	14.41	20.88	1.20	16.57	5.51	-8.14	996.82	103.92	838.69	262.04	340.86
1549	27	1675	35.88	64.91	13.48	49.11	29.28	23.73	1848.94	-617.62	590.19	641.13	1233.02
		1821	21.89	-4.11	-46.32	-21.23	-29.21	20.73	1174.53	-326.23	708.08	140.22	694.58
		1814	25.22	37.26	-27.40	18.82	-8.96	29.20	1273.22	-377.19	820.04	75.98	736.59
		1674	18.01	7.31	-47.47	-31.15	-9.01	-25.06	674.11	-560.64	-117.96	231.43	592.15
1549	59	1675	34.80	72.36	8.73	59.28	21.81	25.70	1838.13	-503.96	634.93	699.24	1170.60

		1821	19.20	3.46	-27.28	-8.17	-15.64	14.91	1082.53	-223.62	650.27	208.64	614.61
		1814	22.73	40.82	-18.24	20.10	2.48	28.18	1182.58	-277.75	768.14	136.69	658.38
		1674	16.27	-7.02	-45.28	-33.44	-18.86	-17.69	661.49	-477.28	-109.05	293.25	532.67
1549	91	1675	34.72	72.96	8.34	60.04	21.26	25.85	1837.35	-495.49	638.31	703.56	1165.96
		1821	19.01	4.03	-25.87	-7.21	-14.64	14.48	1075.73	-216.03	645.96	213.74	608.66
		1814	22.54	41.10	-17.59	20.20	3.32	28.11	1175.84	-270.37	764.25	141.22	652.56
		1674	16.15	-8.07	-45.12	-33.61	-19.58	-17.14	660.73	-471.20	-108.37	297.90	528.26
1550	26	50	140.96	213.68	-18.19	172.32	23.16	88.76	9164.72	904.47	5480.74	4588.45	4105.96
		1829	28.93	161.13	28.72	139.90	49.96	-48.59	-777.97	-1974.62	-1579.06	-1173.52	-562.92
		1821	60.22	88.08	8.58	54.61	42.05	39.25	3502.71	-435.45	1688.71	1378.55	1962.96
		1675	62.73	43.39	-17.90	23.02	2.47	-28.87	1307.75	-3336.03	-3278.08	1249.81	-515.50
1550	38	50	148.15	162.32	-25.91	123.93	12.48	75.84	9668.39	692.63	5967.14	4393.88	4418.40
		1829	26.24	110.87	8.22	90.08	29.01	-41.25	-429.33	-1849.42	-1157.98	-1120.77	-709.80
		1821	59.21	78.81	-11.27	41.83	25.71	44.31	3495.37	-319.03	1731.44	1444.90	1901.81
		1675	59.79	48.59	-46.01	11.44	-8.86	-46.20	1049.98	-3317.11	-3303.17	1036.04	-246.37
1550	70	50	148.43	159.50	-25.97	120.70	12.83	75.44	9685.90	677.91	5992.24	4371.57	4430.50
		1829	26.37	107.36	7.38	86.63	28.12	-40.54	-403.26	-1844.98	-1133.47	-1114.77	-720.80
		1821	59.13	78.34	-11.55	41.05	25.74	44.29	3493.51	-314.65	1735.63	1443.23	1898.46
		1675	59.60	49.52	-46.79	10.90	-8.17	-47.20	1028.89	-3321.59	-3308.88	1016.19	-234.80
1551	27	1765	19.17	5.49	-2.84	4.68	-2.03	-2.46	160.61	-1172.30	-1167.52	155.84	-79.64
		1766	15.40	5.20	-4.56	4.63	-3.99	-2.29	188.17	-897.56	-890.27	180.88	-88.68
		1570	15.76	0.40	-8.32	-2.18	-5.74	-3.98	315.53	-855.36	-839.72	299.89	-134.43
		1590	19.74	0.90	-6.82	-2.56	-3.36	-3.84	255.12	-1164.72	-1153.33	243.72	-126.68
1551	59	1765	18.21	5.74	-1.47	5.73	-1.46	-0.20	136.95	-1117.61	-1115.44	134.78	-52.13
		1766	14.32	5.75	-2.65	5.74	-2.64	0.29	157.65	-841.01	-837.08	153.72	-62.54
		1570	14.66	-0.53	-4.41	-0.74	-4.19	-0.88	282.96	-798.03	-787.94	272.87	-103.96
		1590	18.61	-0.70	-3.20	-1.29	-2.61	-1.06	229.50	-1109.31	-1102.56	222.75	-94.84
1551	91	1765	18.13	5.81	-1.42	5.81	-1.42	-0.03	135.19	-1113.49	-1111.47	133.17	-50.09
		1766	14.23	5.85	-2.57	5.82	-2.54	0.48	155.39	-836.75	-833.03	151.67	-60.61
		1570	14.58	-0.52	-4.20	-0.64	-4.08	-0.66	280.54	-793.72	-784.00	270.83	-101.70
		1590	18.53	-0.78	-2.97	-1.19	-2.56	-0.86	227.59	-1105.14	-1098.69	221.15	-92.47
1552	16	260	44.69	95.75	-191.63	89.70	-185.59	41.24	-320.32	-2375.20	-539.89	-2155.63	634.81
		1933	54.86	38.12	-154.37	36.72	-152.97	16.33	559.68	-2840.35	26.93	-2307.61	1235.93
		1935	33.43	-31.26	-171.91	-36.23	-166.94	25.95	-295.32	-1836.53	-300.68	-1831.17	90.73
		263	27.13	-20.71	-154.95	-24.21	-151.45	21.39	16.29	-1346.61	-194.10	-1136.22	492.42
1552	48	260	39.18	66.45	-140.72	61.91	-136.18	30.32	-477.23	-2268.78	-585.66	-2160.35	427.21
		1933	46.32	23.63	-103.72	23.20	-103.28	7.44	462.21	-2502.28	26.89	-2066.96	1049.28
		1935	27.06	-16.91	-121.14	-21.37	-116.67	21.10	-219.60	-1535.37	-220.22	-1534.76	28.42
		263	23.18	-20.11	-104.08	-22.74	-101.45	14.63	-4.26	-1244.09	-160.60	-1087.75	411.57
1552	80	260	38.79	64.22	-136.85	59.79	-132.43	29.49	-488.00	-2261.86	-589.15	-2160.72	411.32
		1933	45.67	22.54	-99.88	22.16	-99.50	6.76	454.86	-2476.43	26.94	-2048.52	1035.00
		1935	26.58	-15.81	-117.28	-20.24	-112.85	20.73	-213.63	-1512.47	-214.06	-1512.04	23.66
		263	22.88	-20.06	-100.22	-22.62	-97.65	14.11	-5.64	-1236.44	-158.04	-1084.05	405.39
1553	16	263	26.06	17.06	-170.96	10.50	-164.40	34.51	-242.11	-1254.09	-295.97	-1200.23	227.17
		1935	30.82	-3.77	-168.87	-7.69	-164.94	25.14	20.26	-1489.89	-48.03	-1421.60	313.79
		1936	19.61	-12.93	-164.80	-17.57	-160.16	26.13	-44.12	-800.11	-57.26	-786.98	98.78
		265	19.74	1.25	-157.22	-4.85	-151.12	30.48	-76.32	-833.70	-80.15	-829.86	53.74
1553	48	263	22.01	10.38	-118.49	5.73	-113.84	24.04	-219.95	-1156.56	-260.09	-1116.41	189.72
		1935	27.28	-2.11	-116.45	-4.29	-114.26	15.65	35.35	-1417.56	-17.66	-1364.55	272.40
		1936	16.24	-5.83	-112.29	-8.72	-109.40	17.30	-36.58	-738.70	-39.26	-736.03	43.28
		265	15.92	0.26	-104.73	-3.99	-100.48	20.69	-56.75	-752.31	-56.75	-752.30	1.94
1553	80	263	21.71	9.88	-114.50	5.37	-109.99	23.24	-218.20	-1149.18	-257.36	-1110.02	186.87
		1935	27.01	-1.98	-112.46	-4.03	-110.41	14.93	36.56	-1412.14	-15.34	-1360.24	269.25
		1936	15.99	-5.29	-108.30	-8.05	-105.54	16.63	-35.69	-734.37	-37.88	-732.18	39.05
		265	15.63	0.18	-100.73	-3.93	-96.63	19.94	-54.96	-746.40	-54.97	-746.39	-2.01
1554	16	265	18.11	5.54	-157.57	2.11	-154.14	23.41	-56.79	-702.27	-61.68	-697.38	55.97
		1936	19.96	-3.64	-163.28	-5.77	-161.16	18.28	12.35	-786.17	0.59	-774.42	96.19
		1937	13.32	-6.75	-154.43	-8.81	-152.37	17.34	-29.72	-403.10	-29.74	-403.09	-2.27
		267	13.06	1.05	-150.04	-2.00	-147.00	21.23	-9.48	-406.08	-21.22	-394.34	-67.22
1554	48	265	14.95	2.92	-106.78	0.14	-103.99	17.25	-60.50	-673.16	-60.51	-673.15	2.38
		1936	17.01	-1.91	-112.42	-3.35	-110.98	12.56	9.02	-758.84	5.70	-755.53	50.34
		1937	10.66	-2.97	-103.57	-4.37	-102.16	11.82	-4.81	-384.67	-8.16	-381.31	-35.55
		267	10.42	0.50	-99.23	-1.90	-96.83	15.28	25.34	-399.18	-4.02	-369.83	-107.70
1554	80	265	14.72	2.73	-102.91	-8.89e-03	-100.18	16.78	-60.42	-671.42	-60.43	-671.42	-1.70
		1936	16.79	-1.77	-108.55	-3.17	-107.16	12.12	8.96	-757.13	6.09	-754.25	46.85
		1937	10.47	-2.68	-99.70	-4.04	-98.34	11.40	-2.68	-383.66	-6.52	-379.82	-38.06
		267	10.23	0.46	-95.37	-1.89	-93.01	14.83	28.26	-399.05	-2.71	-368.08	-110.78
1555	13	267	12.22	46.01	-3.64	-3.42	45.79	3.29	62.94	-633.96	-3.37	-567.65	-204.48
		1937	11.28	40.86	3.11	3.12	40.86	0.43	34.08	-608.97	9.36	-584.25	-123.64
		1938	7.82	48.64	3.96	3.96	48.64	-0.17	96.61	-336.77	39.50	-279.67	-146.59
		269	9.64	50.80	-2.59	-2.55	50.76	1.51	174.74	-404.00	59.25	-288.51	-231.30
1555	56	267	9.37	0.19	-85.27	-1.17	-83.91	10.70	47.29	-370.05	1.17	-323.93	-130.84
		1937	9.81	-1.20	-89.49	-1.80	-88.88	7.29	21.33	-361.46	11.73	-351.86	-59.86
		1938	5.22	-0.74	-81.65	-1.29	-81.10	6.66	73.55	-118.60	9.42	-54.48	-90.61
		269	6.09	0.34	-79.94	-0.65	-78.94	8.90	160.69	-180.95	31.90	-52.15	-165.57
1555	88	267	9.28	0.15	-82.79	-1.22	-81.43	10.55	47.94	-372.30	1.24	-325.61	-132.07
		1937	9.72	-1.11	-87.00	-1.71	-86.40	7.15	21.73	-363.30	11.82	-353.39	-60.96

		1938	5.15	-0.64	-79.16	-1.19	-78.62	6.53	74.32	-120.37	9.89	-55.95	-91.61
		269	6.04	0.31	-77.46	-0.69	-76.46	8.75	161.44	-182.88	32.32	-53.76	-166.69
1556	16	269	13.50	0.37	-163.46	0.03	-163.12	7.43	385.24	0.27	45.23	340.28	-123.64
		1938	13.03	-3.84	-165.43	-3.99	-165.27	5.04	337.72	14.28	25.36	326.64	-58.82
		1939	17.15	-2.73	-159.53	-2.87	-159.39	4.69	613.27	-11.22	-3.75	605.80	-67.90
		271	17.16	1.55	-160.15	1.34	-159.94	5.82	627.02	14.76	40.30	601.48	-122.41
1556	48	269	8.27	-0.20	-105.39	-0.65	-104.95	6.83	241.65	-77.53	36.33	127.78	-152.90
		1938	7.41	-1.93	-107.29	-2.13	-107.09	4.58	165.42	-29.27	17.32	118.83	-83.06
		1939	11.34	-1.15	-101.39	-1.33	-101.21	4.22	420.75	-14.89	4.26	401.60	-89.30
		271	11.49	0.59	-102.03	0.32	-101.77	5.21	447.94	-7.86	47.40	392.68	-148.78
1556	80	269	7.92	-0.24	-100.98	-0.70	-100.52	6.78	233.27	-86.12	35.65	111.50	-155.13
		1938	7.01	-1.79	-102.87	-1.99	-102.66	4.54	155.03	-35.42	16.70	102.91	-84.91
		1939	10.91	-1.03	-96.97	-1.21	-96.78	4.18	406.54	-15.72	4.86	385.95	-90.93
		271	11.08	0.52	-97.61	0.25	-97.34	5.16	435.37	-10.75	47.94	376.68	-150.79
1557	16	271	20.13	-1.17	-179.43	-1.17	-179.42	-0.73	781.44	50.37	66.28	765.53	-106.68
		1939	20.75	-5.32	-178.84	-5.33	-178.83	-1.31	809.45	21.74	25.17	806.02	-51.84
		1940	25.39	-0.65	-175.53	-0.68	-175.51	-1.95	1120.44	23.38	23.42	1120.40	-7.13
		273	24.25	4.35	-178.34	4.32	-178.31	-2.22	1057.88	84.49	86.70	1055.67	-46.34
1557	48	271	12.86	-1.15	-112.45	-1.17	-112.43	1.47	515.66	14.14	56.04	473.75	-138.78
		1939	13.09	-2.55	-111.84	-2.56	-111.83	0.98	510.72	-1.22	11.96	497.54	-81.09
		1940	17.51	-0.41	-108.51	-0.41	-108.51	0.26	815.70	16.43	18.91	813.21	-44.49
		273	16.64	1.75	-111.32	1.75	-111.32	-0.10	776.10	73.83	84.72	765.21	-86.76
1557	80	271	12.32	-1.14	-107.36	-1.17	-107.33	1.64	496.59	10.06	55.26	451.40	-141.23
		1939	12.51	-2.34	-106.74	-2.35	-106.73	1.15	488.44	-3.59	10.95	473.90	-83.32
		1940	16.92	-0.39	-103.42	-0.39	-103.41	0.43	792.57	15.67	18.57	789.68	-47.35
		273	16.06	1.55	-106.22	1.55	-106.22	0.06	755.00	72.52	84.57	742.96	-89.85
1558	16	273	27.42	6.02	-214.40	3.63	-212.01	-22.83	1169.65	114.74	115.47	1168.91	-27.82
		1940	27.10	-4.34	-203.73	-5.46	-202.60	-14.96	1116.62	-40.77	-40.57	1116.42	15.44
		1932	31.68	-41.14	-220.52	-45.73	-215.93	-28.32	1538.92	225.53	233.21	1531.24	100.13
		5	31.11	-30.68	-205.94	-33.63	-202.99	-22.55	1578.11	325.19	325.28	1578.03	-10.18
1558	48	273	18.10	2.06	-131.62	0.93	-130.49	-12.23	822.03	93.35	99.17	816.20	-64.89
		1940	18.59	-0.33	-121.23	-0.48	-121.08	-4.27	813.38	-48.70	-46.98	811.66	-38.47
		1932	23.52	-22.97	-137.14	-25.70	-134.41	-17.47	1220.95	166.17	170.98	1216.14	71.12
		5	22.28	-19.66	-122.82	-21.03	-121.46	-11.78	1215.27	252.48	252.97	1214.78	-21.89
1558	80	273	17.40	1.76	-125.32	0.72	-124.28	-11.42	795.77	91.35	97.92	789.19	-67.72
		1940	17.95	3.54e-03	-114.98	-0.10	-114.87	-3.46	790.50	-49.63	-47.47	788.33	-42.60
		1932	22.90	-21.58	-130.80	-24.18	-128.20	-16.64	1196.62	161.61	166.22	1192.01	68.89
		5	21.60	-18.82	-116.50	-20.07	-115.26	-10.96	1187.51	246.89	247.44	1186.96	-22.79
1559	11	6	281.32	-60.54	-406.95	-162.90	-304.59	-158.05	164.78-1.749e+04	-2024.78-1.530e+04			-5819.26
		1934	130.28	71.31	-71.85	-70.45	69.91	14.10	6108.45	-3313.03	-3202.57	5997.99	1014.17
		1933	86.76	52.01	-160.84	2.03	-110.87	-90.22	553.36	-5059.23	546.07	-5051.94	-202.09
		260	78.85	92.88	-117.73	88.72	-113.57	-29.30	2765.83	-2968.04	-568.04	365.83	2828.66
1559	43	6	273.73	-47.17	-360.42	-127.57	-280.02	-136.82	940.93-1.669e+04	-1076.04-1.468e+04			-5612.73
		1934	121.44	103.68	-41.44	-32.23	94.47	35.37	6258.20	-2315.06	-2223.05	6166.18	883.41
		1933	86.47	30.72	-127.79	-10.76	-86.31	-69.67	433.32	-5187.58	373.39	-5127.65	-577.29
		260	78.73	80.49	-89.46	80.05	-89.01	-8.70	3084.59	-2763.31	-511.54	832.82	2845.64
1559	75	6	273.18	-46.15	-356.92	-124.94	-278.13	-135.20	1000.72-1.663e+04	-1003.34-1.463e+04			-5596.89
		1934	120.82	106.44	-39.47	-29.39	96.36	37.00	6269.71	-2238.63	-2148.00	6179.08	873.43
		1933	86.49	29.11	-125.26	-11.73	-84.42	-68.09	426.23	-5199.48	360.17	-5133.42	-606.04
		260	78.74	79.68	-87.43	79.38	-87.13	-7.11	3109.49	-2748.13	-507.25	868.61	2846.87
1560	6	1942	56.90	133.53	-508.37	-495.87	121.02	-88.70	3304.40	373.05	1000.83	2676.62	1202.55
		66	57.45	74.16	-531.44	-503.33	46.05	-127.40	-247.19	-2664.50	-248.01	-2663.67	44.76
		712	13.59	162.14	-63.63	15.68	82.83	-107.78	554.44	47.36	60.55	541.25	80.71
		1943	23.81	189.53	-71.95	21.41	96.17	-125.28	-231.47	-1254.16	-464.44	-1021.19	-428.93
1560	38	1942	53.61	85.24	-220.23	-217.45	82.47	-29.00	3431.23	382.30	946.29	2867.23	1183.85
		66	41.70	25.89	-241.55	-223.15	7.49	-67.70	-297.81	-2465.90	-298.82	-2464.89	46.78
		712	12.62	74.45	-32.32	-2.14	44.27	-48.07	729.37	62.77	75.36	716.78	90.73
		1943	19.21	100.97	-41.58	1.78	57.61	-65.58	-170.59	-1136.23	-453.17	-853.65	-439.34
1560	70	1942	53.49	81.66	-198.25	-196.10	79.51	-24.42	3441.18	382.67	942.11	2881.74	1182.41
		66	40.59	22.32	-219.45	-201.66	4.53	-63.12	-301.69	-2450.84	-302.72	-2449.81	46.92
		712	12.64	67.83	-30.02	-3.51	41.32	-43.49	742.66	63.92	76.47	730.10	91.45
		1943	18.87	94.24	-39.32	0.27	54.65	-61.00	-165.47	-1127.71	-452.30	-840.89	-440.14
1561	7	1943	10.64	-57.09	-123.27	-57.09	-123.26	-0.70	403.34	121.81	127.58	397.57	39.88
		712	9.75	-36.07	-171.99	-41.05	-167.02	25.53	50.51	-171.57	-167.81	46.74	-28.66
		715	11.38	53.67	-165.16	53.21	-164.69	10.09	128.21	34.58	37.73	125.06	-16.89
		1946	11.14	-13.49	-157.16	-13.58	-157.07	3.68	231.89	-20.53	-18.65	230.01	-21.69
1561	38	1943	5.42	104.47	35.72	35.73	104.46	-0.92	127.95	48.82	114.04	62.73	-30.12
		712	6.44	68.69	-19.53	-11.54	60.71	25.32	-12.72	-263.08	-185.48	-90.32	-115.78
		715	3.82	64.60	0.98	2.55	63.03	9.87	28.52	-29.13	21.15	-21.77	-19.24
		1946	4.93	70.82	-0.56	-0.39	70.65	3.46	-57.36	-132.38	-74.91	-114.83	-31.76
1561	70	1943	5.27	98.30	33.20	33.21	98.28	-0.91	128.47	57.73	114.41	71.79	-28.23
		712	6.21	63.03	-20.84	-12.34	54.53	25.32	-12.17	-259.44	-185.00	-86.61	-113.43
		715	3.45	58.63	2.14	3.92	56.85	9.88	29.40	-25.59	21.60	-17.80	-19.18
		1946	4.51	64.66	-0.93	-0.75	64.48	3.47	-54.10	-124.79	-73.39	-105.50	-31.49
1562	7	1946	9.93	-2.70	-179.56	-2.79	-179.47	-3.95	119.83	-41.30	13.05	65.48	-76.18
		715	12.34	21.22	-190.59	20.69	-190.05	10.64	137.79	-92.01	-48.65	94.43	-89.91
		717	11.19	13.41	-193.72	13.38	-193.70	2.14	107.79	-35.38	3.45	68.96	-63.65

		1402	10.17	-16.43	-193.90	-16.51	-193.82	-3.73	85.84	-29.59	1.39	54.86	-51.15
1562	39	1946	4.92	-0.60	-87.73	-0.65	-87.68	-2.15	76.63	-29.32	13.16	34.15	-51.93
		715	7.01	11.68	-99.67	10.27	-98.26	12.44	86.71	-80.65	-47.83	53.89	-66.45
		717	5.95	8.58	-102.05	8.44	-101.91	3.94	60.37	-34.40	-2.04	28.01	-44.94
		1402	5.30	-8.65	-102.07	-8.69	-102.03	-1.93	44.59	-23.56	-2.12	23.15	-31.64
1562	71	1946	4.54	-0.44	-80.69	-0.49	-80.64	-2.01	73.43	-28.45	13.17	31.81	-50.08
		715	6.62	11.02	-92.77	9.47	-91.22	12.58	82.85	-79.78	-47.76	50.84	-64.67
		717	5.55	8.22	-95.03	8.06	-94.87	4.08	56.85	-34.38	-2.45	24.92	-43.52
		1402	4.93	-8.05	-95.02	-8.09	-94.99	-1.79	41.51	-23.11	-2.39	20.78	-30.16
1563	7	1402	10.37	-12.23	-205.94	-12.23	-205.94	-9.32e-03	65.96	-44.87	2.45	18.64	-54.82
		717	11.14	4.36	-207.28	4.12	-207.04	7.16	66.51	-68.06	-20.60	19.05	-64.30
		719	11.02	8.37	-210.47	8.29	-210.40	4.14	63.70	-59.16	-1.76	6.30	-61.30
		1944	10.56	-8.42	-211.38	-8.42	-211.38	-0.16	62.72	-44.49	7.50	10.73	-53.58
1563	39	1402	5.40	-5.82	-108.40	-5.82	-108.40	-0.38	38.16	-32.24	2.11	3.80	-35.19
		717	6.06	2.92	-109.92	2.51	-109.51	6.78	42.19	-53.84	-18.44	6.79	-46.33
		719	5.87	4.66	-112.98	4.54	-112.86	3.77	35.41	-46.26	-4.71	-6.14	-40.83
		1944	5.75	-4.15	-113.85	-4.15	-113.84	-0.53	31.12	-32.30	3.46	-4.64	-31.45
1563	71	1402	5.02	-5.33	-100.93	-5.33	-100.92	-0.41	36.12	-31.28	2.09	2.76	-33.70
		717	5.68	2.82	-102.46	2.38	-102.03	6.75	40.40	-52.73	-18.28	5.95	-44.96
		719	5.49	4.38	-105.51	4.25	-105.38	3.74	33.32	-45.25	-4.93	-6.99	-39.27
		1944	5.40	-3.82	-106.37	-3.82	-106.36	-0.56	28.81	-31.39	3.15	-5.73	-29.77
1564	7	1944	12.28	-9.20	-228.02	-9.28	-227.94	4.17	25.34	-104.76	-5.76	-73.66	-55.49
		719	12.38	3.04	-227.59	2.72	-227.27	8.60	27.37	-109.63	-14.13	-68.14	-62.95
		721	12.80	6.12	-230.05	5.87	-229.80	7.71	28.59	-106.67	-1.77	-76.30	-56.44
		1401	12.67	-5.55	-230.56	-5.63	-230.48	4.11	27.66	-105.20	3.62	-81.16	-51.14
1564	39	1944	6.70	-4.52	-122.65	-4.54	-122.63	1.54	15.45	-61.93	-2.45	-44.03	-32.63
		719	6.68	1.77	-122.25	1.48	-121.96	5.97	18.54	-69.80	-11.12	-40.14	-41.72
		721	7.03	3.18	-124.69	2.98	-124.49	5.08	15.99	-68.88	-3.77	-49.12	-35.87
		1401	7.02	-2.61	-125.19	-2.63	-125.17	1.48	14.34	-64.91	1.78	-52.35	-28.94
1564	71	1944	6.28	-4.16	-114.57	-4.17	-114.56	1.34	14.69	-58.70	-2.20	-41.81	-30.89
		719	6.24	1.67	-114.17	1.38	-113.89	5.77	17.87	-66.80	-10.89	-38.04	-40.10
		721	6.58	2.95	-116.61	2.75	-116.42	4.87	15.03	-66.03	-3.92	-47.09	-34.30
		1401	6.59	-2.38	-117.11	-2.40	-117.09	1.28	13.34	-61.88	1.65	-50.19	-27.25
1565	8	1401	13.72	-9.42	-256.17	-9.94	-255.64	11.35	6.03	-91.38	-4.40	-80.95	-30.12
		721	13.80	0.13	-255.95	-0.75	-255.08	14.97	7.04	-92.69	-9.77	-75.88	-37.33
		723	14.21	4.37	-258.42	3.47	-257.52	15.31	5.98	-95.73	-4.75	-85.00	-31.25
		1945	14.10	-4.80	-258.27	-5.31	-257.76	11.39	4.70	-97.45	-2.49	-90.27	-26.12
1565	40	1401	7.57	-4.66	-138.31	-4.84	-138.13	4.92	4.46	-59.22	-1.95	-52.81	-19.17
		721	7.55	0.11	-138.09	-0.42	-137.57	8.53	5.57	-62.66	-7.65	-49.43	-26.97
		723	7.89	2.14	-140.57	1.58	-140.01	8.88	2.68	-66.53	-4.95	-58.90	-21.67
		1945	7.88	-2.24	-140.42	-2.42	-140.25	4.95	2.80	-66.38	-1.09	-62.48	-15.95
1565	72	1401	7.10	-4.29	-129.28	-4.45	-129.13	4.43	4.34	-56.72	-1.76	-50.62	-18.32
		721	7.07	0.10	-129.06	-0.40	-128.56	8.04	5.47	-60.33	-7.49	-47.37	-26.17
		723	7.40	1.97	-131.53	1.44	-131.01	8.39	2.42	-64.26	-4.96	-56.87	-20.92
		1945	7.41	-2.05	-131.39	-2.20	-131.24	4.46	2.66	-63.97	-0.99	-60.32	-15.16
1566	3	1945	16.48	-11.49	-269.92	-12.59	-268.82	16.83	-10.79	-236.65	-17.03	-230.41	-37.02
		723	16.41	-1.03	-270.53	-2.68	-268.87	21.05	-11.54	-217.64	-19.13	-210.05	-38.79
		725	17.02	7.76	-273.60	5.91	-271.76	22.70	-4.44	-222.13	-7.41	-219.16	-25.26
		1403	17.14	-2.78	-274.10	-3.92	-272.96	17.54	-3.42	-243.34	-6.08	-240.68	-25.11
1566	35	1945	9.06	-5.57	-147.03	-5.97	-146.64	7.49	-4.16	-131.87	-7.76	-128.27	-21.13
		723	8.98	-0.75	-147.63	-1.68	-146.69	11.71	-6.15	-123.31	-11.80	-117.66	-25.11
		725	9.43	3.45	-150.74	2.28	-149.58	13.35	-4.93	-130.12	-7.01	-128.05	-15.99
		1403	9.57	-1.46	-151.23	-1.91	-150.78	8.20	-1.84	-141.18	-3.20	-139.82	-13.67
1566	67	1945	8.49	-5.11	-137.59	-5.46	-137.24	6.77	-3.66	-123.94	-7.06	-120.54	-19.93
		723	8.41	-0.72	-138.19	-1.61	-137.30	10.99	-5.73	-116.19	-11.25	-110.67	-24.07
		725	8.85	3.12	-141.30	2.00	-140.18	12.64	-4.97	-123.16	-6.98	-121.15	-15.29
		1403	8.99	-1.36	-141.78	-1.76	-141.39	7.48	-1.73	-133.45	-2.98	-132.19	-12.80
1567	3	1403	20.59	-12.36	-327.64	-17.59	-322.40	40.30	-16.47	-316.04	-16.59	-315.93	-5.86
		725	21.15	11.70	-334.89	3.66	-326.84	52.20	-24.18	-302.61	-25.41	-301.39	-18.44
		65	19.72	-43.05	-327.90	-52.09	-318.86	49.93	-65.51	-326.18	-65.78	-325.91	-8.35
		1941	20.82	-68.98	-353.08	-79.32	-342.74	53.21	-62.74	-340.70	-63.12	-340.31	10.40
1567	35	1403	11.22	-4.67	-175.89	-6.43	-174.12	17.27	-5.61	-175.49	-5.78	-175.32	-5.42
		725	11.53	4.87	-183.20	0.23	-178.56	29.18	-14.85	-167.76	-15.82	-166.80	-12.10
		65	10.71	-24.14	-175.53	-29.09	-170.58	26.91	-37.98	-187.87	-38.14	-187.71	-4.93
		1941	11.92	-36.20	-200.22	-41.96	-194.46	30.18	-33.95	-196.43	-34.28	-196.09	7.35
1567	67	1403	10.50	-4.05	-164.24	-5.57	-162.73	15.50	-4.78	-164.85	-4.96	-164.67	-5.38
		725	10.80	4.35	-171.54	-0.03	-167.16	27.41	-14.14	-157.56	-15.09	-156.61	-11.61
		65	10.02	-22.69	-163.81	-27.32	-159.19	25.14	-35.90	-177.41	-36.05	-177.25	-4.67
		1941	11.23	-33.69	-188.47	-39.09	-183.06	28.41	-31.77	-185.51	-32.10	-185.18	7.12

Elem.		Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1.446e+04				-2062.34	-562.41	-2054.15	-479.15		-1.855e+04	-6532.99	-1.662e+04	-
		508.20	875.36		832.70	554.41	340.28	3.532e+04		1.328e+04	2.598e+04	8720.21

# VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

## LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto  $x/d$ , le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

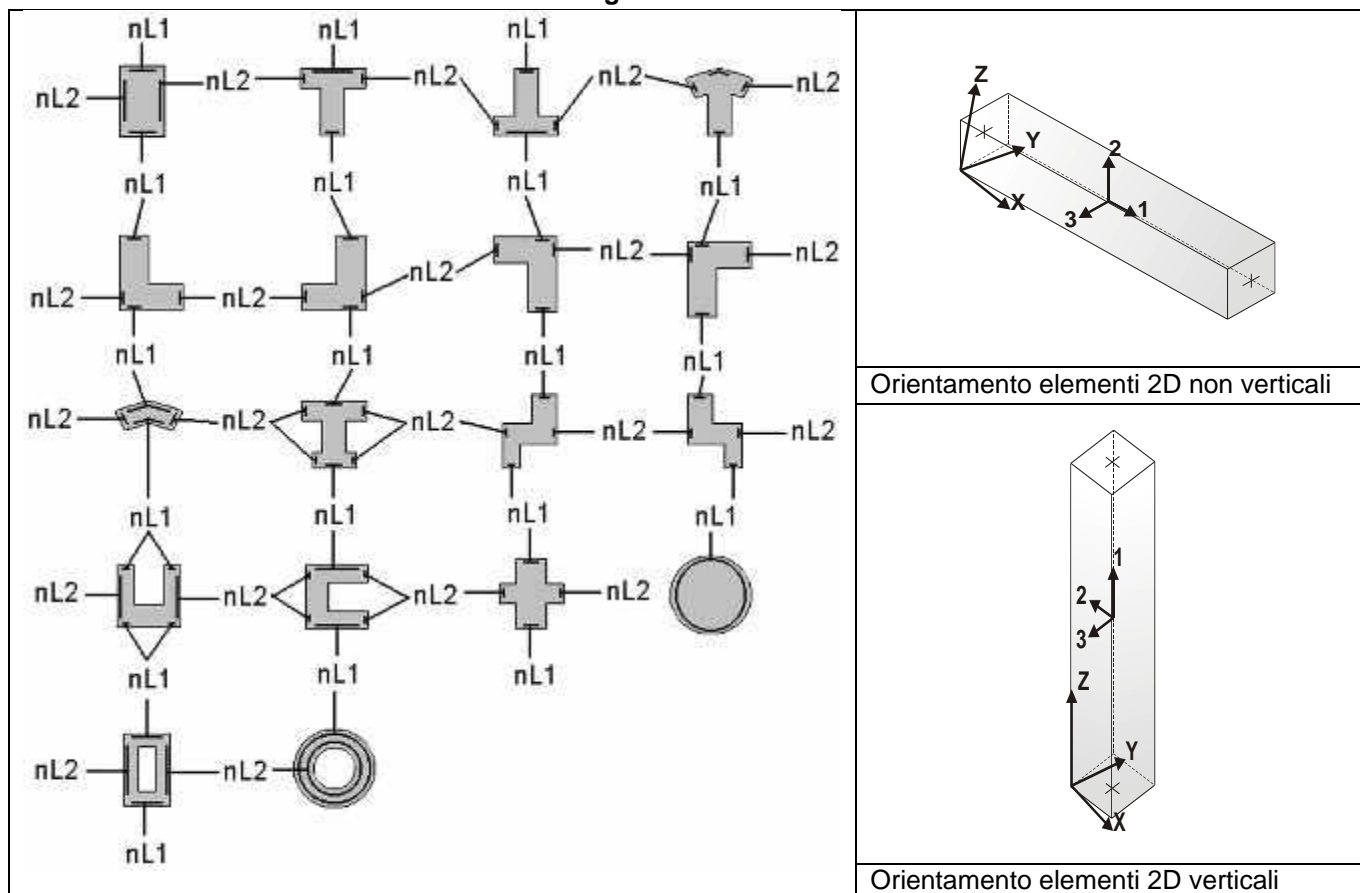
Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze (**G.R.**) vengono riportate le verifiche di sovrarresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

### Schema della distribuzione delle armature longitudinali



## PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

“Sia per CD“A” sia per CD“B” il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall’analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- [...];
- quella trasferita dagli elementi soprastanti nell’ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD“A” e 1,10 in CD“B”;

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO\_SAP mostra le sollecitazioni che derivano dall’analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO\_SAP (per travi e platee) o da PRO\_CAD Plinti (per plinti e pali di fondazione) incrementando la componente sismica delle combinazioni di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.

Per i bicchieri dei plinti di fondazione prefabbricati l’incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche di pali, plinti, plinti su pali, travi e platee vengono eseguita dal modulo geotecnico incrementando automaticamente le componenti sismiche delle sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA

N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

### Simbologia adottata nelle tabelle di verifica

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell’elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all’esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza $\lambda$ su $\lambda^*$ : valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto $E_d/R_d$ : valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto $N_{sd}/N_{rd}$ ed $N_{rd}$ calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto $V_{ed}/V_{rd}$ : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche di gerarchia delle resistenze dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	numero identificativo dell’elemento D2 pilastro
--------	---

sovr. Xi (Xf)	Verifica sovrarresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del $\gamma_{Rd}$ adottato
sovr. Yi (Yf)	Verifica sovrarresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del $\gamma_{Rd}$ adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

**Per le verifiche dei dettagli costruttivi relativi alla duttilità è presente una tabella con i simboli di seguito descritti:**  
**(Non presente nel caso di comportamento strutturale non dissipativo)**

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29
d <sub>mu</sub> _fi 2-2 (3-3)	Domanda in duttilità di curvatura in direzione 2 (3)
c <sub>mu</sub> _fi 2-2 (3-3)	Capacità in duttilità di curvatura in direzione 2 (3)
V. dutt. 2-2 (3-3)	Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3)

**Per le verifiche dei nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:**

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
B <sub>j2</sub> (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
H <sub>jc2</sub> (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio V <sub>jbd</sub> e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effettivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: <ul style="list-style-type: none"> <li>• SI il passo staffe è calcolato utilizzando la formula 7.4.10;</li> <li>• NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12;</li> <li>• NR calcolo passo staffe non richiesto;</li> </ul>
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

**Per le verifiche dei nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:**

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a trazione
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione
ver. (-)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a compressione
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione
AreaV2	Area resistente del nodo in direzione 2 ( $A_{j2}=b_{j2}*h_{jc2}$ ).
AreaV3	Area resistente del nodo in direzione 3 ( $A_{j3}=b_{j3}*h_{jc3}$ ).
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

**Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:**

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto $E_d/R_d$ : valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto $V_{ed}/V_{rd}$ : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

**Per le verifiche di gerarchia delle resistenze delle travi è presente una tabella con i simboli di seguito descritti:**

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
V <sub>Ed</sub> , min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
V <sub>Ed</sub> , max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
V <sub>r1</sub>	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

Per le verifiche a taglio ciclico di travi e pilastri esistenti è presente una tabella con i simboli di seguito descritti:

Trave/Pilastro	Numero identificativo dell'elemento D2 trave/pilastro
V. SLV	Codice relativo all'esito delle verifiche
Nodo	Numero identificativo del nodo di verifica
Ver. VC	Fattore di sicurezza nei confronti della verifica a taglio ciclico (verificato se < 1.00)
Direz.	Direzione di verifica
N fr	Valore di sforzo normale calcolato con fattore di comportamento fragile
V fr	Valore di taglio calcolato con fattore di comportamento fragile
M fr	Valore di momento calcolato con fattore di comportamento fragile
N dutt	Valore di sforzo normale calcolato con fattore di comportamento duttile
LV	Lunghezza di taglio
Mud,pl	Parte plastica della domanda di duttilità
V cic	Resistenza a taglio in condizioni cicliche (C8.7.2.8)
Cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

Pilas.	V. SLV	Nodo	Ver. VC	Direz.	N fr daN	V fr daN	M fr daN cm	N dutt daN	LV cm	mud,pl	V cic daN	Cmb
5	ok	9	0.08	2	-6801.44	2267.19	4.094e+05	-6801.44	180.55	0.0	1.346e+04	6
		10	0.08	2	-5091.44	2267.19	4.239e+05	-5091.44	199.45	0.0	1.294e+04	6
10	ok	19	0.03	2	-6293.95	434.10	5.755e+04	-6293.95	132.58	0.0	6545.85	6
		20	0.03	2	-5762.70	434.10	8.462e+04	-5762.70	207.42	0.0	6402.94	6
12	ok	23	0.02	2	-2.086e+04	214.91	3.611e+04	-2.086e+04	167.98	0.0	5050.27	5
		24	0.02	2	-2.024e+04	214.91	4.618e+04	-2.024e+04	232.02	0.0	4853.67	5
13	ok	25	0.01	2	-2.135e+04	132.85	2.502e+04	-2.135e+04	188.32	0.0	4839.10	8
		26	0.01	2	-2.073e+04	132.85	2.584e+04	-2.073e+04	211.68	0.0	4762.49	8
21	ok	41	0.03	2	-1.353e+04	334.05	3.783e+04	-1.353e+04	126.09	0.0	4912.00	6
		42	0.03	2	-1.303e+04	334.05	5.443e+04	-1.303e+04	193.91	0.0	4657.85	6
22	ok	43	0.06	2	-1.137e+04	651.27	8.405e+04	-1.137e+04	128.88	0.0	4813.35	5
		44	0.06	2	-1.087e+04	651.27	1.165e+05	-1.087e+04	191.12	0.0	4606.41	5
24	ok	47	0.05	2	-5774.94	639.42	7.343e+04	-5774.94	108.60	0.0	3988.69	4
		48	0.05	2	-5406.78	639.42	1.065e+05	-5406.78	175.43	0.0	3412.21	4
25	ok	49	0.03	2	-2826.09	384.84	4.688e+04	-2826.09	120.07	0.0	3502.03	5
		50	0.03	2	-2457.93	384.84	6.482e+04	-2457.93	171.31	0.0	3306.33	5
26	ok	51	0.03	2	-8720.29	514.18	6.132e+04	-8720.29	118.13	0.0	3590.79	5
		52	0.03	2	-8352.13	514.18	8.676e+04	-8352.13	170.53	0.0	3305.60	5
27	ok	53	0.05	2	-6217.36	671.14	7.518e+04	-6217.36	112.91	0.0	3604.38	7
		54	0.05	2	-5873.75	671.14	1.045e+05	-5873.75	154.94	0.0	3255.68	7
28	ok	55	0.02	2	-8409.92	215.87	3.247e+04	-8409.92	147.00	0.0	2375.91	7
		56	0.02	2	-8017.22	215.87	3.396e+04	-8017.22	161.06	0.0	2332.37	7
29	ok	57	0.02	2	-7587.02	170.68	3.135e+04	-7587.02	169.59	0.0	2303.67	7
		58	0.02	2	-7194.32	170.68	2.123e+04	-7194.32	142.60	0.0	2345.35	7
30	ok	59	0.05	2	-2951.83	517.49	8.624e+04	-2951.83	166.61	0.0	4358.56	6
		60	0.05	2	-2451.83	517.49	7.293e+04	-2451.83	153.39	0.0	4346.08	6
31	ok	61	0.06	2	-5785.41	605.56	9.166e+04	-5785.41	151.32	0.0	4504.46	6
		62	0.06	2	-5316.66	605.56	8.249e+04	-5316.66	148.68	0.0	4488.22	6
48	ok	63	0.03	2	-5838.00	299.71	3.697e+04	-5838.00	123.36	0.0	4600.18	5
		64	0.03	2	-5330.19	299.71	5.669e+04	-5330.19	201.64	0.0	4418.42	5
62	ok	68	0.05	2	-6427.51	853.10	8.131e+04	-6427.51	95.25	0.0	7364.54	8
		69	0.05	2	-5990.01	853.10	1.471e+05	-5990.01	184.75	0.0	6436.42	8
79	ok	32	0.11	2	-337.35	1183.92	1.536e+04	-337.35	25.39	0.0	6060.69	15
		16	0.11	2	-269.05	1183.93	7513.21	-269.05	18.32	0.0	6195.17	15
80	ok	34	0.01	2	-302.23	177.22	3.073e+04	-302.23	173.26	0.0	6210.93	7
		32	0.01	2	253.98	177.42	3.021e+04	253.98	182.71	0.0	6196.77	7
Pilas.			Ver. VC									
			0.11									

< TABELLA VERIFICHE POST-OPERAM >

Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI

Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili

**< TABELLA VERIFICHE POST-OPERAM >**

Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.

Elementi non rinforzati

<b>M_P= 1      X=1938.7 Y=-334.6</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
			cm						L=cm				
	30s=1,m=159	ok,ok	0.0	0.99	0.32	4d14 0+0 d14	0.41	0.062+2d8/15	L=320	0.08	0.06	6,8,6,6	
			160.0	0.99	0.32	4d14 0+0 d14	0.09	0.062+2d8/15	L=320	0.08	0.06	7,8,6,6	
	[b=1.0;1.0]		320.0	0.99	0.32	4d14 0+0 d14	0.42	0.052+2d8/15	L=320	0.08	0.06	6,8,6,6	
<b>M_P= 2      X=2231.4 Y=-87.6</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	31s=1,m=159	ok,ok	0.0	0.99	0.40	4d14 0+0 d14	0.38	0.112+2d8/15	L=300	0.10	0.07	6,18,6,6	
			150.0	0.99	0.40	4d14 0+0 d14	0.12	0.102+2d8/15	L=300	0.10	0.07	4,18,6,6	
	[b=1.0;1.0]		300.0	0.99	0.40	4d14 0+0 d14	0.44	0.102+2d8/15	L=300	0.10	0.07	6,18,6,6	
<b>M_P= 3      X=705.9 Y=-64.9</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	27s=5,m=159	ok,ok	0.0	1.88	0.52	0d0 6+0 d14	0.32	0.152+2d8/15	L=280	0.11	0.07	7,25,7,7	
			140.0	1.88	0.52	0d0 6+0 d14	0.14	0.152+2d8/15	L=280	0.11	0.07	17,25,7,7	
	[b=1.0;1.0]		280.0	1.88	0.52	0d0 6+0 d14	0.45	0.152+2d8/15	L=280	0.11	0.07	7,25,7,7	
<b>M_P= 4      X=1247.8 Y=-29.3</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	26s=5,m=159	ok,ok	0.0	1.88	0.64	0d0 6+0 d14	0.24	0.202+2d8/15	L=300	0.07	0.06	5,25,5,2	
			150.0	1.88	0.64	0d0 6+0 d14	0.09	0.202+2d8/15	L=300	0.07	0.06	3,25,5,2	
	[b=1.0;1.0]		300.0	1.88	0.64	0d0 6+0 d14	0.34	0.192+2d8/15	L=300	0.07	0.06	5,25,5,2	
<b>M_P= 5      X=1719.8 Y=27.4</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	29s=5,m=159	ok,ok	0.0	1.25	0.63	0d0 4+0 d14	0.16	0.182+2d6/13	L=320	0.05	0.05	6,27,7,6	
			160.0	1.25	0.63	0d0 4+0 d14	0.09	0.172+2d6/13	L=320	0.05	0.05	27,27,7,6	
	[b=1.0;1.0]		320.0	1.25	0.63	0d0 4+0 d14	0.13	0.172+2d6/13	L=320	0.05	0.05	6,27,7,6	
<b>M_P= 6      X=15.3 Y=41.0</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	24s=5,m=159	ok,ok	0.0	2.51	0.54	0d0 8+0 d14	0.27	0.152+2d8/15	L=300	0.13	0.07	8,25,31,7	
			150.0	2.51	0.54	0d0 8+0 d14	0.14	0.142+2d8/15	L=300	0.13	0.07	25,25,31,7	
	[b=1.0;1.0]		300.0	2.51	0.54	0d0 8+0 d14	0.44	0.142+2d8/15	L=300	0.13	0.07	15,25,31,7	
<b>M_P= 7      X=563.2 Y=56.9</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	25s=5,m=159	ok,ok	0.0	2.51	0.38	0d0 8+0 d14	0.17	0.072+2d8/15	L=300	0.07	0.05	5,7,13,2	
			150.0	2.51	0.38	0d0 8+0 d14	0.05	0.072+2d8/15	L=300	0.07	0.05	4,7,13,2	
	[b=1.0;1.0]		300.0	2.51	0.38	0d0 8+0 d14	0.24	0.072+2d8/15	L=300	0.07	0.05	5,7,13,2	
<b>M_P= 8      X=560.2 Y=253.3</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	21s=1,m=159	ok,ok	0.0	0.99	0.72	4d14 0+0 d14	0.18	0.302+2d8/15	L=320	0.05	0.03	5,27,6,1	
			160.0	0.99	0.72	4d14 0+0 d14	0.14	0.302+2d8/15	L=320	0.05	0.03	27,27,6,1	
	[b=1.0;1.0]		320.0	0.99	0.72	4d14 0+0 d14	0.24	0.292+2d8/15	L=320	0.05	0.03	6,27,6,1	
<b>M_P= 9      X=1234.2 Y=305.8</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	22s=1,m=159	ok,ok	0.0	0.99	0.64	4d14 0+0 d14	0.31	0.242+2d8/15	L=320	0.07	0.06	2,19,2,5	
			160.0	0.99	0.64	4d14 0+0 d14	0.12	0.232+2d8/15	L=320	0.07	0.06	19,19,2,5	
	[b=1.0;1.0]		320.0	0.99	0.64	4d14 0+0 d14	0.43	0.232+2d8/15	L=320	0.07	0.06	2,19,2,5	
<b>M_P= 10      X=1603.8 Y=332.1</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	28s=5,m=159	ok,ok	0.0	1.25	0.66	0d0 4+0 d14	0.15	0.192+2d6/13	L=320	0.05	0.04	7,3,7,7	
			160.0	1.25	0.66	0d0 4+0 d14	0.10	0.192+2d6/13	L=320	0.05	0.04	3,3,7,7	
	[b=1.0;1.0]		320.0	1.25	0.66	0d0 4+0 d14	0.17	0.192+2d6/13	L=320	0.05	0.04	7,3,7,7	
<b>M_P= 11      X=557.8 Y=709.7</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	12s=1,m=159	ok,ok	0.0	1.29	1.04	4d16 0+0 d16	0.16	0.412+2d8/15	L=400	0.02	0.02	26,26,2,5	
			200.0	1.29	1.04	4d16 0+0 d16	0.16	0.402+2d8/15	L=400	0.02	0.02	26,26,2,5	
	[b=1.0;1.0]		400.0	1.29	1.04	4d16 0+0 d16	0.16	0.402+2d8/15	L=400	0.02	0.02	5,26,2,5	
<b>M_P= 12      X=1215.9 Y=750.1</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	13s=1,m=159	ok,ok	0.0	0.99	1.03	4d14 0+0 d14	0.17	0.402+2d8/15	L=400	0.02	0.02	20,20,7,4	
			200.0	0.99	1.03	4d14 0+0 d14	0.17	0.392+2d8/15	L=400	0.02	0.02	20,20,7,4	
	[b=1.0;1.0]		400.0	0.99	1.03	4d14 0+0 d14	0.17	0.392+2d8/15	L=400	0.02	0.02	20,20,7,4	
<b>M_P= 13      X=1176.9 Y=1244.0</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	48s=1,m=159	ok,ok	0.0	0.99	0.53	4d14 0+0 d14	0.15	0.162+2d8/15	L=325	0.04	0.03	5,7,1,5	
			162.5	0.99	0.53	4d14 0+0 d14	0.09	0.162+2d8/15	L=325	0.04	0.03	7,7,1,5	
	[b=1.0;1.0]		325.0	0.99	0.53	4d14 0+0 d14	0.24	0.152+2d8/15	L=325	0.04	0.03	5,7,1,5	
<b>M_P= 14      X=1262.5 Y=1268.4</b>													
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V	V/T acc	Rif. cmb
	5s=2,m=159	ok,ok	0.0	0.68	0.27	4d14 4+0 d14	0.41	0.042+3d8/15	L=380	0.12	0.12	14,9,13,13	

			190.0	0.68	0.27	4d14 4+0 d14	0.16	0.042+3d8/15 L=380	0.12	0.12	15,9,13,13	
[b=1.0;1.0]			380.0	0.68	0.27	4d14 4+0 d14	0.47	0.032+3d8/15 L=380	0.12	0.12	14,9,13,13	
			<b>M_P= 15</b>		<b>X=505.0 Y=1573.8</b>							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
10s=1,m=159		ok,ok	0.0	1.29	0.49	4d16 0+0 d16	0.19	0.122+2d8/10 L=340	0.05	0.03	6,16,14,14	
			170.0	1.29	0.49	4d16 0+0 d16	0.07	0.122+2d8/10 L=340	0.05	0.03	8,16,14,14	
[b=1.0;1.0]			340.0	1.29	0.49	4d16 0+0 d16	0.27	0.122+2d8/10 L=340	0.05	0.03	6,16,14,14	
			<b>M_P= 16</b>		<b>X=694.0 Y=1596.7</b>							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
80s=1,m=159		ok,ok	0.0	1.29	0.23	4d16 0+0 d16	0.12	0.022+2d8/10 L=356	0.02	0.01	7,13,15,7	
			178.0	1.29	0.23	4d16 0+0 d16	0.05	0.022+2d8/10 L=356	0.02	0.01	13,13,15,7	
[b=1.0;1.0]			356.0	1.29	0.23	4d16 0+0 d16	0.13	0.012+2d8/10 L=356	0.02	0.01	7,13,15,7	
79s=1,m=159		ok,ok	356.0	0.99	0.02	4d14 0+0 d20	0.24	0.01 2+2d8/15 L=44	0.54	0.36	9,6,11,16	
			377.8	0.99	0.02	4d14 0+0 d20	0.22	0.01 2+2d8/15 L=44	0.54	0.36	14,6,11,16	
[b=1.0;1.0]			399.7	0.99	0.02	4d14 0+0 d20	0.20	0.01 2+2d8/15 L=44	0.54	0.36	14,6,11,16	
			<b>M_P= 17</b>		<b>X=1291.0 Y=1611.3</b>							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
62s=1,m=159		ok,ok	0.0	1.29	0.39	4d16 0+0 d16	0.27	0.122+2d8/10 L=280	0.11	0.06	8,8,7,4	
			140.0	1.29	0.39	4d16 0+0 d16	0.13	0.112+2d8/10 L=280	0.11	0.06	7,8,7,4	
[b=1.0;1.0]			280.0	1.29	0.39	4d16 0+0 d16	0.47	0.112+2d8/10 L=280	0.11	0.06	4,8,7,4	
<b>Pilas.</b>				<b>%Af</b>	<b>r. snell.</b>	<b>V N/M</b>		<b>V N sis</b>	<b>V V/T clsV V/T acc</b>			
				2.51	1.04	0.47		0.41	0.54 0.36			

**< TABELLA VERIFICHE ANTE-OPERAM >**

Elementi ante rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI

Elementi ante rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili

			<b>M_T= 7</b>				<b>Z=400.0</b>	<b>P=11</b>	<b>P=12</b>		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
		cm									L=cm
32	NV,ok	0.0	0.50	9.2	9.2	0.0	0.0	1.19	0.24	0.75	2d8/15 L=668 7,16,8
	s=6,m=159	346.1	0.50	9.2	9.2	0.0	0.0	0.87	0.03	0.04	2d8/15 L=668 7,16,5
		692.2	0.50	9.2	9.2	0.0	0.0	1.57	0.27	0.83	2d8/15 L=668 7,16,5
33	NV,ok	0.0	0.50	9.2	9.2	0.0	0.0	1.48	0.24	0.78	2d8/15 L=632 7,7,7
	s=6,m=159	329.7	0.50	9.2	9.2	0.0	0.0	0.66	0.01	0.01	2d8/15 L=632 7,2,7
		659.3	0.50	9.2	9.2	0.0	0.0	1.32	0.23	0.74	2d8/15 L=632 3,3,6
34	NV,ok	0.0	0.50	9.2	9.2	0.0	0.0	1.50	0.26	0.79	2d8/15 L=655 3,12,15
	s=6,m=159	339.2	0.50	9.2	9.2	0.0	0.0	0.78	0.04	0.04	2d8/15 L=655 8,24,15
		678.3	0.50	9.2	9.2	0.0	0.0	1.10	0.24	0.72	2d8/15 L=655 8,28,14
			<b>M_T= 1</b>				<b>Z=320.0</b>	<b>P=8</b>	<b>P=10</b>		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
67	NV,NV	0.0	0.71	7.7	10.7	0.0	0.0	0.22	0.18	0.55	2d6/15 L=532 5,5,28
	s=8,m=159	272.7	0.51	7.7	7.7	0.0	0.0	0.60	0.13	0.27	2d6/15 L=532 6,25,25
		545.4	0.71	7.7	10.7	0.0	0.0	1.01	0.29	1.04	2d6/15 L=532 5,5,25
61	ok,NV	0.0	0.71	7.7	10.7	0.0	0.0	0.44	0.22	0.82	2d6/15 L=536 26,28,32
	s=8,m=159	274.6	0.51	7.7	7.7	0.0	0.0	0.75	0.06	0.14	2d6/15 L=536 2,29,29
		549.2	0.71	7.7	10.7	0.0	0.0	0.84	0.26	1.02	2d6/15 L=536 2,13,29
			<b>M_T= 21</b>				<b>Z=314.7</b>	<b>N=30</b>	<b>N=31</b>		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
82	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.53	0.19	0.44	2d8/15 L=615 7,7,7
	s=7,m=159	307.3	0.46	9.2	9.2	0.0	0.0	0.65	0.07	0.06	2d8/15 L=615 7,7,6
		614.5	0.61	9.2	12.3	0.0	0.0	0.75	0.21	0.52	2d8/15 L=615 13,7,6
<b>Trave</b>			<b>%Af</b>	<b>Af inf.</b>	<b>Af. sup</b>	<b>Af long.</b>	<b>x/d</b>	<b>V N/M</b>	<b>V V/T cls</b>	<b>V V/T acc</b>	
			0.71	9.23	12.30	0.0	0.0	1.57	0.29	1.04	

Trave	M negativo	iM positivo	iM negativo	fM positivo	fLuce per V	V M-i	M+f	V M+i	M-f	VEd,min	VEd,max	Vr1	As
	daN	cm	daN	cm	daN	cm	daN	daN	daN	daN	daN	daN	cm2
32	1.024e+06	1.024e+06	1.024e+06	1.024e+06	668.46	2161.84	2161.84	0.0	0.0	0.0	0.0	0.0	0.0
33	1.024e+06	1.024e+06	1.024e+06	1.024e+06	631.64	2287.87	2287.87	0.0	0.0	0.0	0.0	0.0	0.0
34	1.024e+06	1.024e+06	1.024e+06	1.024e+06	654.97	2206.36	2206.36	0.0	0.0	0.0	0.0	0.0	0.0
61	1.150e+06	8.516e+05	1.150e+06	8.516e+05	535.58	2650.46	2650.46	0.0	0.0	0.0	0.0	0.0	0.0
67	1.150e+06	8.516e+05	1.150e+06	8.516e+05	531.56	2670.54	2670.54	0.0	0.0	0.0	0.0	0.0	0.0
82	1.326e+06	1.025e+06	1.326e+06	1.025e+06	614.51	2702.83	2702.83	0.0	0.0	0.0	0.0	0.0	0.0
Trave	M negativo	iM positivo	iM negativo	fM positivo	f	V M-i	M+f	V M+i	M-f	VEd,min	VEd,max	Vr1	As
										0.0			
	1.326e+06	1.025e+06	1.326e+06	1.025e+06		2702.83	2702.83			0.0		0.0	0.0

Trave	V. SLV	Nodo	Ver. VC	Direz.	N fr daN	V fr daN	M fr daN cm	N dutt daN	LV cm	mud,pl	V cic daN	Cmb
7	ok	20	0.03	2	122.31	324.47	1.611e+04	122.31	57.32	0.0	8463.80	14
		15	0.04	2	-674.26	407.65	5.181e+04	-674.26	200.62	0.0	5125.48	15
16	ok	16	0.04	2	591.47	447.28	3.818e+04	591.47	103.31	0.0	5995.40	6
		13	0.05	2	-976.60	457.73	5.944e+04	-976.60	187.32	0.0	5139.61	7
32	ok	22	0.75	2	-803.13	7845.71	7.840e+05	-803.13	118.38	0.0	1.093e+04	8
		24	0.83	2	-6201.22	8774.54	1.046e+06	-6201.22	147.14	0.0	9669.46	5
33	ok	24	0.78	2	1695.66	8189.18	9.502e+05	1695.66	150.63	0.0	9005.67	7
		26	0.74	2	-7098.04	7811.22	8.631e+05	-7098.04	141.16	0.0	1.010e+04	6
34	ok	26	0.79	2	-70.16	8284.71	9.688e+05	-70.16	149.01	0.0	9103.67	15
		28	0.72	2	-4398.14	7529.47	7.333e+05	-4398.14	119.77	0.0	1.118e+04	14
37	ok	6	0.37	2	-751.70	7734.65	3.787e+05	-751.70	54.33	0.0	3.252e+04	16
		8	0.34	2	-884.67	7198.88	2.490e+05	-884.67	36.31	0.0	3.588e+04	13
43	ok	64	0.04	2	2.098e+04	2321.91	1.535e+05	2.098e+04	93.39	0.0	2.184e+04	8
		1942	0.02	2	2.098e+04	888.64	4539.36	2.098e+04	4.86	0.0	2.681e+04	8
44	ok	26	0.31	2	-1307.43	1313.55	1.169e+05	-1307.43	117.06	0.0	6122.88	19
		44	0.26	2	-679.30	1105.02	7.738e+04	-679.30	87.10	0.0	7909.02	18
46	ok	31	0.13	2	3147.63	1375.31	1.162e+05	3147.63	105.21	0.0	6749.54	14
		24	0.15	2	-3371.83	1570.82	1.454e+05	-3371.83	113.10	0.0	6511.12	15
47	ok	42	0.11	2	-3560.01	1136.23	5.914e+04	-3560.01	61.03	0.0	9890.84	6
		24	0.13	2	-3089.65	1405.68	1.372e+05	-3089.65	125.82	0.0	5748.74	7
49	ok	64	0.12	2	-273.79	1220.31	7.630e+04	-273.79	74.41	0.0	8643.28	29
		26	0.13	2	345.74	1333.68	1.002e+05	345.74	90.81	0.0	7620.69	32
50	ok	18	0.25	2	-136.59	2681.38	1.177e+05	-136.59	49.14	0.0	9704.96	7
		20	0.33	2	-749.43	3425.76	3.201e+05	-749.43	113.47	0.0	6118.79	6
52	ok	56	0.47	2	-2811.93	2796.64	1.873e+05	-2811.93	84.17	0.0	6108.54	8
		46	0.44	2	3131.50	2603.02	2.339e+05	3131.50	106.00	0.0	4701.46	5
55	ok	60	0.08	2	520.18	856.97	8.485e+04	520.18	118.81	0.0	4630.55	7
		62	0.13	2	-216.44	1360.40	1.215e+05	-216.44	128.95	0.0	4483.78	6
61	NV	67	0.82	2	3959.56	4904.90	2.809e+05	3959.56	66.14	0.0	6782.67	32
		44	1.02	2	-2392.83	6076.17	6.012e+05	-2392.83	121.18	0.0	4067.80	29
63	ok	69	0.18	2	18.67	1159.73	9.316e+04	18.67	103.51	0.0	8682.51	19
		66	0.14	2	-1441.64	907.55	4.472e+04	-1441.64	59.23	0.0	1.156e+04	18
66	ok	48	0.51	2	-307.98	3068.76	2.844e+05	-307.98	44.60	0.0	7012.91	5
		1404	0.0	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
67	NV	33	0.55	2	1443.26	3267.13	3.072e+04	1443.26	400.43	0.0	3709.62	28
		42	1.04	2	-971.30	6187.25	7.661e+05	-971.30	158.37	0.0	3759.31	25
70	ok	10	0.15	2	2637.34	587.98	5.634e+04	2637.34	122.54	0.0	5099.46	14
		8	0.12	2	-2361.39	492.12	5.085e+04	-2361.39	130.12	0.0	5236.01	15
71	ok	2	0.39	2	-636.83	4140.71	2.386e+05	-636.83	64.70	0.0	9281.05	16
		4	0.39	2	-704.51	4102.24	2.440e+05	-704.51	65.95	0.0	9212.63	13
73	ok	20	0.25	2	-1597.32	2668.33	2.623e+05	-1597.32	133.23	0.0	5378.59	15
		32	0.06	2	-1427.48	642.01	5.544e+04	-1427.48	57.99	0.0	8958.08	15
76	ok	17	0.26	2	-2228.64	2719.62	1.565e+05	-2228.64	63.73	0.0	8742.62	16
		15	0.36	2	-3392.93	3785.61	4.535e+05	-3392.93	152.22	0.0	5459.58	13
78	ok	13	0.45	2	-5186.26	4785.26	5.061e+05	-5186.26	136.46	0.0	5853.57	15
		10	0.43	2	3752.78	4572.64	4.394e+05	3752.78	122.31	0.0	5714.45	14
81	ok	490	0.08	2	2.010e+04	4055.03	3.841e+05	2.010e+04	125.14	0.0	2.006e+04	15
		64	0.07	2	-1.627e+04	3524.56	2.333e+05	-1.627e+04	80.26	0.0	2.409e+04	14
82	ok	30	0.44	2	1.162e+04	4598.27	3.498e+05	1.162e+04	90.99	0.0	7610.14	7
		31	0.52	2	-1789.46	5466.13	6.377e+05	-1789.46	148.77	0.0	5648.77	6
91	ok	1681	0.21	2	623.14	1240.92	1.602e+04	623.14	33.11	0.0	7459.01	26
		1682	0.0	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
95	ok	1699	0.0	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
		54	0.29	2	-1338.04	1747.90	1.668e+05	-1338.04	33.11	0.0	7785.65	25
102	ok	1934	3.07e-03	2	1318.01	61.67	11.16	1318.01	0.20	0.0	2.616e+04	28
		16	0.01	2	-1816.19	225.01	1.687e+04	-1816.19	144.05	0.0	1.929e+04	25
183	ok	1404	0.0	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
		1405	0.46	2	-266.56	2730.85	2.051e+04	-266.56	44.60	0.0	7005.37	5
184	ok	40	0.15	2	221.39	3124.11	2.917e+05	221.39	109.76	0.0	2.091e+04	7
		33	0.05	2	221.39	1026.45	1.098e+05	221.39	72.02	0.0	2.304e+04	7

Trave Ver. VC  
1.04

< TABELLA VERIFICHE POST-OPERAM >	
Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI	
Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili	
Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.	
Elementi non rinforzati	

Trave	Note	Pos. cm	%Af	Af inf.	Af. sup	Af long.	M_T= 1 x/d	Z=320.0 V N/M	P=8 V V/T cls	P=10 V V/T acc	Staffe Rif. cmb L=cm
184	ok,ok	0.0	0.67	10.0	10.0	3.1	0.0	0.42	0.33	0.25	2d8/3 L=182 7,31,27
	s=8,m=159	90.9	0.67	10.0	10.0	3.1	0.0	0.07	0.31	0.20	2d8/3 L=182 28,31,27
		181.8	0.67	10.0	10.0	3.1	0.0	0.16	0.28	0.15	2d8/3 L=182 27,31,27
67	ok,ok	0.0	0.71	7.7	10.7	0.0	0.50	0.04	0.18	0.05	2d6/15 L=532 25,5,28
	s=8,m=159	272.7	0.51	7.7	7.7	0.0	0.56	0.13	0.13	0.02	2d6/15 L=532 18,25,25
		545.4	0.71	7.7	10.7	0.0	0.69	0.30	0.29	0.09	2d6/15 L=532 29,5,25
60	NV,NV	0.0	0.51	7.7	7.7	0.0	0.0	1.29	0.54	1.42	2d6/15 L=18 25,27,27
	s=8,m=159	15.8	0.51	7.7	7.7	0.0	0.0	1.02	0.53	1.39	2d6/15 L=18 25,27,27
		31.7	0.51	7.7	7.7	0.0	0.0	0.77	0.53	1.36	2d6/15 L=18 5,27,27
96	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.77	0.32	0.87	2d6/15 L=32 5,27,27
	s=8,m=159	15.8	0.51	7.7	7.7	0.0	0.0	0.65	0.31	0.84	2d6/15 L=32 2,27,27
		31.7	0.51	7.7	7.7	0.0	0.0	0.55	0.31	0.80	2d6/15 L=32 6,27,27
		31.7	0.51	7.7	7.7	0.0	0.0	0.50	0.35	1.66	2d6/15 L=32 26,19,27
98	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.54	0.21	0.50	2d6/15 L=32 26,27,27
	s=8,m=159	15.8	0.51	7.7	7.7	0.0	0.0	0.53	0.21	0.47	2d6/15 L=32 26,27,27
		31.7	0.51	7.7	7.7	0.0	0.0	0.53	0.20	0.43	2d6/15 L=32 26,27,27
61	ok,ok	0.0	0.71	7.7	10.7	0.0	0.69	0.11	0.22	0.08	2d6/15 L=536 28,28,32
	s=8,m=159	274.6	0.51	7.7	7.7	0.0	0.56	0.16	0.06	0.01	2d6/15 L=536 25,29,29
		549.2	0.71	7.7	10.7	0.0	0.69	0.24	0.26	0.09	2d6/15 L=536 29,13,29
53	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.58	0.22	0.53	2d6/15 L=9 2,27,27
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.52	0.22	0.51	2d6/15 L=9 2,27,27
		23.2	0.51	7.7	7.7	0.0	0.0	0.47	0.22	0.48	2d6/15 L=9 2,27,27
100	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.45	0.20	0.41	2d6/15 L=23 2,3,27
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.41	0.20	0.38	2d6/15 L=23 2,3,27
		23.2	0.51	7.7	7.7	0.0	0.0	0.37	0.19	0.36	2d6/15 L=23 2,3,27
69	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.36	0.15	0.33	2d6/15 L=23 2,3,27
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.32	0.15	0.31	2d6/15 L=23 2,3,27
		23.2	0.51	7.7	7.7	0.0	0.0	0.29	0.14	0.28	2d6/15 L=23 6,3,27
72	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.28	0.13	0.28	2d6/15 L=23 6,7,27
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.25	0.13	0.26	2d6/15 L=23 6,7,27
		23.2	0.51	7.7	7.7	0.0	0.0	0.23	0.12	0.23	2d6/15 L=23 6,7,27
87	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.21	0.13	0.25	2d6/15 L=23 6,3,27
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.19	0.12	0.22	2d6/15 L=23 1,3,27
		23.2	0.51	7.7	7.7	0.0	0.0	0.17	0.12	0.20	2d6/15 L=23 1,3,27
19	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.16	0.13	0.21	2d6/15 L=23 1,3,7
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.13	0.12	0.19	2d6/15 L=23 1,3,7
		23.2	0.51	7.7	7.7	0.0	0.0	0.11	0.12	0.17	2d6/15 L=23 1,3,7
90	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.10	0.13	0.18	2d6/15 L=23 1,4,7
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.10	0.12	0.15	2d6/15 L=23 1,4,7
		23.2	0.51	7.7	7.7	0.0	0.0	0.10	0.12	0.13	2d6/15 L=23 1,4,7
89	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.09	0.13	0.14	2d6/15 L=23 1,4,7
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.09	0.12	0.11	2d6/15 L=23 2,4,7
		23.2	0.51	7.7	7.7	0.0	0.0	0.09	0.12	0.09	2d6/15 L=23 2,4,7
93	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.08	0.12	0.10	2d6/15 L=23 26,8,7
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.07	0.12	0.07	2d6/15 L=23 26,8,7
		23.2	0.51	7.7	7.7	0.0	0.0	0.06	0.11	0.05	2d6/15 L=23 6,8,7
99	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.07	0.11	0.06	2d6/15 L=23 26,8,27
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.06	0.11	0.03	2d6/15 L=23 26,8,27
		23.2	0.51	7.7	7.7	0.0	0.0	0.05	0.11	0.03	2d6/15 L=23 26,28,26
1	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.06	0.11	0.03	2d6/15 L=23 26,30,26
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.05	0.11	0.05	2d6/15 L=23 28,30,26
		23.2	0.51	7.7	7.7	0.0	0.0	0.05	0.12	0.08	2d6/15 L=23 26,30,26
2	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.06	0.12	0.08	2d6/15 L=23 28,26,26
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.06	0.12	0.10	2d6/15 L=23 28,26,26
		23.2	0.51	7.7	7.7	0.0	0.0	0.06	0.13	0.13	2d6/15 L=23 26,26,26
4	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.10	0.13	0.14	2d6/15 L=23 8,26,26
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.09	0.14	0.16	2d6/15 L=23 8,26,26
		23.2	0.51	7.7	7.7	0.0	0.0	0.07	0.15	0.19	2d6/15 L=23 26,26,26
38	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.08	0.15	0.21	2d6/15 L=23 4,2,28
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.09	0.16	0.23	2d6/15 L=23 28,2,28
		23.2	0.51	7.7	7.7	0.0	0.0	0.11	0.16	0.26	2d6/15 L=23 28,2,28
18	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.13	0.18	0.30	2d6/15 L=23 26,2,28
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.17	0.19	0.32	2d6/15 L=23 26,2,28
		23.2	0.51	7.7	7.7	0.0	0.0	0.20	0.19	0.35	2d6/15 L=23 26,2,28
56	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.21	0.14	0.42	2d6/15 L=11 18,2,27
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.0	0.27	0.15	0.45	2d6/15 L=11 18,2,27
		23.2	0.51	7.7	7.7	0.0	0.0	0.32	0.15	0.47	2d6/15 L=11 18,2,27
52	ok,ok	0.0	0.71	7.7	10.7	0.0	0.0	0.24	0.12	0.47	2d6/15 L=392 32,4,8
	s=8,m=159	207.2	0.51	7.7	7.7	0.0	0.0	0.25	0.03	0.06	2d6/15 L=392 2,1,5
		414.5	0.71	7.7	10.7	0.0	0.0	0.37	0.11	0.44	2d6/15 L=392 6,1,5

		M_T= 2						Z=320.0	P=1	P=10		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
57	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.05	0.15	0.20	2d6/15 L=28	2,3,5
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.0	0.05	0.14	0.16	2d6/15 L=28	24,3,5
		40.8	0.51	7.7	7.7	0.0	0.0	0.07	0.14	0.12	2d6/15 L=28	24,3,5
15	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.07	0.10	0.13	2d6/15 L=41	4,3,5
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.0	0.09	0.09	0.09	2d6/15 L=41	20,3,5
		40.8	0.51	7.7	7.7	0.0	0.0	0.10	0.08	0.05	2d6/15 L=41	20,3,5
54	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.11	0.08	0.08	2d6/15 L=41	4,7,5
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.0	0.11	0.08	0.04	2d6/15 L=41	20,7,5
		40.8	0.51	7.7	7.7	0.0	0.0	0.11	0.09	0.05	2d6/15 L=41	24,7,8
101	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.11	0.11	0.01	2d6/15 L=41	18,7,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.0	0.11	0.11	0.06	2d6/15 L=41	18,7,8
		40.8	0.51	7.7	7.7	0.0	0.0	0.10	0.12	0.10	2d6/15 L=41	18,7,8
59	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.11	0.13	0.07	2d6/15 L=41	2,7,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.0	0.10	0.14	0.11	2d6/15 L=41	2,7,8
		40.8	0.51	7.7	7.7	0.0	0.0	0.08	0.15	0.15	2d6/15 L=41	2,7,8
65	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.09	0.15	0.14	2d6/15 L=41	2,7,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.0	0.06	0.16	0.18	2d6/15 L=41	2,7,8
		40.8	0.51	7.7	7.7	0.0	0.0	0.05	0.17	0.22	2d6/15 L=41	2,7,8
84	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.06	0.17	0.22	2d6/15 L=41	2,7,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.0	0.11	0.17	0.26	2d6/15 L=41	2,7,8
		40.8	0.51	7.7	7.7	0.0	0.0	0.16	0.18	0.30	2d6/15 L=41	6,7,8
17	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.17	0.15	0.35	2d6/15 L=28	2,7,28
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.0	0.25	0.16	0.40	2d6/15 L=28	2,7,28
		40.8	0.51	7.7	7.7	0.0	0.0	0.33	0.17	0.44	2d6/15 L=28	2,7,28
58	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.31	0.15	0.47	2d6/15 L=30	15,7,7
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.21	0.14	0.42	2d6/15 L=30	15,7,7
		42.3	0.51	7.7	7.7	0.0	0.0	0.12	0.13	0.38	2d6/15 L=30	12,7,7
51	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.13	0.11	0.32	2d6/15 L=42	2,1,7
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.07	0.10	0.28	2d6/15 L=42	2,1,7
		42.3	0.51	7.7	7.7	0.0	0.0	0.05	0.09	0.24	2d6/15 L=42	2,1,7
74	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.06	0.09	0.24	2d6/15 L=42	6,6,7
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.11	0.08	0.20	2d6/15 L=42	6,6,7
		42.3	0.51	7.7	7.7	0.0	0.0	0.14	0.07	0.16	2d6/15 L=42	6,6,7
86	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.14	0.07	0.18	2d6/15 L=42	5,6,7
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.17	0.06	0.13	2d6/15 L=42	5,6,7
		42.3	0.51	7.7	7.7	0.0	0.0	0.19	0.05	0.09	2d6/15 L=42	5,6,7
88	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.20	0.05	0.11	2d6/15 L=42	5,6,7
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.21	0.04	0.07	2d6/15 L=42	5,6,7
		42.3	0.51	7.7	7.7	0.0	0.0	0.22	0.03	0.03	2d6/15 L=42	5,6,7
3	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.22	0.02	0.04	2d6/15 L=42	5,6,7
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.22	0.02	0.01	2d6/15 L=42	5,6,7
		42.3	0.51	7.7	7.7	0.0	0.0	0.22	0.03	0.04	2d6/15 L=42	5,6,6
68	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.21	0.02	0.03	2d6/15 L=42	5,6,6
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.20	0.03	0.06	2d6/15 L=42	5,6,6
		42.3	0.51	7.7	7.7	0.0	0.0	0.19	0.03	0.08	2d6/15 L=42	5,6,6
8	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.18	0.03	0.08	2d6/15 L=42	5,6,6
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.16	0.04	0.10	2d6/15 L=42	5,6,6
		42.3	0.51	7.7	7.7	0.0	0.0	0.13	0.04	0.12	2d6/15 L=42	5,6,6
41	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.12	0.07	0.13	2d6/15 L=42	25,6,6
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.09	0.07	0.15	2d6/15 L=42	31,6,6
		42.3	0.51	7.7	7.7	0.0	0.0	0.06	0.07	0.17	2d6/15 L=42	31,6,6
9	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.06	0.15	0.24	2d6/15 L=26	31,6,6
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.0	0.09	0.16	0.26	2d6/15 L=26	6,6,6
		42.3	0.51	7.7	7.7	0.0	0.0	0.15	0.16	0.27	2d6/15 L=26	6,6,6
		M_T= 3						Z=320.2	P=4	P=13		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
49	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.12	0.12	0.12	2d8/15 L=474	2,1,29
	s=7,m=159	250.5	0.46	9.2	9.2	0.0	0.0	0.16	0.09	7.92e-03	2d8/15 L=474	2,6,32
		501.1	0.61	9.2	12.3	0.0	0.0	0.15	0.12	0.13	2d8/15 L=474	2,6,32
44	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.14	0.20	0.63	2d8/15 L=424	3,3,27
	s=7,m=159	225.9	0.46	9.2	9.2	0.0	0.0	0.07	0.17	0.35	2d8/15 L=424	4,3,27
		451.8	0.61	9.2	12.3	0.0	0.0	0.09	0.19	0.57	2d8/15 L=424	24,3,27
45	ok,ok	0.0	0.61	9.2	12.3	3.1	0.0	0.03	0.21	0.60	2d8/15 L=28	7,2,27
	s=7,m=159	21.0	0.61	9.2	12.3	3.1	0.0	0.01	0.21	0.58	2d8/15 L=28	24,2,27
		42.0	0.61	9.2	12.3	3.1	0.0	0.03	0.21	0.55	2d8/15 L=28	24,2,27
75	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.03	0.09	0.04	2d8/15 L=42	7,26,27
	s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.0	0.04	0.09	0.03	2d8/15 L=42	7,26,27
		42.0	0.61	9.2	12.3	0.0	0.0	0.05	0.09	0.02	2d8/15 L=42	7,26,27
85	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.05	0.08	0.02	2d8/15 L=42	7,27,26
	s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.0	0.04	0.09	0.03	2d8/15 L=42	7,27,26
		42.0	0.61	9.2	12.3	0.0	0.0	0.03	0.09	0.04	2d8/15 L=42	7,27,26
6	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.02	0.15	0.05	2d8/15 L=42	4,27,26
	s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.0	0.02	0.15	0.06	2d8/15 L=42	31,27,26
		42.0	0.61	9.2	12.3	0.0	0.0	0.04	0.15	0.07	2d8/15 L=42	31,27,26
11	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.03	0.18	0.08	2d8/15 L=42	25,27,26

	s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.0	0.05	0.18	0.09	2d8/15 L=42 31,27,26
		42.0	0.61	9.2	12.3	0.0	0.0	0.08	0.18	0.10	2d8/15 L=42 31,27,26
14	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.08	0.18	0.10	2d8/15 L=42 31,27,26
	s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.0	0.11	0.18	0.11	2d8/15 L=42 25,27,26
		42.0	0.61	9.2	12.3	0.0	0.0	0.14	0.19	0.12	2d8/15 L=42 25,27,26
39	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.14	0.15	0.09	2d8/15 L=42 25,27,26
	s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.0	0.17	0.16	0.10	2d8/15 L=42 25,27,26
		42.0	0.61	9.2	12.3	0.0	0.0	0.20	0.16	0.11	2d8/15 L=42 25,27,26
83	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.20	0.10	0.09	2d8/15 L=30 5,20,19
	s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.0	0.18	0.10	0.08	2d8/15 L=30 18,20,19
		42.0	0.61	9.2	12.3	0.0	0.0	0.17	0.10	0.07	2d8/15 L=30 26,20,19
<b>M_T= 4 Z=360.0 N=15 N=20</b>											
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
7	ok,ok	0.0	1.54	9.2	9.2	0.0	0.0	0.03	0.16	0.03	2d8/15 L=314 14,14,14
	s=14,m=159	169.2	1.54	9.2	9.2	0.0	0.0	0.03	0.13	0.02	2d8/15 L=314 14,14,15
		338.4	1.54	9.2	9.2	0.0	0.0	0.08	0.14	0.04	2d8/15 L=314 15,9,15
<b>M_T= 5 Z=396.1 N=13 N=1934</b>											
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
102	ok,ok	0.0	1.67	10.0	10.0	3.1	0.0	0.03	0.23	0.09	2d8/3 L=130 30,16,14
	s=14,m=159	72.0	1.67	10.0	10.0	3.1	0.0	0.03	0.23	0.09	2d8/3 L=130 14,13,13
		144.1	1.67	10.0	10.0	3.1	0.0	0.04	0.24	0.10	2d8/3 L=130 14,13,13
16	ok,ok	0.0	1.54	9.2	9.2	0.0	0.0	0.07	0.06	0.04	2d8/15 L=328 6,16,6
	s=14,m=159	175.8	1.54	9.2	9.2	0.0	0.0	0.04	0.07	0.02	2d8/15 L=328 26,11,7
		351.7	1.54	9.2	9.2	0.0	0.0	0.11	0.09	0.05	2d8/15 L=328 11,11,7
<b>M_T= 6 Z=380.0 N=10 N=17</b>											
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
76	ok,ok	0.0	0.62	9.2	9.2	0.0	0.0	0.21	0.17	0.26	2d8/15 L=615 16,14,16
	s=8,m=159	307.3	0.62	9.2	9.2	0.0	0.0	0.32	0.10	0.05	2d8/15 L=615 3,14,13
		614.5	0.62	9.2	9.2	0.0	0.0	0.66	0.22	0.36	2d8/15 L=615 14,14,13
77	ok,ok	0.0	0.62	9.2	9.2	0.0	0.0	0.12	0.15	0.09	2d8/15 L=47 8,15,16
	s=8,m=159	23.7	0.62	9.2	9.2	0.0	0.0	0.10	0.16	0.11	2d8/15 L=47 8,15,16
		47.5	0.62	9.2	9.2	0.0	0.0	0.14	0.17	0.13	2d8/15 L=47 16,15,16
23	ok,ok	0.0	0.62	9.2	9.2	0.0	0.0	0.17	0.07	0.07	2d8/15 L=47 28,11,16
	s=8,m=159	23.7	0.62	9.2	9.2	0.0	0.0	0.16	0.06	0.04	2d8/15 L=47 14,11,16
		47.5	0.62	9.2	9.2	0.0	0.0	0.17	0.05	0.03	2d8/15 L=47 14,10,13
35	ok,ok	0.0	0.62	9.2	9.2	0.0	0.0	0.22	0.08	0.06	2d8/15 L=47 13,14,13
	s=8,m=159	23.7	0.62	9.2	9.2	0.0	0.0	0.24	0.09	0.08	2d8/15 L=47 13,14,13
		47.5	0.62	9.2	9.2	0.0	0.0	0.28	0.09	0.10	2d8/15 L=47 13,14,13
20	ok,ok	0.0	0.62	9.2	9.2	0.0	0.0	0.32	0.26	0.58	2d8/15 L=47 14,7,15
	s=8,m=159	23.7	0.62	9.2	9.2	0.0	0.0	0.25	0.25	0.52	2d8/15 L=47 14,7,15
		47.5	0.62	9.2	9.2	0.0	0.0	0.27	0.24	0.46	2d8/15 L=47 14,7,15
78	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.56	0.23	0.45	2d8/15 L=523 7,15,15
	s=7,m=159	277.3	0.46	9.2	9.2	0.0	0.0	0.41	0.11	0.04	2d8/15 L=523 13,15,15
		554.5	0.61	9.2	12.3	0.0	0.0	0.55	0.21	0.43	2d8/15 L=523 10,15,14
<b>M_T= 7 Z=400.0 P=11 P=12</b>											
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
32	NV,ok	0.0	0.50	9.2	9.2	0.0	0.56	0.26	0.24	0.11	2d8/15 L=668 8,16,8
	s=6,m=159	346.1	0.50	9.2	9.2	0.0	0.42	0.23	0.03	5.81e-03	2d8/15 L=668 4,16,5
		692.2	0.50	9.2	9.2	0.0	0.56	0.35	0.27	0.13	2d8/15 L=668 5,16,5
33	NV,ok	0.0	0.50	9.2	9.2	0.0	0.56	0.32	0.24	0.12	2d8/15 L=632 7,7,7
	s=6,m=159	329.7	0.50	9.2	9.2	0.0	0.42	0.17	0.01	1.83e-03	2d8/15 L=632 20,2,7
		659.3	0.50	9.2	9.2	0.0	0.56	0.29	0.23	0.11	2d8/15 L=632 6,3,6
34	NV,ok	0.0	0.50	9.2	9.2	0.0	0.56	0.33	0.26	0.12	2d8/15 L=655 7,12,15
	s=6,m=159	339.2	0.50	9.2	9.2	0.0	0.42	0.20	0.04	5.45e-03	2d8/15 L=655 3,24,15
		678.3	0.50	9.2	9.2	0.0	0.56	0.25	0.24	0.11	2d8/15 L=655 2,28,14
<b>M_T= 8 Z=357.3 N=22 N=30</b>											
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
141	ok,ok	0.0	0.61	9.2	12.3	3.1	0.0	0.08	0.25	0.82	2d8/15 L=28 6,6,6
	s=7,m=159	13.8	0.61	9.2	12.3	3.1	0.0	0.06	0.25	0.80	2d8/15 L=28 6,6,6
		27.5	0.61	9.2	12.3	3.1	0.0	0.05	0.24	0.79	2d8/15 L=28 6,6,6
132	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.05	0.23	0.11	2d8/15 L=28 6,30,26
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.04	0.23	0.10	2d8/15 L=28 6,30,26
		27.5	0.61	9.2	12.3	0.0	0.0	0.03	0.23	0.10	2d8/15 L=28 26,30,26
174	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.03	0.16	0.10	2d8/15 L=28 26,32,26
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.03	0.16	0.09	2d8/15 L=28 7,32,26
		27.5	0.61	9.2	12.3	0.0	0.0	0.03	0.15	0.08	2d8/15 L=28 7,32,26
133	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.03	0.11	0.09	2d8/15 L=28 7,32,26
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.04	0.11	0.08	2d8/15 L=28 7,32,26
		27.5	0.61	9.2	12.3	0.0	0.0	0.04	0.11	0.07	2d8/15 L=28 7,32,26
175	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.04	0.08	0.08	2d8/15 L=28 7,32,26
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.04	0.08	0.07	2d8/15 L=28 7,32,26
		27.5	0.61	9.2	12.3	0.0	0.0	0.05	0.08	0.06	2d8/15 L=28 7,32,26
134	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.05	0.07	0.07	2d8/15 L=28 7,32,26
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.05	0.06	0.06	2d8/15 L=28 27,32,26
		27.5	0.61	9.2	12.3	0.0	0.0	0.06	0.06	0.05	2d8/15 L=28 27,32,26
176	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.06	0.05	0.05	2d8/15 L=28 27,32,26

	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.06	0.05	0.05	2d8/15 L=28 27,32,26
		27.5	0.61	9.2	12.3	0.0	0.0	0.07	0.05	0.04	2d8/15 L=28 27,32,26
135	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.07	0.05	0.04	2d8/15 L=28 27,32,26
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.07	0.04	0.03	2d8/15 L=28 20,32,26
		27.5	0.61	9.2	12.3	0.0	0.0	0.07	0.04	0.02	2d8/15 L=28 32,32,26
177	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.08	0.04	0.02	2d8/15 L=28 26,32,26
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.08	0.04	0.02	2d8/15 L=28 26,32,26
		27.5	0.61	9.2	12.3	0.0	0.0	0.09	0.03	9.16e-03	2d8/15 L=28 26,32,26
136	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.10	0.03	8.45e-03	2d8/15 L=28 6,32,26
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.10	0.03	0.01	2d8/15 L=28 6,16,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.10	0.04	0.02	2d8/15 L=28 6,16,27
178	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.11	0.04	0.02	2d8/15 L=28 6,16,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.11	0.04	0.03	2d8/15 L=28 6,16,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.10	0.04	0.04	2d8/15 L=28 6,16,27
137	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.11	0.04	0.04	2d8/15 L=28 6,16,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.11	0.04	0.05	2d8/15 L=28 6,16,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.10	0.04	0.05	2d8/15 L=28 6,16,27
179	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.11	0.04	0.05	2d8/15 L=28 6,16,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.10	0.05	0.06	2d8/15 L=28 6,16,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.08	0.05	0.07	2d8/15 L=28 6,16,27
138	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.10	0.05	0.07	2d8/15 L=28 6,12,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.08	0.05	0.08	2d8/15 L=28 6,12,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.06	0.05	0.09	2d8/15 L=28 6,12,27
180	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.08	0.06	0.09	2d8/15 L=28 6,29,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.06	0.06	0.10	2d8/15 L=28 6,29,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.04	0.06	0.11	2d8/15 L=28 6,29,27
139	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.05	0.09	0.12	2d8/15 L=28 6,27,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.02	0.09	0.12	2d8/15 L=28 6,27,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.03	0.09	0.13	2d8/15 L=28 5,27,27
181	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.04	0.13	0.15	2d8/15 L=28 13,27,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.06	0.13	0.16	2d8/15 L=28 29,27,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.09	0.14	0.17	2d8/15 L=28 29,27,27
140	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.10	0.20	0.22	2d8/15 L=28 29,27,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.13	0.20	0.23	2d8/15 L=28 29,27,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.17	0.20	0.23	2d8/15 L=28 29,27,27
182	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.19	0.20	0.30	2d8/15 L=28 27,29,27
	s=7,m=159	13.8	0.61	9.2	12.3	0.0	0.0	0.24	0.20	0.31	2d8/15 L=28 27,29,27
		27.5	0.61	9.2	12.3	0.0	0.0	0.30	0.21	0.32	2d8/15 L=28 27,29,27
<b>M_T= 9 Z=410.0 N=6 N=8</b>											
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
37	ok,ok	0.0	0.70	18.0	18.0	0.0	0.0	0.30	0.21	0.37	4d8/15 L=585 11,16,16
	s=13,m=159	292.6	0.85	22.0	16.0	0.0	0.0	0.53	0.05	0.02	4d8/15 L=585 13,16,16
		585.1	0.85	22.0	16.0	0.0	0.0	0.22	0.20	0.34	4d8/15 L=585 13,13,13
<b>M_T= 10 Z=362.5 N=28 N=36</b>											
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe Rif. cmb
40	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.07	0.12	0.15	2d8/15 L=30 1,11,17
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.0	0.05	0.12	0.14	2d8/15 L=30 1,11,17
		30.4	0.61	9.2	12.3	0.0	0.0	0.03	0.12	0.13	2d8/15 L=30 18,11,17
142	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.03	0.13	0.11	2d8/15 L=15 3,9,21
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.0	0.03	0.13	0.10	2d8/15 L=15 3,9,21
		15.2	0.61	9.2	12.3	0.0	0.0	0.03	0.13	0.10	2d8/15 L=15 20,9,21
103	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.03	0.13	0.10	2d8/15 L=15 20,21,21
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.0	0.04	0.13	0.09	2d8/15 L=15 4,21,21
		15.2	0.61	9.2	12.3	0.0	0.0	0.05	0.13	0.09	2d8/15 L=15 4,21,21
145	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.05	0.14	0.09	2d8/15 L=30 4,23,23
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.0	0.06	0.14	0.08	2d8/15 L=30 4,23,23
		30.4	0.61	9.2	12.3	0.0	0.0	0.08	0.13	0.08	2d8/15 L=30 4,23,23
104	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.07	0.14	0.08	2d8/15 L=30 4,17,23
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.0	0.09	0.14	0.07	2d8/15 L=30 4,17,23
		30.4	0.61	9.2	12.3	0.0	0.0	0.10	0.14	0.06	2d8/15 L=30 4,17,23
146	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.09	0.15	0.06	2d8/15 L=15 4,17,19
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.0	0.10	0.15	0.06	2d8/15 L=15 4,17,19
		15.2	0.61	9.2	12.3	0.0	0.0	0.10	0.14	0.05	2d8/15 L=15 4,17,19
105	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.10	0.15	0.05	2d8/15 L=15 4,17,19
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.0	0.10	0.15	0.05	2d8/15 L=15 4,17,19
		15.2	0.61	9.2	12.3	0.0	0.0	0.11	0.14	0.05	2d8/15 L=15 4,17,19
147	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.10	0.15	0.05	2d8/15 L=30 4,17,19
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.0	0.11	0.15	0.04	2d8/15 L=30 4,17,19
		30.4	0.61	9.2	12.3	0.0	0.0	0.11	0.14	0.03	2d8/15 L=30 4,17,19
106	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.12	0.15	0.03	2d8/15 L=30 4,17,19
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.0	0.12	0.15	0.02	2d8/15 L=30 4,17,19
		30.4	0.61	9.2	12.3	0.0	0.0	0.12	0.14	0.01	2d8/15 L=30 4,17,19
148	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.11	0.15	0.01	2d8/15 L=15 4,17,19
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.0	0.11	0.15	0.01	2d8/15 L=15 4,17,19
		15.2	0.61	9.2	12.3	0.0	0.0	0.11	0.14	6.90e-03	2d8/15 L=15 4,17,19
107	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.11	0.15	6.39e-03	2d8/15 L=15 4,17,19
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.0	0.11	0.15	0.01	2d8/15 L=15 4,17,18

		15.2	0.61	9.2	12.3	0.0	0.0	0.10	0.15	0.01	2d8/15 L=15	4,17,18
149	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.10	0.15	0.01	2d8/15 L=30	4,17,18
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.0	0.09	0.16	0.02	2d8/15 L=30	4,17,18
		30.4	0.61	9.2	12.3	0.0	0.0	0.08	0.16	0.03	2d8/15 L=30	4,17,18
108	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.08	0.17	0.03	2d8/15 L=30	4,17,22
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.0	0.07	0.17	0.03	2d8/15 L=30	4,17,22
		30.4	0.61	9.2	12.3	0.0	0.0	0.06	0.18	0.04	2d8/15 L=30	4,17,22
150	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.05	0.19	0.04	2d8/15 L=15	4,17,22
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.0	0.04	0.19	0.04	2d8/15 L=15	4,17,22
		15.2	0.61	9.2	12.3	0.0	0.0	0.04	0.19	0.05	2d8/15 L=15	4,17,22
109	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.04	0.19	0.43	2d8/15 L=15	4,11,13
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.0	0.03	0.19	0.44	2d8/15 L=15	4,11,13
		15.2	0.61	9.2	12.3	0.0	0.0	0.03	0.19	0.45	2d8/15 L=15	17,11,13
151	ok,ok	0.0	0.61	9.2	12.3	3.1	0.0	0.03	0.17	0.50	2d8/15 L=30	1,21,13
	s=7,m=159	15.2	0.61	9.2	12.3	3.1	0.0	0.03	0.17	0.52	2d8/15 L=30	5,21,13
		30.4	0.61	9.2	12.3	3.1	0.0	0.04	0.17	0.54	2d8/15 L=30	5,21,13
110	ok,ok	0.0	0.61	9.2	12.3	3.1	0.0	0.04	0.22	0.66	2d8/15 L=30	5,21,4
	s=7,m=159	15.2	0.61	9.2	12.3	3.1	0.0	0.05	0.23	0.68	2d8/15 L=30	5,21,4
		30.4	0.61	9.2	12.3	3.1	0.0	0.06	0.23	0.70	2d8/15 L=30	20,21,4
152	ok,ok	0.0	0.61	9.2	12.3	3.1	0.0	0.06	0.28	0.89	2d8/15 L=15	20,21,4
	s=7,m=159	7.6	0.61	9.2	12.3	3.1	0.0	0.07	0.28	0.90	2d8/15 L=15	20,21,4
		15.2	0.61	9.2	12.3	3.1	0.0	0.08	0.28	0.91	2d8/15 L=15	20,21,4

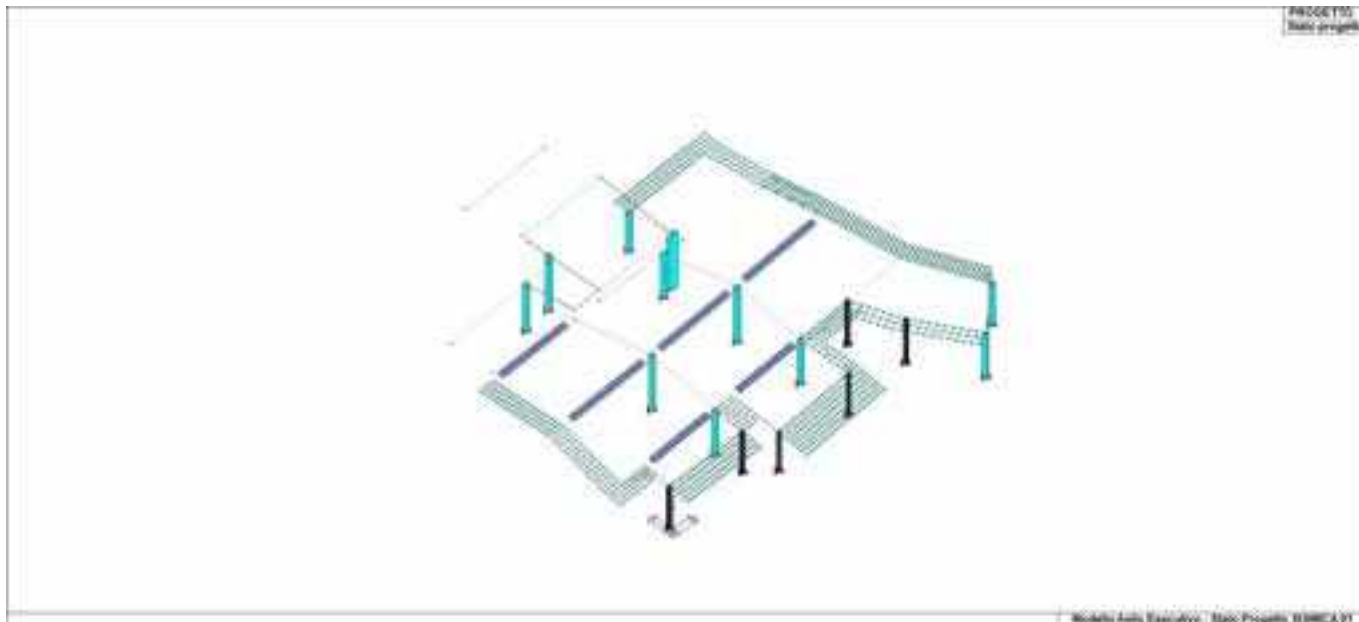
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	M_T= 11	Z=310.0	N=46	N=62	Staffe	Rif. cmb
							x/d	V N/M	V V/T cls	V V/T acc		
143	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.26	0.21	0.37	2d8/15 L=25	11,1,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.21	0.21	0.35	2d8/15 L=25	11,1,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.16	0.20	0.34	2d8/15 L=25	11,1,19
112	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.16	0.12	0.29	2d8/15 L=25	3,1,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.12	0.12	0.28	2d8/15 L=25	3,1,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.08	0.12	0.26	2d8/15 L=25	7,1,19
154	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.09	0.12	0.25	2d8/15 L=25	7,3,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.05	0.12	0.24	2d8/15 L=25	4,3,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.02	0.11	0.22	2d8/15 L=25	4,3,19
113	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.02	0.12	0.22	2d8/15 L=25	4,3,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.03	0.12	0.20	2d8/15 L=25	20,3,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.06	0.11	0.19	2d8/15 L=25	20,3,19
155	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.06	0.11	0.19	2d8/15 L=25	20,3,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.10	0.11	0.17	2d8/15 L=25	20,3,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.13	0.10	0.16	2d8/15 L=25	20,3,19
114	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.13	0.10	0.16	2d8/15 L=25	20,3,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.16	0.10	0.14	2d8/15 L=25	20,3,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.19	0.09	0.13	2d8/15 L=25	20,3,19
156	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.19	0.09	0.13	2d8/15 L=25	20,7,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.21	0.09	0.12	2d8/15 L=25	20,7,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.23	0.08	0.10	2d8/15 L=25	20,7,19
115	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.23	0.07	0.10	2d8/15 L=25	20,3,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.25	0.07	0.09	2d8/15 L=25	20,3,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.27	0.07	0.07	2d8/15 L=25	20,3,19
157	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.27	0.06	0.08	2d8/15 L=25	20,3,19
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.28	0.05	0.06	2d8/15 L=25	20,3,19
		24.6	0.61	9.2	12.3	0.0	0.0	0.29	0.05	0.05	2d8/15 L=25	20,3,19
116	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.29	0.04	0.05	2d8/15 L=25	20,7,3
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.30	0.04	0.03	2d8/15 L=25	20,7,3
		24.6	0.61	9.2	12.3	0.0	0.0	0.30	0.03	0.02	2d8/15 L=25	20,7,3
158	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.30	0.02	0.02	2d8/15 L=25	20,3,3
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.31	0.02	8.45e-03	2d8/15 L=25	4,3,3
		24.6	0.61	9.2	12.3	0.0	0.0	0.31	0.02	0.02	2d8/15 L=25	4,3,2
117	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.31	0.02	0.02	2d8/15 L=25	4,2,18
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.29	0.02	0.03	2d8/15 L=25	4,2,18
		24.6	0.61	9.2	12.3	0.0	0.0	0.29	0.03	0.05	2d8/15 L=25	3,2,18
159	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.29	0.03	0.04	2d8/15 L=25	3,2,18
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.28	0.04	0.06	2d8/15 L=25	3,2,18
		24.6	0.61	9.2	12.3	0.0	0.0	0.27	0.04	0.07	2d8/15 L=25	3,2,18
118	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.27	0.05	0.07	2d8/15 L=25	3,18,18
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.26	0.05	0.09	2d8/15 L=25	3,18,18
		24.6	0.61	9.2	12.3	0.0	0.0	0.24	0.06	0.10	2d8/15 L=25	3,18,18
160	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.24	0.06	0.10	2d8/15 L=25	3,18,18
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.23	0.06	0.11	2d8/15 L=25	3,18,18
		24.6	0.61	9.2	12.3	0.0	0.0	0.20	0.07	0.13	2d8/15 L=25	3,18,18
119	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.21	0.06	0.13	2d8/15 L=25	3,18,18
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.18	0.07	0.14	2d8/15 L=25	3,22,18
		24.6	0.61	9.2	12.3	0.0	0.0	0.16	0.07	0.16	2d8/15 L=25	3,22,18
161	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.16	0.08	0.17	2d8/15 L=25	3,8,18
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.13	0.08	0.18	2d8/15 L=25	8,8,18
		24.6	0.61	9.2	12.3	0.0	0.0	0.10	0.09	0.20	2d8/15 L=25	4,8,18

120	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.10	0.12	0.23	2d8/15 L=25	4,8,18
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.06	0.13	0.24	2d8/15 L=25	8,8,18
		24.6	0.61	9.2	12.3	0.0	0.0	0.04	0.13	0.26	2d8/15 L=25	20,8,18
162	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.04	0.19	0.32	2d8/15 L=9	20,8,18
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.0	0.09	0.20	0.34	2d8/15 L=9	20,8,18
		24.6	0.61	9.2	12.3	0.0	0.0	0.15	0.20	0.35	2d8/15 L=9	20,8,18
<b>M_T= 12 Z=319.8 N=490 N=1942</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
81	ok,ok	0.0	0.50	10.0	10.0	0.0	0.0	0.83	0.17	0.08	2d8/3 L=454	7,10,15
	s=7,m=159	234.4	0.50	10.0	10.0	0.0	0.0	0.49	0.08	8.12e-03	2d8/3 L=454	7,10,15
		468.9	0.50	10.0	10.0	0.0	0.0	0.55	0.17	0.07	2d8/3 L=454	7,10,14
43	ok,ok	0.0	0.50	10.0	10.0	0.0	0.0	0.53	0.14	0.04	2d8/3 L=435	7,8,8
	s=7,m=159	49.1	0.50	10.0	10.0	0.0	0.0	0.39	0.12	0.03	2d8/3 L=83	7,8,8
		98.3	0.50	10.0	10.0	0.0	0.0	0.32	0.10	0.02	2d8/3 L=83	7,8,8
<b>M_T= 13 Z=358.7 P=8 P=11</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
46	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.17	0.10	0.13	2d8/15 L=513	6,6,14
	s=7,m=159	268.3	0.46	9.2	9.2	0.0	0.0	0.16	0.07	0.02	2d8/15 L=513	6,6,15
		536.7	0.61	9.2	12.3	0.0	0.0	0.17	0.10	0.15	2d8/15 L=513	6,6,15
47	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.04	0.11	0.11	2d8/15 L=435	6,29,6
	s=7,m=159	231.6	0.46	9.2	9.2	0.0	0.0	0.05	0.09	0.02	2d8/15 L=435	26,29,7
		463.3	0.61	9.2	12.3	0.0	0.0	0.13	0.12	0.13	2d8/15 L=435	7,29,7
<b>M_T= 14 Z=344.0 P=15 P=16</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
50	ok,ok	0.0	0.80	8.0	12.0	0.0	0.0	0.14	0.12	0.25	2d8/15 L=555	7,30,7
	s=8,m=159	289.2	0.53	8.0	8.0	0.0	0.0	0.41	0.04	0.04	2d8/15 L=555	17,30,6
		578.5	0.80	8.0	12.0	0.0	0.0	0.38	0.15	0.33	2d8/15 L=555	5,30,6
73	ok,ok	0.0	0.62	9.2	9.2	0.0	0.0	0.39	0.13	0.25	2d8/15 L=165	7,15,15
	s=8,m=159	95.6	0.62	9.2	9.2	0.0	0.0	0.13	0.10	0.16	2d8/15 L=165	9,15,15
		191.2	0.62	9.2	9.2	0.0	0.0	0.07	0.06	0.06	2d8/15 L=165	14,15,15
<b>M_T= 15 Z=310.0 P=1 P=2</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
55	ok,ok	0.0	0.61	4.6	4.6	0.0	0.0	0.28	0.11	0.08	2d8/15 L=349	7,4,7
	s=9,m=159	191.8	0.61	4.6	4.6	0.0	0.0	0.11	0.07	0.02	2d8/15 L=349	3,4,6
		383.5	0.61	4.6	4.6	0.0	0.0	0.37	0.15	0.13	2d8/15 L=349	6,18,6
<b>M_T= 16 Z=302.5 N=66 N=69</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
63	ok,ok	0.0	0.61	9.2	12.3	3.1	0.0	0.11	0.20	0.52	2d8/10 L=116	27,3,3
	s=7,m=159	189.1	0.46	9.2	9.2	3.1	0.0	0.07	0.18	0.55	2d8/15 L=118	29,3,3
		378.2	0.61	9.2	12.3	3.1	0.0	0.05	0.19	0.45	2d8/10 L=120	2,7,12
<b>M_T= 17 Z=280.0 N=38 N=69</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
144	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.28	0.26	0.59	2d6/15 L=24	20,4,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.20	0.26	0.57	2d6/15 L=24	20,4,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.13	0.25	0.55	2d6/15 L=24	22,4,4
121	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.12	0.17	0.45	2d6/15 L=24	22,4,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.07	0.17	0.42	2d6/15 L=24	22,4,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.05	0.16	0.40	2d6/15 L=24	10,4,4
163	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.05	0.11	0.36	2d6/15 L=24	10,4,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.09	0.10	0.34	2d6/15 L=24	10,4,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.13	0.10	0.32	2d6/15 L=24	13,4,4
122	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.13	0.09	0.31	2d6/15 L=24	10,3,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.17	0.09	0.29	2d6/15 L=24	14,3,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.20	0.08	0.26	2d6/15 L=24	9,3,4
164	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.20	0.09	0.27	2d6/15 L=24	6,3,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.24	0.08	0.24	2d6/15 L=24	6,3,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.27	0.08	0.22	2d6/15 L=24	6,3,4
123	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.27	0.08	0.23	2d6/15 L=24	6,3,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.29	0.07	0.20	2d6/15 L=24	6,3,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.32	0.07	0.18	2d6/15 L=24	6,3,4
165	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.32	0.07	0.19	2d6/15 L=24	6,3,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.34	0.06	0.17	2d6/15 L=24	2,3,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.37	0.06	0.14	2d6/15 L=24	2,3,4
124	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.37	0.05	0.15	2d6/15 L=24	2,3,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.38	0.05	0.13	2d6/15 L=24	2,3,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.40	0.04	0.11	2d6/15 L=24	2,3,4
166	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.39	0.04	0.12	2d6/15 L=24	10,3,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.41	0.03	0.09	2d6/15 L=24	10,3,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.42	0.03	0.07	2d6/15 L=24	10,3,4
125	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.41	0.02	0.08	2d6/15 L=24	18,3,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.42	0.02	0.06	2d6/15 L=24	18,3,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.42	0.01	0.03	2d6/15 L=24	18,3,4
167	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.42	0.02	0.04	2d6/15 L=24	18,30,4
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.43	0.01	0.02	2d6/15 L=24	18,30,4
		24.0	0.51	7.7	7.7	0.0	0.0	0.43	0.01	0.02	2d6/15 L=24	18,6,1
126	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.43	0.02	0.01	2d6/15 L=24	18,6,1

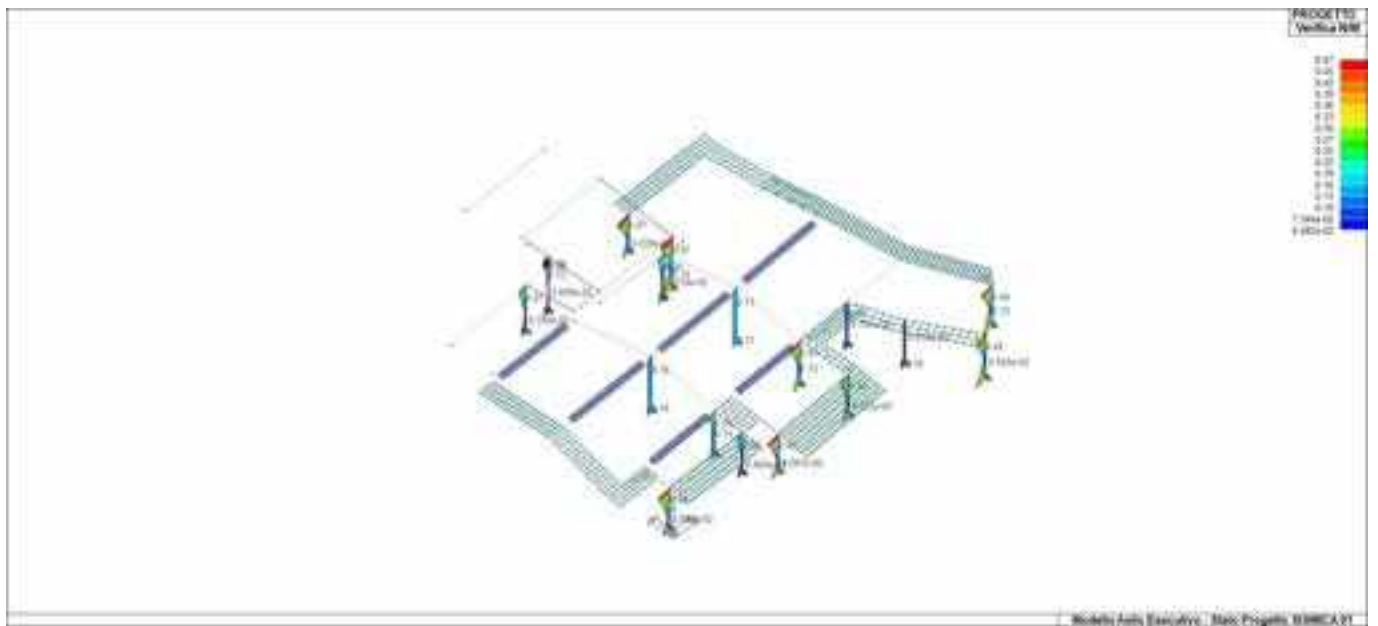
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.42	0.02	0.04	2d6/15 L=24	18,6,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.42	0.03	0.06	2d6/15 L=24	18,6,1
168	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.42	0.03	0.05	2d6/15 L=24	18,6,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.41	0.04	0.07	2d6/15 L=24	18,6,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.40	0.04	0.10	2d6/15 L=24	18,6,1
127	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.40	0.05	0.09	2d6/15 L=24	18,6,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.39	0.06	0.11	2d6/15 L=24	18,6,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.38	0.06	0.13	2d6/15 L=24	18,6,1
169	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.38	0.07	0.12	2d6/15 L=24	18,6,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.36	0.07	0.15	2d6/15 L=24	18,6,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.35	0.08	0.17	2d6/15 L=24	24,6,1
128	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.35	0.08	0.16	2d6/15 L=24	24,6,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.33	0.09	0.18	2d6/15 L=24	24,6,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.31	0.09	0.21	2d6/15 L=24	20,6,1
170	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.31	0.10	0.20	2d6/15 L=24	20,2,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.28	0.10	0.22	2d6/15 L=24	20,2,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.25	0.11	0.24	2d6/15 L=24	20,2,1
129	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.25	0.11	0.23	2d6/15 L=24	20,2,5
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.22	0.12	0.26	2d6/15 L=24	20,2,5
		24.0	0.51	7.7	7.7	0.0	0.0	0.19	0.12	0.28	2d6/15 L=24	20,2,5
171	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.19	0.13	0.27	2d6/15 L=24	20,2,5
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.15	0.13	0.30	2d6/15 L=24	20,2,5
		24.0	0.51	7.7	7.7	0.0	0.0	0.12	0.14	0.32	2d6/15 L=24	20,2,5
130	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.12	0.14	0.31	2d6/15 L=24	20,2,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.08	0.15	0.33	2d6/15 L=24	20,2,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.04	0.15	0.36	2d6/15 L=24	24,2,1
172	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.04	0.15	0.35	2d6/15 L=24	24,2,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.05	0.16	0.37	2d6/15 L=24	24,2,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.09	0.16	0.39	2d6/15 L=24	20,2,1
131	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.09	0.15	0.38	2d6/15 L=24	20,2,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.13	0.16	0.40	2d6/15 L=24	22,2,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.18	0.16	0.43	2d6/15 L=24	22,2,1
173	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.20	0.14	0.48	2d6/15 L=24	21,2,1
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.0	0.26	0.14	0.50	2d6/15 L=24	17,2,1
		24.0	0.51	7.7	7.7	0.0	0.0	0.32	0.14	0.52	2d6/15 L=24	25,2,1
<b>M_T= 18 Z=305.0 N=48 N=1405</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
66	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.51	0.22	0.51	2d6/15 L=32	5,1,5
	s=8,m=159	22.3	0.51	7.7	7.7	0.0	0.0	0.39	0.22	0.50	2d6/15 L=32	5,1,5
		44.6	0.51	7.7	7.7	0.0	0.0	0.27	0.22	0.49	2d6/15 L=32	5,1,5
183	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.27	0.22	0.49	2d6/15 L=45	5,1,5
	s=8,m=159	22.3	0.51	7.7	7.7	0.0	0.0	0.15	0.22	0.47	2d6/15 L=45	6,1,5
		44.6	0.51	7.7	7.7	0.0	0.0	0.05	0.21	0.46	2d6/15 L=45	30,1,5
<b>M_T= 19 Z=395.0 N=8 N=10</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
70	ok,ok	0.0	1.54	9.2	9.2	3.1	0.0	0.14	0.24	0.59	2d8/15 L=516	10,14,14
	s=14,m=159	268.3	1.54	9.2	9.2	3.1	0.0	0.09	0.20	0.46	2d8/15 L=516	13,14,14
		536.7	1.54	9.2	9.2	3.1	0.0	0.08	0.23	0.55	2d8/15 L=516	11,2,5
<b>M_T= 20 Z=340.0 N=2 N=4</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
71	ok,ok	0.0	0.61	9.2	12.3	0.0	0.0	0.27	0.14	0.39	2d8/15 L=600	16,16,16
	s=7,m=159	300.0	0.46	9.2	9.2	0.0	0.0	0.63	0.04	0.02	2d8/15 L=600	3,16,13
		599.9	0.61	9.2	12.3	0.0	0.0	0.28	0.13	0.39	2d8/15 L=600	13,16,13
<b>M_T= 21 Z=314.7 N=30 N=31</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
82	ok,ok	0.0	0.61	9.2	12.3	0.0	0.59	0.11	0.19	0.07	2d8/15 L=615	7,7,7
	s=7,m=159	307.3	0.46	9.2	9.2	0.0	0.42	0.13	0.07	8.85e-03	2d8/15 L=615	7,7,6
		614.5	0.61	9.2	12.3	0.0	0.59	0.21	0.21	0.08	2d8/15 L=615	6,7,6
<b>M_T= 22 Z=288.0 N=54 N=1681</b>												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
91	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.04	0.24	0.21	2d6/15 L=33	26,6,26
	s=8,m=159	16.6	0.51	7.7	7.7	0.0	0.0	0.08	0.24	0.22	2d6/15 L=33	26,6,26
		33.1	0.51	7.7	7.7	0.0	0.0	0.11	0.24	0.23	2d6/15 L=33	6,6,26
92	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.11	0.24	0.23	2d6/15 L=33	6,6,25
	s=8,m=159	16.6	0.51	7.7	7.7	0.0	0.0	0.15	0.24	0.24	2d6/15 L=33	26,6,25
		33.1	0.51	7.7	7.7	0.0	0.0	0.20	0.24	0.25	2d6/15 L=33	26,6,25
94	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.20	0.24	0.25	2d6/15 L=33	26,6,25
	s=8,m=159	16.6	0.51	7.7	7.7	0.0	0.0	0.24	0.24	0.26	2d6/15 L=33	26,6,25
		33.1	0.51	7.7	7.7	0.0	0.0	0.29	0.25	0.27	2d6/15 L=33	26,6,25
95	ok,ok	0.0	0.51	7.7	7.7	0.0	0.0	0.29	0.25	0.27	2d6/15 L=21	26,6,25
	s=8,m=159	16.6	0.51	7.7	7.7	0.0	0.0	0.34	0.25	0.28	2d6/15 L=21	26,6,25
		33.1	0.51	7.7	7.7	0.0	0.0	0.39	0.25	0.29	2d6/15 L=21	26,6,25
Trave			%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		
			1.67	22.00	18.00	6.16	0.69	1.29	0.54	2.66		

Trave	M negativo	iM positivo	iM negativo	fM positivo	fLuce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	daN cm	daN cm	daN cm	daN cm	cm	daN	daN	daN	daN	daN	cm2
7	8.821e+05	8.821e+05	8.821e+05	8.821e+05	314.46	4017.25	4017.25	0.0	0.0	0.0	0.0
16	8.821e+05	8.821e+05	8.821e+05	8.821e+05	327.64	3855.68	3855.68	0.0	0.0	0.0	0.0
32	3.809e+06	3.153e+06	3.809e+06	3.153e+06	668.46	1.041e+04	1.041e+04	0.0	0.0	0.0	0.0
33	3.809e+06	3.153e+06	3.809e+06	3.153e+06	631.64	1.102e+04	1.102e+04	0.0	0.0	0.0	0.0
34	3.809e+06	3.153e+06	3.809e+06	3.153e+06	654.97	1.063e+04	1.063e+04	0.0	0.0	0.0	0.0
37	1.929e+06	1.929e+06	1.734e+06	2.318e+06	585.11	5147.00	4430.14	0.0	0.0	0.0	0.0
43	1.100e+06	1.100e+06	1.100e+06	1.100e+06	82.88	1.874e+04	1.874e+04	0.0	0.0	0.0	0.0
44	1.326e+06	1.025e+06	1.326e+06	1.025e+06	424.18	3915.59	3915.59	0.0	0.0	0.0	0.0
46	1.326e+06	1.025e+06	1.326e+06	1.025e+06	513.29	3235.85	3235.85	0.0	0.0	0.0	0.0
47	1.326e+06	1.025e+06	1.326e+06	1.025e+06	434.87	3819.31	3819.31	0.0	0.0	0.0	0.0
49	1.326e+06	1.025e+06	1.326e+06	1.025e+06	474.09	3503.40	3503.40	0.0	0.0	0.0	0.0
50	1.264e+06	8.752e+05	1.264e+06	8.752e+05	554.73	2731.24	2731.24	0.0	0.0	0.0	0.0
52	1.150e+06	8.516e+05	1.150e+06	8.516e+05	392.27	3618.78	3618.78	0.0	0.0	0.0	0.0
55	4.970e+05	4.970e+05	4.970e+05	4.970e+05	349.40	2013.24	2013.24	0.0	0.0	0.0	0.0
61	3.794e+06	2.980e+06	3.794e+06	2.980e+06	535.58	1.265e+04	1.265e+04	0.0	0.0	0.0	0.0
63	1.326e+06	1.025e+06	1.326e+06	1.025e+06	354.43	4686.20	4686.20	0.0	0.0	0.0	0.0
66	8.510e+05	8.510e+05	8.510e+05	8.510e+05	76.98	1.565e+04	1.565e+04	0.0	0.0	0.0	0.0
67	3.794e+06	2.980e+06	3.794e+06	2.980e+06	531.56	1.274e+04	1.274e+04	0.0	0.0	0.0	0.0
70	8.821e+05	8.821e+05	8.821e+05	8.821e+05	516.29	2446.83	2446.83	0.0	0.0	0.0	0.0
71	1.326e+06	1.025e+06	1.326e+06	1.025e+06	599.92	2768.55	2768.55	0.0	0.0	0.0	0.0
73	9.949e+05	9.949e+05	9.949e+05	9.949e+05	165.01	8534.34	8534.34	0.0	0.0	0.0	0.0
76	9.949e+05	9.949e+05	9.949e+05	9.949e+05	614.51	2291.70	2291.70	0.0	0.0	0.0	0.0
78	1.326e+06	1.025e+06	1.326e+06	1.025e+06	522.81	3176.89	3176.89	0.0	0.0	0.0	0.0
81	1.100e+06	1.100e+06	1.100e+06	1.100e+06	454.39	3418.23	3418.23	0.0	0.0	0.0	0.0
82	4.059e+06	3.161e+06	4.059e+06	3.161e+06	614.51	1.175e+04	1.175e+04	0.0	0.0	0.0	0.0
91	8.510e+05	8.510e+05	8.510e+05	8.510e+05	120.11	1.003e+04	1.003e+04	0.0	0.0	0.0	0.0
92	8.510e+05	8.510e+05	8.510e+05	8.510e+05	120.11	1.003e+04	1.003e+04	0.0	0.0	0.0	0.0
94	8.510e+05	8.510e+05	8.510e+05	8.510e+05	120.11	1.003e+04	1.003e+04	0.0	0.0	0.0	0.0
95	8.510e+05	8.510e+05	8.510e+05	8.510e+05	120.11	1.003e+04	1.003e+04	0.0	0.0	0.0	0.0
102	9.512e+05	9.512e+05	9.512e+05	9.512e+05	130.01	1.049e+04	1.049e+04	0.0	0.0	0.0	0.0
183	8.510e+05	8.510e+05	8.510e+05	8.510e+05	76.98	1.565e+04	1.565e+04	0.0	0.0	0.0	0.0
184	1.070e+06	1.070e+06	1.070e+06	1.070e+06	181.78	8340.87	8340.87	0.0	0.0	0.0	0.0

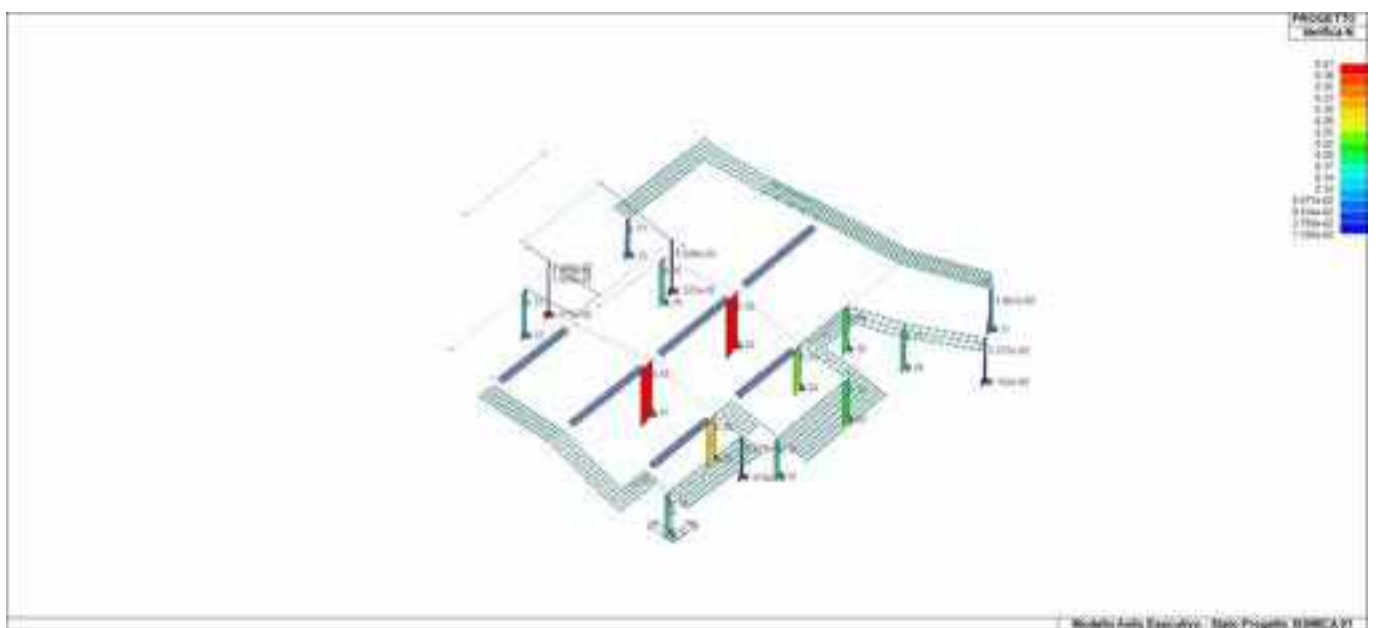
Trave	M negativo	iM positivo	iM negativo	fM positivo	f	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	4.059e+06	3.161e+06	4.059e+06	3.161e+06		1.874e+04	1.874e+04	0.0	0.0	0.0	0.0



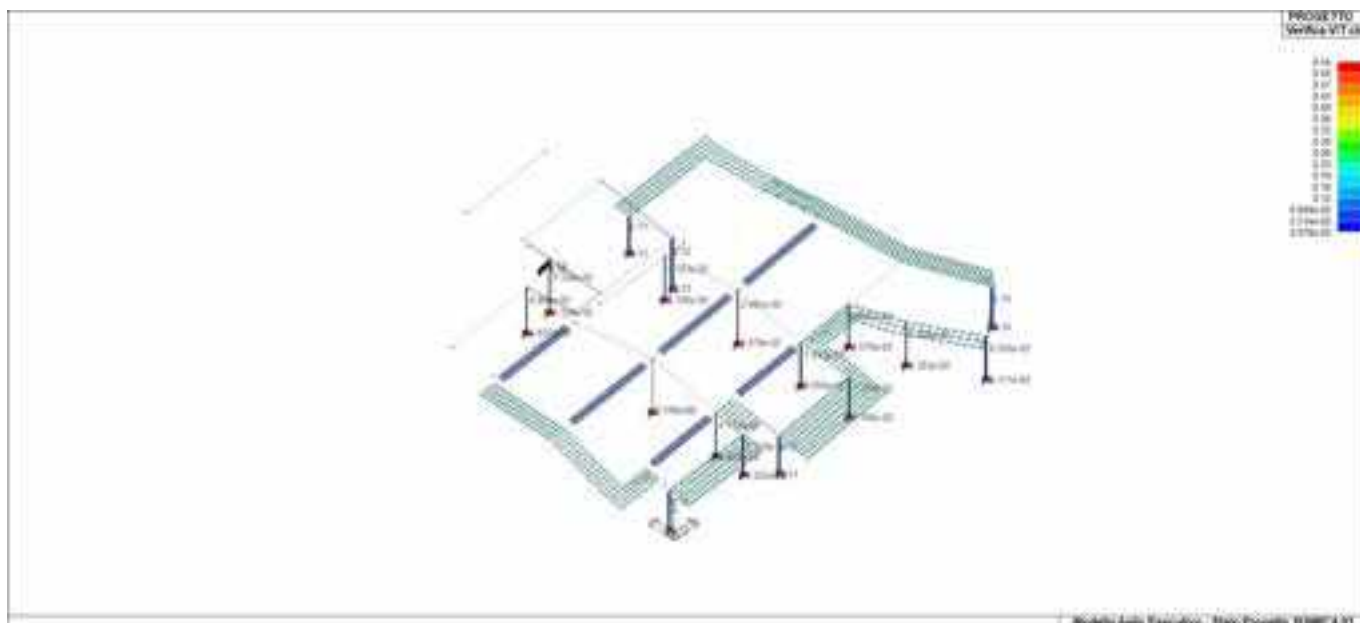
71\_CA\_PILa\_01\_Stato progetto



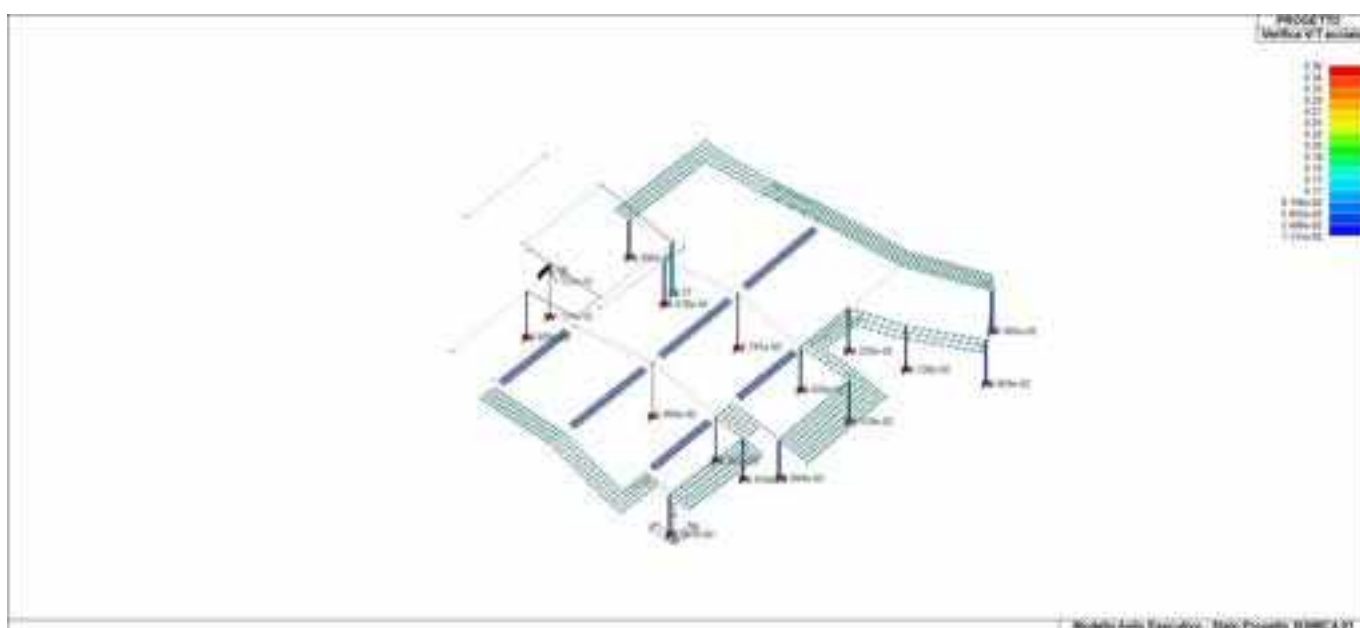
71\_CA\_PILa\_17\_Verifica NM



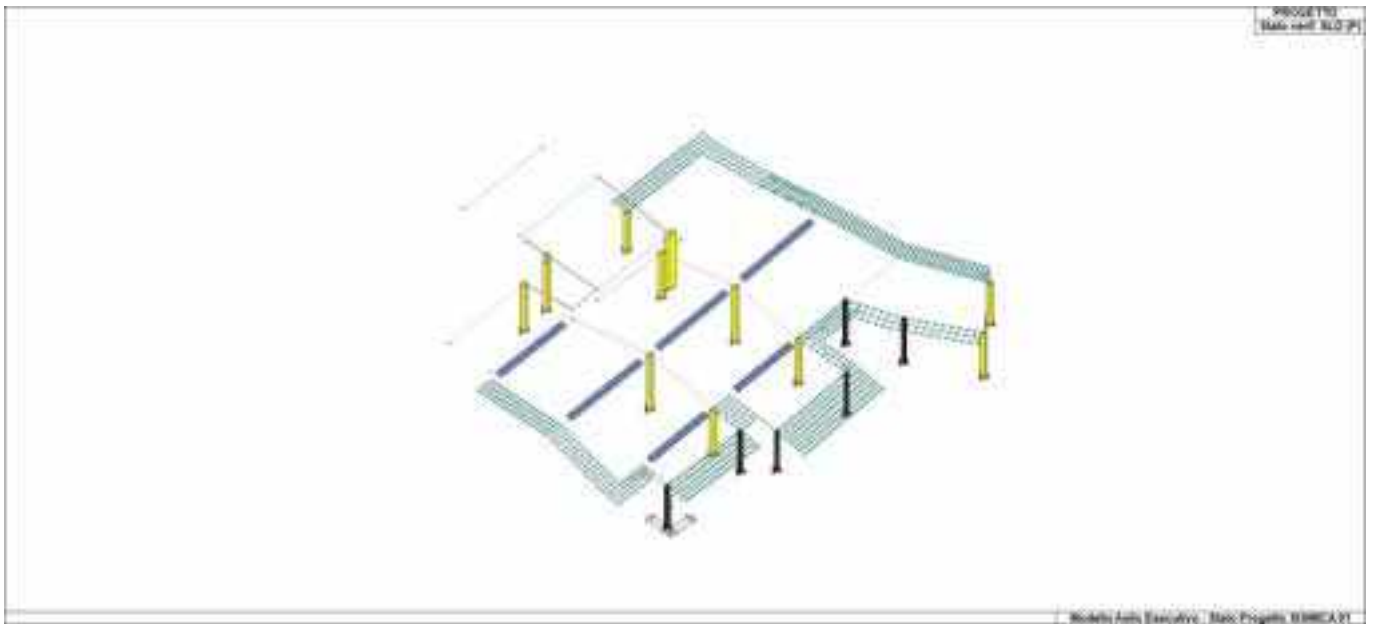
71\_CA\_PILa\_18\_Verifica N



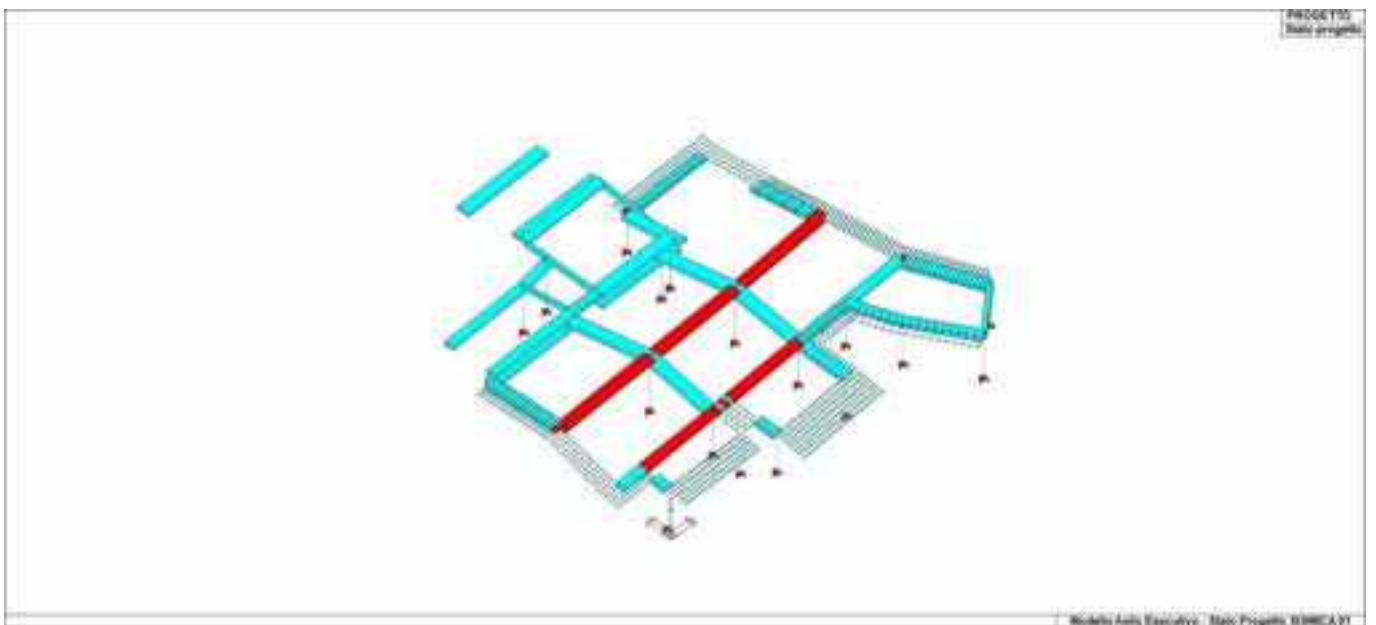
71\_CA\_PiLa\_20\_Verifica VT cls



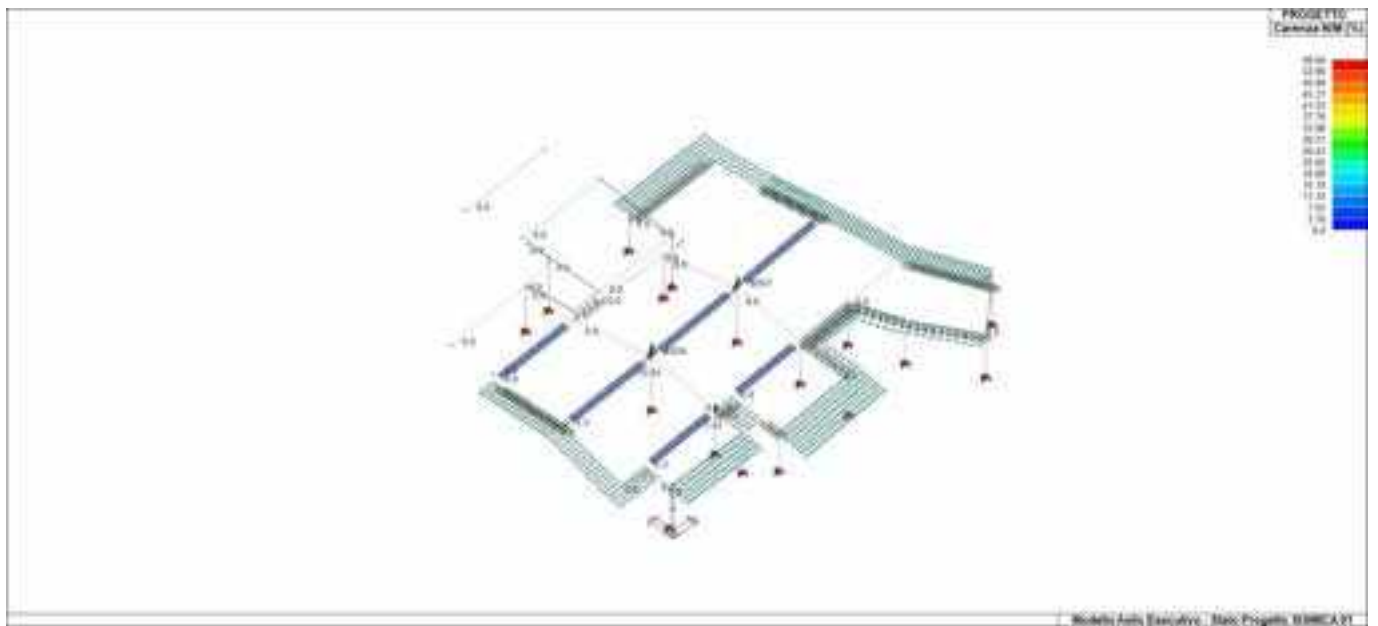
71\_CA\_PiLa\_21\_Verifica VT acciaio

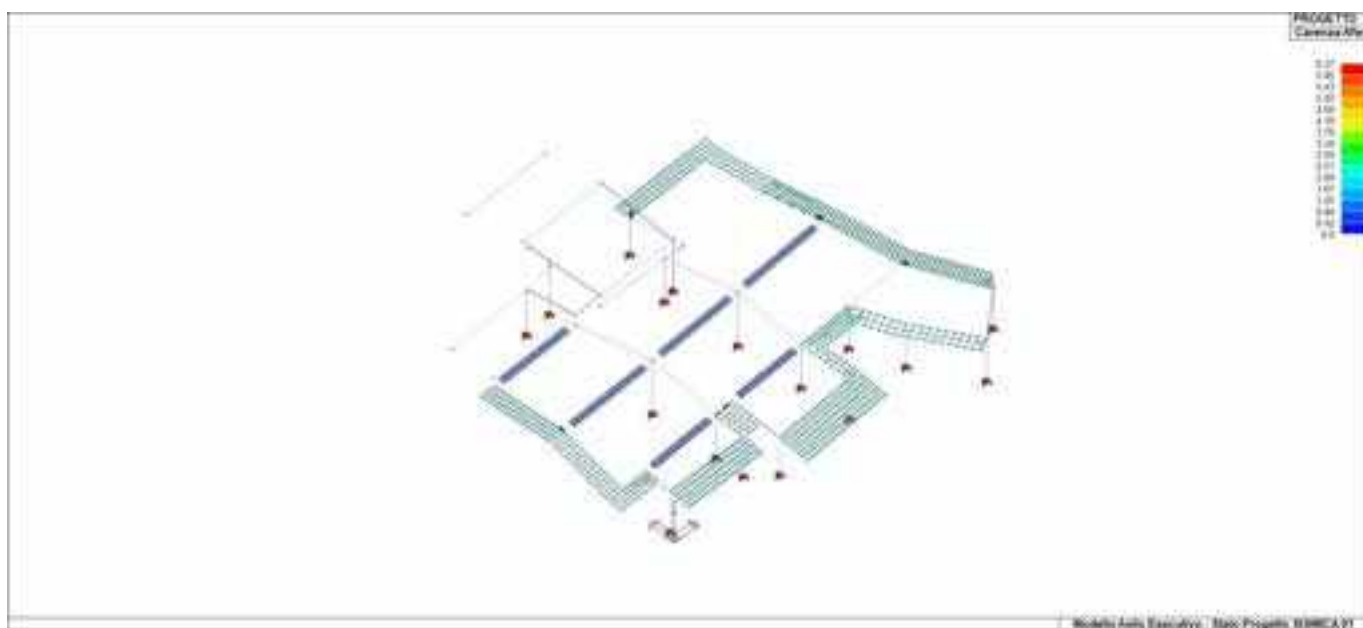
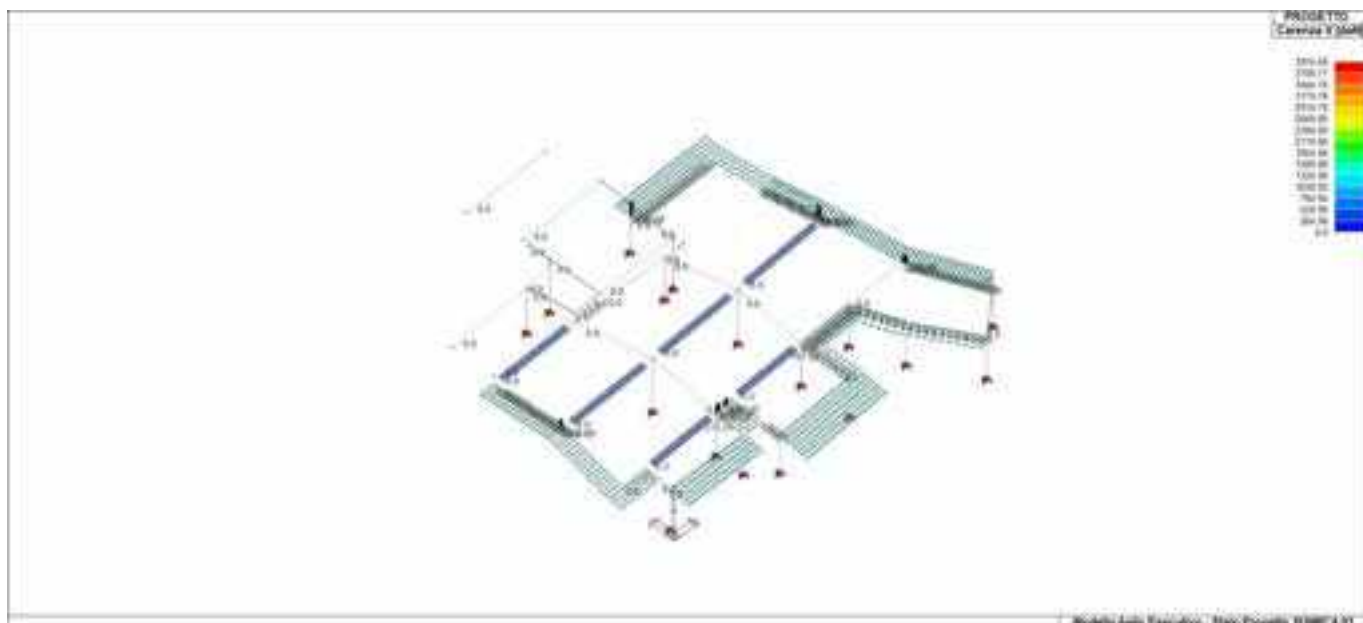


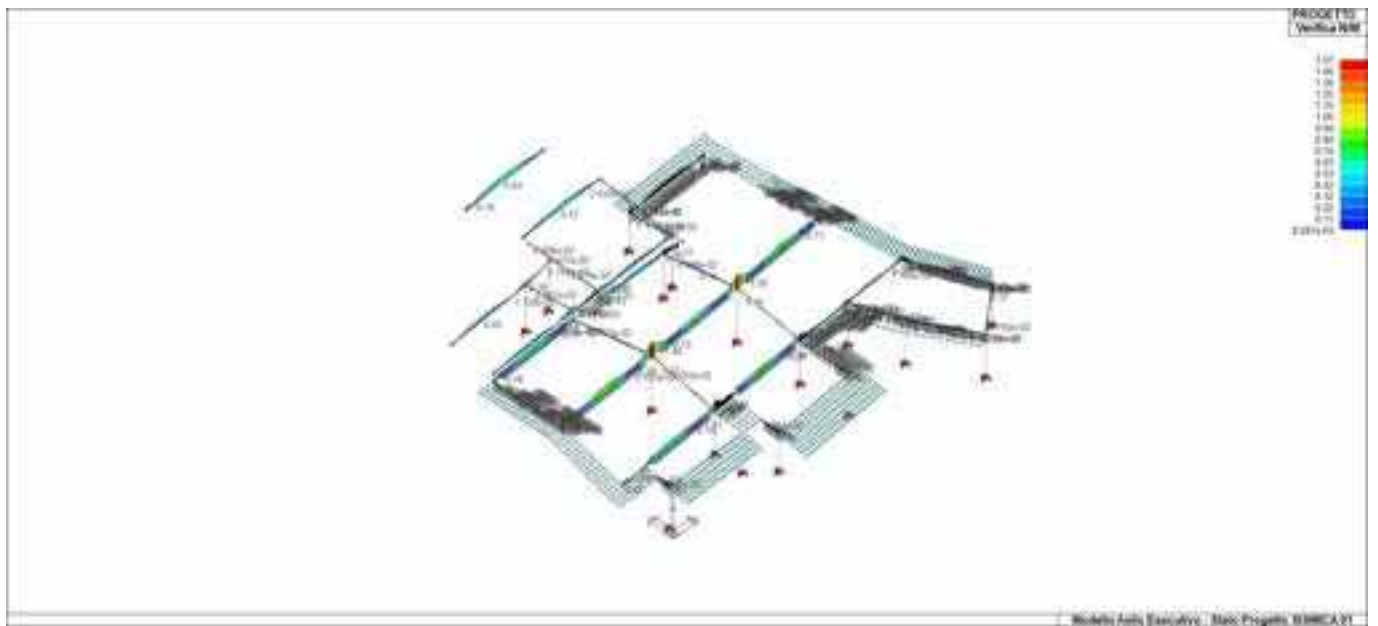
71\_CA\_PILa\_28\_Stato verif SLD P



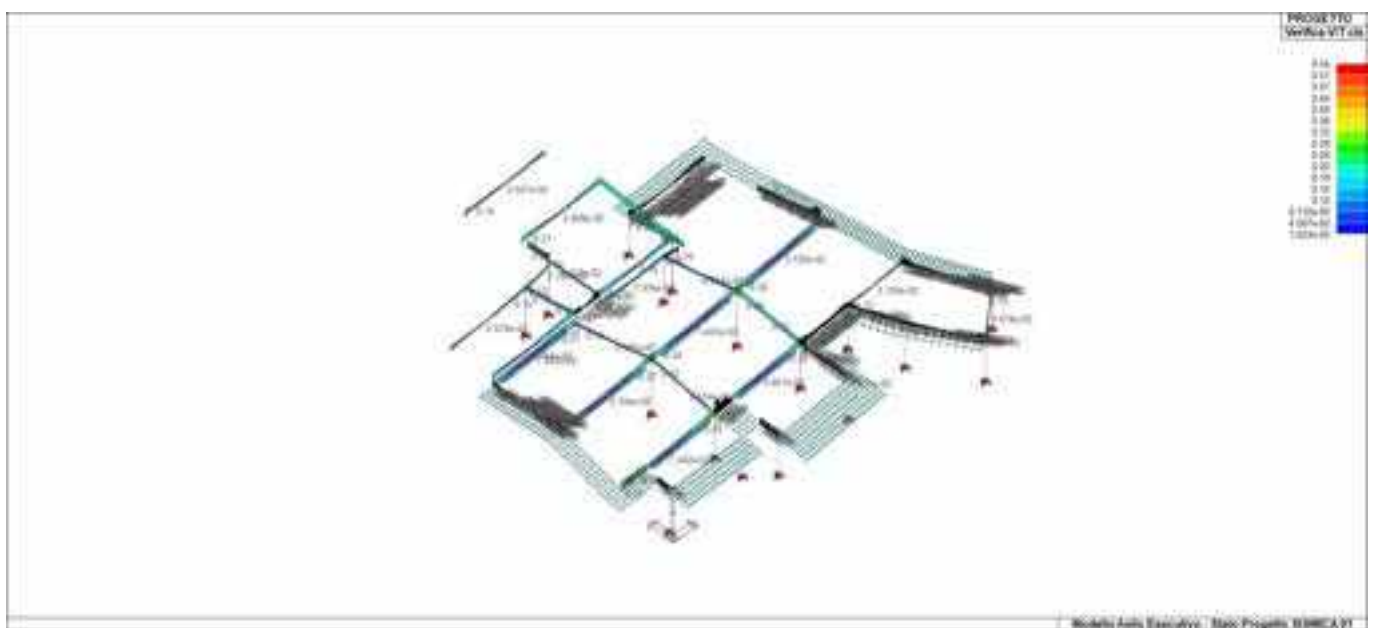
71\_CA\_TRVa\_01\_Stato progetto



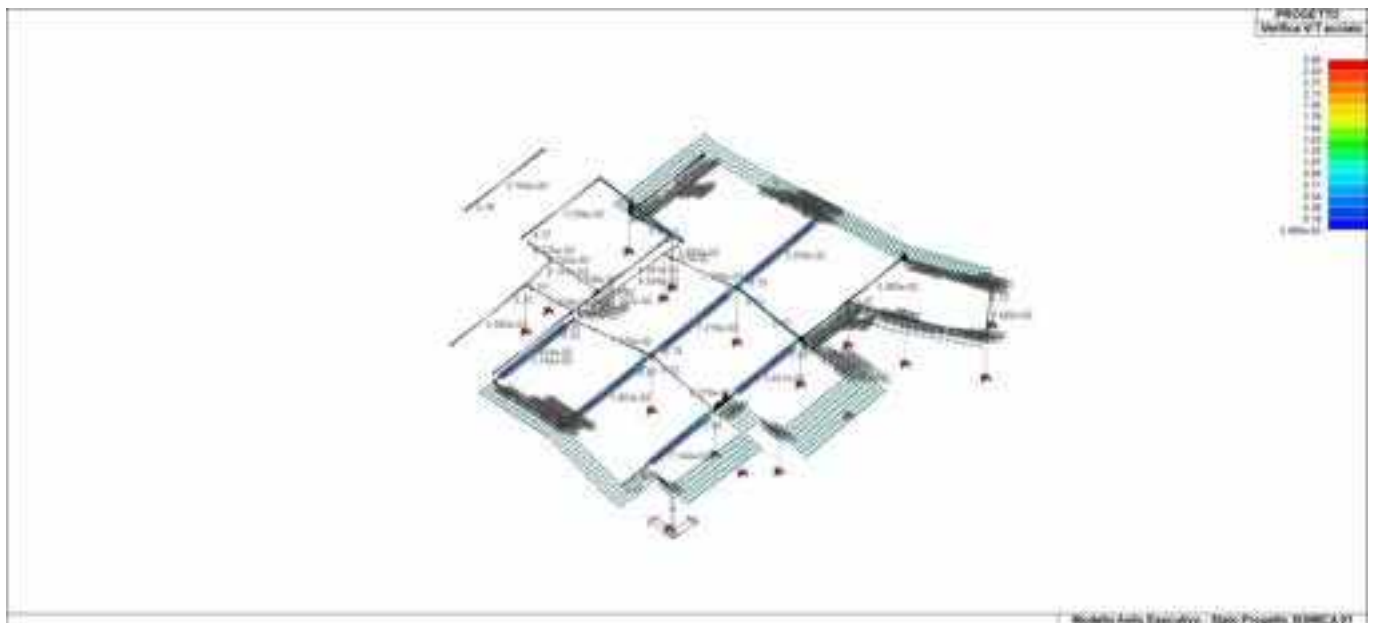




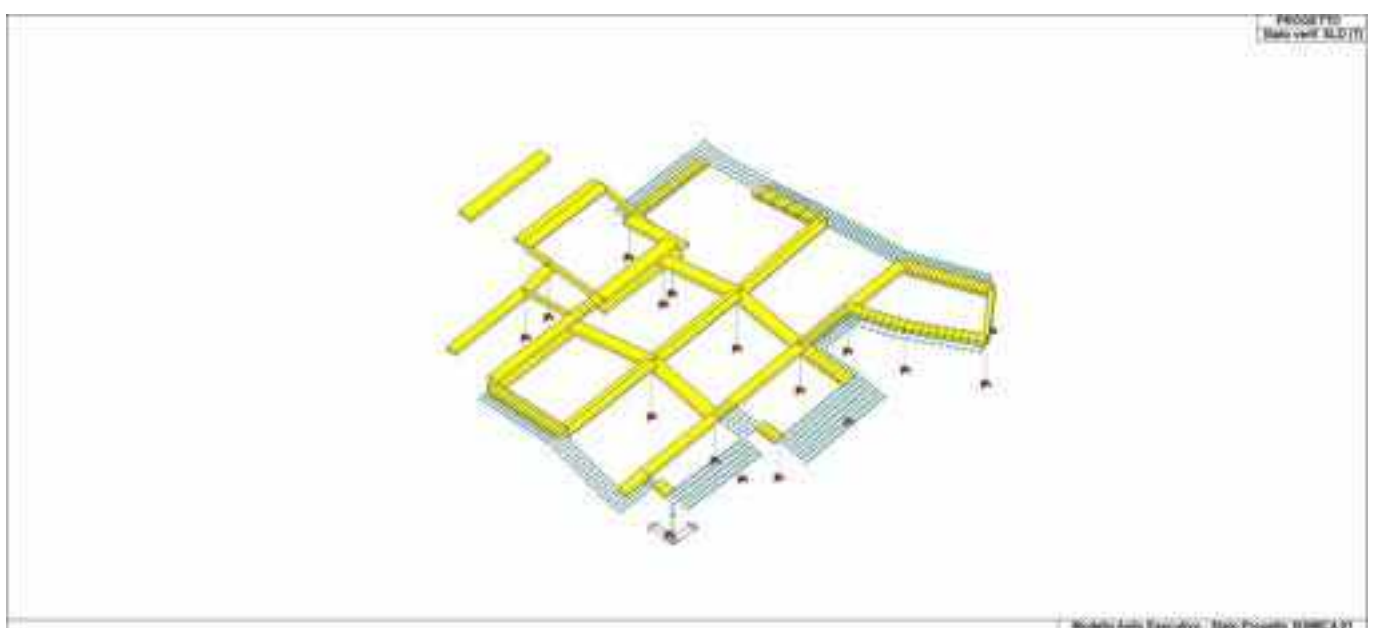
71\_CA\_TRVa\_12\_Verifica NM



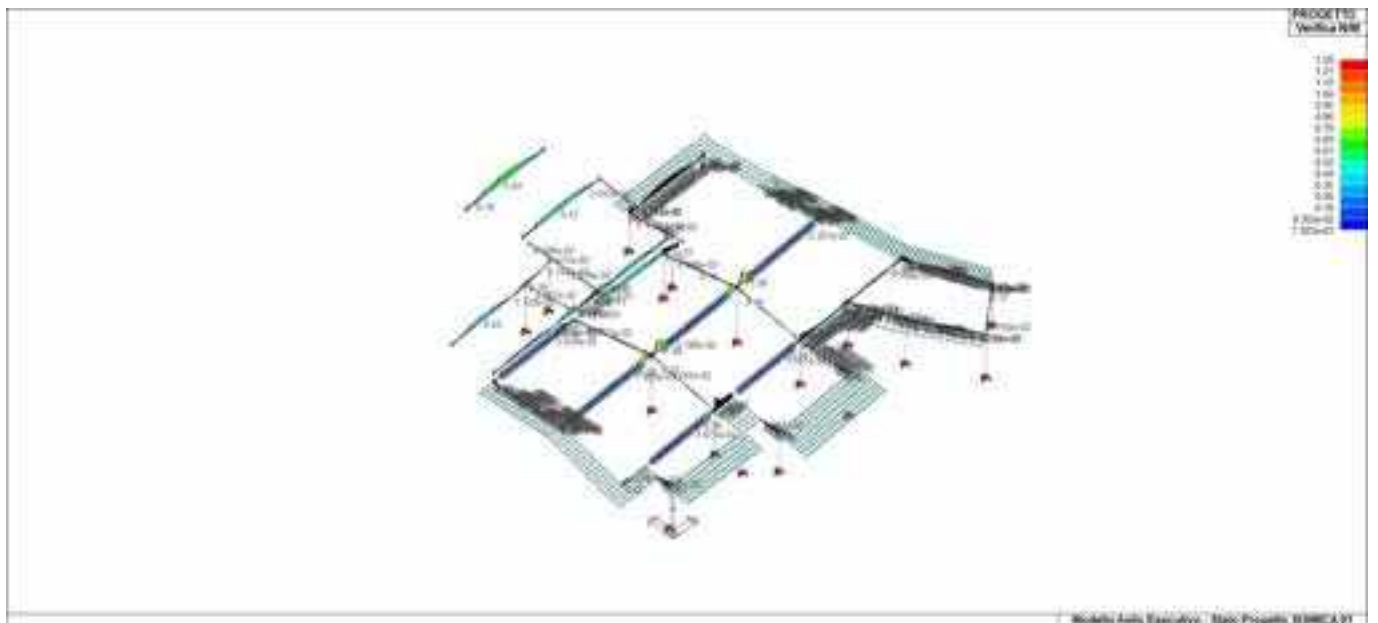
71\_CA\_TRVa\_14\_Verifica VT cls



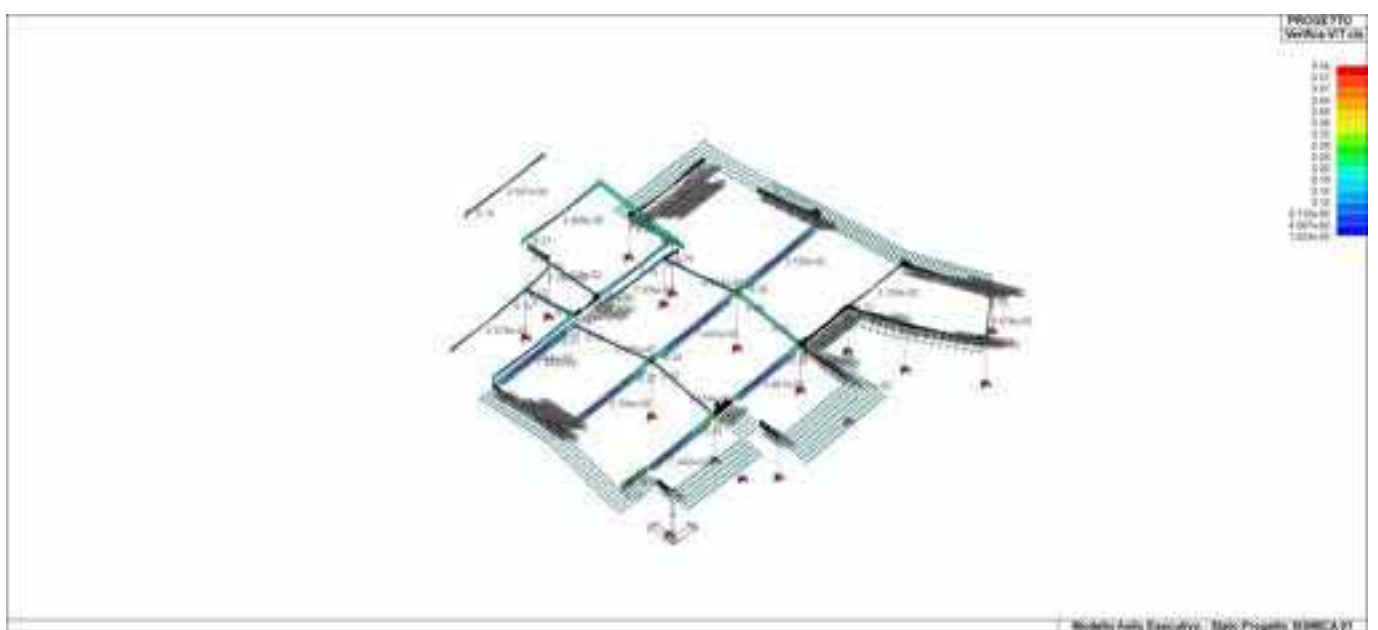
71\_CA\_TRVa\_15\_Verifica VT acciaio



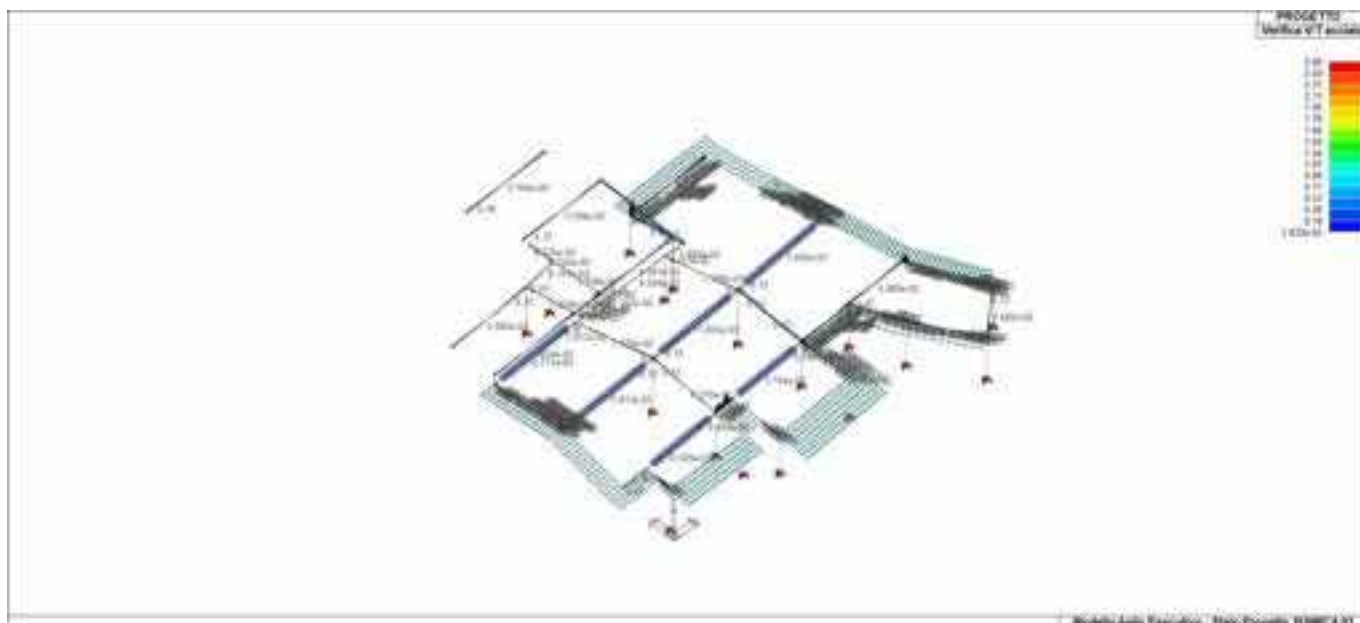
71\_CA\_TRVa\_18\_Stato verif SLD T



71\_CA\_TRVp\_08\_Verifica NM



71\_CA\_TRVp\_11\_Verifica VT cls



71\_CA\_TRVp\_12\_Verifica VT acciaio

## VERIFICHE ELEMENTI PARETE E/O GUSCIO IN C.A.

### LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata*.

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV**, il rapporto  $x/d$ , la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per  $q$  superiore a 2 e i valori di involuppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento*, riportando in tabella il rapporto  $x/d$ , la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione di tipo "*Singolo Elemento* ..." è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento

Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO
---------------	---

Per gli elementi con progettazione di tipo “*Parete Sismica*” e “*Parete Debolmente Armata*” è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Sia per le verifiche degli elementi con progettazione di tipo “*Singolo Elemento ...*” e “*Parete ...*” è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento <b>ok</b> o <b>NV</b>
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e/o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e/o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx My Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento <b>ok</b> o <b>NV</b>
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria

V sec-	Verifica dell'armatura nella direzione secondaria
--------	---

Per le verifiche degli elementi con progettazione “*Parete Sismica o Parete Debolmente Armata*”, oltre alla tabella con le verifiche per gli elementi con progettazione “*Singolo Elemento ...*”, è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e attinge il massimo valore
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]
A s.i.	Somma delle aree di armature

Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato $N_{ed}/(b w f_{yd})$

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento <b>ok</b> o <b>NV</b>
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armature in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armature in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

## PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

“Sia per CD“A” sia per CD“B” il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- [...];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD“A” e 1,10 in CD“B”;

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO\_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO\_SAP (per travi e platee) o da PRO\_CAD Plinti (per plinti e pali di fondazione) incrementando la componente sismica delle combinazioni di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.

Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e

1.35 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche di pali, plinti, plinti su pali, travi e platee vengono effettuate dal modulo geotecnico incrementando automaticamente la componente sismica delle azioni di un fattore 1.1 in CDB e 1.3 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
9	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
36	ok	0.15	0.9	6.67e-02	7.7	7.7	7.7	7.7	31.0	115.4	1.0	1034.9	2254.3	679.7
72	ok	0.15	0.2	6.85e-02	7.7	7.7	7.7	7.7	-6.4	153.2	-35.1	-637.1	-103.4	-383.6
87	ok	0.15	5.62e-02	4.11e-02	7.7	7.7	7.7	7.7	11.7	109.3	-34.7	-220.6	-14.1	-47.4
96	ok	0.15	3.25e-02	2.42e-02	7.7	7.7	7.7	7.7	1.3	71.3	-24.2	-123.6	-11.7	-37.1
105	ok	0.15	3.55e-02	1.57e-02	7.7	7.7	7.7	7.7	-3.2	39.1	-31.3	-115.1	-38.3	-57.7
114	ok	0.15	5.33e-02	1.21e-02	7.7	7.7	7.7	7.7	-3.6	30.3	-29.0	-161.2	-54.5	-88.0
123	ok	0.15	8.44e-02	1.17e-02	7.7	7.7	7.7	7.7	-3.4	18.2	-26.0	-265.4	-83.4	-126.1
132	ok	0.15	0.1	9.73e-03	7.7	7.7	7.7	7.7	3.2	68.9	27.8	-476.9	-88.3	-204.3
141	ok	0.15	0.3	7.36e-03	7.7	7.7	7.7	7.7	2.5	41.2	-1.3	-994.1	-196.8	-175.5
854	ok	0.15	0.1	8.25e-02	7.7	7.7	7.7	7.7	1.2	131.4	2.0	16.2	331.2	36.0
855	ok	0.15	0.1	3.65e-02	7.7	7.7	7.7	7.7	-6.9	-60.7	5.3	-24.7	352.0	-239.7
856	ok	0.15	7.38e-02	7.97e-02	7.7	7.7	7.7	7.7	5.5	107.4	3.3	14.8	238.5	42.2
857	ok	0.15	6.54e-02	7.00e-02	7.7	7.7	7.7	7.7	-2.5	-159.0	13.6	14.4	10.4	-78.1
858	ok	0.15	5.99e-02	6.24e-02	7.7	7.7	7.7	7.7	-0.9	-109.3	8.7	12.3	-102.3	-90.8
859	ok	0.15	5.78e-02	5.89e-02	7.7	7.7	7.7	7.7	-2.3	-111.8	1.6	13.6	-165.2	-118.6
860	ok	0.15	7.18e-02	5.66e-02	7.7	7.7	7.7	7.7	0.7	-16.7	-3.0	10.2	-231.3	-135.0
861	ok	0.15	8.45e-02	5.45e-02	7.7	7.7	7.7	7.7	1.0	-24.5	-3.4	15.2	-267.6	-179.4
862	ok	0.15	9.06e-02	5.25e-02	7.7	7.7	7.7	7.7	1.9	-34.1	-3.9	19.9	-270.1	-223.0
863	ok	0.15	7.98e-02	4.99e-02	7.7	7.7	7.7	7.7	1.3	-45.5	-4.4	26.2	-172.7	-258.0
864	ok	0.15	8.51e-02	4.62e-02	7.7	7.7	7.7	7.7	-0.3	-71.4	12.2	32.9	90.7	-306.2
867	ok	0.15	0.1	5.69e-02	7.7	7.7	7.7	7.7	-1.2	107.6	-30.7	-61.2	391.2	87.9
868	ok	0.15	0.2	4.96e-02	7.7	7.7	7.7	7.7	88.3	-101.1	-44.4	37.5	794.0	-108.3
870	ok	0.15	0.2	9.93e-03	7.7	7.7	7.7	7.7	5.1	16.4	-8.7	-297.6	-161.7	-576.5
871	ok	0.15	0.2	1.26e-02	7.7	7.7	7.7	7.7	0.3	7.4	-14.6	-268.9	-176.7	-487.0
872	ok	0.15	0.1	1.56e-02	7.7	7.7	7.7	7.7	1.3	21.3	-31.5	-231.0	-156.2	-335.3
873	ok	0.15	9.80e-02	2.07e-02	7.7	7.7	7.7	7.7	1.1	28.8	-32.3	-183.7	-122.7	-233.4
874	ok	0.15	6.89e-02	2.84e-02	7.7	7.7	7.7	7.7	1.1	39.9	-33.0	-154.1	-96.1	-151.1
875	ok	0.15	4.91e-02	3.59e-02	7.7	7.7	7.7	7.7	-1.9	54.2	-33.9	-142.7	-70.7	-91.1
876	ok	0.15	4.42e-02	4.29e-02	7.7	7.7	7.7	7.7	2.0	32.0	-12.6	-94.8	19.8	-95.8
877	ok	0.15	0.2	4.43e-02	7.7	7.7	7.7	7.7	14.0	64.3	-13.8	253.9	608.4	50.9
878	ok	0.15	0.2	1.94e-02	7.7	7.7	7.7	7.7	4.3	-24.6	23.0	69.6	252.7	-569.3
879	ok	0.15	0.2	2.11e-02	7.7	7.7	7.7	7.7	-0.9	-12.5	-8.7	-31.0	-183.7	-525.3
880	ok	0.15	0.2	2.59e-02	7.7	7.7	7.7	7.7	-1.9	-9.0	-8.7	-81.5	-253.7	-473.5
881	ok	0.15	0.1	3.13e-02	7.7	7.7	7.7	7.7	-1.8	-4.6	-7.4	-87.4	-235.5	-377.7
882	ok	0.15	0.1	3.68e-02	7.7	7.7	7.7	7.7	-0.6	5.5	-7.60e-02	-76.9	-196.0	-278.9
883	ok	0.15	7.64e-02	4.23e-02	7.7	7.7	7.7	7.7	-0.5	9.0	-2.5	-63.7	-158.3	-196.6
884	ok	0.15	5.03e-02	4.77e-02	7.7	7.7	7.7	7.7	8.04e-02	9.5	-7.6	-68.7	-102.9	-121.1
885	ok	0.15	5.23e-02	5.27e-02	7.7	7.7	7.7	7.7	-8.0	-113.7	17.2	25.7	32.9	-104.5
886	ok	0.15	9.69e-02	5.71e-02	7.7	7.7	7.7	7.7	10.2	103.8	-13.0	-30.5	323.3	35.3
887	ok	0.15	8.55e-02	2.33e-02	7.7	7.7	7.7	7.7	8.0	-19.6	-43.0	216.0	74.7	223.8
888	ok	0.15	8.20e-02	2.92e-02	7.7	7.7	7.7	7.7	-1.8	-42.9	-47.1	61.4	-195.0	217.4
889	ok	0.15	0.1	2.91e-02	7.7	7.7	7.7	7.7	-0.6	-57.6	-34.2	21.5	-323.3	228.3
890	ok	0.15	0.1	3.54e-02	7.7	7.7	7.7	7.7	1.7	-69.3	-30.7	23.2	-379.0	237.2
891	ok	0.15	0.1	3.82e-02	7.7	7.7	7.7	7.7	-1.6	6.8	-8.5	54.4	-378.7	209.9

892	ok	0.15	9.27e-02	4.36e-02	7.7	7.7	7.7	7.7	-4.3	-68.7	-23.3	127.6	-274.9	257.5
893	ok	0.15	0.1	4.75e-02	7.7	7.7	7.7	7.7	-12.4	-79.5	-20.1	348.7	-66.5	286.9
894	ok	0.15	0.2	5.12e-02	7.7	7.7	7.7	7.7	-24.3	-42.1	-5.2	873.5	378.7	322.0
895	ok	0.15	0.6	6.21e-02	7.7	7.7	7.7	7.7	10.7	-5.6	20.0	2200.8	1007.6	516.6
896	ok	0.15	6.52e-02	6.98e-02	7.7	7.7	7.7	7.7	5.6	100.4	-7.7	10.9	133.3	41.8
897	ok	0.15	7.55e-02	4.49e-02	7.7	7.7	7.7	7.7	-1.1	-59.7	0.6	-5.7	-223.2	90.5
898	ok	0.15	0.1	2.24e-02	7.7	7.7	7.7	7.7	-6.52e-02	-6.4	-4.0	-2.0	-363.6	86.3
899	ok	0.15	0.2	1.90e-03	7.7	7.7	7.7	7.7	-0.2	181.2	-1.5	-4.7	-414.1	70.5
900	ok	0.15	0.1	1.05e-03	7.7	7.7	7.7	7.7	4.55e-02	208.1	-3.5	-2.8	-369.5	53.5
901	ok	0.15	8.42e-02	3.88e-04	7.7	7.7	7.7	7.7	1.2	148.7	-7.7	-9.3	-207.2	69.4
902	ok	0.15	6.99e-02	2.46e-04	7.7	7.7	7.7	7.7	0.9	140.0	-7.8	-11.8	192.8	10.7
903	ok	0.15	0.2	2.08e-04	7.7	7.7	7.7	7.7	0.2	150.8	-5.6	2.9	611.5	-104.0
904	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	7.5	147.0	-23.8	94.6	600.5	-244.9
906	ok	0.15	0.4	5.07e-02	7.7	7.7	7.7	7.7	13.1	-19.4	-33.0	1609.6	377.0	421.5
907	ok	0.15	0.1	4.87e-02	7.7	7.7	7.7	7.7	-15.4	-38.1	-8.6	467.7	127.3	267.3
908	ok	0.15	9.23e-02	4.66e-02	7.7	7.7	7.7	7.7	-8.7	-73.4	-23.2	251.7	-148.5	272.7
909	ok	0.15	0.1	4.06e-02	7.7	7.7	7.7	7.7	-1.3	-60.2	-25.5	63.5	-356.6	247.0
910	ok	0.15	0.1	3.84e-02	7.7	7.7	7.7	7.7	-1.6	-1.0	-11.1	37.2	-390.2	209.6
911	ok	0.15	0.1	3.30e-02	7.7	7.7	7.7	7.7	-0.4	-64.0	-40.1	20.5	-355.6	231.7
912	ok	0.15	1.00e-01	3.11e-02	7.7	7.7	7.7	7.7	-1.0	-48.2	-33.6	29.8	-290.2	222.8
913	ok	0.15	6.67e-02	2.75e-02	7.7	7.7	7.7	7.7	2.0	-26.9	-46.8	147.7	-61.1	212.3
914	ok	0.15	0.1	2.46e-02	7.7	7.7	7.7	7.7	20.3	0.3	-65.1	476.5	226.0	272.1
915	ok	0.15	0.1	7.66e-02	7.7	7.7	7.7	7.7	3.2	144.2	-15.9	8.6	322.2	54.4
916	ok	0.15	5.50e-02	5.61e-02	7.7	7.7	7.7	7.7	-0.1	-84.1	1.7	-21.0	-125.6	82.8
917	ok	0.15	0.1	3.35e-02	7.7	7.7	7.7	7.7	-0.4	-29.0	-4.9	2.0	-301.6	93.9
918	ok	0.15	0.1	1.20e-02	7.7	7.7	7.7	7.7	-1.6	9.3	-0.7	-7.9	-396.4	86.0
919	ok	0.15	0.2	8.88e-04	7.7	7.7	7.7	7.7	-0.2	188.5	-2.4	-2.0	-402.6	68.9
920	ok	0.15	0.1	5.56e-04	7.7	7.7	7.7	7.7	1.0	130.3	-7.2	-10.5	-301.4	76.6
921	ok	0.15	3.81e-02	3.72e-04	7.7	7.7	7.7	7.7	0.5	161.2	-8.9	-4.5	-81.6	46.0
922	ok	0.15	0.1	1.12e-04	7.7	7.7	7.7	7.7	1.2	154.2	-7.3	-3.0	399.1	-29.2
923	ok	0.15	0.3	1.38e-03	7.7	7.7	7.7	7.7	-2.7	142.0	-2.4	11.6	811.7	-191.8
924	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	1.4	77.9	9.2	280.3	659.4	-270.9
927	ok	0.15	6.70e-02	5.20e-02	7.7	7.7	7.7	7.7	-0.9	76.1	-10.8	-21.5	125.7	189.5
928	ok	0.15	8.09e-02	3.97e-02	7.7	7.7	7.7	7.7	3.8	-11.8	-50.6	133.9	50.5	270.2
929	ok	0.15	7.54e-02	5.13e-02	7.7	7.7	7.7	7.7	3.6	-78.3	-14.8	-11.8	-110.4	241.4
930	ok	0.15	0.1	5.31e-03	7.7	7.7	7.7	7.7	-1.0	163.7	-13.5	0.8	-354.6	187.5
931	ok	0.15	5.62e-02	2.32e-03	7.7	7.7	7.7	7.7	-1.5	79.8	-12.4	115.4	180.7	21.2
932	ok	0.15	0.1	2.28e-02	7.7	7.7	7.7	7.7	3.2	-13.4	-18.0	-16.7	-356.5	235.4
933	ok	0.15	0.2	1.86e-02	7.7	7.7	7.7	7.7	1.6	-4.2	-12.8	-14.5	-385.7	238.4
934	ok	0.15	0.1	1.78e-03	7.7	7.7	7.7	7.7	-3.1	89.5	-8.5	195.9	370.4	-86.2
935	ok	0.15	4.55e-02	2.84e-03	7.7	7.7	7.7	7.7	-6.59e-02	102.8	-19.3	77.1	-98.3	96.6
936	ok	0.15	0.2	2.90e-03	7.7	7.7	7.7	7.7	-6.2	91.9	-1.8	275.0	580.3	-232.9
937	ok	0.15	0.1	4.05e-03	7.7	7.7	7.7	7.7	1.4	87.0	-16.8	14.2	-300.3	197.9
938	ok	0.15	0.2	9.79e-03	7.7	7.7	7.7	7.7	-1.1	142.7	-13.0	-7.9	-389.4	207.9
939	ok	0.15	0.1	3.25e-02	7.7	7.7	7.7	7.7	2.0	-35.1	-14.4	-18.1	-289.4	241.3
940	ok	0.15	0.2	1.44e-02	7.7	7.7	7.7	7.7	0.7	137.0	-17.4	-11.4	-409.1	211.8
941	ok	0.15	9.72e-02	4.12e-02	7.7	7.7	7.7	7.7	3.2	-56.6	-15.7	-14.8	-200.6	243.4
942	ok	0.15	9.11e-02	3.55e-03	7.7	7.7	7.7	7.7	0.2	91.2	-17.9	42.7	-210.6	166.1
943	ok	0.15	0.2	2.26e-02	7.7	7.7	7.7	7.7	-24.2	29.4	-6.7	722.8	293.5	113.8
944	ok	0.15	0.1	2.65e-02	7.7	7.7	7.7	7.7	-13.0	-35.5	-21.9	424.3	102.9	182.4
945	ok	0.15	7.97e-02	2.73e-02	7.7	7.7	7.7	7.7	-5.7	-15.6	-25.9	249.8	-158.5	208.3
946	ok	0.15	9.57e-02	2.76e-02	7.7	7.7	7.7	7.7	-1.8	-14.4	-28.4	132.8	-278.1	223.1
947	ok	0.15	0.1	3.16e-02	7.7	7.7	7.7	7.7	0.4	-32.6	-38.5	9.8	-355.7	238.7
948	ok	0.15	0.1	3.07e-02	7.7	7.7	7.7	7.7	-2.1	-57.5	-34.6	12.7	-384.5	241.6
949	ok	0.15	8.83e-02	3.42e-02	7.7	7.7	7.7	7.7	-9.9	-61.6	-37.9	56.3	-185.7	245.2
950	ok	0.15	0.1	3.39e-02	7.7	7.7	7.7	7.7	-6.6	-57.8	-35.1	20.9	-289.6	240.3
951	ok	0.15	0.1	2.85e-02	7.7	7.7	7.7	7.7	0.6	-12.7	-30.9	62.2	-359.6	230.7
952	ok	0.15	0.1	2.96e-02	7.7	7.7	7.7	7.7	2.0	50.9	-14.1	30.3	-394.7	204.4
953	ok	0.15	0.2	4.68e-02	7.7	7.7	7.7	7.7	16.0	-93.1	-36.1	75.4	375.6	407.9
954	ok	0.15	0.1	6.05e-02	7.7	7.7	7.7	7.7	-3.3	113.6	-29.2	-44.7	298.6	208.0
955	ok	0.15	0.3	2.26e-03	7.7	7.7	7.7	7.7	2.3	91.6	6.2	314.6	760.2	-417.5
957	ok	0.15	0.1	7.23e-03	7.7	7.7	7.7	7.7	-11.0	78.2	-2.3	466.5	302.7	-62.3
958	ok	0.15	9.03e-02	3.87e-02	7.7	7.7	7.7	7.7	-4.6	-81.9	-35.0	24.1	-182.1	243.5
959	ok	0.15	0.1	3.47e-02	7.7	7.7	7.7	7.7	-1.8	-36.9	-35.2	1.3	-305.0	224.3
960	ok	0.15	0.1	2.04e-02	7.7	7.7	7.7	7.7	1.7	108.5	-9.9	13.2	-403.2	181.5
961	ok	0.15	5.75e-02	1.19e-02	7.7	7.7	7.7	7.7	-2.8	43.2	-25.6	184.8	-139.9	132.2
962	ok	0.15	9.35e-02	1.43e-02	7.7	7.7	7.7	7.7	0.1	38.6	-27.4	100.6	-262.1	176.8
963	ok	0.15	0.1	2.41e-02	7.7	7.7	7.7	7.7	2.6	-17.7	-25.8	-4.5	-402.8	222.6
964	ok	0.15	0.2	6.83e-03	7.7	7.7	7.7	7.7	-11.5	81.9	7.9	686.8	513.0	-177.1
965	ok	0.15	7.46e-02	4.88e-02	7.7	7.7	7.7	7.7	4.4	-40.0	-28.8	26.8	64.2	255.9
966	ok	0.15	7.52e-02	9.71e-03	7.7	7.7	7.7	7.7	-7.5	26.0	-18.5	299.5	128.8	56.4
967	ok	0.15	0.3	3.14e-02	7.7	7.7	7.7	7.7	-13.2	47.4	7.3	1154.1	541.9	70.9
969	ok	0.15	0.1	1.55e-02	7.7	7.7	7.7	7.7	1.2	36.8	-26.3	41.4	-349.0	202.1
970	ok	0.15	0.1	3.07e-02	7.7	7.7	7.7	7.7	1.7	-21.1	-28.0	-9.8	-378.6	223.8

0.15      3.25      0.09    7.70    7.70    7.70    7.70    260.82    208.14    123.84    4648.25    2532.72    1050.62

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
28	ok	4.05						
36	ok	2.24						
38	ok Av	4.91	0.05	0.23	1.5	6.6	17.8	80.0
72	ok	1.85						
87	ok	0.42						
96	ok	0.20						
105	ok	0.28						
114	ok	0.41						
123	ok	0.42						
132	ok	0.48						
141	ok	1.11						
150	ok	4.39						
854	ok	0.40						
855	ok	0.88						
856	ok	0.27						
857	ok	0.26						
858	ok	0.21						
859	ok	0.13						
860	ok	0.13						
861	ok	0.23						
862	ok	0.40						
863	ok	0.61						
864	ok	0.88						
865	ok	4.83						
866	ok	1.18						
867	ok	0.62						
868	ok	1.82						
869	ok	4.67						
870	ok	1.08						
871	ok	0.64						
872	ok	0.47						
873	ok	0.38						
874	ok	0.34						
875	ok	0.29						
876	ok	0.41						
877	ok	1.78						
878	ok	1.20						
879	ok	0.79						
880	ok	0.52						
881	ok	0.36						
882	ok	0.27						
883	ok	0.25						
884	ok	0.33						
885	ok	0.42						
886	ok	0.55						
887	ok	0.97						
888	ok	0.57						
889	ok	0.28						
890	ok	0.16						
891	ok	0.19						
892	ok	0.41						
893	ok	0.57						
894	ok	1.42						
895	ok	2.25						
896	ok	0.39						
897	ok	0.32						
898	ok	0.41						
899	ok	0.41						
900	ok	0.57						
901	ok	0.55						
902	ok	0.54						
903	ok	0.44						
904	ok	1.02						
905	ok	4.13						
906	ok	2.27						
907	ok	0.92						
908	ok	0.57						
909	ok	0.29						
910	ok	0.18						
911	ok	0.27						
912	ok	0.39						

913	ok	0.58
914	ok	1.96
915	ok	0.44
916	ok	0.33
917	ok	0.33
918	ok	0.41
919	ok	0.49
920	ok	0.57
921	ok	0.55
922	ok	0.51
923	ok	1.05
924	ok	1.97
925	ok	3.54
926	ok	4.13
927	ok	0.37
928	ok	1.00
929	ok	0.41
930	ok	0.49
931	ok	0.66
932	ok	0.26
933	ok	0.26
934	ok	0.82
935	ok	0.54
936	ok	1.11
937	ok	0.51
938	ok	0.40
939	ok	0.32
940	ok	0.29
941	ok	0.42
942	ok	0.52
943	ok	1.48
944	ok	1.14
945	ok	0.60
946	ok	0.42
947	ok	0.25
948	ok	0.16
949	ok	0.55
950	ok	0.37
951	ok	0.36
952	ok	0.19
953	ok	2.07
954	ok	0.68
955	ok	1.97
956	ok	4.49
957	ok	1.18
958	ok	0.50
959	ok	0.33
960	ok	0.22
961	ok	0.59
962	ok	0.42
963	ok	0.14
964	ok	1.90
965	ok	0.74
966	ok	0.83
967	ok	2.34
968	ok	3.56
969	ok	0.29
970	ok	0.25

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	4.91	0.05	0.23	1.46	6.57	17.76	79.96

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
10	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
46	ok	0.15	0.4	2.67e-02	7.7	7.7	7.7	7.7	-65.0	76.0	-5.0	1369.0	625.1	683.8
589	ok	0.15	0.1	2.17e-03	7.7	7.7	7.7	7.7	4.1	75.5	-12.4	401.5	257.9	-112.2
604	ok	0.15	3.95e-02	8.41e-03	7.7	7.7	7.7	7.7	10.8	42.0	-12.6	142.5	62.9	-35.5

613	ok	0.15	3.07e-02	6.20e-03	7.7	7.7	7.7	7.7	2.5	74.4	-19.4	84.3	60.2	50.1
622	ok	0.15	3.17e-02	4.61e-03	7.7	7.7	7.7	7.7	3.1	65.8	-13.3	85.3	56.7	54.2
631	ok	0.15	3.30e-02	5.46e-03	7.7	7.7	7.7	7.7	13.5	-8.5	12.1	24.1	-71.2	-96.7
640	ok	0.15	5.10e-02	6.65e-03	7.7	7.7	7.7	7.7	19.1	-8.2	16.9	3.1	-106.3	-137.5
649	ok	0.15	8.15e-02	1.02e-02	7.7	7.7	7.7	7.7	34.3	-6.8	26.0	-49.0	-154.6	-197.9
658	ok	0.15	0.1	1.49e-02	7.7	7.7	7.7	7.7	70.5	-2.0	49.4	-99.3	-190.5	-290.7
904	ok	0.15	0.2	1.07e-03	7.7	7.7	7.7	7.7	0.4	148.3	-21.7	62.3	588.1	-264.5
924	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	3.9	64.4	7.7	237.5	646.8	-266.7
971	ok	0.15	0.3	2.22e-02	7.7	7.7	7.7	7.7	-3.3	-20.3	6.1	185.7	906.0	-372.7
972	ok	0.15	0.1	1.94e-02	7.7	7.7	7.7	7.7	-8.5	-20.6	15.8	94.5	416.9	-206.0
973	ok	0.15	5.81e-02	1.61e-02	7.7	7.7	7.7	7.7	-3.1	-10.2	2.8	60.6	142.2	-100.8
974	ok	0.15	3.25e-02	1.22e-02	7.7	7.7	7.7	7.7	-4.3	-26.5	9.8	40.6	-124.5	-51.0
975	ok	0.15	4.83e-02	8.39e-03	7.7	7.7	7.7	7.7	-3.4	-16.4	7.1	48.0	-192.5	-54.2
976	ok	0.15	6.17e-02	4.10e-03	7.7	7.7	7.7	7.7	-2.2	-5.6	4.0	62.6	-239.3	-73.8
977	ok	0.15	7.26e-02	8.81e-04	7.7	7.7	7.7	7.7	-0.8	7.9	-0.4	80.4	-267.9	-102.0
978	ok	0.15	7.08e-02	1.67e-03	7.7	7.7	7.7	7.7	0.8	21.3	-4.6	99.0	-233.4	-138.4
979	ok	0.15	6.39e-02	1.16e-03	7.7	7.7	7.7	7.7	3.4	43.3	-11.8	105.0	-27.8	-178.2
980	ok	0.15	0.2	1.49e-03	7.7	7.7	7.7	7.7	10.0	65.3	-19.6	120.3	504.7	-263.7
981	ok	0.15	0.3	1.40e-02	7.7	7.7	7.7	7.7	2.3	54.6	5.3	270.4	781.8	-391.6
982	ok	0.15	0.3	1.93e-02	7.7	7.7	7.7	7.7	5.4	71.2	-2.1	397.3	918.1	-339.8
983	ok	0.15	0.5	2.32e-02	7.7	7.7	7.7	7.7	44.1	-23.8	-56.9	874.5	1530.7	-182.4
984	ok	0.15	0.5	6.89e-03	7.7	7.7	7.7	7.7	17.3	88.0	-1.5	540.3	652.5	-234.8
985	ok	0.15	6.74e-02	5.75e-03	7.7	7.7	7.7	7.7	13.9	59.3	-37.4	178.1	137.8	-60.5
986	ok	0.15	3.10e-02	4.10e-03	7.7	7.7	7.7	7.7	13.9	60.7	-30.1	113.2	54.1	-19.3
987	ok	0.15	2.98e-02	2.80e-03	7.7	7.7	7.7	7.7	-0.8	68.4	-19.0	83.5	57.2	47.8
988	ok	0.15	2.73e-02	4.01e-03	7.7	7.7	7.7	7.7	-1.4	-7.5	2.7	17.9	-54.3	-83.1
989	ok	0.15	8.41e-02	6.77e-03	7.7	7.7	7.7	7.7	-9.2	-10.5	7.3	4.1	-84.3	-117.8
990	ok	0.15	6.37e-02	1.36e-02	7.7	7.7	7.7	7.7	-19.1	-13.6	17.6	-44.5	-128.0	-170.6
991	ok	0.15	9.96e-02	2.34e-02	7.7	7.7	7.7	7.7	-41.2	-16.5	27.6	-138.0	-178.5	-252.1
992	ok	0.15	0.1	5.14e-02	7.7	7.7	7.7	7.7	-118.8	-2.2	39.2	-229.6	-149.7	-406.1
994	ok	0.15	0.2	1.91e-03	7.7	7.7	7.7	7.7	8.3	76.5	-25.5	130.1	734.7	-290.5
995	ok	0.15	0.1	9.25e-04	7.7	7.7	7.7	7.7	5.7	53.1	-14.1	119.1	217.7	-220.8
996	ok	0.15	5.89e-02	1.47e-03	7.7	7.7	7.7	7.7	0.9	27.2	-6.2	101.2	-163.5	-155.0
997	ok	0.15	7.43e-02	8.69e-04	7.7	7.7	7.7	7.7	-2.79e-02	14.2	-2.4	89.8	-263.9	-119.0
998	ok	0.15	6.78e-02	1.74e-03	7.7	7.7	7.7	7.7	-1.6	0.3	2.2	71.3	-257.3	-86.9
999	ok	0.15	5.52e-02	6.32e-03	7.7	7.7	7.7	7.7	-2.9	-11.2	5.7	54.7	-217.4	-62.7
1000	ok	0.15	4.09e-02	1.03e-02	7.7	7.7	7.7	7.7	-3.9	-21.5	8.5	42.9	-162.3	-49.8
1001	ok	0.15	3.48e-02	1.40e-02	7.7	7.7	7.7	7.7	-2.6	-2.5	0.6	50.3	54.7	-70.6
1002	ok	0.15	9.31e-02	1.77e-02	7.7	7.7	7.7	7.7	3.4	-18.0	5.0	74.7	268.0	-145.7
1003	ok	0.15	0.2	2.18e-02	7.7	7.7	7.7	7.7	-6.6	-21.4	13.3	84.9	708.3	-254.4
1004	ok	0.15	0.3	1.26e-02	7.7	7.7	7.7	7.7	21.2	76.5	-11.7	603.3	598.8	-273.3
1005	ok	0.15	0.2	7.37e-03	7.7	7.7	7.7	7.7	10.5	62.1	-10.7	396.3	575.4	-360.3
1006	ok	0.15	0.2	1.35e-02	7.7	7.7	7.7	7.7	4.4	61.7	-13.4	247.5	644.1	-378.6
1007	ok	0.15	0.2	7.06e-03	7.7	7.7	7.7	7.7	4.9	70.9	-7.8	525.0	309.4	-163.8
1008	ok	0.15	0.2	6.47e-03	7.7	7.7	7.7	7.7	7.1	54.7	-10.4	354.1	337.6	-251.3
1009	ok	0.15	0.2	1.12e-02	7.7	7.7	7.7	7.7	-5.3	9.2	8.5	226.4	379.5	-272.6
1010	ok	0.15	9.37e-02	4.88e-03	7.7	7.7	7.7	7.7	1.3	73.0	-13.3	321.6	163.9	-96.3
1011	ok	0.15	0.1	7.30e-03	7.7	7.7	7.7	7.7	4.4	69.2	-12.5	227.0	208.8	-178.0
1012	ok	0.15	0.1	1.09e-02	7.7	7.7	7.7	7.7	2.3	10.0	-8.1	179.3	238.9	-193.3
1013	ok	0.15	6.13e-02	4.58e-03	7.7	7.7	7.7	7.7	7.5	68.3	-24.8	220.8	93.7	-50.8
1014	ok	0.15	6.94e-02	5.64e-03	7.7	7.7	7.7	7.7	0.8	24.2	-10.0	184.5	101.4	-103.6
1015	ok	0.15	6.88e-02	1.02e-02	7.7	7.7	7.7	7.7	1.8	11.1	-13.1	132.8	122.8	-135.6
1016	ok	0.15	3.78e-02	4.45e-03	7.7	7.7	7.7	7.7	3.4	61.1	-9.4	138.3	42.4	-37.9
1017	ok	0.15	4.36e-02	5.31e-03	7.7	7.7	7.7	7.7	0.6	23.1	-10.9	131.4	37.9	-76.9
1018	ok	0.15	4.22e-02	9.17e-03	7.7	7.7	7.7	7.7	2.0	14.2	-14.5	96.2	43.8	-80.1
1019	ok	0.15	3.04e-02	4.91e-03	7.7	7.7	7.7	7.7	3.6	57.8	-17.0	102.8	15.9	-32.5
1020	ok	0.15	3.66e-02	5.23e-03	7.7	7.7	7.7	7.7	0.2	3.2	10.0	-34.5	-99.7	-68.6
1021	ok	0.15	4.18e-02	8.08e-03	7.7	7.7	7.7	7.7	-3.6	-14.5	9.3	50.2	-123.5	-84.3
1022	ok	0.15	3.93e-02	3.64e-03	7.7	7.7	7.7	7.7	2.4	5.9	4.2	-20.9	-89.5	-98.5
1023	ok	0.15	4.85e-02	5.22e-03	7.7	7.7	7.7	7.7	1.0	-4.9	10.3	-31.2	-133.5	-103.6
1024	ok	0.15	5.20e-02	6.81e-03	7.7	7.7	7.7	7.7	-3.2	-11.5	8.4	48.4	-164.7	-93.4
1025	ok	0.15	4.74e-02	4.20e-03	7.7	7.7	7.7	7.7	3.0	-0.8	6.2	-16.4	-112.5	-119.5
1026	ok	0.15	5.80e-02	4.72e-03	7.7	7.7	7.7	7.7	4.1	-3.8	5.4	-29.8	-162.8	-124.8
1027	ok	0.15	6.31e-02	5.65e-03	7.7	7.7	7.7	7.7	-2.9	-8.1	7.4	54.7	-201.3	-111.7
1028	ok	0.15	5.78e-02	3.61e-03	7.7	7.7	7.7	7.7	3.1	0.6	6.8	-11.0	-137.0	-146.2
1029	ok	0.15	6.92e-02	4.57e-03	7.7	7.7	7.7	7.7	-1.9	-3.3	8.7	41.6	-189.0	-147.2
1030	ok	0.15	7.16e-02	4.31e-03	7.7	7.7	7.7	7.7	-2.5	-4.2	6.4	66.6	-235.1	-136.5
1031	ok	0.15	6.87e-02	6.12e-03	7.7	7.7	7.7	7.7	1.5	0.9	13.5	-3.8	-162.6	-176.1
1032	ok	0.15	8.06e-02	4.94e-03	7.7	7.7	7.7	7.7	-4.3	1.0	10.6	39.9	-220.5	-178.5
1033	ok	0.15	8.21e-02	2.87e-03	7.7	7.7	7.7	7.7	-2.3	3.91e-02	5.4	82.5	-267.4	-165.0
1034	ok	0.15	8.15e-02	4.50e-03	7.7	7.7	7.7	7.7	8.4	2.8	8.1	12.8	-190.6	-213.0
1035	ok	0.15	9.29e-02	4.74e-03	7.7	7.7	7.7	7.7	-4.6	4.0	10.9	53.9	-250.4	-209.7
1036	ok	0.15	9.29e-02	2.72e-03	7.7	7.7	7.7	7.7	-2.0	5.1	4.2	101.4	-297.4	-195.4
1037	ok	0.15	9.63e-02	7.11e-03	7.7	7.7	7.7	7.7	1.1	5.0	17.7	48.0	-222.0	-245.1
1038	ok	0.15	0.1	4.37e-03	7.7	7.7	7.7	7.7	-4.8	9.2	11.3	71.5	-279.4	-241.7
1039	ok	0.15	0.1	2.64e-03	7.7	7.7	7.7	7.7	-1.8	12.1	2.4	122.9	-321.5	-225.6
1040	ok	0.15	0.1	6.97e-03	7.7	7.7	7.7	7.7	1.2	9.6	18.9	55.2	-255.1	-283.8

1041	ok	0.15	0.1	4.23e-03	7.7	7.7	7.7	7.7	-5.2	14.6	11.6	103.3	-303.7	-273.2
1042	ok	0.15	0.1	2.42e-03	7.7	7.7	7.7	7.7	-1.5	18.7	1.1	147.0	-333.0	-253.1
1043	ok	0.15	0.1	1.04e-02	7.7	7.7	7.7	7.7	-7.8	15.3	24.6	68.6	-283.6	-324.3
1044	ok	0.15	0.1	4.14e-03	7.7	7.7	7.7	7.7	-5.5	23.2	12.2	135.8	-315.1	-298.7
1045	ok	0.15	0.1	2.31e-03	7.7	7.7	7.7	7.7	-1.2	26.4	-6.55e-02	173.7	-320.1	-274.1
1046	ok	0.15	0.1	8.52e-03	7.7	7.7	7.7	7.7	18.0	26.0	16.5	69.5	-316.1	-393.2
1047	ok	0.15	0.1	4.47e-03	7.7	7.7	7.7	7.7	-3.5	38.9	8.8	185.0	-287.4	-313.7
1048	ok	0.15	0.1	2.56e-03	7.7	7.7	7.7	7.7	-1.8	34.4	-0.7	202.5	-266.0	-281.9
1049	ok	0.15	0.2	1.58e-02	7.7	7.7	7.7	7.7	-2.7	18.2	43.7	113.6	-319.8	-437.4
1050	ok	0.15	0.1	4.26e-03	7.7	7.7	7.7	7.7	-1.0	52.1	7.9	230.6	-247.5	-325.1
1051	ok	0.15	9.40e-02	2.65e-03	7.7	7.7	7.7	7.7	-0.7	47.5	-2.4	234.2	-140.4	-272.4
1052	ok	0.15	0.2	1.47e-02	7.7	7.7	7.7	7.7	-19.2	83.9	46.8	233.3	-288.9	-528.0
1053	ok	0.15	0.1	8.00e-03	7.7	7.7	7.7	7.7	-16.4	74.1	12.8	374.5	-143.5	-287.4
1054	ok	0.15	0.1	2.39e-03	7.7	7.7	7.7	7.7	0.9	58.8	0.1	274.9	82.4	-234.0
1056	ok	0.15	0.2	1.70e-02	7.7	7.7	7.7	7.7	-35.9	88.1	-10.8	618.2	177.6	-159.7
1057	ok	0.15	0.2	2.52e-03	7.7	7.7	7.7	7.7	5.2	70.0	-11.8	301.6	437.8	-206.3
1060	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	16.0	90.4	-6.6	292.7	755.6	-238.8

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	13.24	0.24	7.70	7.70	7.70	7.70	-320.64	-351.41	-221.55	-3554.01	-480.33	-1505.73
								321.89	491.08	334.41	7098.08	2035.01	683.77

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
28	ok Av	6.85	0.05	0.32	1.5	9.3	18.5	113.6
46	ok	2.74						
589	ok	1.39						
604	ok	0.55						
613	ok	0.27						
622	ok	0.38						
631	ok	0.54						
640	ok	0.58						
649	ok	0.65						
658	ok	0.71						
667	ok	2.13						
904	ok	0.97						
924	ok	1.57						
925	ok	3.47						
926	ok Av	6.89	0.05	0.33	1.5	9.4	18.5	114.3
971	ok	1.18						
972	ok	0.66						
973	ok	0.48						
974	ok	0.33						
975	ok	0.32						
976	ok	0.42						
977	ok	0.82						
978	ok	0.86						
979	ok	0.99						
980	ok	1.02						
981	ok	1.01						
982	ok	1.38						
983	ok	2.40						
984	ok	2.79						
985	ok	1.00						
986	ok	0.35						
987	ok	0.35						
988	ok	0.44						
989	ok	0.52						
990	ok	0.61						
991	ok	0.65						
992	ok	0.77						
993	ok Av	6.92	0.05	0.33	1.5	9.4	18.2	114.8
994	ok	0.98						
995	ok	1.00						
996	ok	0.93						
997	ok	0.83						
998	ok	0.47						
999	ok	0.37						
1000	ok	0.29						
1001	ok	0.38						
1002	ok	0.57						
1003	ok	1.13						
1004	ok	2.37						
1005	ok	1.47						
1006	ok	1.04						

1007	ok	1.31						
1008	ok	1.14						
1009	ok	1.07						
1010	ok	0.86						
1011	ok	0.83						
1012	ok	0.90						
1013	ok	0.53						
1014	ok	0.82						
1015	ok	0.43						
1016	ok	0.39						
1017	ok	0.73						
1018	ok	0.34						
1019	ok	0.32						
1020	ok	0.44						
1021	ok	0.31						
1022	ok	0.36						
1023	ok	0.38						
1024	ok	0.28						
1025	ok	0.52						
1026	ok	0.35						
1027	ok	0.23						
1028	ok	0.44						
1029	ok	0.28						
1030	ok	0.28						
1031	ok	0.46						
1032	ok	0.29						
1033	ok	0.34						
1034	ok	0.52						
1035	ok	0.16						
1036	ok	0.40						
1037	ok	0.49						
1038	ok	0.16						
1039	ok	0.75						
1040	ok	0.62						
1041	ok	0.15						
1042	ok	0.78						
1043	ok	0.57						
1044	ok	0.23						
1045	ok	0.81						
1046	ok	0.65						
1047	ok	0.34						
1048	ok	0.89						
1049	ok	0.62						
1050	ok	0.57						
1051	ok	0.97						
1052	ok	1.08						
1053	ok	1.07						
1054	ok	1.00						
1055	ok	2.34						
1056	ok	2.01						
1057	ok	1.05						
1058	ok Av	6.93	0.05	0.33	1.5	9.4	18.9	114.9
1059	ok	3.45						
1060	ok	1.66						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	6.93	0.05	0.33	1.55	9.44	18.86	114.94

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
11	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
46	ok	0.15	0.7	3.12e-02	7.7	7.7	7.7	7.7	-67.0	79.2	21.0	2943.5	1551.3	-479.3
62	ok	0.15	0.4	8.42e-03	7.7	7.7	7.7	7.7	9.1	7.3	12.1	353.8	1222.9	392.1
971	ok	0.15	0.3	2.14e-02	7.7	7.7	7.7	7.7	-3.9	-23.1	12.5	177.1	882.6	-395.8
981	ok	0.15	0.3	1.13e-02	7.7	7.7	7.7	7.7	7.6	60.0	-2.3	223.4	808.8	-398.3
982	ok	0.15	0.3	5.26e-03	7.7	7.7	7.7	7.7	-0.7	12.8	-0.8	407.9	924.7	-400.2
983	ok	0.15	0.3	2.55e-02	7.7	7.7	7.7	7.7	-41.8	19.1	28.0	852.2	1215.0	-389.3
1061	ok	0.15	0.3	1.55e-02	7.7	7.7	7.7	7.7	19.5	-36.8	0.3	1023.9	1044.2	-108.1

1062	ok	0.15	7.75e-02	1.47e-02	7.7	7.7	7.7	7.7	7.4	-18.2	6.8	249.4	207.4	40.7
1063	ok	0.15	0.1	1.74e-02	7.7	7.7	7.7	7.7	4.3	0.6	-4.5	-118.4	-417.4	244.8
1064	ok	0.15	0.2	1.92e-02	7.7	7.7	7.7	7.7	-2.3	-14.5	-9.29e-02	-168.3	-807.6	365.3
1065	ok	0.15	0.3	1.97e-02	7.7	7.7	7.7	7.7	-2.3	1.9	-1.4	-242.8	-1012.6	331.6
1066	ok	0.15	0.3	2.01e-02	7.7	7.7	7.7	7.7	-3.3	4.0	-0.7	-244.5	-1052.0	348.5
1067	ok	0.15	0.3	2.03e-02	7.7	7.7	7.7	7.7	-14.0	-9.8	8.3	-234.3	-919.8	425.6
1068	ok	0.15	0.2	2.00e-02	7.7	7.7	7.7	7.7	-12.6	-4.7	8.0	-40.3	-620.2	361.4
1069	ok	0.15	0.1	1.80e-02	7.7	7.7	7.7	7.7	-19.0	-2.3	27.4	447.9	83.8	225.1
1070	ok	0.15	0.2	1.12e-02	7.7	7.7	7.7	7.7	11.0	37.9	-18.5	150.5	599.4	-302.7
1071	ok	0.15	4.65e-02	2.10e-03	7.7	7.7	7.7	7.7	11.4	43.0	-21.1	33.8	136.8	-70.6
1072	ok	0.15	0.1	1.39e-03	7.7	7.7	7.7	7.7	6.6	18.9	-11.5	-88.5	-431.4	189.9
1073	ok	0.15	0.2	1.38e-03	7.7	7.7	7.7	7.7	2.1	19.0	-7.9	-162.6	-772.6	359.1
1074	ok	0.15	0.3	1.59e-03	7.7	7.7	7.7	7.7	5.1	16.9	-10.9	-159.8	-975.6	464.9
1075	ok	0.15	0.3	1.80e-03	7.7	7.7	7.7	7.7	5.0	14.1	-9.9	-170.9	-990.0	357.1
1076	ok	0.15	0.3	2.63e-03	7.7	7.7	7.7	7.7	7.2	31.9	-14.9	-186.0	-837.1	401.9
1077	ok	0.15	0.2	4.41e-03	7.7	7.7	7.7	7.7	3.7	18.1	-8.0	-113.2	-566.2	253.3
1078	ok	0.15	1.70e-02	5.85e-03	7.7	7.7	7.7	7.7	-0.5	-1.1	-6.10e-02	3.0	-70.1	-4.0
1079	ok	0.15	4.30e-02	5.97e-03	7.7	7.7	7.7	7.7	5.1	8.3	6.2	76.2	-165.2	-41.6
1080	ok	0.15	4.22e-02	7.94e-03	7.7	7.7	7.7	7.7	14.0	14.0	13.3	151.1	-72.6	63.0
1081	ok	0.15	0.1	7.28e-03	7.7	7.7	7.7	7.7	12.0	23.7	16.2	289.1	209.1	263.1
1082	ok	0.15	0.2	1.26e-02	7.7	7.7	7.7	7.7	15.4	7.4	14.0	706.7	579.1	246.9
1083	ok	0.15	0.1	1.92e-02	7.7	7.7	7.7	7.7	-9.3	-0.9	8.4	115.4	-364.4	332.5
1084	ok	0.15	0.2	2.01e-02	7.7	7.7	7.7	7.7	-13.7	-7.5	8.3	-158.6	-806.3	397.7
1085	ok	0.15	0.3	2.03e-02	7.7	7.7	7.7	7.7	-6.8	8.9	2.4	-220.3	-1019.4	336.5
1086	ok	0.15	0.3	1.97e-02	7.7	7.7	7.7	7.7	-3.0	2.9	-1.0	-249.7	-1053.2	345.7
1087	ok	0.15	0.3	1.95e-02	7.7	7.7	7.7	7.7	-4.6	-13.9	1.4	-207.0	-916.3	405.8
1088	ok	0.15	0.2	1.83e-02	7.7	7.7	7.7	7.7	-1.5	1.8	-1.0	-199.4	-600.6	307.6
1089	ok	0.15	6.50e-02	1.64e-02	7.7	7.7	7.7	7.7	9.7	-34.5	-4.9	80.6	-166.2	146.9
1090	ok	0.15	0.1	1.29e-02	7.7	7.7	7.7	7.7	16.9	-25.8	4.8	575.6	559.1	-29.6
1091	ok	0.15	0.4	1.62e-02	7.7	7.7	7.7	7.7	15.9	-31.3	22.4	1582.0	1685.8	-280.9
1092	ok	0.15	0.2	1.82e-02	7.7	7.7	7.7	7.7	11.7	35.3	-17.7	198.3	741.1	-376.4
1093	ok	0.15	0.1	6.09e-03	7.7	7.7	7.7	7.7	11.1	40.2	-19.8	96.9	381.4	-192.7
1094	ok	0.15	5.91e-02	1.55e-03	7.7	7.7	7.7	7.7	2.7	5.3	-5.5	-45.3	-185.0	88.1
1095	ok	0.15	0.2	1.42e-03	7.7	7.7	7.7	7.7	4.2	14.0	-9.1	-94.2	-631.0	292.4
1096	ok	0.15	0.3	1.49e-03	7.7	7.7	7.7	7.7	5.0	17.0	-10.8	-143.9	-903.8	427.1
1097	ok	0.15	0.3	1.72e-03	7.7	7.7	7.7	7.7	1.8	19.6	-7.8	-165.5	-1007.9	478.9
1098	ok	0.15	0.3	2.18e-03	7.7	7.7	7.7	7.7	0.7	14.8	-5.6	-156.4	-951.4	334.8
1099	ok	0.15	0.2	3.51e-03	7.7	7.7	7.7	7.7	6.0	26.0	-12.0	-156.5	-731.3	339.9
1100	ok	0.15	0.1	4.84e-03	7.7	7.7	7.7	7.7	0.7	8.7	-2.9	-58.0	-363.3	139.6
1101	ok	0.15	0.2	6.02e-03	7.7	7.7	7.7	7.7	-5.9	18.9	0.3	-29.1	-584.8	215.8
1102	ok	0.15	0.2	4.14e-03	7.7	7.7	7.7	7.7	-3.4	21.9	-3.0	-107.1	-762.4	322.5
1103	ok	0.15	0.3	2.89e-03	7.7	7.7	7.7	7.7	-1.0	24.1	-6.0	-154.3	-869.0	387.6
1104	ok	0.15	0.3	2.35e-03	7.7	7.7	7.7	7.7	-2.6	13.1	-2.1	-146.5	-970.2	329.3
1105	ok	0.15	0.3	2.25e-03	7.7	7.7	7.7	7.7	-1.9	14.0	-3.4	-162.9	-1013.0	347.8
1106	ok	0.15	0.3	1.92e-03	7.7	7.7	7.7	7.7	1.7	11.2	-7.3	-169.7	-1014.4	351.2
1107	ok	0.15	0.3	1.81e-03	7.7	7.7	7.7	7.7	5.3	11.9	-7.3	-160.6	-983.8	457.9
1108	ok	0.15	0.3	1.74e-03	7.7	7.7	7.7	7.7	2.6	9.9	-8.3	-149.1	-904.1	426.9
1109	ok	0.15	0.2	1.78e-03	7.7	7.7	7.7	7.7	3.0	8.1	-8.4	-127.4	-783.3	375.9
1110	ok	0.15	0.2	1.84e-03	7.7	7.7	7.7	7.7	7.5	7.4	-8.0	-96.0	-624.3	303.7
1111	ok	0.15	0.1	4.92e-03	7.7	7.7	7.7	7.7	9.1	8.0	-9.6	-94.3	-413.2	213.7
1112	ok	0.15	6.05e-02	6.38e-03	7.7	7.7	7.7	7.7	3.3	-4.3	-7.2	-59.1	-149.7	130.3
1113	ok	0.15	5.02e-02	7.94e-03	7.7	7.7	7.7	7.7	10.2	-8.0	-17.5	23.2	192.6	-19.9
1114	ok	0.15	0.1	1.02e-02	7.7	7.7	7.7	7.7	10.0	-12.7	-16.9	79.5	452.5	-140.7
1115	ok	0.15	0.2	1.26e-02	7.7	7.7	7.7	7.7	2.0	-1.9	2.8	144.0	670.2	-267.2
1116	ok	0.15	0.3	1.31e-02	7.7	7.7	7.7	7.7	23.6	-11.2	15.4	592.8	987.1	-98.1
1117	ok	0.15	0.1	1.17e-02	7.7	7.7	7.7	7.7	15.4	-19.5	1.1	360.5	599.7	11.3
1118	ok	0.15	7.24e-02	1.20e-02	7.7	7.7	7.7	7.7	7.9	-11.1	8.47e-02	154.2	257.8	81.2
1119	ok	0.15	6.98e-02	1.24e-02	7.7	7.7	7.7	7.7	6.2	9.7	-7.3	-23.9	-118.5	203.1
1120	ok	0.15	0.1	1.24e-02	7.7	7.7	7.7	7.7	4.4	8.7	-6.9	-117.7	-374.6	274.4
1121	ok	0.15	0.2	1.21e-02	7.7	7.7	7.7	7.7	-3.3	9.6	-4.6	-182.8	-566.1	331.1
1122	ok	0.15	0.2	1.14e-02	7.7	7.7	7.7	7.7	3.0	8.3	-5.1	-166.0	-756.7	394.4
1123	ok	0.15	0.3	1.04e-02	7.7	7.7	7.7	7.7	0.3	7.6	-4.7	-199.2	-892.1	431.5
1124	ok	0.15	0.3	9.45e-03	7.7	7.7	7.7	7.7	-1.0	8.7	-4.0	-210.2	-992.5	342.9
1125	ok	0.15	0.3	8.50e-03	7.7	7.7	7.7	7.7	-2.0	9.0	-3.2	-213.1	-1035.7	354.1
1126	ok	0.15	0.3	8.62e-03	7.7	7.7	7.7	7.7	-2.1	9.8	-1.9	-205.9	-1035.7	352.8
1127	ok	0.15	0.3	9.84e-03	7.7	7.7	7.7	7.7	-5.9	13.8	1.4	-176.6	-1006.6	337.5
1128	ok	0.15	0.3	1.03e-02	7.7	7.7	7.7	7.7	-10.9	-1.6	4.2	-173.2	-910.5	415.5
1129	ok	0.15	0.2	1.13e-02	7.7	7.7	7.7	7.7	-11.4	4.5	4.7	-88.7	-803.3	372.0
1130	ok	0.15	0.2	1.19e-02	7.7	7.7	7.7	7.7	-11.3	7.6	5.4	35.3	-635.6	297.7
1131	ok	0.15	0.1	1.20e-02	7.7	7.7	7.7	7.7	-0.4	5.4	1.9	171.9	-438.8	234.6
1132	ok	0.15	0.3	1.54e-02	7.7	7.7	7.7	7.7	-3.9	-23.4	8.0	379.7	929.8	-379.7
1133	ok	0.15	8.33e-02	3.69e-03	7.7	7.7	7.7	7.7	-2.7	16.6	7.8	268.4	-305.8	134.6
1134	ok	0.15	0.3	1.44e-02	7.7	7.7	7.7	7.7	0.9	-0.4	3.1	221.4	800.9	-375.8
1135	ok	0.15	0.4	3.38e-02	7.7	7.7	7.7	7.7	-17.9	28.9	-5.6	1039.2	1191.7	-275.1
1136	ok	0.15	0.1	9.55e-03	7.7	7.7	7.7	7.7	-3.4	7.3	9.6	346.5	-215.0	205.4
1137	ok	0.15	0.1	7.82e-03	7.7	7.7	7.7	7.7	-6.8	17.7	5.0	134.9	-444.6	146.1
1138	ok	0.15	0.2	9.74e-03	7.7	7.7	7.7	7.7	5.9	-9.0	-0.8	241.9	805.2	-206.8

1139	ok	0.15	0.1	1.03e-02	7.7	7.7	7.7	7.7	7.8	-11.2	-2.5	146.3	549.1	-68.0
1140	ok	0.15	0.3	2.95e-03	7.7	7.7	7.7	7.7	4.4	15.9	-7.3	-169.7	-900.2	433.9
1141	ok	0.15	0.3	2.51e-03	7.7	7.7	7.7	7.7	-2.3	15.6	-1.9	-185.9	-974.1	460.8
1142	ok	0.15	0.2	3.79e-03	7.7	7.7	7.7	7.7	4.9	15.2	-8.3	-145.1	-776.2	388.9
1143	ok	0.15	6.80e-02	9.49e-03	7.7	7.7	7.7	7.7	1.4	13.3	-9.2	-52.6	-123.6	180.2
1144	ok	0.15	5.99e-02	1.01e-02	7.7	7.7	7.7	7.7	8.0	-10.8	-3.7	58.7	239.6	42.1
1145	ok	0.15	0.1	8.54e-03	7.7	7.7	7.7	7.7	0.7	23.0	-5.1	-105.6	-348.4	251.3
1146	ok	0.15	0.2	7.26e-03	7.7	7.7	7.7	7.7	1.0	20.9	-4.4	-154.6	-567.5	321.4
1147	ok	0.15	0.3	2.77e-03	7.7	7.7	7.7	7.7	0.9	4.1	-5.4	-187.1	-1021.8	352.7
1148	ok	0.15	0.3	4.16e-03	7.7	7.7	7.7	7.7	-5.9	18.1	0.4	-152.3	-989.0	333.0
1149	ok	0.15	0.3	5.95e-03	7.7	7.7	7.7	7.7	-7.0	16.9	4.73e-02	-146.3	-889.0	400.1
1150	ok	0.15	0.2	7.65e-03	7.7	7.7	7.7	7.7	-8.6	18.0	2.2	-75.4	-778.3	334.8
1151	ok	0.15	0.3	2.96e-03	7.7	7.7	7.7	7.7	0.2	7.2	-3.9	-179.0	-1019.2	351.5
1152	ok	0.15	0.2	8.24e-03	7.7	7.7	7.7	7.7	-8.7	18.7	3.2	21.8	-604.0	239.0
1153	ok	0.15	0.1	6.71e-03	7.7	7.7	7.7	7.7	11.2	17.2	9.8	409.1	-107.5	184.6
1154	ok	0.15	7.89e-02	4.52e-03	7.7	7.7	7.7	7.7	1.3	16.4	11.9	304.5	-257.4	101.0
1155	ok	0.15	9.85e-02	5.37e-03	7.7	7.7	7.7	7.7	-9.8	1.9	-3.5	139.2	-386.2	64.6

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	0.67	0.03	7.70	7.70	7.70	7.70	-67.02	-36.77	-21.12	-249.66	-1053.19	-479.25
								23.56	79.16	27.96	2943.54	1685.76	478.93

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
46	ok	3.32						
62	ok	0.0						
971	ok	0.42						
981	ok	0.62						
982	ok	1.44						
983	ok	3.29						
1061	ok	2.29						
1062	ok	1.23						
1063	ok	0.82						
1064	ok	0.53						
1065	ok	0.27						
1066	ok	0.19						
1067	ok	0.46						
1068	ok	0.87						
1069	ok	1.55						
1070	ok	0.71						
1071	ok	0.76						
1072	ok	0.59						
1073	ok	0.43						
1074	ok	0.22						
1075	ok	0.12						
1076	ok	0.32						
1077	ok	0.51						
1078	ok	0.50						
1079	ok	0.92						
1080	ok	1.59						
1081	ok	0.0						
1082	ok	0.0						
1083	ok	1.17						
1084	ok	0.65						
1085	ok	0.31						
1086	ok	0.17						
1087	ok	0.40						
1088	ok	0.67						
1089	ok	1.01						
1090	ok	1.60						
1091	ok	3.26						
1092	ok	0.60						
1093	ok	0.75						
1094	ok	0.71						
1095	ok	0.52						
1096	ok	0.33						
1097	ok	0.11						
1098	ok	0.22						
1099	ok	0.40						
1100	ok	0.51						
1101	ok	0.53						
1102	ok	0.47						
1103	ok	0.36						
1104	ok	0.27						
1105	ok	0.17						

1106	ok	0.13
1107	ok	0.24
1108	ok	0.34
1109	ok	0.45
1110	ok	0.54
1111	ok	0.62
1112	ok	0.70
1113	ok	0.73
1114	ok	0.71
1115	ok	0.72
1116	ok	2.31
1117	ok	1.60
1118	ok	1.24
1119	ok	1.02
1120	ok	0.84
1121	ok	0.68
1122	ok	0.56
1123	ok	0.42
1124	ok	0.30
1125	ok	0.20
1126	ok	0.20
1127	ok	0.33
1128	ok	0.47
1129	ok	0.64
1130	ok	0.86
1131	ok	1.17
1132	ok	1.42
1133	ok	0.85
1134	ok	0.71
1135	ok	3.26
1136	ok	1.55
1137	ok	0.80
1138	ok	1.34
1139	ok	1.12
1140	ok	0.34
1141	ok	0.25
1142	ok	0.46
1143	ok	0.80
1144	ok	0.93
1145	ok	0.70
1146	ok	0.58
1147	ok	0.16
1148	ok	0.28
1149	ok	0.41
1150	ok	0.55
1151	ok	0.17
1152	ok	0.67
1153	ok	0.0
1154	ok	1.53
1155	ok	0.92

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	3.32						

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
62	ok	0.27	0.10	1.42	0.0	0.0	0.0	0.0	0	0	0	2

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
12	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
69	ok	0.15	0.6	4.96e-02	7.7	7.7	7.7	7.7	43.7	-111.9	-44.1	1480.0	1514.6	1393.1
855	ok	0.15	0.2	2.82e-02	7.7	7.7	7.7	7.7	-2.0	-45.7	-0.8	11.7	571.5	-230.0
866	ok	0.15	0.2	1.71e-02	7.7	7.7	7.7	7.7	0.3	-15.0	13.5	191.0	575.9	-385.3
1156	ok	0.15	0.2	1.44e-02	7.7	7.7	7.7	7.7	-4.2	-5.9	19.5	629.4	881.8	94.4
1157	ok	0.15	0.1	2.82e-03	7.7	7.7	7.7	7.7	14.3	9.9	7.8	-491.5	249.3	-57.8
1158	ok	0.15	0.3	3.49e-03	7.7	7.7	7.7	7.7	11.5	1.3	4.0	-1173.7	12.7	-92.6

1816

1159	ok	0.15	0.4	4.41e-03	7.7	7.7	7.7	7.7	10.0	0.6	5.1	-1610.1	-74.4	-99.1
1160	ok	0.15	0.5	5.17e-03	7.7	7.7	7.7	7.7	6.0	2.0	2.1	-1886.0	-99.5	-68.3
1161	ok	0.15	0.5	5.40e-03	7.7	7.7	7.7	7.7	5.3	7.46e-02	2.5	-1967.9	-108.9	-54.0
1162	ok	0.15	0.5	5.39e-03	7.7	7.7	7.7	7.7	3.8	-5.78e-02	3.2	-1868.1	-108.6	-30.3
1163	ok	0.15	0.4	5.28e-03	7.7	7.7	7.7	7.7	2.5	-0.3	3.9	-1588.9	-100.6	2.4
1164	ok	0.15	0.3	6.04e-03	7.7	7.7	7.7	7.7	12.0	0.8	0.6	-1125.5	-66.7	27.2
1165	ok	0.15	0.1	6.66e-03	7.7	7.7	7.7	7.7	14.5	-1.5	5.1	-469.3	-23.8	75.3
1166	ok	0.15	0.1	8.81e-03	7.7	7.7	7.7	7.7	-11.7	-7.7	-5.0	459.9	176.8	126.9
1167	ok	0.15	7.30e-03	0.0	7.7	7.7	7.7	7.7	6.3	3.7	1.3	6.6	-5.2	-2.5
1168	ok	0.15	2.57e-02	9.87e-03	7.7	7.7	7.7	7.7	-18.1	0.6	-0.5	-109.5	-13.6	-1.3
1169	ok	0.15	0.1	2.38e-02	7.7	7.7	7.7	7.7	-27.3	-0.7	-1.1	-597.5	-0.9	-28.5
1170	ok	0.15	0.3	2.86e-02	7.7	7.7	7.7	7.7	-26.6	0.9	-1.1	-1169.2	3.3	-48.3
1171	ok	0.15	0.4	3.00e-02	7.7	7.7	7.7	7.7	-39.4	1.83e-02	-1.5	-1607.4	5.1	-58.8
1172	ok	0.15	0.4	3.02e-02	7.7	7.7	7.7	7.7	-36.5	3.24e-02	-0.9	-1859.8	5.0	-74.5
1173	ok	0.15	0.5	2.93e-02	7.7	7.7	7.7	7.7	-33.5	4.83e-02	-0.4	-1924.0	4.1	-86.8
1174	ok	0.15	0.4	2.78e-02	7.7	7.7	7.7	7.7	-30.1	0.1	5.42e-02	-1802.7	3.2	-92.8
1175	ok	0.15	0.4	2.54e-02	7.7	7.7	7.7	7.7	-26.8	6.25e-02	-0.6	-1505.3	-0.4	-85.9
1176	ok	0.15	0.2	2.21e-02	7.7	7.7	7.7	7.7	-46.7	-1.0	-3.1	-1012.8	4.4	-71.2
1177	ok	0.15	7.61e-02	1.89e-02	7.7	7.7	7.7	7.7	-48.0	-1.1	-0.7	-332.4	2.1	-30.0
1178	ok	0.15	0.1	2.14e-02	7.7	7.7	7.7	7.7	-17.3	0.9	-3.7	519.0	-9.0	-39.9
1179	ok	0.15	0.2	2.24e-02	7.7	7.7	7.7	7.7	-24.3	-1.4	-3.7	938.8	-15.1	-101.7
1180	ok	0.15	1.04e-02	7.00e-04	7.7	7.7	7.7	7.7	3.8	3.8	-1.6	3.1	12.2	-7.3
1181	ok	0.15	0.2	1.76e-02	7.7	7.7	7.7	7.7	-13.6	0.3	1.4	873.7	-3.8	-142.4
1182	ok	0.15	0.1	7.08e-03	7.7	7.7	7.7	7.7	0.5	2.2	-0.3	481.7	-9.65e-02	-119.1
1183	ok	0.15	0.2	6.44e-02	7.7	7.7	7.7	7.7	-98.2	-117.4	38.5	-728.6	232.4	-292.9
1184	ok	0.15	4.03e-02	4.81e-03	7.7	7.7	7.7	7.7	-9.1	-6.9	-2.0	23.1	153.8	46.4
1185	ok	0.15	1.01e-02	2.51e-03	7.7	7.7	7.7	7.7	1.2	0.2	-0.7	35.9	-6.8	16.4
1186	ok	0.15	7.33e-02	1.80e-02	7.7	7.7	7.7	7.7	-34.0	-0.8	-1.2	-320.5	-3.6	-14.7
1187	ok	0.15	0.2	2.70e-02	7.7	7.7	7.7	7.7	-28.4	-0.5	-1.0	-892.1	1.4	-39.3
1188	ok	0.15	0.3	2.95e-02	7.7	7.7	7.7	7.7	-40.8	-1.79e-02	-1.6	-1410.3	5.4	-50.6
1189	ok	0.15	0.4	3.02e-02	7.7	7.7	7.7	7.7	-38.0	2.87e-02	-1.1	-1757.4	5.2	-66.9
1190	ok	0.15	0.4	2.99e-02	7.7	7.7	7.7	7.7	-35.0	3.73e-02	-0.7	-1915.1	4.6	-81.3
1191	ok	0.15	0.4	2.87e-02	7.7	7.7	7.7	7.7	-31.8	6.88e-02	-0.2	-1886.5	3.6	-90.7
1192	ok	0.15	0.4	2.68e-02	7.7	7.7	7.7	7.7	-28.7	3.50e-02	-0.8	-1680.2	-3.61e-02	-88.7
1193	ok	0.15	0.3	2.39e-02	7.7	7.7	7.7	7.7	-49.0	-1.1	-3.1	-1282.9	4.5	-80.2
1194	ok	0.15	0.2	2.03e-02	7.7	7.7	7.7	7.7	-45.0	-1.0	-2.7	-695.8	4.0	-59.3
1195	ok	0.15	3.78e-02	1.90e-02	7.7	7.7	7.7	7.7	-17.7	-0.2	-4.6	149.8	-4.7	-40.9
1196	ok	0.15	0.2	2.31e-02	7.7	7.7	7.7	7.7	-22.0	-0.4	-4.0	810.5	-12.5	-54.9
1197	ok	0.15	0.1	6.74e-03	7.7	7.7	7.7	7.7	1.8	-0.7	0.2	-4.0	383.4	-165.3
1198	ok	0.15	0.2	1.91e-02	7.7	7.7	7.7	7.7	-3.2	-22.8	4.6	-34.1	723.4	-287.6
1199	ok	0.15	0.3	1.12e-02	7.7	7.7	7.7	7.7	-1.2	-17.3	0.3	1032.6	600.6	224.3
1200	ok	0.15	3.35e-02	6.59e-03	7.7	7.7	7.7	7.7	13.9	-3.7	5.8	-83.5	35.7	93.6
1201	ok	0.15	0.2	6.30e-03	7.7	7.7	7.7	7.7	11.5	-0.3	0.5	-824.0	-59.2	45.3
1202	ok	0.15	0.3	5.46e-03	7.7	7.7	7.7	7.7	12.3	1.2	1.4	-1366.8	-93.4	8.0
1203	ok	0.15	0.4	5.41e-03	7.7	7.7	7.7	7.7	3.2	-0.1	3.6	-1751.3	-105.8	-14.9
1204	ok	0.15	0.5	5.41e-03	7.7	7.7	7.7	7.7	4.9	9.07e-02	2.7	-1940.9	-109.6	-43.2
1205	ok	0.15	0.5	5.35e-03	7.7	7.7	7.7	7.7	5.7	5.60e-02	2.3	-1949.7	-105.8	-62.4
1206	ok	0.15	0.4	4.71e-03	7.7	7.7	7.7	7.7	6.6	0.2	2.4	-1782.1	-88.2	-72.7
1207	ok	0.15	0.4	4.01e-03	7.7	7.7	7.7	7.7	10.6	1.3	3.1	-1417.7	-41.4	-97.9
1208	ok	0.15	0.2	2.96e-03	7.7	7.7	7.7	7.7	12.7	3.9	5.3	-865.4	102.4	-80.6
1209	ok	0.15	0.1	3.91e-03	7.7	7.7	7.7	7.7	6.9	9.7	3.8	68.3	527.8	18.5
1210	ok	0.15	0.4	1.66e-02	7.7	7.7	7.7	7.7	28.7	-12.2	-6.3	1252.7	1215.9	408.0
1211	ok	0.15	0.2	4.23e-02	7.7	7.7	7.7	7.7	-24.8	-28.4	-18.1	264.9	650.9	425.3
1212	ok	0.15	9.15e-02	1.85e-02	7.7	7.7	7.7	7.7	-42.4	29.3	-17.1	281.0	350.3	0.2
1213	ok	0.15	7.54e-02	1.10e-02	7.7	7.7	7.7	7.7	-20.3	12.7	0.5	-158.7	222.3	-117.9
1214	ok	0.15	0.1	7.26e-03	7.7	7.7	7.7	7.7	-11.5	9.0	2.2	-530.0	153.9	-134.5
1215	ok	0.15	0.2	5.91e-03	7.7	7.7	7.7	7.7	-8.0	5.2	2.9	-871.8	86.8	-131.0
1216	ok	0.15	0.3	5.70e-03	7.7	7.7	7.7	7.7	-6.7	2.4	3.0	-1167.2	34.5	-122.6
1217	ok	0.15	0.3	5.71e-03	7.7	7.7	7.7	7.7	-6.4	1.6	2.8	-1405.6	-3.2	-114.2
1218	ok	0.15	0.4	5.29e-03	7.7	7.7	7.7	7.7	-6.4	0.9	4.8	-1595.2	-29.3	-107.1
1219	ok	0.15	0.4	4.98e-03	7.7	7.7	7.7	7.7	-7.7	0.6	2.2	-1764.8	-41.7	-76.5
1220	ok	0.15	0.4	4.85e-03	7.7	7.7	7.7	7.7	-7.7	0.5	1.8	-1866.5	-52.7	-70.5
1221	ok	0.15	0.5	4.56e-03	7.7	7.7	7.7	7.7	-7.7	0.5	2.0	-1927.9	-59.4	-64.4
1222	ok	0.15	0.5	4.76e-03	7.7	7.7	7.7	7.7	-7.6	0.6	2.2	-1943.4	-62.8	-56.8
1223	ok	0.15	0.5	5.21e-03	7.7	7.7	7.7	7.7	-7.4	0.6	2.5	-1913.7	-63.9	-47.4
1224	ok	0.15	0.4	5.48e-03	7.7	7.7	7.7	7.7	-9.6	0.1	2.7	-1836.7	-61.6	-39.7
1225	ok	0.15	0.4	5.78e-03	7.7	7.7	7.7	7.7	-9.9	9.04e-02	3.0	-1716.6	-58.7	-27.8
1226	ok	0.15	0.4	6.09e-03	7.7	7.7	7.7	7.7	-6.7	1.5	1.4	-1540.2	-52.6	-26.3
1227	ok	0.15	0.3	6.37e-03	7.7	7.7	7.7	7.7	-6.8	1.2	0.1	-1338.9	-35.7	-9.7
1228	ok	0.15	0.3	6.63e-03	7.7	7.7	7.7	7.7	-6.4	-1.5	0.3	-1082.3	-19.2	21.0
1229	ok	0.15	0.2	6.68e-03	7.7	7.7	7.7	7.7	-5.6	-2.6	-3.62e-02	-777.0	-12.2	46.9
1230	ok	0.15	0.1	6.55e-03	7.7	7.7	7.7	7.7	-8.9	-2.5	4.2	-418.7	21.5	87.6
1231	ok	0.15	5.11e-02	5.93e-03	7.7	7.7	7.7	7.7	-1.0	-5.4	-7.7	73.2	91.3	113.4
1232	ok	0.15	0.1	6.02e-03	7.7	7.7	7.7	7.7	-5.4	-4.2	-10.2	540.6	163.4	168.0
1233	ok	0.15	0.4	6.96e-03	7.7	7.7	7.7	7.7	-0.7	9.5	-19.3	1396.3	46.9	344.8
1236	ok	0.15	0.3	1.35e-02	7.7	7.7	7.7	7.7	-1.8	-8.5	20.3	264.8	600.5	-749.8
1237	ok	0.15	5.09e-02	2.38e-02	7.7	7.7	7.7	7.7	-34.3	-38.8	-21.0	86.2	159.9	102.3

1238	ok	0.15	1.99e-02	1.74e-02	7.7	7.7	7.7	7.7	-25.0	-0.9	-19.6	34.7	64.6	12.5
1239	ok	0.15	6.54e-02	1.64e-02	7.7	7.7	7.7	7.7	-21.0	3.7	-9.1	-266.1	51.6	-70.8
1240	ok	0.15	0.1	1.56e-02	7.7	7.7	7.7	7.7	-20.2	3.5	-3.5	-565.9	32.2	-92.5
1241	ok	0.15	0.2	1.55e-02	7.7	7.7	7.7	7.7	-18.7	2.2	-0.1	-873.3	25.6	-94.9
1242	ok	0.15	0.3	1.58e-02	7.7	7.7	7.7	7.7	-17.2	1.8	1.4	-1155.0	14.6	-90.8
1243	ok	0.15	0.3	1.62e-02	7.7	7.7	7.7	7.7	-15.8	0.5	0.8	-1403.3	8.5	-75.9
1244	ok	0.15	0.4	1.65e-02	7.7	7.7	7.7	7.7	-23.5	0.3	0.6	-1602.7	-5.4	-77.4
1245	ok	0.15	0.4	1.67e-02	7.7	7.7	7.7	7.7	-22.8	0.3	1.0	-1753.7	-13.7	-76.8
1246	ok	0.15	0.4	1.67e-02	7.7	7.7	7.7	7.7	-22.3	-2.92e-02	0.7	-1854.7	-17.0	-73.1
1247	ok	0.15	0.5	1.66e-02	7.7	7.7	7.7	7.7	-21.5	-1.08e-02	0.8	-1914.4	-20.9	-75.6
1248	ok	0.15	0.5	1.64e-02	7.7	7.7	7.7	7.7	-20.7	7.33e-03	0.8	-1927.6	-23.4	-77.8
1249	ok	0.15	0.4	1.60e-02	7.7	7.7	7.7	7.7	-19.9	2.08e-02	0.9	-1894.8	-24.7	-78.9
1250	ok	0.15	0.4	1.55e-02	7.7	7.7	7.7	7.7	-19.0	2.48e-02	1.1	-1816.3	-24.9	-64.0
1251	ok	0.15	0.4	1.49e-02	7.7	7.7	7.7	7.7	-18.1	1.28e-02	1.3	-1691.9	-23.9	-61.3
1252	ok	0.15	0.4	1.42e-02	7.7	7.7	7.7	7.7	-29.5	1.3	0.6	-1510.3	-20.3	-67.6
1253	ok	0.15	0.3	1.35e-02	7.7	7.7	7.7	7.7	-28.6	1.0	-1.3	-1303.5	-11.7	-59.9
1254	ok	0.15	0.2	1.26e-02	7.7	7.7	7.7	7.7	-27.6	0.8	-1.6	-1038.1	-5.5	-46.0
1255	ok	0.15	0.2	1.17e-02	7.7	7.7	7.7	7.7	-26.5	0.2	-1.9	-724.7	2.2	-26.9
1256	ok	0.15	8.55e-02	1.06e-02	7.7	7.7	7.7	7.7	-25.0	-1.2	1.5	-365.2	14.0	20.7
1257	ok	0.15	3.36e-02	1.01e-02	7.7	7.7	7.7	7.7	-11.8	-2.3	-8.6	130.3	5.1	33.5
1258	ok	0.15	0.1	1.03e-02	7.7	7.7	7.7	7.7	-10.1	0.6	-8.8	566.1	-30.6	43.2
1259	ok	0.15	0.2	1.08e-02	7.7	7.7	7.7	7.7	-11.7	1.3	-5.5	944.0	-60.2	-70.9
1260	ok	0.15	0.3	1.17e-02	7.7	7.7	7.7	7.7	-12.7	2.0	4.2	1163.5	-92.2	-221.8
1261	ok	0.15	0.3	1.20e-02	7.7	7.7	7.7	7.7	-8.3	3.4	10.6	995.5	88.3	-376.2
1262	ok	0.15	0.2	1.06e-02	7.7	7.7	7.7	7.7	-1.6	0.7	11.3	461.0	272.3	-383.9

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	1.47	0.06	7.70	7.70	7.70	7.70	-98.17 43.71	-117.39 36.43	-44.09 38.49	-1967.86 4694.37	-303.28 1514.60	-781.73 1393.10

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
38	ok	3.41						
69	ok	0.0						
855	ok	0.68						
865	ok	3.41						
866	ok	1.68						
1156	ok	2.15						
1157	ok	1.30						
1158	ok	0.84						
1159	ok	0.54						
1160	ok	0.31						
1161	ok	0.17						
1162	ok	0.33						
1163	ok	0.53						
1164	ok	0.75						
1165	ok	1.06						
1166	ok	1.87						
1167	ok	0.21						
1168	ok	0.49						
1169	ok	0.65						
1170	ok	0.62						
1171	ok	0.47						
1172	ok	0.28						
1173	ok	0.12						
1174	ok	0.31						
1175	ok	0.51						
1176	ok	0.71						
1177	ok	0.87						
1178	ok	0.87						
1179	ok	0.47						
1180	ok	0.54						
1181	ok	0.49						
1182	ok	0.54						
1183	ok	0.0						
1184	ok	0.57						
1185	ok	0.31						
1186	ok	0.62						
1187	ok	0.65						
1188	ok	0.55						
1189	ok	0.37						
1190	ok	0.18						
1191	ok	0.22						
1192	ok	0.41						
1193	ok	0.61						

1194	ok	0.81
1195	ok	0.87
1196	ok	0.74
1197	ok	0.54
1198	ok	0.68
1199	ok	2.98
1200	ok	1.31
1201	ok	0.89
1202	ok	0.64
1203	ok	0.43
1204	ok	0.24
1205	ok	0.21
1206	ok	0.42
1207	ok	0.68
1208	ok	1.04
1209	ok	1.67
1210	ok	0.0
1211	ok	0.0
1212	ok	2.15
1213	ok	1.67
1214	ok	1.30
1215	ok	1.04
1216	ok	0.84
1217	ok	0.68
1218	ok	0.54
1219	ok	0.42
1220	ok	0.31
1221	ok	0.21
1222	ok	0.17
1223	ok	0.24
1224	ok	0.33
1225	ok	0.43
1226	ok	0.53
1227	ok	0.64
1228	ok	0.75
1229	ok	0.89
1230	ok	1.06
1231	ok	1.31
1232	ok	1.87
1233	ok	2.98
1234	ok	3.41
1235	ok	3.41
1236	ok	1.68
1237	ok	0.86
1238	ok	0.86
1239	ok	0.83
1240	ok	0.83
1241	ok	0.78
1242	ok	0.68
1243	ok	0.58
1244	ok	0.47
1245	ok	0.37
1246	ok	0.28
1247	ok	0.18
1248	ok	0.12
1249	ok	0.22
1250	ok	0.31
1251	ok	0.41
1252	ok	0.51
1253	ok	0.61
1254	ok	0.71
1255	ok	0.81
1256	ok	0.91
1257	ok	1.01
1258	ok	1.05
1259	ok	1.10
1260	ok	1.10
1261	ok	1.01
1262	ok	0.80

Nodo			Max tau 3.41	Ver V pr		Ver V sec	Af V pr		Af V sec	V pr	V sec	
Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb

69 ok 0.33 0.12 1.53 0.0 0.0 0.0 0.0 0 0 0 8

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
13	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
30	ok	0.15	0.4	2.95e-02	7.7	7.7	7.7	7.7	-67.3	43.1	-29.9	644.4	990.9	1020.5
1263	ok	0.15	0.4	4.75e-02	7.7	7.7	7.7	7.7	-31.7	-98.4	26.1	1629.1	693.8	-225.7
1264	ok	0.15	0.1	4.48e-02	7.7	7.7	7.7	7.7	-19.5	-89.2	23.6	495.5	102.0	-111.5
1265	ok	0.15	7.85e-02	4.09e-02	7.7	7.7	7.7	7.7	-7.3	-99.9	14.3	146.7	-362.0	-85.8
1266	ok	0.15	0.1	3.67e-02	7.7	7.7	7.7	7.7	1.1	-70.6	21.9	43.2	-562.1	-78.8
1267	ok	0.15	0.1	3.25e-02	7.7	7.7	7.7	7.7	3.0	-55.9	25.5	19.9	-638.8	-74.3
1268	ok	0.15	0.1	2.76e-02	7.7	7.7	7.7	7.7	4.9	-31.6	25.7	14.1	-592.9	-60.1
1269	ok	0.15	0.1	2.23e-02	7.7	7.7	7.7	7.7	6.9	-16.2	28.6	59.7	-417.6	-43.6
1270	ok	0.15	5.80e-02	1.64e-02	7.7	7.7	7.7	7.7	16.1	4.8	24.2	214.1	-87.8	2.6
1271	ok	0.15	0.2	2.31e-02	7.7	7.7	7.7	7.7	10.8	-17.8	46.6	619.7	624.9	78.9
1272	ok	0.15	0.1	2.47e-03	7.7	7.7	7.7	7.7	-3.7	161.2	-2.1	-37.0	318.8	232.4
1273	ok	0.15	7.78e-03	8.83e-05	7.7	7.7	7.7	7.7	3.2	6.8	1.0	7.1	12.0	4.8
1274	ok	0.15	0.5	2.10e-03	7.7	7.7	7.7	7.7	-3.7	212.7	11.4	22.4	980.0	357.2
1275	ok	0.15	0.2	1.93e-04	7.7	7.7	7.7	7.7	2.7	285.3	21.1	5.9	370.7	160.9
1276	ok	0.15	0.1	1.92e-04	7.7	7.7	7.7	7.7	2.1	260.3	19.1	5.8	-242.1	33.7
1277	ok	0.15	0.2	3.82e-04	7.7	7.7	7.7	7.7	1.1	203.1	14.7	-1.6	-514.0	-40.8
1278	ok	0.15	0.2	5.05e-04	7.7	7.7	7.7	7.7	0.7	154.2	11.6	1.2	-645.3	-62.2
1279	ok	0.15	0.2	5.72e-04	7.7	7.7	7.7	7.7	-4.56e-02	100.2	9.1	0.1	-614.8	-52.1
1280	ok	0.15	0.1	6.43e-04	7.7	7.7	7.7	7.7	-0.4	51.8	5.7	-6.00e-02	-454.4	-36.1
1281	ok	0.15	4.62e-02	8.95e-04	7.7	7.7	7.7	7.7	-1.1	15.3	2.4	-1.6	-184.1	-13.8
1282	ok	0.15	3.75e-02	4.75e-03	7.7	7.7	7.7	7.7	-3.93e-02	-3.0	-1.8	-0.5	148.0	34.4
1283	ok	0.15	4.19e-02	4.86e-03	7.7	7.7	7.7	7.7	-6.1	-10.8	-2.2	140.9	20.4	73.2
1284	ok	0.15	0.1	5.89e-02	7.7	7.7	7.7	7.7	-119.5	-84.3	-44.4	389.6	88.0	222.3
1285	ok	0.15	0.3	2.04e-02	7.7	7.7	7.7	7.7	29.7	24.2	20.1	702.5	969.3	286.9
1286	ok	0.15	0.1	1.43e-02	7.7	7.7	7.7	7.7	23.2	-11.6	28.9	392.5	276.2	29.9
1287	ok	0.15	6.75e-02	1.94e-02	7.7	7.7	7.7	7.7	9.9	-9.1	27.7	111.3	-274.2	-29.4
1288	ok	0.15	0.1	2.51e-02	7.7	7.7	7.7	7.7	5.7	-24.2	28.7	30.4	-521.2	-53.5
1289	ok	0.15	0.1	3.01e-02	7.7	7.7	7.7	7.7	4.3	-39.9	28.2	10.4	-629.3	-65.8
1290	ok	0.15	0.1	3.45e-02	7.7	7.7	7.7	7.7	2.3	-63.4	24.5	30.7	-616.7	-76.9
1291	ok	0.15	0.1	3.89e-02	7.7	7.7	7.7	7.7	-2.3	-88.2	22.2	93.1	-479.3	-66.2
1292	ok	0.15	7.15e-02	4.29e-02	7.7	7.7	7.7	7.7	-14.9	-106.7	14.1	267.4	-209.8	-102.9
1293	ok	0.15	0.2	4.64e-02	7.7	7.7	7.7	7.7	-29.1	-93.4	23.5	896.1	345.1	-155.1
1297	ok	0.15	0.5	2.99e-03	7.7	7.7	7.7	7.7	-4.9	180.3	18.4	4.5	1179.2	439.9
1298	ok	0.15	0.4	4.68e-04	7.7	7.7	7.7	7.7	3.2	270.1	16.8	3.5	670.0	242.5
1299	ok	0.15	6.54e-02	6.88e-05	7.7	7.7	7.7	7.7	1.6	262.5	20.4	6.7	101.3	85.9
1300	ok	0.15	0.2	3.24e-04	7.7	7.7	7.7	7.7	2.0	238.8	15.8	0.2	-410.2	-5.5
1301	ok	0.15	0.2	4.53e-04	7.7	7.7	7.7	7.7	0.9	178.5	12.9	-2.8	-604.1	-53.7
1302	ok	0.15	0.2	5.41e-04	7.7	7.7	7.7	7.7	0.6	130.2	10.0	-0.9	-647.7	-61.2
1303	ok	0.15	0.2	6.02e-04	7.7	7.7	7.7	7.7	-0.2	75.8	7.4	0.2	-550.9	-45.0
1304	ok	0.15	8.59e-02	7.09e-04	7.7	7.7	7.7	7.7	-0.6	36.6	4.0	-0.6	-328.5	-25.7
1305	ok	0.15	1.70e-02	3.58e-03	7.7	7.7	7.7	7.7	-0.3	-2.0	-9.05e-02	-3.4	63.2	22.0
1306	ok	0.15	3.38e-02	2.26e-03	7.7	7.7	7.7	7.7	-0.3	2.2	-0.3	0.7	129.9	35.4
1307	ok	0.15	0.2	5.50e-02	7.7	7.7	7.7	7.7	0.6	-19.0	1.1	372.3	305.4	397.0
1308	ok	0.15	5.84e-02	1.89e-02	7.7	7.7	7.7	7.7	-16.6	-41.6	-9.5	87.5	136.0	144.6
1309	ok	0.15	9.45e-02	2.15e-02	7.7	7.7	7.7	7.7	53.1	-42.3	9.4	233.1	385.5	57.5
1310	ok	0.15	5.15e-02	7.41e-03	7.7	7.7	7.7	7.7	5.3	-14.5	-8.60e-02	40.0	199.0	56.3
1311	ok	0.15	5.21e-02	1.53e-02	7.7	7.7	7.7	7.7	24.6	-29.2	24.7	184.3	198.2	-34.0
1312	ok	0.15	2.59e-02	6.75e-03	7.7	7.7	7.7	7.7	10.2	-4.3	10.8	22.5	104.6	-10.0
1313	ok	0.15	3.49e-02	1.45e-02	7.7	7.7	7.7	7.7	12.4	-0.5	28.4	100.0	-127.6	-50.5
1314	ok	0.15	4.15e-02	6.96e-03	7.7	7.7	7.7	7.7	4.8	6.3	18.7	18.3	-159.3	-37.9
1315	ok	0.15	7.58e-02	1.49e-02	7.7	7.7	7.7	7.7	8.6	3.5	31.6	61.4	-295.6	-55.2
1316	ok	0.15	8.07e-02	6.35e-03	7.7	7.7	7.7	7.7	3.8	18.3	23.3	13.1	-311.8	-45.8
1317	ok	0.15	0.1	1.52e-02	7.7	7.7	7.7	7.7	5.8	6.5	33.6	32.8	-431.4	-59.2
1318	ok	0.15	0.1	5.88e-03	7.7	7.7	7.7	7.7	3.2	31.1	26.2	5.9	-441.8	-50.2
1319	ok	0.15	0.1	1.50e-02	7.7	7.7	7.7	7.7	4.7	8.7	31.6	12.1	-534.5	-61.2
1320	ok	0.15	0.1	5.18e-03	7.7	7.7	7.7	7.7	3.1	43.9	24.9	-1.9	-542.6	-53.4
1321	ok	0.15	0.2	1.45e-02	7.7	7.7	7.7	7.7	4.3	11.1	32.2	1.6	-602.4	-63.4
1322	ok	0.15	0.2	4.55e-03	7.7	7.7	7.7	7.7	3.1	57.4	26.1	-5.9	-608.9	-57.0
1323	ok	0.15	0.2	1.38e-02	7.7	7.7	7.7	7.7	4.4	8.6	34.0	-0.5	-637.0	-68.1
1324	ok	0.15	0.2	3.99e-03	7.7	7.7	7.7	7.7	3.4	73.3	28.4	-5.9	-641.9	-63.8
1325	ok	0.15	0.2	1.31e-02	7.7	7.7	7.7	7.7	4.1	12.0	33.3	11.6	-644.8	-69.3
1326	ok	0.15	0.2	3.64e-03	7.7	7.7	7.7	7.7	3.4	79.6	29.0	-1.2	-645.7	-64.0
1327	ok	0.15	0.2	1.19e-02	7.7	7.7	7.7	7.7	3.5	14.5	33.0	26.4	-619.8	-66.2

1328	ok	0.15	0.2	3.33e-03	7.7	7.7	7.7	7.7	3.3	92.8	29.6	13.4	-614.9	-57.7
1329	ok	0.15	0.1	1.11e-02	7.7	7.7	7.7	7.7	3.2	16.4	31.4	48.7	-561.2	-59.3
1330	ok	0.15	0.2	3.16e-03	7.7	7.7	7.7	7.7	3.1	105.5	28.7	29.5	-546.7	-42.0
1331	ok	0.15	0.1	1.04e-02	7.7	7.7	7.7	7.7	0.7	12.2	32.5	103.6	-473.6	-25.8
1332	ok	0.15	0.1	2.53e-03	7.7	7.7	7.7	7.7	3.1	125.2	30.7	68.5	-445.7	7.6
1333	ok	0.15	8.79e-02	1.00e-02	7.7	7.7	7.7	7.7	-2.9	11.0	23.8	172.9	-348.5	-20.8
1334	ok	0.15	9.78e-02	2.52e-03	7.7	7.7	7.7	7.7	1.2	134.3	29.0	120.8	-303.8	54.9
1335	ok	0.15	7.89e-02	1.02e-02	7.7	7.7	7.7	7.7	-9.5	19.1	26.6	310.0	-193.7	38.2
1336	ok	0.15	7.83e-02	2.88e-03	7.7	7.7	7.7	7.7	-2.0	144.1	25.4	186.7	-107.1	158.1
1337	ok	0.15	0.1	1.14e-02	7.7	7.7	7.7	7.7	-16.7	41.2	29.0	536.9	133.4	92.2
1338	ok	0.15	0.2	4.42e-03	7.7	7.7	7.7	7.7	-5.0	160.8	19.7	284.6	249.1	301.3
1339	ok	0.15	0.2	1.56e-02	7.7	7.7	7.7	7.7	-25.7	59.3	20.6	865.3	382.1	190.6
1340	ok	0.15	0.3	7.37e-03	7.7	7.7	7.7	7.7	-9.6	166.9	6.4	394.2	522.5	482.2
1341	ok	0.15	0.4	3.88e-02	7.7	7.7	7.7	7.7	-95.5	77.5	-15.1	1359.5	711.7	322.7
1342	ok	0.15	0.4	8.43e-03	7.7	7.7	7.7	7.7	-3.9	138.5	-15.3	500.9	812.5	714.5

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	7.71	0.08	7.70	7.70	7.70	7.70	-119.47	-106.68	-81.06	-37.03	-647.69	-907.36
								359.85	285.27	46.58	5475.28	1958.98	1020.46

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
22	ok	4.62						
30	ok	1.48						
1263	ok	2.89						
1264	ok	1.12						
1265	ok	0.53						
1266	ok	0.25						
1267	ok	0.09						
1268	ok	0.18						
1269	ok	0.37						
1270	ok	0.69						
1271	ok	1.41						
1272	ok	2.13						
1273	ok	0.19						
1274	ok	0.80						
1275	ok	0.67						
1276	ok	0.47						
1277	ok	0.36						
1278	ok	0.22						
1279	ok	0.25						
1280	ok	0.31						
1281	ok	0.31						
1282	ok	0.25						
1283	ok	0.42						
1284	ok	1.43						
1285	ok	1.47						
1286	ok	0.94						
1287	ok	0.50						
1288	ok	0.26						
1289	ok	0.10						
1290	ok	0.17						
1291	ok	0.37						
1292	ok	0.76						
1293	ok	1.73						
1294	ok	4.62						
1295	ok	4.73						
1296	ok	3.90						
1297	ok	2.13						
1298	ok	0.70						
1299	ok	0.58						
1300	ok	0.45						
1301	ok	0.29						
1302	ok	0.19						
1303	ok	0.31						
1304	ok	0.31						
1305	ok	0.30						
1306	ok	0.18						
1307	ok	1.44						
1308	ok	0.62						
1309	ok	1.43						
1310	ok	0.58						
1311	ok	0.94						
1312	ok	0.50						
1313	ok	0.70						

1314	ok	0.48
1315	ok	0.53
1316	ok	0.45
1317	ok	0.41
1318	ok	0.38
1319	ok	0.31
1320	ok	0.30
1321	ok	0.23
1322	ok	0.23
1323	ok	0.15
1324	ok	0.16
1325	ok	0.14
1326	ok	0.20
1327	ok	0.21
1328	ok	0.28
1329	ok	0.30
1330	ok	0.38
1331	ok	0.41
1332	ok	0.45
1333	ok	0.56
1334	ok	0.59
1335	ok	0.78
1336	ok	0.76
1337	ok	1.16
1338	ok	1.00
1339	ok	1.80
1340	ok	1.27
1341	ok	2.92
1342	ok	1.80
1343	ok	4.72
1344	ok	3.94

Nodo	Max tau 4.73	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
------	-----------------	----------	-----------	---------	----------	------	-------

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
14	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
581	ok	0.15	0.2	3.98e-02	7.7	7.7	7.7	7.7	52.5	17.6	-50.5	-350.5	-97.7	292.0
582	ok	0.15	9.48e-02	2.19e-02	7.7	7.7	7.7	7.7	38.7	31.7	-24.1	-205.2	-65.7	183.4
583	ok	0.15	5.08e-02	1.47e-02	7.7	7.7	7.7	7.7	25.1	30.4	-17.7	-127.3	-44.3	99.0
584	ok	0.15	2.68e-02	9.14e-03	7.7	7.7	7.7	7.7	22.7	27.8	-13.7	-100.3	-35.8	13.0
585	ok	0.15	4.25e-02	4.34e-03	7.7	7.7	7.7	7.7	23.5	6.8	-24.9	-110.7	-39.4	-88.2
586	ok	0.15	0.2	2.09e-02	7.7	7.7	7.7	7.7	65.5	12.0	38.8	-435.6	-20.0	-201.8
1272	ok	0.15	8.60e-02	0.0	7.7	7.7	7.7	7.7	4.1	178.3	17.8	-73.3	65.3	239.6
1347	ok	0.15	9.95e-02	1.74e-02	7.7	7.7	7.7	7.7	-1.2	-15.8	-9.2	14.9	-420.8	-32.3
1348	ok	0.15	9.18e-02	1.28e-02	7.7	7.7	7.7	7.7	-0.7	7.1	-1.3	-10.3	-359.4	-73.5
1349	ok	0.15	8.54e-02	1.09e-02	7.7	7.7	7.7	7.7	4.87e-02	14.5	-1.6	-14.4	-320.3	-83.8
1350	ok	0.15	7.55e-02	8.98e-03	7.7	7.7	7.7	7.7	0.6	20.8	1.07e-02	-14.9	-298.0	-22.9
1351	ok	0.15	7.10e-02	5.89e-03	7.7	7.7	7.7	7.7	0.4	20.3	2.3	-6.4	-272.7	16.0
1352	ok	0.15	7.12e-02	2.01e-03	7.7	7.7	7.7	7.7	0.2	27.3	2.3	2.40e-03	-268.1	51.3
1353	ok	0.15	7.74e-02	2.47e-04	7.7	7.7	7.7	7.7	0.1	38.1	3.1	5.4	-273.0	90.4
1354	ok	0.15	8.79e-02	2.41e-04	7.7	7.7	7.7	7.7	-7.87e-02	51.3	3.7	11.4	-284.3	132.4
1355	ok	0.15	0.1	3.31e-04	7.7	7.7	7.7	7.7	-6.30e-02	67.5	5.4	16.6	-296.3	175.1
1356	ok	0.15	0.1	7.73e-04	7.7	7.7	7.7	7.7	-1.0	84.9	7.4	23.0	-294.4	216.9
1357	ok	0.15	0.1	1.60e-03	7.7	7.7	7.7	7.7	-2.1	95.7	11.4	28.7	-256.9	251.9
1358	ok	0.15	9.81e-02	1.88e-03	7.7	7.7	7.7	7.7	0.4	125.4	14.9	32.5	-166.8	262.9
1359	ok	0.15	9.89e-02	1.12e-03	7.7	7.7	7.7	7.7	-1.3	141.4	12.9	35.8	83.5	281.3
1360	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	3.6	181.6	6.1	40.2	285.1	293.0
1362	ok	0.15	0.2	6.32e-02	7.7	7.7	7.7	7.7	-75.8	39.6	-75.2	-585.3	-179.4	397.7
1363	ok	0.15	0.1	3.26e-02	7.7	7.7	7.7	7.7	-20.0	45.0	-44.2	-346.0	-116.4	242.0
1364	ok	0.15	7.63e-02	1.92e-02	7.7	7.7	7.7	7.7	-11.4	45.0	-28.9	-203.4	-67.3	146.6
1365	ok	0.15	4.46e-02	1.18e-02	7.7	7.7	7.7	7.7	-5.5	38.2	-20.5	-141.7	-46.8	67.2
1366	ok	0.15	3.40e-02	1.17e-02	7.7	7.7	7.7	7.7	-16.5	-3.7	-18.7	-139.1	-45.6	-27.7
1367	ok	0.15	9.10e-02	1.75e-02	7.7	7.7	7.7	7.7	-33.3	-26.0	-8.2	-186.8	-74.7	-230.7
1373	ok	0.15	0.1	1.04e-02	7.7	7.7	7.7	7.7	-21.1	23.6	-16.6	323.8	-358.5	-108.8
1374	ok	0.15	0.2	1.71e-02	7.7	7.7	7.7	7.7	-20.4	-30.6	5.1	549.8	-200.9	-660.9

1375	ok	0.15	0.1	6.41e-03	7.7	7.7	7.7	7.7	-7.0	18.0	-7.9	56.9	-351.6	-199.6
1376	ok	0.15	0.1	3.82e-03	7.7	7.7	7.7	7.7	-3.8	14.0	1.5	-99.3	-207.3	-391.8
1377	ok	0.15	9.19e-02	5.99e-03	7.7	7.7	7.7	7.7	-1.0	16.3	-3.4	-65.6	-282.4	-148.2
1378	ok	0.15	9.71e-02	6.81e-03	7.7	7.7	7.7	7.7	4.0	7.6	-9.6	-169.1	-162.6	-237.2
1379	ok	0.15	6.50e-02	5.73e-03	7.7	7.7	7.7	7.7	1.3	21.0	-5.3	-102.6	-246.9	-45.0
1380	ok	0.15	5.65e-02	4.88e-03	7.7	7.7	7.7	7.7	6.0	27.7	-23.7	-172.7	-133.0	-80.8
1381	ok	0.15	5.87e-02	4.78e-03	7.7	7.7	7.7	7.7	0.9	23.7	-6.1	-106.4	-221.0	25.7
1382	ok	0.15	4.29e-02	8.17e-03	7.7	7.7	7.7	7.7	5.7	15.0	-8.0	-168.5	-120.0	16.2
1383	ok	0.15	6.92e-02	4.25e-03	7.7	7.7	7.7	7.7	0.9	32.8	-7.6	-100.2	-217.4	92.8
1384	ok	0.15	6.32e-02	6.62e-03	7.7	7.7	7.7	7.7	1.1	33.6	-20.1	-169.3	-121.0	95.7
1385	ok	0.15	8.82e-02	3.67e-03	7.7	7.7	7.7	7.7	6.95e-02	41.0	-10.0	-103.3	-226.1	163.3
1386	ok	0.15	8.54e-02	9.45e-03	7.7	7.7	7.7	7.7	3.9	25.2	-13.8	-178.6	-133.9	177.3
1387	ok	0.15	0.1	3.43e-03	7.7	7.7	7.7	7.7	-7.30e-02	53.0	-11.3	-100.8	-241.1	237.2
1388	ok	0.15	0.1	8.91e-03	7.7	7.7	7.7	7.7	1.9	50.4	-25.2	-181.6	-145.0	258.4
1389	ok	0.15	0.1	3.49e-03	7.7	7.7	7.7	7.7	-2.2	63.3	-13.1	-96.1	-261.5	312.2
1390	ok	0.15	0.1	1.19e-02	7.7	7.7	7.7	7.7	-0.8	28.9	-18.7	-214.0	-172.9	350.0
1391	ok	0.15	0.2	3.45e-03	7.7	7.7	7.7	7.7	-3.7	79.6	-12.7	-78.9	-272.7	384.6
1392	ok	0.15	0.2	1.31e-02	7.7	7.7	7.7	7.7	-2.7	73.4	-34.5	-200.4	-187.2	443.5
1393	ok	0.15	0.2	4.25e-03	7.7	7.7	7.7	7.7	-7.9	93.2	-10.9	-46.8	-259.0	441.9
1394	ok	0.15	0.2	1.94e-02	7.7	7.7	7.7	7.7	-13.0	26.7	-13.2	-246.7	-215.9	546.0
1395	ok	0.15	0.2	5.17e-03	7.7	7.7	7.7	7.7	0.6	123.5	-19.7	58.3	-185.1	497.9
1396	ok	0.15	0.3	2.12e-02	7.7	7.7	7.7	7.7	12.6	141.0	-74.2	-120.4	-172.0	631.0
1397	ok	0.15	0.1	1.26e-02	7.7	7.7	7.7	7.7	-21.0	124.3	-20.2	186.0	30.1	433.6

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	21.42	0.23	7.70	7.70	7.70	7.70	-461.53 457.99	-195.38 312.32	-89.91 100.46	-6185.77 1.311e+04	-5242.93 4832.78	-7142.13 2877.83

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
22	ok Av	6.32	0.11	0.29	3.1	8.3	37.6	101.2
40	ok Av	8.19	0.07	0.38	1.9	11.0	23.5	134.0
580	ok	1.60						
581	ok	0.62						
582	ok	0.53						
583	ok	0.32						
584	ok	0.27						
585	ok	0.35						
586	ok	1.17						
1272	ok	1.19						
1295	ok Av	6.05	0.11	0.27	3.0	7.7	36.9	93.6
1296	ok	2.33						
1345	ok	4.46						
1346	ok	4.45						
1347	ok	0.88						
1348	ok	0.20						
1349	ok	0.09						
1350	ok	0.06						
1351	ok	0.09						
1352	ok	0.14						
1353	ok	0.18						
1354	ok	0.24						
1355	ok	0.31						
1356	ok	0.50						
1357	ok	0.65						
1358	ok	0.86						
1359	ok	0.96						
1360	ok	1.09						
1361	ok Av	6.38	0.10	0.29	2.9	8.3	35.6	101.4
1362	ok	1.11						
1363	ok	0.64						
1364	ok	0.41						
1365	ok	0.30						
1366	ok	0.34						
1367	ok	0.48						
1368	ok Av	8.08	0.07	0.38	2.0	10.9	24.5	132.4
1369	ok Av	8.79	0.05	0.41	1.5	11.9	17.7	144.8
1370	ok	4.44						
1371	ok	4.40						
1372	ok Av	8.67	0.05	0.41	1.5	11.7	18.7	142.7
1373	ok	1.13						
1374	ok	1.22						
1375	ok	0.32						
1376	ok	0.34						
1377	ok	0.13						

1378	ok	0.31					
1379	ok	0.12					
1380	ok	0.24					
1381	ok	0.11					
1382	ok	0.27					
1383	ok	0.12					
1384	ok	0.29					
1385	ok	0.16					
1386	ok	0.36					
1387	ok	0.20					
1388	ok	0.36					
1389	ok	0.27					
1390	ok	0.52					
1391	ok	0.37					
1392	ok	0.52					
1393	ok	0.51					
1394	ok	0.57					
1395	ok	0.73					
1396	ok	0.82					
1397	ok	1.31					
1398	ok	1.62					
1399	ok	2.26					
1400	ok Av	6.01	0.10	0.27	2.9	7.7	35.1 93.7

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	8.79	0.11	0.41	3.08	11.89	37.56	144.85

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
15	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1406	ok	0.15	0.3	1.01e-02	7.7	7.7	7.7	14.0	16.9	-16.6	-69.5	-806.8	496.4
1407	ok	0.15	8.80e-03	1.56e-04	7.7	7.7	7.7	1.0	-4.68e-02	-4.93e-02	12.0	35.7	-3.7
1408	ok	0.15	0.2	5.64e-03	7.7	7.7	7.7	56.7	-12.9	6.3	345.8	839.8	344.0
1409	ok	0.15	8.48e-02	6.07e-04	7.7	7.7	7.7	50.3	-0.4	4.9	-254.4	29.2	156.6
1410	ok	0.15	0.1	3.83e-04	7.7	7.7	7.7	27.9	-0.2	1.4	-358.5	30.1	220.0
1411	ok	0.15	0.1	1.11e-03	7.7	7.7	7.7	3.5	4.29e-03	2.7	-376.3	37.7	268.8
1412	ok	0.15	0.1	6.79e-03	7.7	7.7	7.7	-9.5	2.4	1.3	-257.8	273.2	209.6
1415	ok	0.15	0.1	4.85e-04	7.7	7.7	7.7	5.6	3.5	-0.7	-79.7	-351.2	165.2
1416	ok	0.15	6.11e-02	1.48e-04	7.7	7.7	7.7	0.5	0.7	-0.6	-211.9	8.1	101.4
1417	ok	0.15	8.96e-02	4.61e-03	7.7	7.7	7.7	-10.6	6.20e-02	0.3	-305.0	10.1	165.6
1418	ok	0.15	0.1	1.18e-02	7.7	7.7	7.7	-28.6	-9.62e-02	-7.82e-02	-364.1	17.7	211.7
1419	ok	0.15	0.1	1.93e-02	7.7	7.7	7.7	-47.5	-0.4	-1.3	-387.1	22.6	235.7
1420	ok	0.15	0.1	2.64e-02	7.7	7.7	7.7	-64.1	7.64e-02	-2.0	-364.6	19.8	252.7
1421	ok	0.15	0.1	3.27e-02	7.7	7.7	7.7	-82.0	3.3	-3.3	-333.7	12.3	332.9
1422	ok	0.15	0.2	4.02e-02	7.7	7.7	7.7	-89.3	41.2	-16.3	-374.1	-119.5	469.0
1427	ok	0.15	5.68e-02	1.28e-03	7.7	7.7	7.7	75.2	-2.2	3.4	-124.9	78.3	136.6
1428	ok	0.15	0.1	5.03e-04	7.7	7.7	7.7	38.5	-0.3	3.6	-317.7	20.3	178.2
1429	ok	0.15	0.1	4.73e-04	7.7	7.7	7.7	15.8	-1.10e-02	3.8	-370.9	42.4	230.6
1430	ok	0.15	0.4	2.80e-02	7.7	7.7	7.7	-10.2	-32.5	-48.3	-68.9	-532.0	1083.1
1431	ok	0.15	0.2	9.95e-03	7.7	7.7	7.7	-20.1	0.4	11.1	-381.8	-10.8	531.4
1432	ok	0.15	0.2	8.15e-03	7.7	7.7	7.7	-13.6	-0.9	10.2	-309.9	-81.1	464.8
1433	ok	0.15	0.2	4.02e-03	7.7	7.7	7.7	22.4	19.1	4.6	-253.3	-608.5	-9.0
1434	ok	0.15	0.2	1.16e-02	7.7	7.7	7.7	-25.0	0.7	11.0	-406.6	17.2	558.3
1435	ok	0.15	0.2	8.81e-03	7.7	7.7	7.7	-14.3	-3.0	12.3	-310.1	-220.5	717.2
1436	ok	0.15	0.2	5.80e-03	7.7	7.7	7.7	-3.8	1.5	10.0	-410.2	28.0	579.5
1437	ok	0.15	0.1	3.22e-03	7.7	7.7	7.7	17.4	2.5	10.7	-148.0	-206.4	426.7
1438	ok	0.15	0.2	4.53e-03	7.7	7.7	7.7	14.6	1.0	9.4	-272.4	-26.5	491.7
1439	ok	0.15	0.2	2.91e-03	7.7	7.7	7.7	8.9	1.2	10.5	-350.9	26.9	517.8
1440	ok	0.15	0.2	5.08e-03	7.7	7.7	7.7	-0.4	1.0	11.1	-400.4	36.1	553.6
1441	ok	0.15	0.2	1.34e-02	7.7	7.7	7.7	-29.1	2.3	13.1	-326.3	-21.9	617.5
1442	ok	0.15	0.2	1.33e-02	7.7	7.7	7.7	-29.9	0.6	10.8	-395.0	32.1	573.2
1443	ok	0.15	0.2	2.49e-02	7.7	7.7	7.7	-37.4	-0.4	15.5	-204.5	-169.7	746.6
1445	ok	0.15	0.1	4.67e-03	7.7	7.7	7.7	-2.9	-3.9	3.2	-172.0	-231.9	349.7
1447	ok	0.15	0.2	6.90e-03	7.7	7.7	7.7	-8.5	0.9	9.9	-373.0	-20.1	612.6
1449	ok	0.15	0.2	1.05e-02	7.7	7.7	7.7	-3.2	-10.4	-9.4	-64.6	-480.2	559.6

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
------	-----	-------	----------	--------	---------------	---------	-----	-----	------	-----	-----	------

0.15	3.57	0.10	7.70	7.70	7.70	7.70	-233.18 192.63	-223.11 247.68	-86.96 69.39	-1546.01 2424.44	-1.707e+04 8360.93	-4875.20 2151.20
------	------	------	------	------	------	------	-------------------	-------------------	-----------------	---------------------	-----------------------	---------------------

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
33	ok Av	12.25	0.55	0.22	15.9	6.5	194.0	79.0
1345	ok	3.67						
1405	ok	3.19						
1406	ok	4.53						
1407	ok	0.40						
1408	ok	1.70						
1409	ok	0.47						
1410	ok	0.47						
1411	ok	0.59						
1412	ok	0.66						
1413	ok	3.63						
1414	ok	3.65						
1415	ok	0.84						
1416	ok	0.40						
1417	ok	0.34						
1418	ok	0.38						
1419	ok	0.43						
1420	ok	0.43						
1421	ok	0.38						
1422	ok	0.79						
1423	ok	3.24						
1424	ok	3.12						
1425	ok Av	12.37	0.56	0.22	16.1	6.5	195.9	78.7
1426	ok Av	12.04	0.55	0.24	15.7	6.8	191.3	82.9
1427	ok	0.45						
1428	ok	0.48						
1429	ok	0.52						
1430	ok	4.25						
1431	ok	0.38						
1432	ok	0.33						
1433	ok	1.65						
1434	ok	0.43						
1435	ok	0.65						
1436	ok	0.50						
1437	ok	0.44						
1438	ok	0.47						
1439	ok	0.47						
1440	ok	0.47						
1441	ok	0.36						
1442	ok	0.44						
1443	ok	0.80						
1444	ok Av	12.12	0.55	0.23	15.9	6.7	193.3	81.9
1445	ok	0.83						
1446	ok	3.61						
1447	ok	0.57						
1448	ok	3.15						
1449	ok	1.23						

Nodo	Max tau 12.37	Ver V pr 0.56	Ver V sec 0.24	Af V pr 16.08	Af V sec 6.81	V pr 195.88	V sec 82.89
------	------------------	------------------	-------------------	------------------	------------------	----------------	----------------

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
16	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1450	ok	0.15	0.1	2.95e-02	7.7	7.7	7.7	7.7	-72.6	-7.4	12.6	331.9	-506.8	-164.5
1451	ok	0.15	0.2	1.41e-02	7.7	7.7	7.7	7.7	7.9	0.3	-8.11e-02	-973.5	13.9	-84.9
1452	ok	0.15	0.4	1.14e-02	7.7	7.7	7.7	7.7	4.1	0.1	0.1	-1638.3	9.6	-69.9
1453	ok	0.15	0.5	1.04e-02	7.7	7.7	7.7	7.7	4.5	0.2	0.3	-2077.0	8.4	-102.6
1454	ok	0.15	0.6	9.45e-03	7.7	7.7	7.7	7.7	2.7	0.2	0.2	-2327.8	5.3	-147.1
1455	ok	0.15	0.6	8.85e-03	7.7	7.7	7.7	7.7	2.6	0.2	0.2	-2399.0	3.5	-193.3
1456	ok	0.15	0.6	8.55e-03	7.7	7.7	7.7	7.7	3.9	0.5	-0.1	-2286.7	2.8	-218.0
1457	ok	0.15	0.5	8.12e-03	7.7	7.7	7.7	7.7	8.1	0.3	-1.7	-2020.9	-1.8	-240.9

1458	ok	0.15	0.4	7.90e-03	7.7	7.7	7.7	7.7	-13.8	9.73e-02	-1.7	-1557.6	-3.8	-269.4
1459	ok	0.15	0.2	8.35e-03	7.7	7.7	7.7	7.7	-11.2	-0.2	-3.0	-868.6	-0.9	-268.3
1460	ok	0.15	0.1	1.12e-02	7.7	7.7	7.7	7.7	44.7	-8.1	-0.3	-497.4	-156.6	-128.1
1461	ok	0.15	4.01e-02	2.27e-03	7.7	7.7	7.7	7.7	-1.9	0.6	0.8	-35.9	150.0	30.7
1462	ok	0.15	4.89e-02	2.54e-03	7.7	7.7	7.7	7.7	0.4	-3.1	0.5	-70.0	-129.4	-97.5
1463	ok	0.15	8.49e-02	1.70e-03	7.7	7.7	7.7	7.7	1.8	2.1	-4.6	-342.5	136.6	54.0
1464	ok	0.15	0.2	1.24e-03	7.7	7.7	7.7	7.7	4.4	-0.3	-4.0	-942.1	107.3	-30.6
1465	ok	0.15	0.4	8.53e-04	7.7	7.7	7.7	7.7	3.8	0.3	-2.4	-1502.9	46.5	-136.1
1466	ok	0.15	0.5	4.14e-04	7.7	7.7	7.7	7.7	3.3	0.4	-1.2	-1922.7	21.2	-201.0
1467	ok	0.15	0.5	7.51e-04	7.7	7.7	7.7	7.7	2.6	0.4	-0.6	-2175.7	8.4	-247.8
1468	ok	0.15	0.6	1.14e-03	7.7	7.7	7.7	7.7	1.9	0.4	8.55e-02	-2255.9	2.7	-283.5
1469	ok	0.15	0.5	1.13e-03	7.7	7.7	7.7	7.7	-0.2	0.4	0.9	-2161.1	-2.2	-295.2
1470	ok	0.15	0.5	1.18e-03	7.7	7.7	7.7	7.7	-1.2	0.5	1.1	-1904.1	-5.0	-317.6
1471	ok	0.15	0.4	1.39e-03	7.7	7.7	7.7	7.7	-2.1	-0.3	0.9	-1481.7	-10.0	-330.1
1472	ok	0.15	0.2	1.87e-03	7.7	7.7	7.7	7.7	-2.6	-0.2	-8.64e-02	-927.1	-23.9	-315.4
1473	ok	0.15	0.1	2.59e-03	7.7	7.7	7.7	7.7	-0.4	1.3	-2.1	-351.8	-46.0	-244.6
1475	ok	0.15	0.1	6.84e-03	7.7	7.7	7.7	7.7	-12.4	3.9	4.2	-496.1	488.9	221.2
1476	ok	0.15	4.67e-02	7.71e-04	7.7	7.7	7.7	7.7	-1.1	0.7	-1.2	-164.5	106.4	91.5
1477	ok	0.15	0.2	1.65e-03	7.7	7.7	7.7	7.7	3.9	0.8	-5.0	-628.7	130.3	10.0
1478	ok	0.15	0.3	1.10e-03	7.7	7.7	7.7	7.7	4.3	-0.7	-3.2	-1240.0	80.4	-79.8
1479	ok	0.15	0.4	6.09e-04	7.7	7.7	7.7	7.7	3.6	0.4	-1.7	-1732.9	31.7	-171.3
1480	ok	0.15	0.5	5.07e-04	7.7	7.7	7.7	7.7	3.0	0.4	-1.0	-2070.6	13.7	-226.1
1481	ok	0.15	0.6	9.19e-04	7.7	7.7	7.7	7.7	2.2	0.4	-0.2	-2237.5	4.6	-266.8
1482	ok	0.15	0.6	1.41e-03	7.7	7.7	7.7	7.7	1.3	0.4	1.1	-2237.5	-2.3	-296.6
1483	ok	0.15	0.5	1.04e-03	7.7	7.7	7.7	7.7	-0.7	0.4	1.0	-2054.0	-3.6	-307.3
1484	ok	0.15	0.4	1.28e-03	7.7	7.7	7.7	7.7	-1.6	0.8	1.1	-1712.5	-7.0	-325.6
1485	ok	0.15	0.3	1.58e-03	7.7	7.7	7.7	7.7	-2.4	-0.3	0.6	-1216.6	-15.2	-328.3
1486	ok	0.15	0.2	2.33e-03	7.7	7.7	7.7	7.7	-2.5	-0.1	-0.8	-631.3	-35.6	-284.5
1487	ok	0.15	7.94e-02	2.02e-03	7.7	7.7	7.7	7.7	1.1	1.3	0.1	-166.7	-80.0	-194.1
1488	ok	0.15	0.2	6.73e-03	7.7	7.7	7.7	7.7	5.1	10.2	2.2	-743.2	-143.3	-391.3
1491	ok	0.15	0.1	9.30e-03	7.7	7.7	7.7	7.7	33.9	-3.1	0.6	-456.8	2.3	-200.0
1492	ok	0.15	0.3	8.00e-03	7.7	7.7	7.7	7.7	-12.9	-6.30e-02	-1.9	-1246.4	-3.6	-275.2
1493	ok	0.15	0.5	7.97e-03	7.7	7.7	7.7	7.7	-14.5	0.2	-1.9	-1813.8	-3.0	-257.0
1494	ok	0.15	0.5	8.34e-03	7.7	7.7	7.7	7.7	6.5	0.4	-0.4	-2168.1	1.9	-238.4
1495	ok	0.15	0.6	8.72e-03	7.7	7.7	7.7	7.7	3.6	0.2	0.2	-2375.7	0.5	-199.9
1496	ok	0.15	0.6	8.92e-03	7.7	7.7	7.7	7.7	2.5	0.2	0.2	-2385.6	4.7	-170.4
1497	ok	0.15	0.5	9.95e-03	7.7	7.7	7.7	7.7	3.4	0.2	0.1	-2225.1	7.6	-124.2
1498	ok	0.15	0.5	1.08e-02	7.7	7.7	7.7	7.7	6.0	0.1	0.3	-1882.3	9.2	-83.7
1499	ok	0.15	0.3	1.23e-02	7.7	7.7	7.7	7.7	6.3	0.1	3.20e-02	-1339.4	10.8	-66.6
1500	ok	0.15	0.1	1.82e-02	7.7	7.7	7.7	7.7	12.4	1.7	2.2	-531.0	-43.5	-132.5
1502	ok	0.15	0.2	4.75e-03	7.7	7.7	7.7	7.7	7.3	11.7	-8.5	602.1	734.0	-299.9
1504	ok	0.15	0.2	3.65e-03	7.7	7.7	7.7	7.7	10.9	1.4	-10.4	-319.3	477.9	83.7
1505	ok	0.15	0.3	8.02e-03	7.7	7.7	7.7	7.7	-2.8	-6.1	2.6	191.8	1128.6	-582.4
1506	ok	0.15	0.2	2.97e-03	7.7	7.7	7.7	7.7	9.3	-2.9	-4.0	-633.3	393.7	8.2
1507	ok	0.15	0.2	7.98e-03	7.7	7.7	7.7	7.7	11.8	-3.9	4.8	-608.5	402.2	-211.8
1508	ok	0.15	0.2	2.67e-03	7.7	7.7	7.7	7.7	9.2	-2.2	-3.9	-992.1	244.5	-40.2
1509	ok	0.15	0.2	7.61e-03	7.7	7.7	7.7	7.7	10.2	-0.9	-1.5	-998.4	249.3	-100.0
1510	ok	0.15	0.3	2.35e-03	7.7	7.7	7.7	7.7	7.9	-1.7	-2.9	-1293.2	159.7	-73.6
1511	ok	0.15	0.3	7.22e-03	7.7	7.7	7.7	7.7	7.9	-0.4	-1.7	-1323.2	148.0	-88.2
1512	ok	0.15	0.4	2.36e-03	7.7	7.7	7.7	7.7	6.9	-1.3	-2.3	-1558.1	104.5	-104.1
1513	ok	0.15	0.4	6.79e-03	7.7	7.7	7.7	7.7	6.2	-0.3	-1.7	-1600.7	92.9	-96.1
1514	ok	0.15	0.4	2.27e-03	7.7	7.7	7.7	7.7	6.3	-1.0	-1.8	-1784.3	69.4	-133.0
1515	ok	0.15	0.5	6.39e-03	7.7	7.7	7.7	7.7	4.8	-0.1	-1.5	-1833.5	61.5	-115.3
1516	ok	0.15	0.5	2.15e-03	7.7	7.7	7.7	7.7	5.7	-0.8	-1.3	-1970.2	47.3	-161.1
1517	ok	0.15	0.5	6.00e-03	7.7	7.7	7.7	7.7	3.4	-1.0	-0.6	-2026.2	45.8	-141.6
1518	ok	0.15	0.5	2.04e-03	7.7	7.7	7.7	7.7	5.2	-0.7	-0.8	-2114.4	33.2	-188.5
1519	ok	0.15	0.5	5.66e-03	7.7	7.7	7.7	7.7	2.3	-0.9	-0.4	-2171.8	34.5	-177.0
1520	ok	0.15	0.5	2.06e-03	7.7	7.7	7.7	7.7	4.8	-0.6	-0.3	-2216.3	22.8	-175.2
1521	ok	0.15	0.6	5.32e-03	7.7	7.7	7.7	7.7	1.5	-0.8	-0.1	-2273.3	27.4	-215.1
1522	ok	0.15	0.6	2.14e-03	7.7	7.7	7.7	7.7	4.3	-0.5	-9.59e-02	-2275.1	16.8	-241.1
1523	ok	0.15	0.6	4.99e-03	7.7	7.7	7.7	7.7	1.7	-0.6	2.1	-2331.0	21.2	-258.7
1524	ok	0.15	0.6	2.27e-03	7.7	7.7	7.7	7.7	4.3	-0.4	1.1	-2294.2	11.5	-265.1
1525	ok	0.15	0.6	4.82e-03	7.7	7.7	7.7	7.7	1.1	-0.6	2.4	-2348.1	16.8	-298.3
1526	ok	0.15	0.6	2.46e-03	7.7	7.7	7.7	7.7	3.9	-0.3	1.6	-2269.7	8.4	-289.1
1527	ok	0.15	0.6	4.86e-03	7.7	7.7	7.7	7.7	0.8	-0.5	2.6	-2321.3	13.7	-337.5
1528	ok	0.15	0.5	2.08e-03	7.7	7.7	7.7	7.7	-4.7	0.6	0.8	-2191.8	8.0	-292.3
1529	ok	0.15	0.5	4.89e-03	7.7	7.7	7.7	7.7	-11.4	0.5	2.4	-2241.9	13.5	-357.7
1530	ok	0.15	0.5	2.15e-03	7.7	7.7	7.7	7.7	-4.9	0.7	0.8	-2081.6	6.9	-314.4
1531	ok	0.15	0.5	4.93e-03	7.7	7.7	7.7	7.7	-11.3	0.4	1.1	-2128.2	11.7	-395.2
1532	ok	0.15	0.5	2.27e-03	7.7	7.7	7.7	7.7	-3.5	0.8	0.8	-1927.8	6.5	-335.0
1533	ok	0.15	0.5	4.98e-03	7.7	7.7	7.7	7.7	-11.3	0.5	1.3	-1969.9	11.0	-430.7
1534	ok	0.15	0.4	2.39e-03	7.7	7.7	7.7	7.7	-3.9	0.8	0.8	-1730.9	6.9	-353.6
1535	ok	0.15	0.5	5.04e-03	7.7	7.7	7.7	7.7	-8.6	0.6	1.4	-1766.5	12.3	-463.0
1536	ok	0.15	0.4	2.48e-03	7.7	7.7	7.7	7.7	-4.3	1.1	0.7	-1491.6	8.7	-369.3
1537	ok	0.15	0.4	5.13e-03	7.7	7.7	7.7	7.7	-8.5	0.9	1.6	-1516.7	17.1	-490.2
1538	ok	0.15	0.3	2.67e-03	7.7	7.7	7.7	7.7	-5.0	1.6	0.4	-1211.2	12.5	-380.1
1539	ok	0.15	0.3	5.26e-03	7.7	7.7	7.7	7.7	-8.3	1.3	1.9	-1217.9	29.2	-507.8

1540	ok	0.15	0.2	3.05e-03	7.7	7.7	7.7	7.7	-6.1	2.1	-0.3	-894.1	31.0	-381.1
1541	ok	0.15	0.3	5.55e-03	7.7	7.7	7.7	7.7	-8.3	2.3	2.8	-865.1	56.6	-506.7
1542	ok	0.15	0.2	3.97e-03	7.7	7.7	7.7	7.7	1.2	4.4	5.1	-554.5	59.5	-361.4
1543	ok	0.15	0.2	6.23e-03	7.7	7.7	7.7	7.7	17.9	5.8	8.0	-490.1	118.5	-419.7
1544	ok	0.15	0.1	6.10e-03	7.7	7.7	7.7	7.7	-1.8	1.9	1.6	-250.9	46.5	-322.7
1545	ok	0.15	0.2	9.26e-03	7.7	7.7	7.7	7.7	-12.3	29.0	17.2	291.0	465.1	-228.1
1546	ok	0.15	0.1	7.29e-03	7.7	7.7	7.7	7.7	-10.0	-14.1	-2.6	456.3	335.6	91.0
1646	ok	0.15	5.54e-03	8.25e-04	7.7	7.7	7.7	7.7	-0.4	-0.2	0.4	17.4	-20.6	-3.2
1647	ok	0.15	4.61e-03	5.66e-04	7.7	7.7	7.7	7.7	-0.5	-0.5	0.4	-1.2	-11.5	-9.7
1648	ok	0.15	8.02e-02	1.14e-03	7.7	7.7	7.7	7.7	-1.9	-0.2	0.3	-331.8	-10.3	-6.3
1649	ok	0.15	0.2	2.30e-04	7.7	7.7	7.7	7.7	1.9	-8.84e-02	-1.1	-903.3	-0.9	-64.7
1650	ok	0.15	0.4	2.06e-04	7.7	7.7	7.7	7.7	5.6	-0.4	-1.0	-1471.1	-1.3	-111.0
1651	ok	0.15	0.5	2.45e-04	7.7	7.7	7.7	7.7	6.5	-0.4	-0.6	-1901.6	-1.9	-142.3
1652	ok	0.15	0.5	3.58e-04	7.7	7.7	7.7	7.7	6.0	-0.4	0.9	-2159.1	-3.6	-163.8
1653	ok	0.15	0.6	5.09e-04	7.7	7.7	7.7	7.7	4.4	-0.3	0.1	-2252.9	-4.8	-173.5
1654	ok	0.15	0.5	1.04e-03	7.7	7.7	7.7	7.7	1.0	-0.3	1.3	-2159.8	-3.6	-162.4
1655	ok	0.15	0.5	1.74e-03	7.7	7.7	7.7	7.7	-1.1	-0.3	-0.9	-1909.2	-4.2	-159.9
1656	ok	0.15	0.4	2.63e-03	7.7	7.7	7.7	7.7	-3.8	-0.5	-1.4	-1496.3	-5.1	-150.3
1657	ok	0.15	0.2	3.63e-03	7.7	7.7	7.7	7.7	-8.8	-0.6	-1.6	-962.1	-6.5	-127.8
1658	ok	0.15	0.1	2.89e-03	7.7	7.7	7.7	7.7	-1.7	0.1	0.3	-423.3	-1.1	-90.8
1659	ok	0.15	3.04e-02	1.32e-03	7.7	7.7	7.7	7.7	-2.6	-0.9	1.0	-125.1	-17.9	9.3
1660	ok	0.15	0.1	5.05e-04	7.7	7.7	7.7	7.7	-0.8	-0.1	-0.8	-602.8	-3.1	-35.3
1661	ok	0.15	0.3	2.05e-04	7.7	7.7	7.7	7.7	4.2	-0.3	-1.1	-1199.8	-1.0	-89.5
1662	ok	0.15	0.4	2.08e-04	7.7	7.7	7.7	7.7	6.3	-0.4	-0.8	-1706.6	-1.3	-128.5
1663	ok	0.15	0.5	2.95e-04	7.7	7.7	7.7	7.7	6.3	-0.3	-0.8	-2054.0	-2.0	-152.8
1664	ok	0.15	0.5	3.67e-04	7.7	7.7	7.7	7.7	5.2	-0.4	8.65e-02	-2227.9	-4.5	-169.6
1665	ok	0.15	0.6	7.43e-04	7.7	7.7	7.7	7.7	3.4	-0.3	0.1	-2234.2	-5.2	-175.7
1666	ok	0.15	0.5	1.34e-03	7.7	7.7	7.7	7.7	-4.78e-02	-0.3	-0.7	-2055.8	-3.9	-161.9
1667	ok	0.15	0.4	2.14e-03	7.7	7.7	7.7	7.7	-2.4	-0.3	-1.1	-1721.6	-4.6	-156.2
1668	ok	0.15	0.3	3.18e-03	7.7	7.7	7.7	7.7	-5.4	-0.5	-1.6	-1239.4	-5.8	-141.3
1669	ok	0.15	0.2	3.68e-03	7.7	7.7	7.7	7.7	-9.0	-0.7	-1.3	-682.1	-7.0	-108.8
1670	ok	0.15	5.12e-02	1.51e-03	7.7	7.7	7.7	7.7	-0.5	0.3	0.2	-191.6	-13.3	-62.1

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	7.63	0.06	7.70	7.70	7.70	7.70	-148.14	-87.07	-10.43	-6219.75	-8305.01	-1.270e+04
								108.36	75.37	40.45	1.276e+04	2.117e+04	8797.62

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
48	ok	0.0						
50	ok	0.0						
1450	ok	0.0						
1451	ok	1.24						
1452	ok	0.77						
1453	ok	0.50						
1454	ok	0.28						
1455	ok	0.22						
1456	ok	0.45						
1457	ok	0.67						
1458	ok	0.95						
1459	ok	1.41						
1460	ok	0.0						
1461	ok	0.98						
1462	ok	0.64						
1463	ok	0.93						
1464	ok	0.89						
1465	ok	0.69						
1466	ok	0.53						
1467	ok	0.35						
1468	ok	0.17						
1469	ok	0.27						
1470	ok	0.45						
1471	ok	0.62						
1472	ok	0.70						
1473	ok	0.67						
1474	ok	0.0						
1475	ok	2.30						
1476	ok	0.94						
1477	ok	0.94						
1478	ok	0.78						
1479	ok	0.62						
1480	ok	0.44						
1481	ok	0.26						
1482	ok	0.17						
1483	ok	0.36						

1484	ok	0.54
1485	ok	0.69
1486	ok	0.70
1487	ok	0.62
1488	ok	1.40
1489	ok	0.0
1490	ok	0.0
1491	ok	1.98
1492	ok	1.13
1493	ok	0.80
1494	ok	0.56
1495	ok	0.33
1496	ok	0.18
1497	ok	0.38
1498	ok	0.63
1499	ok	0.97
1500	ok	1.86
1501	ok	0.0
1502	ok	2.24
1503	ok	0.0
1504	ok	1.94
1505	ok	3.76
1506	ok	1.58
1507	ok	1.87
1508	ok	1.19
1509	ok	1.24
1510	ok	0.92
1511	ok	0.96
1512	ok	0.73
1513	ok	0.77
1514	ok	0.59
1515	ok	0.63
1516	ok	0.48
1517	ok	0.50
1518	ok	0.37
1519	ok	0.39
1520	ok	0.27
1521	ok	0.28
1522	ok	0.17
1523	ok	0.18
1524	ok	0.09
1525	ok	0.21
1526	ok	0.17
1527	ok	0.32
1528	ok	0.27
1529	ok	0.44
1530	ok	0.36
1531	ok	0.55
1532	ok	0.46
1533	ok	0.67
1534	ok	0.57
1535	ok	0.81
1536	ok	0.68
1537	ok	0.95
1538	ok	0.82
1539	ok	1.14
1540	ok	0.99
1541	ok	1.42
1542	ok	1.21
1543	ok	1.98
1544	ok	1.38
1545	ok	3.65
1546	ok	1.45
1547	ok	0.0
1646	ok	0.37
1647	ok	0.29
1648	ok	0.66
1649	ok	0.74
1650	ok	0.69
1651	ok	0.54
1652	ok	0.35
1653	ok	0.17
1654	ok	0.19
1655	ok	0.36
1656	ok	0.51
1657	ok	0.56
1658	ok	0.52

1659	ok	0.51
1660	ok	0.73
1661	ok	0.74
1662	ok	0.62
1663	ok	0.45
1664	ok	0.26
1665	ok	0.10
1666	ok	0.27
1667	ok	0.44
1668	ok	0.55
1669	ok	0.56
1670	ok	0.44

Nodo	Max tau 3.76	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
------	-----------------	----------	-----------	---------	----------	------	-------

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
48	ok	0.34	0.15	1.46	0.0	0.0	0.0	0.0	0	0	0	25
50	ok	0.16	0.07	1.50	0.0	0.0	0.0	0.0	0	0	0	25

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
17	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1549	ok	0.15	0.3	2.71e-02	7.7	7.7	7.7	7.7	20.8	2.7	-3.7	-1132.7	24.0	106.1
1550	ok	0.15	0.5	1.84e-02	7.7	7.7	7.7	7.7	-1.7	1.3	0.6	-1929.2	41.9	44.5
1551	ok	0.15	0.6	1.56e-02	7.7	7.7	7.7	7.7	-6.2	1.4	0.3	-2403.9	34.8	5.0
1552	ok	0.15	0.6	1.40e-02	7.7	7.7	7.7	7.7	-10.6	0.8	-0.6	-2649.9	26.1	-56.5
1553	ok	0.15	0.6	1.35e-02	7.7	7.7	7.7	7.7	-14.6	0.7	-0.8	-2684.3	18.3	-139.8
1554	ok	0.15	0.6	1.31e-02	7.7	7.7	7.7	7.7	-17.9	0.4	-1.0	-2510.0	12.2	-216.9
1555	ok	0.15	0.5	1.31e-02	7.7	7.7	7.7	7.7	-14.3	0.8	-2.0	-2120.5	11.9	-255.5
1556	ok	0.15	0.4	1.45e-02	7.7	7.7	7.7	7.7	-12.3	0.8	-4.1	-1531.8	-19.9	-237.8
1557	ok	0.15	0.1	1.74e-02	7.7	7.7	7.7	7.7	-32.3	-6.52e-02	-5.1	-595.2	45.0	-165.3
1558	ok	0.15	0.3	3.99e-02	7.7	7.7	7.7	7.7	-55.2	-12.4	-14.9	1021.1	218.2	481.5
1559	ok	0.15	0.2	7.29e-03	7.7	7.7	7.7	7.7	5.6	-11.3	12.8	435.8	748.6	264.7
1560	ok	0.15	8.52e-02	3.41e-03	7.7	7.7	7.7	7.7	3.1	6.4	-0.8	-24.0	275.8	164.1
1561	ok	0.15	0.2	3.58e-03	7.7	7.7	7.7	7.7	1.2	-0.4	-3.1	-398.4	296.4	484.9
1562	ok	0.15	0.3	3.52e-03	7.7	7.7	7.7	7.7	1.81e-02	-1.9	-2.4	-1051.6	268.4	443.8
1563	ok	0.15	0.4	3.28e-03	7.7	7.7	7.7	7.7	-1.0	-1.5	-2.1	-1653.8	195.1	339.6
1564	ok	0.15	0.5	2.74e-03	7.7	7.7	7.7	7.7	-1.6	-6.23e-02	-1.9	-2084.3	144.6	165.4
1565	ok	0.15	0.6	2.28e-03	7.7	7.7	7.7	7.7	-2.0	5.46e-03	-1.3	-2330.0	119.5	76.3
1566	ok	0.15	0.6	2.48e-03	7.7	7.7	7.7	7.7	-2.3	0.2	-4.5	-2387.2	104.2	-18.4
1567	ok	0.15	0.5	2.78e-03	7.7	7.7	7.7	7.7	-2.6	0.3	-4.0	-2266.6	100.2	-102.8
1568	ok	0.15	0.5	3.11e-03	7.7	7.7	7.7	7.7	-3.0	0.5	-3.3	-1959.1	127.7	-164.8
1569	ok	0.15	0.4	3.63e-03	7.7	7.7	7.7	7.7	-3.1	-1.4	-3.8	-1469.7	188.4	-215.9
1570	ok	0.15	0.2	4.28e-03	7.7	7.7	7.7	7.7	-1.5	-5.9	-4.0	-817.1	304.1	-218.8
1571	ok	0.15	0.1	6.87e-03	7.7	7.7	7.7	7.7	4.8	-14.4	0.2	-20.5	475.9	-110.4
1572	ok	0.15	0.2	1.65e-02	7.7	7.7	7.7	7.7	7.0	33.0	-5.4	-602.3	618.6	464.3
1575	ok	0.15	0.2	3.96e-02	7.7	7.7	7.7	7.7	45.1	6.3	-5.2	-619.7	-24.5	50.8
1576	ok	0.15	0.4	2.14e-02	7.7	7.7	7.7	7.7	-25.7	1.2	0.9	-1589.3	47.3	50.2
1577	ok	0.15	0.5	1.67e-02	7.7	7.7	7.7	7.7	-4.3	1.4	0.5	-2197.4	38.7	27.9
1578	ok	0.15	0.6	1.47e-02	7.7	7.7	7.7	7.7	-8.4	1.4	0.8	-2553.9	30.2	-22.3
1579	ok	0.15	0.6	1.38e-02	7.7	7.7	7.7	7.7	-12.7	0.7	-0.7	-2693.1	22.0	-97.3
1580	ok	0.15	0.6	1.33e-02	7.7	7.7	7.7	7.7	-15.9	0.6	-0.9	-2623.3	15.0	-180.4
1581	ok	0.15	0.6	1.29e-02	7.7	7.7	7.7	7.7	-18.6	1.1	-3.7	-2366.0	-7.8	-217.2
1582	ok	0.15	0.4	1.37e-02	7.7	7.7	7.7	7.7	-14.7	0.9	-4.3	-1874.0	-15.7	-238.5
1583	ok	0.15	0.3	1.54e-02	7.7	7.7	7.7	7.7	-30.0	0.7	-4.3	-1112.0	29.8	-217.4
1584	ok	0.15	6.42e-02	2.25e-02	7.7	7.7	7.7	7.7	-45.4	-3.2	-8.1	190.4	73.8	-83.2
1588	ok	0.15	0.2	8.16e-03	7.7	7.7	7.7	7.7	7.8	-15.0	10.4	319.2	587.9	134.4
1589	ok	0.15	0.1	5.40e-03	7.7	7.7	7.7	7.7	0.4	-10.1	-2.9	-452.4	383.6	-181.5
1590	ok	0.15	0.3	3.98e-03	7.7	7.7	7.7	7.7	-2.6	-3.0	-4.0	-1161.2	240.5	-226.1
1591	ok	0.15	0.4	3.45e-03	7.7	7.7	7.7	7.7	-3.1	-0.2	-3.6	-1736.5	152.9	-194.1
1592	ok	0.15	0.5	2.93e-03	7.7	7.7	7.7	7.7	-3.3	0.2	-4.2	-2136.1	107.5	-142.6
1593	ok	0.15	0.6	2.54e-03	7.7	7.7	7.7	7.7	-2.5	0.2	-4.5	-2344.8	101.8	-64.3
1594	ok	0.15	0.6	2.48e-03	7.7	7.7	7.7	7.7	-2.1	0.1	-4.6	-2382.2	111.8	29.0
1595	ok	0.15	0.5	2.45e-03	7.7	7.7	7.7	7.7	-1.8	-9.67e-02	-1.6	-2230.5	130.0	121.9

1596	ok	0.15	0.5	3.04e-03	7.7	7.7	7.7	7.7	-1.3	-0.2	-1.4	-1864.5	167.4	285.2
1597	ok	0.15	0.4	3.00e-03	7.7	7.7	7.7	7.7	-0.5	-1.8	-2.2	-1371.9	230.9	395.6
1598	ok	0.15	0.2	4.65e-03	7.7	7.7	7.7	7.7	1.8	-1.9	-2.8	-710.2	296.6	481.5
1599	ok	0.15	0.1	1.60e-03	7.7	7.7	7.7	7.7	1.2	0.2	-4.3	-203.5	231.7	495.5
1600	ok	0.15	0.3	8.46e-03	7.7	7.7	7.7	7.7	-9.6	-3.1	-7.3	754.8	1069.4	88.1
1601	ok	0.15	0.3	8.31e-03	7.7	7.7	7.7	7.7	3.1	-4.3	-0.1	-321.7	716.9	577.6
1602	ok	0.15	0.2	6.66e-03	7.7	7.7	7.7	7.7	3.8	-2.1	-0.8	-716.7	573.8	527.1
1603	ok	0.15	0.3	6.34e-03	7.7	7.7	7.7	7.7	-5.1	-1.7	-1.2	-1111.5	422.9	477.0
1604	ok	0.15	0.4	6.76e-03	7.7	7.7	7.7	7.7	-6.2	-0.1	-1.4	-1458.1	314.2	422.2
1605	ok	0.15	0.4	6.65e-03	7.7	7.7	7.7	7.7	-7.2	-2.3	-1.2	-1751.3	244.1	355.3
1606	ok	0.15	0.5	6.44e-03	7.7	7.7	7.7	7.7	-7.8	0.3	-1.5	-1995.9	194.5	214.6
1607	ok	0.15	0.5	6.31e-03	7.7	7.7	7.7	7.7	-8.2	-0.1	-2.0	-2190.9	162.8	169.6
1608	ok	0.15	0.6	6.01e-03	7.7	7.7	7.7	7.7	-8.5	-5.53e-02	-2.0	-2336.0	138.5	126.6
1609	ok	0.15	0.6	5.63e-03	7.7	7.7	7.7	7.7	-8.7	2.55e-02	-1.7	-2432.4	123.5	78.4
1610	ok	0.15	0.6	5.22e-03	7.7	7.7	7.7	7.7	-8.8	0.1	-3.5	-2480.1	113.0	24.9
1611	ok	0.15	0.6	4.80e-03	7.7	7.7	7.7	7.7	-9.1	0.2	-3.6	-2479.2	106.2	-30.6
1612	ok	0.15	0.6	4.58e-03	7.7	7.7	7.7	7.7	-9.6	0.2	-3.6	-2429.7	102.5	-85.0
1613	ok	0.15	0.6	5.06e-03	7.7	7.7	7.7	7.7	-9.6	0.4	-3.0	-2344.6	103.1	-129.5
1614	ok	0.15	0.5	5.47e-03	7.7	7.7	7.7	7.7	-10.8	0.4	-3.1	-2204.4	113.7	-176.1
1615	ok	0.15	0.5	6.00e-03	7.7	7.7	7.7	7.7	-10.9	0.7	-2.7	-2015.0	138.4	-200.8
1616	ok	0.15	0.4	6.57e-03	7.7	7.7	7.7	7.7	-11.5	0.4	-2.9	-1776.4	171.8	-232.0
1617	ok	0.15	0.4	7.28e-03	7.7	7.7	7.7	7.7	-12.1	-0.3	-3.5	-1487.7	222.3	-252.5
1618	ok	0.15	0.3	7.91e-03	7.7	7.7	7.7	7.7	-12.5	-1.6	-4.3	-1147.4	301.7	-257.8
1619	ok	0.15	0.2	8.56e-03	7.7	7.7	7.7	7.7	-12.1	-4.7	-5.7	-754.9	412.4	-242.7
1620	ok	0.15	0.1	9.71e-03	7.7	7.7	7.7	7.7	-10.0	-11.5	-7.3	-316.9	570.0	-196.6
1621	ok	0.15	0.2	1.07e-02	7.7	7.7	7.7	7.7	1.5	-26.2	-3.1	328.0	843.6	-59.6
1625	ok	0.15	0.2	1.74e-02	7.7	7.7	7.7	7.7	-12.6	-3.3	2.3	-682.1	661.0	166.1
1626	ok	0.15	0.3	1.53e-02	7.7	7.7	7.7	7.7	7.8	-0.7	-5.0	-1118.9	371.5	344.7
1627	ok	0.15	0.4	1.42e-02	7.7	7.7	7.7	7.7	-15.0	-0.3	-2.1	-1541.3	270.4	331.3
1628	ok	0.15	0.5	1.30e-02	7.7	7.7	7.7	7.7	-16.5	-0.1	-2.1	-1865.2	211.1	321.3
1629	ok	0.15	0.5	1.20e-02	7.7	7.7	7.7	7.7	-2.4	-1.52e-02	-2.2	-2123.8	175.0	289.9
1630	ok	0.15	0.6	1.11e-02	7.7	7.7	7.7	7.7	-4.0	-3.17e-02	-2.3	-2325.4	149.7	245.1
1631	ok	0.15	0.6	1.04e-02	7.7	7.7	7.7	7.7	-5.8	2.51e-02	-1.7	-2472.2	131.0	191.6
1632	ok	0.15	0.6	9.75e-03	7.7	7.7	7.7	7.7	-7.6	7.26e-02	-2.6	-2566.6	115.8	128.9
1633	ok	0.15	0.6	9.14e-03	7.7	7.7	7.7	7.7	-9.3	5.36e-02	-2.4	-2609.7	104.4	59.1
1634	ok	0.15	0.6	8.66e-03	7.7	7.7	7.7	7.7	-10.4	0.3	-3.3	-2589.6	82.8	-47.8
1635	ok	0.15	0.6	8.26e-03	7.7	7.7	7.7	7.7	-10.9	0.4	-3.2	-2540.4	79.1	-101.1
1636	ok	0.15	0.6	8.23e-03	7.7	7.7	7.7	7.7	-11.8	0.3	-3.4	-2440.0	81.2	-156.1
1637	ok	0.15	0.5	8.59e-03	7.7	7.7	7.7	7.7	-12.8	0.2	-3.7	-2288.4	89.0	-205.2
1638	ok	0.15	0.5	9.17e-03	7.7	7.7	7.7	7.7	-11.1	0.6	-3.5	-2084.4	108.8	-229.1
1639	ok	0.15	0.4	1.01e-02	7.7	7.7	7.7	7.7	-20.0	0.3	-3.9	-1826.2	135.9	-256.3
1640	ok	0.15	0.4	1.11e-02	7.7	7.7	7.7	7.7	-21.1	-0.2	-4.7	-1510.4	179.8	-266.7
1641	ok	0.15	0.3	1.26e-02	7.7	7.7	7.7	7.7	-22.7	-0.7	-6.1	-1131.1	255.6	-252.6
1642	ok	0.15	0.2	1.47e-02	7.7	7.7	7.7	7.7	-24.9	-5.1	-8.6	-679.7	373.7	-203.5
1643	ok	0.15	0.1	1.76e-02	7.7	7.7	7.7	7.7	-27.1	-11.1	-13.1	-148.3	576.9	-101.6
1644	ok	0.15	0.3	2.22e-02	7.7	7.7	7.7	7.7	-15.4	-23.2	-18.4	833.0	1076.9	550.9
1683	ok	0.15	2.07e-02	3.63e-04	7.7	7.7	7.7	7.7	-0.5	0.4	-0.3	-61.2	10.3	21.6
1684	ok	0.15	7.21e-03	3.41e-04	7.7	7.7	7.7	7.7	0.3	0.3	-2.60e-02	26.1	11.9	-8.1
1685	ok	0.15	0.1	1.36e-03	7.7	7.7	7.7	7.7	-2.4	-0.5	0.8	-442.8	6.4	67.3
1686	ok	0.15	0.2	1.30e-03	7.7	7.7	7.7	7.7	-1.8	-0.2	0.6	-960.4	17.6	69.1
1687	ok	0.15	0.4	3.47e-04	7.7	7.7	7.7	7.7	1.7	3.61e-02	1.3	-1440.9	16.4	46.4
1688	ok	0.15	0.5	3.32e-04	7.7	7.7	7.7	7.7	3.8	-0.3	1.6	-1872.4	13.5	-20.1
1689	ok	0.15	0.5	2.72e-04	7.7	7.7	7.7	7.7	6.9	-0.2	-0.7	-2134.8	12.4	-51.5
1690	ok	0.15	0.5	3.01e-04	7.7	7.7	7.7	7.7	9.9	-0.2	-0.7	-2224.4	10.2	-76.4
1691	ok	0.15	0.5	1.83e-04	7.7	7.7	7.7	7.7	11.7	-0.4	-1.22e-02	-2140.6	1.2	-92.9
1692	ok	0.15	0.5	1.75e-04	7.7	7.7	7.7	7.7	15.9	-0.3	0.1	-1878.1	-0.7	-87.1
1693	ok	0.15	0.4	1.78e-04	7.7	7.7	7.7	7.7	15.1	-0.2	-0.1	-1470.1	-5.0	-76.4
1694	ok	0.15	0.2	1.66e-04	7.7	7.7	7.7	7.7	19.6	-9.64e-02	1.6	-929.9	2.2	-11.4
1695	ok	0.15	0.1	2.40e-04	7.7	7.7	7.7	7.7	24.1	-0.3	0.5	-434.5	-11.4	-18.1
1696	ok	0.15	4.16e-02	1.10e-03	7.7	7.7	7.7	7.7	-0.8	-1.8	0.8	8.5	-136.2	80.7
1697	ok	0.15	4.52e-02	1.80e-03	7.7	7.7	7.7	7.7	-0.6	-1.5	0.9	5.7	-105.0	125.9
1710	ok	0.15	0.1	4.64e-03	7.7	7.7	7.7	7.7	7.1	-4.3	9.8	172.9	363.2	144.2
1711	ok	0.15	4.70e-02	2.60e-03	7.7	7.7	7.7	7.7	10.3	-1.2	7.3	51.1	109.7	104.2
1712	ok	0.15	5.57e-02	2.84e-04	7.7	7.7	7.7	7.7	4.2	0.7	-0.9	-204.4	13.7	57.0
1713	ok	0.15	0.2	1.60e-04	7.7	7.7	7.7	7.7	26.7	-9.03e-02	0.3	-665.7	-7.4	-33.7
1714	ok	0.15	0.3	1.82e-04	7.7	7.7	7.7	7.7	14.0	-0.2	-0.2	-1219.4	-7.1	-65.2
1715	ok	0.15	0.4	1.75e-04	7.7	7.7	7.7	7.7	15.0	-0.3	-3.54e-03	-1693.9	-2.8	-83.6
1716	ok	0.15	0.5	1.79e-04	7.7	7.7	7.7	7.7	13.0	-0.4	-0.2	-2033.2	-0.1	-96.1
1717	ok	0.15	0.5	1.85e-04	7.7	7.7	7.7	7.7	11.4	-0.2	-0.7	-2201.6	9.3	-85.2
1718	ok	0.15	0.5	2.83e-04	7.7	7.7	7.7	7.7	8.4	-0.3	-0.7	-2202.0	11.0	-65.0
1719	ok	0.15	0.5	2.63e-04	7.7	7.7	7.7	7.7	5.4	-0.3	-0.7	-2024.1	12.8	-36.4
1720	ok	0.15	0.4	3.06e-04	7.7	7.7	7.7	7.7	2.3	-0.2	1.3	-1683.4	13.9	-3.5
1721	ok	0.15	0.3	7.98e-04	7.7	7.7	7.7	7.7	-0.7	-0.2	0.8	-1218.5	16.3	61.6
1722	ok	0.15	0.2	1.50e-03	7.7	7.7	7.7	7.7	-2.4	-0.3	0.7	-699.0	18.6	74.0
1723	ok	0.15	4.98e-02	9.40e-04	7.7	7.7	7.7	7.7	-1.6	-0.7	0.7	-194.0	-7.64e-02	49.3
1724	ok	0.15	9.15e-02	1.00e-03	7.7	7.7	7.7	7.7	0.4	0.7	-0.9	-168.6	-89.3	243.3
1725	ok	0.15	0.1	7.91e-04	7.7	7.7	7.7	7.7	-0.9	4.35e-02	-1.1	-453.1	-32.2	257.9

1726	ok	0.15	0.2	1.40e-03	7.7	7.7	7.7	7.7	-0.6	-9.17e-02	-2.0	-723.7	10.9	280.1
1727	ok	0.15	0.3	1.53e-03	7.7	7.7	7.7	7.7	-4.70e-02	-0.4	-2.5	-999.6	32.8	287.0
1728	ok	0.15	0.3	1.27e-03	7.7	7.7	7.7	7.7	0.7	-0.6	-2.4	-1269.1	47.7	274.6
1729	ok	0.15	0.4	1.12e-03	7.7	7.7	7.7	7.7	1.5	-0.6	-2.0	-1520.5	56.5	255.7
1730	ok	0.15	0.4	9.79e-04	7.7	7.7	7.7	7.7	2.3	-0.6	-1.5	-1744.0	60.8	189.3
1731	ok	0.15	0.5	8.82e-04	7.7	7.7	7.7	7.7	3.1	0.2	-1.0	-1932.6	61.5	158.7
1732	ok	0.15	0.5	7.57e-04	7.7	7.7	7.7	7.7	3.9	0.2	-3.0	-2081.4	60.8	126.7
1733	ok	0.15	0.5	6.77e-04	7.7	7.7	7.7	7.7	4.7	0.2	-2.7	-2187.4	59.0	94.7
1734	ok	0.15	0.6	6.96e-04	7.7	7.7	7.7	7.7	5.5	0.2	-2.4	-2248.9	56.1	63.6
1735	ok	0.15	0.6	6.19e-04	7.7	7.7	7.7	7.7	5.8	7.66e-02	2.28e-02	-2262.7	53.0	38.3
1736	ok	0.15	0.5	5.62e-04	7.7	7.7	7.7	7.7	7.3	-0.3	-3.0	-2231.0	53.5	-31.1
1737	ok	0.15	0.5	5.20e-04	7.7	7.7	7.7	7.7	7.4	-0.4	-2.5	-2164.1	49.5	-52.5
1738	ok	0.15	0.5	4.96e-04	7.7	7.7	7.7	7.7	8.1	-0.4	-2.7	-2049.4	47.2	-73.0
1739	ok	0.15	0.5	5.36e-04	7.7	7.7	7.7	7.7	10.4	-2.55e-02	-2.0	-1874.6	50.0	-79.9
1740	ok	0.15	0.4	6.02e-04	7.7	7.7	7.7	7.7	10.2	-0.4	-2.0	-1693.7	34.3	-91.1
1741	ok	0.15	0.4	6.84e-04	7.7	7.7	7.7	7.7	9.4	-0.6	-0.3	-1462.1	34.1	-66.6
1742	ok	0.15	0.3	8.16e-04	7.7	7.7	7.7	7.7	8.6	-0.9	-0.7	-1175.5	57.5	-95.6
1743	ok	0.15	0.2	9.84e-04	7.7	7.7	7.7	7.7	16.5	-1.6	0.5	-898.3	61.4	-84.4
1744	ok	0.15	0.2	1.22e-03	7.7	7.7	7.7	7.7	15.7	-2.3	2.5	-622.0	66.3	-69.9
1745	ok	0.15	9.67e-02	1.51e-03	7.7	7.7	7.7	7.7	14.0	-2.7	3.6	-367.0	74.7	-34.9
1746	ok	0.15	4.52e-02	2.47e-03	7.7	7.7	7.7	7.7	3.0	1.3	3.1	-156.5	44.0	82.8
1747	ok	0.15	0.1	1.11e-03	7.7	7.7	7.7	7.7	0.5	5.2	-2.9	-126.9	-92.5	361.4
1748	ok	0.15	0.2	1.86e-03	7.7	7.7	7.7	7.7	-0.8	-8.64e-02	-1.5	-429.1	54.8	367.9
1749	ok	0.15	0.2	2.96e-03	7.7	7.7	7.7	7.7	-0.2	-0.7	-2.4	-713.9	96.4	370.9
1750	ok	0.15	0.3	2.96e-03	7.7	7.7	7.7	7.7	0.6	-1.3	-2.5	-1014.2	116.8	359.9
1751	ok	0.15	0.3	2.15e-03	7.7	7.7	7.7	7.7	1.0	-1.4	-2.3	-1305.9	121.6	326.0
1752	ok	0.15	0.4	1.98e-03	7.7	7.7	7.7	7.7	1.2	-1.0	-2.0	-1572.6	117.5	288.3
1753	ok	0.15	0.4	2.11e-03	7.7	7.7	7.7	7.7	1.2	-1.2	-2.4	-1804.0	104.4	244.8
1754	ok	0.15	0.5	2.04e-03	7.7	7.7	7.7	7.7	1.3	-0.1	-1.5	-1995.4	104.3	148.5
1755	ok	0.15	0.5	1.89e-03	7.7	7.7	7.7	7.7	1.4	-0.1	-1.3	-2143.3	99.9	109.5
1756	ok	0.15	0.5	1.68e-03	7.7	7.7	7.7	7.7	1.6	-1.57e-02	-0.7	-2246.3	95.9	70.0
1757	ok	0.15	0.6	1.60e-03	7.7	7.7	7.7	7.7	1.8	9.03e-02	-4.5	-2303.3	92.1	30.3
1758	ok	0.15	0.6	1.38e-03	7.7	7.7	7.7	7.7	2.1	0.1	-4.4	-2314.0	86.8	-8.3
1759	ok	0.15	0.6	1.33e-03	7.7	7.7	7.7	7.7	2.5	0.2	-4.3	-2278.1	84.2	-45.0
1760	ok	0.15	0.5	1.36e-03	7.7	7.7	7.7	7.7	2.4	0.2	-3.9	-2205.7	80.2	-76.0
1761	ok	0.15	0.5	1.34e-03	7.7	7.7	7.7	7.7	2.7	-5.21e-02	-4.1	-2083.6	81.0	-107.3
1762	ok	0.15	0.5	1.32e-03	7.7	7.7	7.7	7.7	4.1	0.3	-3.2	-1897.2	91.8	-125.1
1763	ok	0.15	0.4	1.49e-03	7.7	7.7	7.7	7.7	4.0	-0.5	-3.1	-1707.5	103.4	-145.4
1764	ok	0.15	0.4	1.66e-03	7.7	7.7	7.7	7.7	4.3	-1.3	-3.1	-1459.3	119.8	-161.1
1765	ok	0.15	0.3	1.95e-03	7.7	7.7	7.7	7.7	4.7	-2.5	-2.7	-1177.9	140.1	-167.2
1766	ok	0.15	0.2	2.40e-03	7.7	7.7	7.7	7.7	4.9	-4.3	-1.7	-873.9	164.5	-158.7
1767	ok	0.15	0.1	3.04e-03	7.7	7.7	7.7	7.7	4.7	-6.2	0.2	-564.3	193.1	-130.0
1768	ok	0.15	7.16e-02	3.93e-03	7.7	7.7	7.7	7.7	9.1	-7.6	3.1	-276.1	228.0	-85.4
1769	ok	0.15	7.04e-02	5.07e-03	7.7	7.7	7.7	7.7	8.2	-8.5	9.5	45.1	258.6	71.1
1797	ok	0.15	0.1	3.78e-03	7.7	7.7	7.7	7.7	5.2	3.0	10.8	207.7	461.4	203.4
1798	ok	0.15	0.2	1.84e-03	7.7	7.7	7.7	7.7	1.3	12.6	6.7	104.3	585.7	250.9
1806	ok	0.15	0.4	1.66e-03	7.7	7.7	7.7	7.7	2.5	47.1	-1.2	5.3	1306.7	162.3
1807	ok	0.15	0.3	5.92e-03	7.7	7.7	7.7	7.7	5.2	3.1	12.6	438.1	931.2	391.1
1811	ok	0.15	0.7	1.84e-03	7.7	7.7	7.7	7.7	2.3	65.0	-3.8	-1.5	2352.7	287.4
1812	ok	0.15	0.4	2.95e-03	7.7	7.7	7.7	7.7	0.9	22.6	8.6	197.3	1193.6	492.6
1815	ok	0.15	0.5	9.52e-03	7.7	7.7	7.7	7.7	2.5	-0.2	6.6	899.3	1826.0	729.5
1816	ok	0.15	0.7	4.41e-03	7.7	7.7	7.7	7.7	3.1	34.3	6.7	412.2	2169.5	817.9
1822	ok	0.15	7.91e-03	7.64e-04	7.7	7.7	7.7	7.7	0.4	0.5	0.3	9.4	4.4	3.5
1823	ok	0.15	3.03e-02	1.09e-03	7.7	7.7	7.7	7.7	8.7	0.7	2.1	85.0	11.3	65.4
1826	ok	0.15	0.2	1.41e-03	7.7	7.7	7.7	7.7	2.0	22.4	0.6	5.3	648.8	82.7
1827	ok	0.15	6.25e-02	1.41e-03	7.7	7.7	7.7	7.7	1.0	6.2	1.0	6.8	248.8	38.9
1828	ok	0.15	2.50e-02	1.27e-03	7.7	7.7	7.7	7.7	2.8	0.9	1.4	79.3	7.9	46.9
1831	ok	0.15	6.30e-02	2.05e-03	7.7	7.7	7.7	7.7	6.9	1.2	7.3	103.7	158.7	120.5
1832	ok	0.15	7.06e-02	1.06e-03	7.7	7.7	7.7	7.7	3.4	6.0	5.9	76.9	210.9	116.1

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+Af	sec-Af	sec+	N x	N y	N xy	M x	M y	M xy
	0.15	9.31	0.10	7.70	7.70	7.70	7.70	-165.33 45.07	-88.39 111.44	-40.91 39.83	-7073.01 1.490e+04	-9398.65 2.401e+04	-1.519e+04 8519.93

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
52	ok	0.0						
54	ok	0.0						
1548	ok	0.0						
1549	ok	1.93						
1550	ok	1.25						
1551	ok	0.86						
1552	ok	0.49						
1553	ok	0.27						
1554	ok	0.53						

1555	ok	0.90							
1556	ok	1.37							
1557	ok	2.10							
1558	ok	0.0							
1559	ok	1.69							
1560	ok	1.84							
1561	ok	1.17							
1562	ok	0.96							
1563	ok	0.71							
1564	ok	0.48							
1565	ok	0.28							
1566	ok	0.16							
1567	ok	0.33							
1568	ok	0.54							
1569	ok	0.81							
1570	ok	1.12							
1571	ok	1.49							
1572	ok	3.26							
1573	ok	0.0							
1574	ok	0.0							
1575	ok	2.74							
1576	ok	1.52							
1577	ok	1.06							
1578	ok	0.68							
1579	ok	0.36							
1580	ok	0.37							
1581	ok	0.71							
1582	ok	1.10							
1583	ok	1.67							
1584	ok	2.84							
1585	ok	0.0							
1586	ok	0.0							
1587	ok	3.21							
1588	ok	1.68							
1589	ok	1.30							
1590	ok	0.95							
1591	ok	0.67							
1592	ok	0.43							
1593	ok	0.24							
1594	ok	0.19							
1595	ok	0.38							
1596	ok	0.59							
1597	ok	0.84							
1598	ok	1.09							
1599	ok	1.76							
1600	ok	3.20							
1601	ok	2.48							
1602	ok	1.80							
1603	ok	1.32							
1604	ok	1.02							
1605	ok	0.82							
1606	ok	0.65							
1607	ok	0.52							
1608	ok	0.41							
1609	ok	0.31							
1610	ok	0.23							
1611	ok	0.22							
1612	ok	0.28							
1613	ok	0.37							
1614	ok	0.47							
1615	ok	0.59							
1616	ok	0.73							
1617	ok	0.90							
1618	ok	1.12							
1619	ok	1.42							
1620	ok	1.88							
1621	ok	2.53							
1622	ok	3.28							
1623	ok	0.0							
1624	ok Av	5.14	0.24	0.02	7.0	0.6	85.0	7.3	
1625	ok	2.73							
1626	ok	1.96							
1627	ok	1.53							
1628	ok	1.24							
1629	ok	1.03							
1630	ok	0.84							
1631	ok	0.68							

1632	ok	0.50
1633	ok	0.37
1634	ok	0.28
1635	ok	0.37
1636	ok	0.53
1637	ok	0.71
1638	ok	0.91
1639	ok	1.12
1640	ok	1.36
1641	ok	1.66
1642	ok	2.08
1643	ok	2.81
1644	ok	4.29
1645	ok	0.0
1683	ok	0.45
1684	ok	0.28
1685	ok	0.47
1686	ok	0.48
1687	ok	0.45
1688	ok	0.35
1689	ok	0.21
1690	ok	0.17
1691	ok	0.35
1692	ok	0.51
1693	ok	0.63
1694	ok	0.68
1695	ok	0.63
1696	ok	0.59
1697	ok	1.14
1710	ok	1.09
1711	ok	0.63
1712	ok	0.55
1713	ok	0.67
1714	ok	0.68
1715	ok	0.57
1716	ok	0.43
1717	ok	0.26
1718	ok	0.13
1719	ok	0.28
1720	ok	0.41
1721	ok	0.48
1722	ok	0.48
1723	ok	0.43
1724	ok	0.59
1725	ok	0.56
1726	ok	0.60
1727	ok	0.60
1728	ok	0.60
1729	ok	0.56
1730	ok	0.50
1731	ok	0.42
1732	ok	0.33
1733	ok	0.24
1734	ok	0.14
1735	ok	0.18
1736	ok	0.27
1737	ok	0.35
1738	ok	0.43
1739	ok	0.51
1740	ok	0.58
1741	ok	0.63
1742	ok	0.66
1743	ok	0.70
1744	ok	0.71
1745	ok	0.71
1746	ok	0.67
1747	ok	1.12
1748	ok	0.71
1749	ok	0.73
1750	ok	0.73
1751	ok	0.67
1752	ok	0.60
1753	ok	0.52
1754	ok	0.44
1755	ok	0.35
1756	ok	0.26
1757	ok	0.16

1758	ok	0.11
1759	ok	0.19
1760	ok	0.28
1761	ok	0.38
1762	ok	0.48
1763	ok	0.58
1764	ok	0.68
1765	ok	0.77
1766	ok	0.86
1767	ok	0.92
1768	ok	0.98
1769	ok	1.02
1797	ok	1.06
1798	ok	1.03
1804	ok	1.78
1805	ok	0.0
1806	ok	0.94
1807	ok	1.68
1809	ok	0.0
1810	ok	1.73
1811	ok	0.93
1812	ok	1.61
1815	ok	2.89
1816	ok	2.10
1818	ok	0.0
1819	ok	2.97
1822	ok	0.24
1823	ok	0.32
1826	ok	0.66
1827	ok	0.43
1828	ok	0.26
1831	ok	0.62
1832	ok	0.59

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	5.14	0.24	0.02	6.98	0.60	84.98	7.25

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot	Asw,min	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
52	ok	0.40	0.18	1.24	0.0	0.0	0.0	0.0	0	0	0	5
54	ok	0.33	0.15	1.37	0.0	0.0	0.0	0.0	0	0	0	27

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
18	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
58	ok	0.15	0.4	2.00e-02	7.7	7.7	7.7	7.7	-15.9	-0.8	19.3	881.1	1540.0	-305.7
60	ok	0.15	0.3	1.86e-02	7.7	7.7	7.7	7.7	-33.2	8.5	-18.2	1158.0	324.4	-16.1
1770	ok	0.15	0.2	1.61e-02	7.7	7.7	7.7	7.7	-21.8	-4.1	20.5	506.1	585.4	-203.0
1771	ok	0.15	3.23e-02	1.72e-02	7.7	7.7	7.7	7.7	21.2	20.9	-15.8	102.4	-78.3	20.2
1772	ok	0.15	0.1	2.03e-02	7.7	7.7	7.7	7.7	29.6	8.1	-21.8	-89.2	-404.5	163.1
1773	ok	0.15	0.2	2.11e-02	7.7	7.7	7.7	7.7	-1.1	-2.3	1.1	-220.3	-567.9	286.0
1774	ok	0.15	0.2	2.16e-02	7.7	7.7	7.7	7.7	-10.3	-45.0	8.8	-279.9	-674.4	367.5
1775	ok	0.15	0.2	2.19e-02	7.7	7.7	7.7	7.7	-5.2	-46.8	5.9	-281.1	-676.0	387.5
1776	ok	0.15	0.2	2.10e-02	7.7	7.7	7.7	7.7	0.4	-45.6	2.7	-236.1	-590.3	360.7
1777	ok	0.15	0.1	1.95e-02	7.7	7.7	7.7	7.7	4.6	-42.6	-1.2	-137.5	-426.8	304.4
1778	ok	0.15	9.28e-02	1.75e-02	7.7	7.7	7.7	7.7	-16.2	38.4	1.8	304.5	173.1	119.0
1780	ok	0.15	0.1	1.31e-02	7.7	7.7	7.7	7.7	-26.2	23.1	3.4	-169.3	-285.1	192.0
1781	ok	0.15	0.1	2.14e-02	7.7	7.7	7.7	7.7	-17.0	12.2	-6.5	-279.1	-317.0	225.6
1782	ok	0.15	0.1	1.74e-02	7.7	7.7	7.7	7.7	-3.5	16.8	9.1	-256.6	-219.4	230.7
1783	ok	0.15	7.70e-02	1.94e-02	7.7	7.7	7.7	7.7	-8.5	7.4	17.0	-198.5	-30.4	197.2
1784	ok	0.15	8.17e-02	2.05e-02	7.7	7.7	7.7	7.7	-15.7	-4.7	24.9	-83.0	292.7	126.7
1785	ok	0.15	0.2	2.10e-02	7.7	7.7	7.7	7.7	-2.4	-16.6	0.8	272.4	770.6	1.1
1786	ok	0.15	0.1	2.53e-02	7.7	7.7	7.7	7.7	-17.3	-39.2	25.7	-31.1	476.9	-111.1
1787	ok	0.15	8.70e-02	1.55e-02	7.7	7.7	7.7	7.7	18.0	26.9	-12.4	-134.0	-216.3	155.4
1788	ok	0.15	0.2	1.68e-02	7.7	7.7	7.7	7.7	-14.7	-9.6	16.8	72.7	634.9	-273.1
1789	ok	0.15	0.2	1.15e-02	7.7	7.7	7.7	7.7	-11.0	-13.2	12.4	65.5	515.1	-242.8
1790	ok	0.15	4.67e-02	8.60e-03	7.7	7.7	7.7	7.7	-10.4	13.3	5.0	6.1	170.7	-54.3

1791	ok	0.15	8.35e-02	1.75e-02	7.7	7.7	7.7	7.7	1.7	3.9	-0.1	-64.3	-235.9	157.2
1792	ok	0.15	0.2	2.41e-02	7.7	7.7	7.7	7.7	21.2	40.3	-27.1	-192.0	-432.1	302.5
1793	ok	0.15	0.2	2.75e-02	7.7	7.7	7.7	7.7	25.7	41.9	-31.5	-238.0	-608.4	384.8
1794	ok	0.15	0.2	2.95e-02	7.7	7.7	7.7	7.7	27.3	38.8	-32.7	-246.0	-655.7	404.4
1795	ok	0.15	0.2	2.89e-02	7.7	7.7	7.7	7.7	25.4	29.7	-30.2	-222.5	-602.2	366.0
1796	ok	0.15	0.2	2.43e-02	7.7	7.7	7.7	7.7	15.5	49.4	-18.2	-178.9	-441.1	283.4
1799	ok	0.15	0.2	0.1	7.7	7.7	7.7	7.7	182.1	152.4	-81.8	-429.0	-335.0	110.3
1800	ok	0.15	0.2	9.49e-02	7.7	7.7	7.7	7.7	79.9	142.0	-98.0	38.0	-428.1	182.0
1801	ok	0.15	0.1	7.07e-02	7.7	7.7	7.7	7.7	-14.3	-54.6	14.6	-112.9	-189.7	208.9
1802	ok	0.15	5.57e-02	5.40e-02	7.7	7.7	7.7	7.7	-27.9	-96.7	42.7	-103.0	7.8	144.7
1803	ok	0.15	6.65e-02	3.74e-02	7.7	7.7	7.7	7.7	-23.8	-68.7	38.9	-76.1	272.8	31.5
1834	ok	0.15	2.35e-02	7.65e-03	7.7	7.7	7.7	7.7	-14.6	-11.0	3.4	41.7	73.8	-38.9
1835	ok	0.15	8.67e-02	2.43e-02	7.7	7.7	7.7	7.7	40.4	42.6	17.7	-56.5	158.8	245.9
1836	ok	0.15	2.79e-02	1.28e-02	7.7	7.7	7.7	7.7	29.3	-3.4	1.5	-69.0	40.1	79.5
1837	ok	0.15	9.27e-02	4.47e-02	7.7	7.7	7.7	7.7	66.9	44.7	-24.3	-32.8	-309.3	97.3
1838	ok	0.15	0.1	3.53e-02	7.7	7.7	7.7	7.7	75.4	47.7	-30.1	-5.6	-351.9	109.6
1839	ok	0.15	0.2	2.08e-02	7.7	7.7	7.7	7.7	-12.1	0.9	14.3	124.9	871.8	-279.8
1840	ok	0.15	0.1	1.06e-02	7.7	7.7	7.7	7.7	2.7	7.4	-3.7	-171.0	-387.4	301.7
1841	ok	0.15	0.2	1.08e-02	7.7	7.7	7.7	7.7	6.1	-9.3	-13.4	-253.7	-633.3	379.7
1842	ok	0.15	0.2	1.06e-02	7.7	7.7	7.7	7.7	15.5	-9.3	-11.7	-234.5	-579.7	373.1
1843	ok	0.15	4.37e-02	1.30e-02	7.7	7.7	7.7	7.7	-1.3	0.3	-1.78e-02	154.9	45.2	-52.8
1844	ok	0.15	0.2	1.09e-02	7.7	7.7	7.7	7.7	2.0	0.4	-0.3	-177.8	-514.0	291.4
1845	ok	0.15	0.2	9.45e-03	7.7	7.7	7.7	7.7	11.9	-4.5	-9.8	-262.7	-656.4	399.8
1846	ok	0.15	9.96e-02	1.06e-02	7.7	7.7	7.7	7.7	20.4	-16.0	-14.3	-33.5	-343.5	157.4
1847	ok	0.15	0.2	1.04e-02	7.7	7.7	7.7	7.7	-7.52e-02	-1.6	-0.4	416.8	464.5	-294.0
1848	ok	0.15	0.2	2.51e-02	7.7	7.7	7.7	7.7	-17.4	-22.2	25.3	-62.9	727.5	-46.8
1849	ok	0.15	8.94e-02	2.84e-02	7.7	7.7	7.7	7.7	-29.0	-39.3	37.5	-115.5	332.8	134.4
1850	ok	0.15	7.07e-02	3.43e-02	7.7	7.7	7.7	7.7	-21.5	-36.4	42.1	-168.3	38.6	215.6
1851	ok	0.15	0.1	3.98e-02	7.7	7.7	7.7	7.7	-17.5	-8.4	12.9	-178.7	-188.2	242.8
1852	ok	0.15	7.47e-02	1.28e-02	7.7	7.7	7.7	7.7	10.8	8.4	-3.8	-92.9	-91.2	208.7
1853	ok	0.15	0.1	5.20e-02	7.7	7.7	7.7	7.7	-14.0	101.1	-37.7	-141.9	-389.1	179.7

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
								-33.19	-96.74	-97.95	-428.99	-676.02	-305.74
	0.15	0.39	0.13	7.70	7.70	7.70	7.70	182.15	152.43	42.72	1157.96	1540.00	404.37

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
58	ok	0.0						
60	ok	0.0						
1770	ok	0.0						
1771	ok	0.93						
1772	ok	0.65						
1773	ok	0.43						
1774	ok	0.23						
1775	ok	0.21						
1776	ok	0.39						
1777	ok	0.66						
1778	ok	0.0						
1780	ok	0.35						
1781	ok	0.35						
1782	ok	0.37						
1783	ok	0.56						
1784	ok	0.83						
1785	ok	0.0						
1786	ok	0.58						
1787	ok	0.37						
1788	ok	0.47						
1789	ok	0.62						
1790	ok	0.62						
1791	ok	0.60						
1792	ok	0.44						
1793	ok	0.27						
1794	ok	0.19						
1795	ok	0.33						
1796	ok	0.37						
1799	ok	0.44						
1800	ok	0.44						
1801	ok	0.41						
1802	ok	0.55						
1803	ok	0.58						
1834	ok	0.32						
1835	ok	0.0						
1836	ok	0.77						
1837	ok	0.77						

1838	ok	0.68
1839	ok	0.0
1840	ok	0.66
1841	ok	0.27
1842	ok	0.39
1843	ok	0.93
1844	ok	0.44
1845	ok	0.21
1846	ok	0.65
1847	ok	1.39
1848	ok	1.27
1849	ok	0.83
1850	ok	0.56
1851	ok	0.41
1852	ok	1.16
1853	ok	0.61

Nodo	Max tau 1.39	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
------	-----------------	----------	-----------	---------	----------	------	-------

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
58	ok	0.30	0.14	1.09	0.0	0.0	0.0	0.0	0	0	0	7
60	ok	0.16	0.06	1.79	0.0	0.0	0.0	0.0	0	0	0	6

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
19	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
44	ok	0.15	0.7	4.61e-02	7.7	7.7	7.7	7.7	-111.3	-15.5	24.0	2633.2	616.2	-233.0
56	ok	0.15	0.3	2.95e-02	7.7	7.7	7.7	7.7	80.2	54.9	23.7	1113.3	553.5	174.3
1804	ok	0.15	1.0	2.17e-04	7.7	7.7	7.7	7.7	2.1	137.3	-18.2	-70.4	3044.6	114.1
1809	ok	0.15	0.9	1.08e-02	7.7	7.7	7.7	7.7	-18.7	20.4	-20.2	-326.7	3520.9	347.7
1854	ok	0.15	0.4	4.73e-02	7.7	7.7	7.7	7.7	-108.4	-17.4	34.5	1549.9	237.9	19.2
1855	ok	0.15	0.2	3.67e-02	7.7	7.7	7.7	7.7	-44.3	-7.9	0.9	876.6	-115.2	-32.4
1856	ok	0.15	0.1	2.75e-02	7.7	7.7	7.7	7.7	-34.8	4.6	-7.0	464.7	-147.7	-122.4
1857	ok	0.15	8.37e-02	2.26e-02	7.7	7.7	7.7	7.7	-30.3	1.4	-3.9	-236.2	-99.0	-177.7
1858	ok	0.15	0.1	1.75e-02	7.7	7.7	7.7	7.7	-23.5	3.2	9.6	-343.7	-32.3	-201.5
1859	ok	0.15	7.73e-02	1.38e-02	7.7	7.7	7.7	7.7	-21.5	-14.3	14.3	-263.5	69.5	-156.2
1860	ok	0.15	0.1	2.74e-02	7.7	7.7	7.7	7.7	46.4	41.8	34.3	353.7	162.7	-176.0
1861	ok	0.15	0.4	2.61e-02	7.7	7.7	7.7	7.7	-27.3	7.9	5.1	1617.6	207.1	-62.8
1862	ok	0.15	0.3	1.80e-02	7.7	7.7	7.7	7.7	-13.1	3.8	-15.8	1081.9	90.8	157.4
1863	ok	0.15	0.2	1.52e-02	7.7	7.7	7.7	7.7	-15.5	-0.7	-2.2	594.1	111.7	253.5
1864	ok	0.15	0.1	1.80e-02	7.7	7.7	7.7	7.7	6.0	-35.1	-15.6	214.1	267.8	312.8
1865	ok	0.15	0.2	1.26e-02	7.7	7.7	7.7	7.7	3.4	-24.1	-13.9	-22.1	575.4	274.6
1866	ok	0.15	0.2	1.32e-02	7.7	7.7	7.7	7.7	2.8	-26.0	-10.8	-303.2	873.9	263.3
1868	ok	0.15	5.58e-02	2.97e-02	7.7	7.7	7.7	7.7	-56.3	-68.6	-9.8	-226.7	-182.4	-18.7
1870	ok	0.15	0.2	4.17e-02	7.7	7.7	7.7	7.7	-85.0	-0.6	-0.6	698.1	-27.5	-271.6
1871	ok	0.15	0.1	4.03e-02	7.7	7.7	7.7	7.7	-93.1	1.7	12.0	-334.7	-52.9	-255.6
1873	ok	0.15	0.1	4.13e-02	7.7	7.7	7.7	7.7	-76.4	-80.1	26.2	-314.7	-211.5	-128.5
1874	ok	0.15	0.1	3.75e-02	7.7	7.7	7.7	7.7	-67.6	-1.5	5.2	344.5	-47.3	-229.3
1875	ok	0.15	8.98e-02	3.97e-02	7.7	7.7	7.7	7.7	-65.2	2.2	-3.0	-213.9	-42.0	-240.3
1876	ok	0.15	8.11e-02	6.82e-02	7.7	7.7	7.7	7.7	-140.7	-101.6	47.5	-415.1	-203.8	57.6
1877	ok	0.15	0.2	1.46e-02	7.7	7.7	7.7	7.7	5.0	-12.2	-13.4	41.5	376.1	514.4
1878	ok	0.15	0.5	5.07e-02	7.7	7.7	7.7	7.7	-110.2	-59.4	10.0	2040.5	477.9	-33.8
1879	ok	0.15	0.6	1.64e-03	7.7	7.7	7.7	7.7	0.7	93.2	-6.3	-27.9	2198.2	225.5
1880	ok	0.15	0.3	1.77e-03	7.7	7.7	7.7	7.7	0.6	62.9	-8.9	40.5	1127.3	301.7
1881	ok	0.15	0.2	2.44e-03	7.7	7.7	7.7	7.7	0.9	21.8	-6.4	-16.7	769.0	269.9
1882	ok	0.15	0.2	5.76e-03	7.7	7.7	7.7	7.7	1.2	10.2	-6.5	-18.7	562.4	254.2
1883	ok	0.15	0.1	1.35e-02	7.7	7.7	7.7	7.7	0.7	-17.0	-9.2	-16.4	363.4	294.4
1884	ok	0.15	0.1	2.10e-02	7.7	7.7	7.7	7.7	-9.7	-52.4	1.1	-47.5	219.2	326.4
1885	ok	0.15	0.2	4.22e-02	7.7	7.7	7.7	7.7	-18.4	-95.4	-30.1	-457.7	89.0	411.4
1887	ok	0.15	0.2	4.76e-02	7.7	7.7	7.7	7.7	-103.0	-7.1	-9.4	675.8	13.4	-195.1
1888	ok	0.15	0.1	5.48e-02	7.7	7.7	7.7	7.7	-107.6	-2.1	-8.97e-03	364.8	1.9	-160.4
1889	ok	0.15	7.20e-02	6.02e-02	7.7	7.7	7.7	7.7	-150.9	-5.0	0.1	-207.4	3.5	-156.0
1890	ok	0.15	8.10e-02	6.54e-02	7.7	7.7	7.7	7.7	-164.5	-3.8	0.3	-382.5	-1.4	-133.1
1891	ok	0.15	0.1	7.79e-02	7.7	7.7	7.7	7.7	-196.8	-9.6	5.5	-600.7	-66.8	-130.2
1892	ok	0.15	0.1	8.54e-02	7.7	7.7	7.7	7.7	-213.0	-15.4	24.1	-652.1	108.5	-27.4

1893	ok	0.15	0.2	2.79e-02	7.7	7.7	7.7	7.7	59.9	71.2	53.9	612.4	326.3	-80.1
1894	ok	0.15	8.01e-02	1.98e-02	7.7	7.7	7.7	7.7	-19.4	-22.7	8.1	-113.4	132.1	-131.7
1895	ok	0.15	9.93e-02	1.61e-02	7.7	7.7	7.7	7.7	-25.9	-8.5	22.1	-335.0	20.6	-186.4
1896	ok	0.15	0.1	1.96e-02	7.7	7.7	7.7	7.7	-29.3	3.6	3.2	-325.2	-73.3	-193.1
1897	ok	0.15	8.34e-02	2.52e-02	7.7	7.7	7.7	7.7	26.5	-9.2	16.8	300.7	-173.0	-98.6
1898	ok	0.15	0.2	3.24e-02	7.7	7.7	7.7	7.7	-38.1	-3.6	-3.9	655.5	-152.3	-79.6
1899	ok	0.15	0.3	4.15e-02	7.7	7.7	7.7	7.7	-50.8	-14.6	15.9	1149.3	16.5	7.8
1901	ok	0.15	0.4	3.68e-02	7.7	7.7	7.7	7.7	-55.8	-31.6	15.6	1554.8	103.9	191.3
1902	ok	0.15	0.3	3.55e-02	7.7	7.7	7.7	7.7	-73.4	-25.1	32.1	1195.1	-49.5	73.0
1903	ok	0.15	0.1	2.83e-02	7.7	7.7	7.7	7.7	-58.8	-12.0	24.8	-351.8	-19.5	-236.8
1904	ok	0.15	9.14e-02	2.61e-02	7.7	7.7	7.7	7.7	-51.9	-18.8	18.5	-296.7	36.1	-202.6
1905	ok	0.15	0.1	3.12e-02	7.7	7.7	7.7	7.7	-57.5	7.9	10.2	-347.9	-45.6	-233.8
1906	ok	0.15	9.94e-02	3.10e-02	7.7	7.7	7.7	7.7	-49.3	6.1	5.6	-304.9	-50.5	-221.1
1907	ok	0.15	8.50e-02	3.12e-02	7.7	7.7	7.7	7.7	-48.6	0.3	-2.5	-217.3	-67.7	-207.0
1908	ok	0.15	9.31e-02	2.49e-02	7.7	7.7	7.7	7.7	49.8	39.4	38.4	142.6	-45.3	-235.4
1909	ok	0.15	9.84e-02	3.32e-02	7.7	7.7	7.7	7.7	-13.1	-1.2	-12.8	347.6	-85.8	-157.2
1910	ok	0.15	0.1	3.53e-02	7.7	7.7	7.7	7.7	-50.9	-1.8	-0.8	560.3	-91.0	-143.9
1911	ok	0.15	0.1	5.74e-02	7.7	7.7	7.7	7.7	-137.8	-1.7	11.7	-501.2	-25.0	-242.6
1912	ok	0.15	0.2	3.39e-02	7.7	7.7	7.7	7.7	-56.4	-4.1	2.1	746.3	-90.3	-114.8
1913	ok	0.15	0.1	5.34e-02	7.7	7.7	7.7	7.7	-132.8	1.5	7.0	-363.4	-20.4	-291.4
1914	ok	0.15	9.83e-02	4.90e-02	7.7	7.7	7.7	7.7	-85.0	2.0	-0.9	-209.6	-11.8	-293.2
1915	ok	0.15	0.2	3.44e-02	7.7	7.7	7.7	7.7	-77.7	-13.8	19.8	922.2	-117.6	-18.0
1916	ok	0.15	0.1	4.50e-02	7.7	7.7	7.7	7.7	-19.9	-0.3	-3.2	405.5	-5.5	-267.6
1918	ok	0.15	0.1	2.74e-02	7.7	7.7	7.7	7.7	51.4	61.1	28.2	328.5	54.3	-198.0
1919	ok	0.15	0.4	9.29e-03	7.7	7.7	7.7	7.7	2.1	16.5	-13.1	-36.6	1343.4	611.8
1920	ok	0.15	0.2	1.42e-02	7.7	7.7	7.7	7.7	0.5	-33.7	-6.3	166.5	235.7	602.4
1921	ok	0.15	0.3	3.39e-02	7.7	7.7	7.7	7.7	-35.6	-19.3	24.6	1090.2	-143.9	484.0
1922	ok	0.15	0.2	9.26e-03	7.7	7.7	7.7	7.7	3.4	-7.7	-10.1	-32.3	574.7	465.7
1923	ok	0.15	0.3	2.22e-02	7.7	7.7	7.7	7.7	12.6	7.2	18.2	510.7	43.7	836.3
1924	ok	0.15	0.2	8.05e-03	7.7	7.7	7.7	7.7	3.2	-2.0	-10.1	-108.3	829.4	482.3
1925	ok	0.15	0.1	3.84e-02	7.7	7.7	7.7	7.7	-68.6	-8.8	-6.4	538.1	-53.3	-195.5
1926	ok	0.15	0.1	3.07e-02	7.7	7.7	7.7	7.7	46.0	67.8	37.2	381.2	84.3	-207.6
1927	ok	0.15	0.6	6.50e-03	7.7	7.7	7.7	7.7	5.9	37.1	-13.0	163.6	2102.6	159.0
1928	ok	0.15	0.1	6.35e-02	7.7	7.7	7.7	7.7	-122.9	-34.0	22.0	-585.7	-161.9	-103.9
1929	ok	0.15	0.3	3.81e-02	7.7	7.7	7.7	7.7	-60.7	-18.2	33.4	1469.7	130.5	153.6
1930	ok	0.15	0.1	4.36e-02	7.7	7.7	7.7	7.7	-88.3	-14.5	17.8	-403.9	-42.9	-230.1
1931	ok	0.15	0.1	4.31e-02	7.7	7.7	7.7	7.7	-92.1	-29.4	31.2	-418.9	-127.5	-179.7

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	1.25	0.09	7.70	7.70	7.70	7.70	-213.02	-101.60	-30.09	-1021.53	-211.51	-3076.56
								80.22	137.25	53.87	2689.11	5717.98	836.34

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
44	ok	0.0						
52	ok	0.0						
56	ok	0.0						
1804	ok	2.18						
1805	ok	0.0						
1809	ok	0.0						
1854	ok	1.52						
1855	ok	1.09						
1856	ok	0.75						
1857	ok	0.44						
1858	ok	0.22						
1859	ok	0.49						
1860	ok	1.04						
1861	ok	0.0						
1862	ok	0.82						
1863	ok	0.68						
1864	ok	0.45						
1865	ok	0.23						
1866	ok	0.85						
1867	ok Av	6.04	0.15	0.25	4.4	7.1	53.2	86.0
1868	ok	1.23						
1869	ok Av	6.05	0.15	0.25	4.4	7.1	53.1	86.2
1870	ok	1.15						
1871	ok	0.31						
1872	ok	1.26						
1873	ok	1.02						
1874	ok	0.56						
1875	ok	0.41						
1876	ok	0.85						
1877	ok	0.58						
1878	ok	0.0						

1879	ok	2.18
1880	ok	1.97
1881	ok	0.85
1882	ok	0.53
1883	ok	0.44
1884	ok	0.63
1885	ok	1.23
1886	ok	1.36
1887	ok	1.13
1888	ok	0.92
1889	ok	0.84
1890	ok	0.68
1891	ok	0.58
1892	ok	0.63
1893	ok	0.0
1894	ok	0.80
1895	ok	0.33
1896	ok	0.30
1897	ok	0.59
1898	ok	0.91
1899	ok	1.25
1900	ok	1.26
1901	ok	0.0
1902	ok	1.25
1903	ok	0.34
1904	ok	0.50
1905	ok	0.25
1906	ok	0.30
1907	ok	0.43
1908	ok	0.81
1909	ok	0.59
1910	ok	0.75
1911	ok	0.58
1912	ok	0.89
1913	ok	0.68
1914	ok	0.84
1915	ok	1.08
1916	ok	0.93
1917	ok	1.42
1918	ok	1.06
1919	ok	2.78
1920	ok	0.67
1921	ok	1.23
1922	ok	0.60
1923	ok	1.28
1924	ok	0.85
1925	ok	0.62
1926	ok	0.0
1927	ok	3.58
1928	ok	0.71
1929	ok	1.51
1930	ok	0.32
1931	ok	0.71

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	6.05	0.15	0.25	4.36	7.07	53.15	86.15

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot	Asw,min	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
44	ok	0.52	0.19	1.16	0.0	0.0	0.0	0.0	0	0	0	21
56	ok	0.35	0.15	1.11	0.0	0.0	0.0	0.0	0	0	0	7

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
20	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
56	ok	0.15	0.2	2.88e-02	7.7	7.7	7.7	7.7	-12.4	-26.6	-18.4	729.9	256.3	131.0
1779	ok	0.15	8.10e-02	3.25e-02	7.7	7.7	7.7	7.7	21.2	20.4	11.9	104.4	-138.4	173.5

1838

1780	ok	0.15	0.1	2.73e-02	7.7	7.7	7.7	7.7	7.0	13.8	1.5	-258.1	-332.7	198.1
1868	ok	0.15	7.07e-02	3.14e-02	7.7	7.7	7.7	7.7	36.9	40.5	29.7	231.4	-114.9	-141.4
1926	ok	0.15	0.1	2.86e-02	7.7	7.7	7.7	7.7	33.5	38.9	25.2	470.2	259.2	-143.6

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	0.19	0.03	7.70	7.70	7.70	7.70	-12.40	-26.61	-18.43	-258.13	-332.74	-143.63
								36.87	40.51	29.68	729.87	259.16	198.12

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
56	ok	0.0						
1779	ok	1.64						
1780	ok	0.77						
1868	ok	0.74						
1926	ok	0.0						

Nodo	Max tau 1.64	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
------	-----------------	----------	-----------	---------	----------	------	-------

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
21	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1799	ok	0.15	0.1	0.1	7.7	7.7	7.7	7.7	-286.7	-20.2	51.9	-559.8	-198.2	239.7
1892	ok	0.15	0.1	0.1	7.7	7.7	7.7	7.7	-259.4	-17.2	43.6	-624.3	-96.5	167.3
1928	ok	0.15	0.2	9.40e-02	7.7	7.7	7.7	7.7	-225.9	-18.6	52.2	-447.1	-131.2	30.2

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	0.21	0.12	7.70	7.70	7.70	7.70	-286.68	-20.21	43.56	-624.35	-198.20	30.16
								-225.93	-17.24	52.17	-447.06	-96.54	239.71

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
1799	ok	3.15						
1892	ok	3.25						
1928	ok	3.50						

Nodo	Max tau 3.50	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
------	-----------------	----------	-----------	---------	----------	------	-------

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
22	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1799	ok	0.15	7.76e-02	8.83e-02	7.7	7.7	7.7	7.7	-184.2	-81.3	74.4	-422.7	-73.6	49.6
1837	ok	0.15	7.44e-02	4.81e-02	7.7	7.7	7.7	7.7	-86.3	-107.5	5.0	-114.2	-237.1	86.1
1838	ok	0.15	0.1	4.38e-02	7.7	7.7	7.7	7.7	1.0	-52.4	10.6	1.1	-313.7	89.2
1876	ok	0.15	8.21e-02	7.30e-02	7.7	7.7	7.7	7.7	-142.9	-63.4	70.7	-394.1	-104.8	-50.2
1928	ok	0.15	8.52e-02	7.35e-02	7.7	7.7	7.7	7.7	155.8	67.6	-54.0	179.2	-123.2	-142.3

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	0.11	0.09	7.70	7.70	7.70	7.70	-184.20	-107.47	-53.99	-422.70	-313.70	-142.26
								155.76	67.65	74.37	179.22	-73.56	89.23

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
1799	ok	2.92						

1837	ok	1.12
1838	ok	1.64
1876	ok	2.86
1928	ok	2.98

Nodo	Max tau 2.98	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
------	-----------------	----------	-----------	---------	----------	------	-------

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
23	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1780	ok	0.15	9.28e-02	2.42e-02	7.7	7.7	7.7	7.7	-22.8	-49.7	-7.56e-02	-72.4	-373.2	86.1
1838	ok	0.15	0.1	3.47e-02	7.7	7.7	7.7	7.7	-24.5	-53.0	2.0	-134.2	-391.3	164.0
1868	ok	0.15	5.95e-02	3.05e-02	7.7	7.7	7.7	7.7	-47.2	-23.8	-5.4	-148.6	-246.0	16.1
1876	ok	0.15	4.38e-02	2.67e-02	7.7	7.7	7.7	7.7	-64.6	-41.3	-9.4	-140.8	-149.0	-34.7

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x -64.64	N y -52.96	N xy -9.42	M x -148.55	M y -391.33	M xy -34.74
	0.15	0.11	0.03	7.70	7.70	7.70	7.70	-22.84	-23.84	1.95	-72.39	-149.01	163.99

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
1780	ok	1.98						
1838	ok	0.98						
1868	ok	1.79						
1876	ok	1.16						

Nodo	Max tau 1.98	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
------	-----------------	----------	-----------	---------	----------	------	-------

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
24	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
67	ok	0.15	0.8	9.86e-03	7.7	7.7	7.7	7.7	31.2	89.5	3.8	685.7	-2315.6	1572.0
1672	ok	0.15	0.1	3.49e-02	7.7	7.7	7.7	7.7	42.0	-14.6	-3.5	-181.5	491.5	138.7
1673	ok	0.15	0.2	2.29e-02	7.7	7.7	7.7	7.7	10.8	-11.9	4.1	-24.7	362.5	410.2
1674	ok	0.15	0.2	1.97e-02	7.7	7.7	7.7	7.7	11.7	-4.0	8.6	3.8	451.0	677.3
1676	ok	0.15	0.2	4.21e-02	7.7	7.7	7.7	7.7	-78.2	45.1	0.6	-436.4	17.3	590.3
1677	ok	0.15	0.2	4.31e-03	7.7	7.7	7.7	7.7	31.7	23.9	-19.2	-131.1	327.2	628.3
1678	ok	0.15	0.1	3.43e-03	7.7	7.7	7.7	7.7	5.7	37.8	-5.5	-68.4	151.1	506.5
1679	ok	0.15	0.2	2.85e-02	7.7	7.7	7.7	7.7	24.7	63.7	-10.1	-272.6	125.4	466.7
1701	ok	0.15	0.7	3.72e-02	7.7	7.7	7.7	7.7	-42.4	13.3	14.3	2639.2	1161.2	516.7
1702	ok	0.15	0.6	2.23e-02	7.7	7.7	7.7	7.7	-27.9	49.8	27.2	1859.2	-273.1	827.5
1704	ok	0.15	0.5	3.10e-02	7.7	7.7	7.7	7.7	-61.8	12.8	30.6	1821.6	271.8	784.4
1705	ok	0.15	0.5	5.78e-02	7.7	7.7	7.7	7.7	-8.0	67.1	-49.5	666.9	132.9	1499.5
1706	ok	0.15	0.2	3.49e-02	7.7	7.7	7.7	7.7	-27.6	-52.3	44.3	824.2	403.0	88.2
1707	ok	0.15	0.3	1.87e-02	7.7	7.7	7.7	7.7	-27.2	-1.6	21.6	886.8	25.9	851.0
1708	ok	0.15	0.4	2.03e-02	7.7	7.7	7.7	7.7	-46.5	-1.4	6.9	370.2	251.0	1264.6
1709	ok	0.15	0.2	1.57e-02	7.7	7.7	7.7	7.7	0.9	-28.9	16.0	466.0	210.8	446.7
1808	ok	0.15	0.3	1.73e-02	7.7	7.7	7.7	7.7	-1.2	-25.4	18.2	509.8	37.0	823.0
1813	ok	0.15	0.3	1.19e-02	7.7	7.7	7.7	7.7	-7.6	-8.8	15.2	221.4	123.5	1000.3
1814	ok	0.15	0.3	1.33e-02	7.7	7.7	7.7	7.7	20.7	29.2	23.9	593.4	373.8	527.2
1817	ok	0.15	0.3	1.96e-02	7.7	7.7	7.7	7.7	1.5	-4.5	29.8	466.1	121.8	874.3
1824	ok	0.15	0.4	2.58e-02	7.7	7.7	7.7	7.7	10.6	-1.3	11.6	693.4	281.1	803.3

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x -127.78	N y -226.77	N xy -106.42	M x -3474.39	M y -2315.61	M xy -3265.35
	0.15	3.48	0.10	7.70	7.70	7.70	7.70	246.39	89.47	87.02	6487.17	4243.58	5159.17

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
42	ok	0.0						
50	ok	0.0						
67	ok	3.75						
1671	ok	0.0						
1672	ok	1.30						
1673	ok	0.57						
1674	ok	1.14						
1675	ok	3.58						
1676	ok	3.76						
1677	ok	1.39						
1678	ok	0.88						
1679	ok	0.90						
1680	ok	3.38						
1681	ok	2.94						
1700	ok	0.0						
1701	ok	4.56						
1702	ok	3.83						
1703	ok	0.0						
1704	ok	4.53						
1705	ok	3.95						
1706	ok	1.80						
1707	ok	1.79						
1708	ok	1.43						
1709	ok	0.84						
1808	ok	0.79						
1813	ok	0.71						
1814	ok	1.12						
1817	ok	0.45						
1820	ok	1.03						
1821	ok	3.46						
1824	ok	0.61						
1825	ok	2.84						
1829	ok	3.55						
1830	ok	0.56						
1833	ok	3.21						

Nodo		Max tau 4.56	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
------	--	-----------------	----------	-----------	---------	----------	------	-------

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
42	ok	0.61	0.23	1.04	0.0	0.0	0.0	0.0	0	0	0	27

< TABELLA VERIFICHE ELEMENTI - MATERIALI NUOVI >

Parete ND	H totale	Spessore	L totale	Verif. N-M	Verif. V	Prog. composta
	cm	cm	cm			
1	325.00	20.00	377.71	ok	ok	SI

Quota cm	Af std	Af V (ori)	Ver. N/M	Ver. V cls	Ver. V acc
0.0	1+1d16/25	1+1d12/25	0.13	0.13	0.08
35.0	1+1d16/25	1+1d12/25	0.12	0.13	0.08
35.6	1+1d16/25	1+1d12/25	0.11	0.13	0.07
36.1	1+1d16/25	1+1d12/25	0.11	0.13	0.07
36.7	1+1d16/25	1+1d12/25	0.11	0.13	0.07
37.2	1+1d16/25	1+1d12/25	0.11	0.13	0.07
37.8	1+1d16/25	1+1d12/25	0.11	0.13	0.07
38.4	1+1d16/25	1+1d12/25	0.10	0.13	0.08
38.9	1+1d16/25	1+1d12/25	0.10	0.13	0.08
39.5	1+1d16/25	1+1d12/25	0.10	0.13	0.08

40.1	1+1d16/25	1+1d12/25	0.10	0.13	0.08
40.6	1+1d16/25	1+1d12/25	0.10	0.14	0.08
70.0	1+1d16/25	1+1d12/25	0.09	0.14	0.08
71.1	1+1d16/25	1+1d12/25	0.09	0.14	0.08
72.2	1+1d16/25	1+1d12/25	0.08	0.13	0.08
73.4	1+1d16/25	1+1d12/25	0.08	0.13	0.08
74.5	1+1d16/25	1+1d12/25	0.08	0.13	0.08
75.6	1+1d16/25	1+1d12/25	0.08	0.13	0.08
76.8	1+1d16/25	1+1d12/25	0.08	0.13	0.08
77.9	1+1d16/25	1+1d12/25	0.08	0.13	0.08
79.0	1+1d16/25	1+1d12/25	0.08	0.14	0.08
80.1	1+1d16/25	1+1d12/25	0.08	0.14	0.08
81.2	1+1d16/25	1+1d12/25	0.08	0.14	0.08
105.0	1+1d16/25	1+1d12/25	0.07	0.14	0.08
106.7	1+1d16/25	1+1d12/25	0.07	0.14	0.08
108.4	1+1d16/25	1+1d12/25	0.06	0.14	0.08
110.1	1+1d16/25	1+1d12/25	0.06	0.13	0.08
111.8	1+1d16/25	1+1d12/25	0.06	0.13	0.08
113.4	1+1d16/25	1+1d12/25	0.06	0.13	0.08
115.1	1+1d16/25	1+1d12/25	0.06	0.14	0.08
116.8	1+1d16/25	1+1d12/25	0.06	0.14	0.08
118.5	1+1d16/25	1+1d12/25	0.07	0.14	0.08
120.2	1+1d16/25	1+1d12/25	0.07	0.14	0.08
121.9	1+1d16/25	1+1d12/25	0.07	0.14	0.08
140.0	1+1d16/25	1+1d12/25	0.07	0.14	0.08
142.2	1+1d16/25	1+1d12/25	0.07	0.14	0.08
144.5	1+1d16/25	1+1d12/25	0.07	0.14	0.08
146.8	1+1d16/25	1+1d12/25	0.07	0.14	0.08
149.0	1+1d16/25	1+1d12/25	0.07	0.14	0.08
151.2	1+1d16/25	1+1d12/25	0.07	0.14	0.08
153.5	1+1d16/25	1+1d12/25	0.07	0.14	0.08
155.8	1+1d16/25	1+1d12/25	0.07	0.14	0.08
158.0	1+1d16/25	1+1d12/25	0.07	0.14	0.08
160.2	1+1d16/25	1+1d12/25	0.07	0.14	0.08
162.5	1+1d16/25	1+1d12/25	0.07	0.14	0.08
175.0	1+1d16/25	1+1d12/25	0.08	0.14	0.08
177.8	1+1d16/25	1+1d12/25	0.08	0.14	0.08
180.6	1+1d16/25	1+1d12/25	0.08	0.14	0.08
183.4	1+1d16/25	1+1d12/25	0.08	0.14	0.08
186.2	1+1d16/25	1+1d12/25	0.08	0.14	0.08
189.1	1+1d16/25	1+1d12/25	0.08	0.14	0.08
191.9	1+1d16/25	1+1d12/25	0.08	0.14	0.08
194.7	1+1d16/25	1+1d12/25	0.08	0.14	0.08
197.5	1+1d16/25	1+1d12/25	0.08	0.14	0.08
200.3	1+1d16/25	1+1d12/25	0.08	0.14	0.08
203.1	1+1d16/25	1+1d12/25	0.08	0.14	0.08
210.0	1+1d16/25	1+1d12/25	0.09	0.14	0.08
213.4	1+1d16/25	1+1d12/25	0.09	0.14	0.08
216.8	1+1d16/25	1+1d12/25	0.09	0.14	0.08
220.1	1+1d16/25	1+1d12/25	0.09	0.14	0.08
223.5	1+1d16/25	1+1d12/25	0.10	0.14	0.08
226.9	1+1d16/25	1+1d12/25	0.10	0.14	0.08
230.2	1+1d16/25	1+1d12/25	0.10	0.14	0.08
233.6	1+1d16/25	1+1d12/25	0.10	0.14	0.08
237.0	1+1d16/25	1+1d12/25	0.10	0.14	0.08
240.4	1+1d16/25	1+1d12/25	0.10	0.14	0.08
243.8	1+1d16/25	1+1d12/25	0.10	0.14	0.08
245.0	1+1d16/25	1+1d12/25	0.10	0.14	0.08
248.9	1+1d16/25	1+1d12/25	0.12	0.15	0.08
252.9	1+1d16/25	1+1d12/25	0.12	0.14	0.08
256.8	1+1d16/25	1+1d12/25	0.12	0.14	0.08
260.8	1+1d16/25	1+1d12/25	0.12	0.14	0.08
264.7	1+1d16/25	1+1d12/25	0.13	0.13	0.08
268.6	1+1d16/25	1+1d12/25	0.13	0.13	0.07
272.6	1+1d16/25	1+1d12/25	0.13	0.13	0.07
276.5	1+1d16/25	1+1d12/25	0.13	0.13	0.07
280.0	1+1d16/25	1+1d12/25	0.14	0.13	0.07
280.4	1+1d16/25	1+1d12/25	0.12	0.14	0.08
284.4	1+1d16/25	1+1d12/25	0.06	0.17	0.10
284.5	1+1d16/25	1+1d12/25	0.06	0.17	0.10
289.0	1+1d16/25	1+1d12/25	0.05	0.18	0.10
293.5	1+1d16/25	1+1d12/25	0.04	0.19	0.11
298.0	1+1d16/25	1+1d12/25	0.03	0.18	0.10
302.5	1+1d16/25	1+1d12/25	0.03	0.20	0.11
307.0	1+1d16/25	1+1d12/25	0.04	0.22	0.13
311.5	1+1d16/25	1+1d12/25	0.07	0.27	0.15
316.0	1+1d16/25	1+1d12/25	0.07	0.25	0.14

320.5	1+1d16/25	1+1d12/25	0.0	0.0	0.0
325.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0

<b>Quota</b>	<b>Ver. N/M</b>	<b>Ver. V cls</b>	<b>Ver. V acc</b>
	0.14	0.27	0.15

Quota cm	N v.M/N daN	M v.M/N daN cm	Mo v.M/N daN cm	N v.Vcls daN	V v.Vcls daN	V v.Vacc daN	Ctg Vcls	Vrzd Vcls daN	Ctg Vac	Vrzd Vac daN
0.0	-3.315e+04	2.534e+06	1.397e+05	-4.158e+04	2.042e+04	2.042e+04	2.50	1.522e+05	2.50	2.662e+05
35.0	-3.302e+04	2.537e+06	1.039e+05	-4.145e+04	2.040e+04	2.040e+04	2.50	1.522e+05	2.50	2.662e+05
35.6	-3.163e+04	2.302e+06	1.013e+05	-3.993e+04	1.976e+04	1.976e+04	2.50	1.520e+05	2.50	2.662e+05
36.1	-3.141e+04	2.274e+06	9.874e+04	-3.970e+04	1.971e+04	1.971e+04	2.50	1.519e+05	2.50	2.662e+05
36.7	-3.121e+04	2.255e+06	9.664e+04	-3.947e+04	1.978e+04	1.978e+04	2.50	1.519e+05	2.50	2.662e+05
37.2	-3.104e+04	2.246e+06	9.491e+04	-3.927e+04	1.986e+04	1.986e+04	2.50	1.519e+05	2.50	2.662e+05
37.8	-3.089e+04	2.244e+06	9.342e+04	-3.909e+04	1.995e+04	1.995e+04	2.50	1.519e+05	2.50	2.662e+05
38.4	-3.078e+04	2.246e+06	9.208e+04	-3.894e+04	2.004e+04	2.004e+04	2.50	1.518e+05	2.50	2.662e+05
38.9	-3.070e+04	2.251e+06	9.077e+04	-3.882e+04	2.011e+04	2.011e+04	2.50	1.518e+05	2.50	2.662e+05
39.5	-3.060e+04	2.259e+06	8.924e+04	-3.869e+04	2.018e+04	2.018e+04	2.50	1.518e+05	2.50	2.662e+05
40.1	-3.055e+04	2.266e+06	8.663e+04	-3.854e+04	2.030e+04	2.030e+04	2.50	1.518e+05	2.50	2.662e+05
40.6	-3.056e+04	2.264e+06	8.208e+04	-3.789e+04	2.069e+04	2.069e+04	2.50	1.517e+05	2.50	2.662e+05
70.0	-3.042e+04	2.271e+06	5.353e+04	-3.776e+04	2.069e+04	2.069e+04	2.50	1.517e+05	2.50	2.662e+05
71.1	-2.939e+04	2.097e+06	5.075e+04	-3.664e+04	2.046e+04	2.046e+04	2.50	1.515e+05	2.50	2.662e+05
72.2	-2.882e+04	2.023e+06	4.821e+04	-3.604e+04	2.018e+04	2.018e+04	2.50	1.514e+05	2.50	2.662e+05
73.4	-2.854e+04	1.998e+06	4.581e+04	-3.573e+04	2.010e+04	2.010e+04	2.50	1.514e+05	2.50	2.662e+05
74.5	-2.832e+04	1.986e+06	4.359e+04	-3.548e+04	2.013e+04	2.013e+04	2.50	1.514e+05	2.50	2.662e+05
75.6	-2.816e+04	1.984e+06	4.156e+04	-3.528e+04	2.021e+04	2.021e+04	2.50	1.513e+05	2.50	2.662e+05
76.8	-2.804e+04	1.987e+06	3.964e+04	-3.513e+04	2.031e+04	2.031e+04	2.50	1.513e+05	2.50	2.662e+05
77.9	-2.796e+04	1.992e+06	3.772e+04	-3.499e+04	2.042e+04	2.042e+04	2.50	1.513e+05	2.50	2.662e+05
79.0	-2.785e+04	2.002e+06	3.568e+04	-3.484e+04	2.054e+04	2.054e+04	2.50	1.513e+05	2.50	2.662e+05
80.1	-2.780e+04	2.008e+06	3.377e+04	-3.456e+04	2.068e+04	2.068e+04	2.50	1.512e+05	2.50	2.662e+05
81.2	-2.780e+04	2.007e+06	3.300e+04	-3.408e+04	2.071e+04	2.071e+04	2.50	1.512e+05	2.50	2.662e+05
105.0	-2.766e+04	2.016e+06	1.018e+04	-3.394e+04	2.072e+04	2.072e+04	2.50	1.512e+05	2.50	2.662e+05
106.7	-2.683e+04	1.876e+06	6864.55	-3.306e+04	2.060e+04	2.060e+04	2.50	1.510e+05	2.50	2.662e+05
108.4	-2.621e+04	1.796e+06	3685.34	-3.239e+04	2.039e+04	2.039e+04	2.50	1.509e+05	2.50	2.662e+05
110.1	-2.578e+04	1.758e+06	631.98	-3.193e+04	2.025e+04	2.025e+04	2.50	1.509e+05	2.50	2.662e+05
111.8	-2.548e+04	1.743e+06	2289.27	-3.160e+04	2.023e+04	2.023e+04	2.50	1.508e+05	2.50	2.662e+05
113.4	-2.527e+04	1.741e+06	5055.96	-3.135e+04	2.030e+04	2.030e+04	2.50	1.508e+05	2.50	2.662e+05
115.1	-2.513e+04	1.744e+06	7678.31	-3.116e+04	2.040e+04	2.040e+04	2.50	1.508e+05	2.50	2.662e+05
116.8	-2.505e+04	1.749e+06	1.016e+04	-3.101e+04	2.053e+04	2.053e+04	2.50	1.508e+05	2.50	2.662e+05
118.5	-2.491e+04	1.763e+06	1.238e+04	-3.083e+04	2.065e+04	2.065e+04	2.50	1.507e+05	2.50	2.662e+05
120.2	-2.485e+04	1.769e+06	1.491e+04	-3.058e+04	2.073e+04	2.073e+04	2.50	1.507e+05	2.50	2.662e+05
121.9	-2.485e+04	1.768e+06	1.651e+04	-3.023e+04	2.072e+04	2.072e+04	2.50	1.506e+05	2.50	2.662e+05
140.0	-2.472e+04	1.777e+06	3.357e+04	-3.010e+04	2.074e+04	2.074e+04	2.50	1.506e+05	2.50	2.662e+05
142.2	-2.402e+04	1.661e+06	3.647e+04	-2.937e+04	2.066e+04	2.066e+04	2.50	1.505e+05	2.50	2.662e+05
144.5	-2.339e+04	1.583e+06	3.942e+04	-2.871e+04	2.050e+04	2.050e+04	2.50	1.504e+05	2.50	2.662e+05
146.8	-2.288e+04	1.538e+06	4.239e+04	-2.815e+04	2.039e+04	2.039e+04	2.50	1.504e+05	2.50	2.662e+05
149.0	-2.250e+04	1.519e+06	4.524e+04	-2.772e+04	2.037e+04	2.037e+04	2.50	1.503e+05	2.50	2.662e+05
151.2	-2.223e+04	1.517e+06	4.794e+04	-2.740e+04	2.041e+04	2.041e+04	2.50	1.503e+05	2.50	2.662e+05
153.5	-2.206e+04	1.521e+06	5.048e+04	-2.717e+04	2.050e+04	2.050e+04	2.50	1.502e+05	2.50	2.662e+05
155.8	-2.198e+04	1.527e+06	5.335e+04	-2.700e+04	2.062e+04	2.062e+04	2.50	1.502e+05	2.50	2.662e+05
158.0	-2.261e+04	1.467e+06	5.644e+04	-2.707e+04	2.074e+04	2.074e+04	2.50	1.502e+05	2.50	2.662e+05
160.2	-2.247e+04	1.484e+06	5.852e+04	-2.686e+04	2.078e+04	2.078e+04	2.50	1.502e+05	2.50	2.662e+05
162.5	-2.245e+04	1.486e+06	6.065e+04	-2.659e+04	2.073e+04	2.073e+04	2.50	1.501e+05	2.50	2.662e+05
175.0	-2.234e+04	1.494e+06	7.247e+04	-2.649e+04	2.074e+04	2.074e+04	2.50	1.501e+05	2.50	2.662e+05
177.8	-2.175e+04	1.399e+06	7.605e+04	-2.589e+04	2.068e+04	2.068e+04	2.50	1.501e+05	2.50	2.662e+05
180.6	-2.112e+04	1.323e+06	8.109e+04	-2.523e+04	2.056e+04	2.056e+04	2.50	1.500e+05	2.50	2.662e+05
183.4	-2.053e+04	1.273e+06	8.601e+04	-2.459e+04	2.051e+04	2.051e+04	2.50	1.499e+05	2.50	2.662e+05
186.2	-2.010e+04	1.252e+06	8.984e+04	-2.410e+04	2.051e+04	2.051e+04	2.50	1.498e+05	2.50	2.662e+05
189.1	-1.979e+04	1.249e+06	9.277e+04	-2.373e+04	2.051e+04	2.051e+04	2.50	1.498e+05	2.50	2.662e+05
191.9	-1.958e+04	1.255e+06	9.612e+04	-2.344e+04	2.053e+04	2.053e+04	2.50	1.497e+05	2.50	2.662e+05
194.7	-1.946e+04	1.262e+06	9.935e+04	-2.322e+04	2.061e+04	2.061e+04	2.50	1.497e+05	2.50	2.662e+05
197.5	-1.946e+04	1.263e+06	1.019e+05	-2.311e+04	2.075e+04	2.075e+04	2.50	1.497e+05	2.50	2.662e+05
200.3	-2.013e+04	1.172e+06	1.043e+05	-2.325e+04	2.082e+04	2.082e+04	2.50	1.497e+05	2.50	2.662e+05
203.1	-2.002e+04	1.189e+06	1.069e+05	-2.306e+04	2.068e+04	2.068e+04	2.50	1.497e+05	2.50	2.662e+05
210.0	-1.995e+04	1.195e+06	1.131e+05	-2.299e+04	2.068e+04	2.068e+04	2.50	1.497e+05	2.50	2.662e+05
213.4	-1.957e+04	1.137e+06	1.183e+05	-2.260e+04	2.066e+04	2.066e+04	2.50	1.496e+05	2.50	2.662e+05
216.8	-1.883e+04	1.051e+06	1.255e+05	-2.183e+04	2.058e+04	2.058e+04	2.50	1.495e+05	2.50	2.662e+05
220.1	-1.821e+04	9.986e+05	1.306e+05	-2.116e+04	2.068e+04	2.068e+04	2.50	1.494e+05	2.50	2.662e+05
223.5	-1.780e+04	9.799e+05	1.351e+05	-2.069e+04	2.064e+04	2.064e+04	2.50	1.493e+05	2.50	2.662e+05
226.9	-1.749e+04	9.774e+05	1.392e+05	-2.032e+04	2.051e+04	2.051e+04	2.50	1.493e+05	2.50	2.662e+05
230.2	-1.724e+04	9.844e+05	1.419e+05	-1.998e+04	2.036e+04	2.036e+04	2.50	1.492e+05	2.50	2.662e+05
233.6	-1.703e+04	9.975e+05	1.435e+05	-1.966e+04	2.027e+04	2.027e+04	2.50	1.492e+05	2.50	2.662e+05
237.0	-1.689e+04	1.011e+06	1.459e+05	-1.941e+04	2.033e+04	2.033e+04	2.50	1.492e+05	2.50	2.662e+05
240.4	-1.669e+04	9.646e+05	1.488e+05	-1.949e+04	2.064e+04	2.064e+04	2.50	1.492e+05	2.50	2.662e+05
243.8	-1.268e+04	9.125e+05	1.469e+05	-1.967e+04	2.081e+04	2.081e+04	2.50	1.492e+05	2.50	2.662e+05

245.0	-1.267e+04	9.142e+05	1.481e+05	-1.965e+04	2.080e+04	2.080e+04	2.50	1.492e+05	2.50	2.662e+05
248.9	-1.342e+04	1.055e+06	1.698e+05	-1225.07	2.132e+04	2.132e+04	2.50	1.467e+05	2.50	2.662e+05
252.9	-3914.57	1.101e+06	1.596e+05	-1.898e+04	2.099e+04	2.099e+04	2.50	1.491e+05	2.50	2.662e+05
256.8	-3883.08	1.110e+06	1.623e+05	-1.852e+04	2.092e+04	2.092e+04	2.50	1.490e+05	2.50	2.662e+05
260.8	-1374.66	1.165e+06	1.624e+05	-1.817e+04	2.051e+04	2.051e+04	2.50	1.490e+05	2.50	2.662e+05
264.7	-1550.47	1.175e+06	1.675e+05	-1.782e+04	1.999e+04	1.999e+04	2.50	1.489e+05	2.50	2.662e+05
268.6	-1739.78	1.177e+06	1.727e+05	-1739.78	1.937e+04	1.941e+04	2.50	1.467e+05	2.50	2.662e+05
272.6	-1971.33	1.168e+06	1.774e+05	-1971.33	1.911e+04	1.911e+04	2.50	1.468e+05	2.50	2.662e+05
276.5	-2232.78	1.147e+06	1.825e+05	-2232.78	1.896e+04	1.896e+04	2.50	1.468e+05	2.50	2.662e+05
280.0	-2435.60	1.126e+06	1.869e+05	-2435.60	1.916e+04	1.916e+04	2.50	1.468e+05	2.50	2.662e+05
280.4	203.68	6.426e+05	1.617e+05	-1.299e+04	1.916e+04	1.916e+04	2.50	1.377e+05	2.50	2.472e+05
284.4	3247.67	8.113e+04	8.937e+04	-7877.29	2.257e+04	2.257e+04	2.50	1.307e+05	2.50	2.356e+05
284.5	3900.62	6.863e+04	9.106e+04	-8296.42	2.239e+04	2.239e+04	2.50	1.305e+05	2.50	2.352e+05
289.0	3478.66	6.861e+04	5.854e+04	-7969.04	2.034e+04	2.034e+04	2.50	1.134e+05	2.50	2.041e+05
293.5	3167.64	5.783e+04	4.220e+04	-7498.12	1.834e+04	1.834e+04	2.50	9.620e+04	2.50	1.731e+05
298.0	2975.06	3.027e+04	3.256e+04	-6822.04	1.638e+04	1.638e+04	2.50	8.883e+04	2.50	1.597e+05
302.5	1748.37	1.978e+04	2.733e+04	-6057.08	1.436e+04	1.436e+04	2.50	7.162e+04	2.50	1.287e+05
307.0	1613.91	3.693e+04	2.456e+04	-5236.47	1.222e+04	1.222e+04	2.50	5.439e+04	2.50	9.765e+04
311.5	1906.44	4.698e+04	2.291e+04	-4370.70	9913.72	9913.72	2.50	3.715e+04	2.50	6.660e+04
316.0	1333.56	5.166e+04	1.934e+04	-3472.28	7388.40	7388.40	2.50	2.978e+04	2.50	5.325e+04
320.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
					daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN	daN	daN
35	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-102.1	-23.3	-41.6	-243.9	-45.8	-29.8
36	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-247.3	-206.6	-179.3	371.3	-353.5	-122.3
37	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-257.9	-56.7	-48.4	-863.1	-124.0	-37.1
38	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-715.5	-186.3	337.7	6834.4	1790.2	-3351.8
70	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-102.3	-2.6	-124.8	-505.0	263.4	-100.9
71	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	31.1	1.3	62.8	77.5	73.7	-129.1
72	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	172.1	210.2	137.1	-104.6	403.1	-140.3
73	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-69.1	5.9	-86.1	-35.5	-11.1	35.8
74	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-62.0	-2.7	-101.0	-48.2	-8.8	-41.6
75	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-55.0	1.3	-80.3	5.5	-53.2	25.4
76	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-47.4	-4.1	-84.8	24.6	-33.9	21.7
77	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-53.5	1.8	-80.1	8.2	-50.1	30.1
78	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-44.1	-1.1	-81.3	19.3	-36.3	40.4
79	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-47.8	2.8	-78.7	10.3	-39.2	34.0
80	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-57.7	-3.1	-80.1	15.2	-34.7	51.8
81	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-66.6	-2.9	-76.8	56.1	7.3	25.5
82	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.2	-5.5	-70.9	-29.9	-39.5	55.9
83	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-97.7	-5.6	-48.6	-201.3	-32.3	-44.6
84	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-68.3	-9.6	-64.8	-210.0	-96.7	-40.2
85	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.5	-14.1	-60.3	-214.7	-42.8	-27.1
86	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	22.8	28.2	74.4	152.3	33.5	-42.4
87	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	36.1	113.4	87.9	108.4	-110.1	-35.6
88	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-47.0	-12.8	-89.9	39.1	-14.0	-58.3
89	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-52.7	-6.5	-86.9	53.5	-28.4	19.6
90	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-53.6	-5.0	-84.8	39.9	-36.8	45.5
91	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-51.5	-7.2	-78.8	13.6	-41.3	61.8
92	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-60.1	-11.0	-69.4	-77.7	-59.7	-4.0
93	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-69.7	-10.5	-61.7	-167.4	-87.4	-17.0
94	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-69.4	-13.0	-62.8	-169.4	-33.6	-7.6
95	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	13.2	21.6	51.8	126.9	34.0	-76.6
96	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	17.1	71.4	69.7	105.4	49.2	-29.4
97	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.1	-8.8	-83.6	104.1	-44.5	-67.0
98	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-42.5	-8.3	-85.6	96.4	-55.5	-29.1
99	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-49.8	-10.9	-82.5	68.9	-57.2	53.3
100	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-55.5	-14.0	-76.8	22.9	-53.6	74.0
101	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-60.3	-13.2	-66.6	-86.0	-63.8	12.1
102	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-68.0	-16.5	-63.9	-148.3	-40.8	10.8
103	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-65.5	-12.7	-62.9	-170.3	-33.6	-2.2
104	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	6.5	20.3	38.1	140.1	24.4	-126.6
105	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.7	31.0	43.9	92.5	28.0	-77.9
106	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-28.2	-2.6	-73.6	152.7	-59.4	-78.8
107	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.9	-10.1	-78.7	145.4	-66.0	-27.1
108	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-48.9	-12.7	-78.0	93.6	-64.7	63.8
109	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-55.8	-16.3	-72.5	35.2	-60.6	86.7
110	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.2	-22.0	-64.4	-88.2	-49.0	79.7
111	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-73.0	-20.9	-60.9	-163.0	-42.4	48.6
112	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-71.6	-14.5	-60.7	-201.5	-39.7	1.4
113	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	6.0	25.2	37.6	190.8	28.8	-160.5
114	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.0	38.0	45.3	131.1	37.4	-113.6
115	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-27.9	-2.0	-71.5	222.4	-61.2	-87.2

116	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-44.7	-12.9	-73.8	190.0	-70.0	34.5
117	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-48.6	-18.0	-71.1	130.3	-68.1	79.0
118	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-58.6	-21.5	-66.8	45.8	-59.9	101.0
119	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-70.6	-24.2	-59.8	-102.0	-54.3	92.5
120	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-76.9	-23.1	-55.9	-199.3	-50.0	56.8
121	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-78.6	-16.2	-57.4	-259.2	-51.2	12.2
122	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-25.4	26.0	-65.6	313.9	-22.1	-186.4
123	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-18.9	56.1	-46.5	182.0	8.3	-189.1
124	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-23.9	-3.7	-59.8	332.2	-55.5	-96.6
125	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.2	-16.5	-57.2	270.0	-63.1	45.8
126	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-53.3	-22.6	-60.1	171.0	-62.3	97.0
127	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.0	-25.1	-57.9	54.2	-56.5	117.4
128	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-82.5	-27.6	-54.3	-124.7	-56.9	106.0
129	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-89.5	-26.4	-51.5	-254.0	-60.3	65.4
130	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-90.9	-19.0	-53.4	-341.9	-67.7	13.8
131	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-13.8	36.7	-50.5	475.7	14.0	-302.0
132	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-16.0	85.6	-44.6	405.7	38.5	-252.3
133	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-23.1	-9.6	-45.8	483.3	-36.7	-104.8
134	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-56.7	-24.4	-46.6	346.1	-49.1	65.0
135	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-77.3	-26.9	-44.7	199.2	-48.4	115.6
136	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-83.9	-25.0	-46.0	59.3	-48.6	134.0
137	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-102.3	-28.3	-48.1	-156.3	-60.6	120.5
138	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-127.2	-27.6	-46.7	-325.4	-75.6	76.3
139	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-109.3	-23.1	-49.5	-449.2	-89.3	16.5
140	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-20.9	17.9	-41.7	893.3	138.9	-501.2
141	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-10.9	121.7	-46.3	724.4	121.4	-378.0
142	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	10.8	-45.4	45.9	608.2	46.8	-112.4
143	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-78.3	-22.0	-2.4	468.7	16.8	97.2
144	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-106.7	-23.6	-27.3	231.0	-23.7	135.5
145	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-110.0	-19.1	-32.5	58.6	-35.9	147.2
146	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-131.2	-24.9	-42.5	-191.9	-63.2	131.9
147	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-166.6	-24.5	-43.6	-409.0	-94.6	89.4
148	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-164.3	-29.1	-41.9	-583.9	-116.9	21.5
149	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.5	-196.7	155.2	2329.1	772.4	-1186.1
150	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	467.1	93.8	-138.1	-2130.1	-633.0	766.8
151	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-137.8	-17.2	41.8	890.7	146.4	4.9
152	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-137.5	-4.9	18.0	521.2	36.0	148.4
153	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-143.2	-1.5	5.2	263.6	9.6	177.7
154	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-155.6	2.83e-02	-3.2	50.4	-10.0	181.4
155	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-204.7	-4.9	-16.8	-231.4	-41.7	157.0
156	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-175.2	-28.1	-42.3	-482.8	-98.1	93.4
157	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-234.6	-38.2	-39.5	-765.2	-163.1	38.8
158	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-262.2	-16.0	34.2	491.2	-634.1	777.6
159	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-214.8	-2.7	1.6	898.3	6.3	84.1
160	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-162.1	-0.4	-3.7	530.9	9.5	98.0
161	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-156.0	-5.14e-02	-6.4	263.5	3.5	115.5
162	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-162.6	-0.3	-9.1	38.3	1.8	115.7
163	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-207.9	-9.6	-18.5	-266.0	-6.5	101.7
164	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-242.6	-13.6	-32.8	-538.1	23.5	63.8

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.0	0.0	0.0	8.04	8.04	4.52	4.52	-715.47	-206.65	-179.32	-2130.13	-634.15	-3351.76
								467.13	210.24	337.72	6834.42	1790.20	777.64

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
35	ok	0.95						
36	ok	2.12						
37	ok	0.78						
38	ok Av	5.04	0.01	0.23	0.3	5.7	4.2	78.5
70	ok	1.07						
71	ok	0.96						
72	ok	2.20						
73	ok	0.16						
74	ok	0.16						
75	ok	0.13						
76	ok	0.12						
77	ok	0.11						
78	ok	0.11						
79	ok	0.07						
80	ok	0.07						
81	ok	0.15						
82	ok	0.21						
83	ok	1.01						
84	ok	1.03						

85	ok	0.95							
86	ok	0.23							
87	ok	0.94							
88	ok	0.15							
89	ok	0.10							
90	ok	0.07							
91	ok	0.14							
92	ok	0.22							
93	ok	0.24							
94	ok	0.16							
95	ok	0.12							
96	ok	0.24							
97	ok	0.08							
98	ok	0.08							
99	ok	0.08							
100	ok	0.18							
101	ok	0.18							
102	ok	0.18							
103	ok	0.18							
104	ok	0.15							
105	ok	0.27							
106	ok	0.12							
107	ok	0.11							
108	ok	0.10							
109	ok	0.22							
110	ok	0.22							
111	ok	0.22							
112	ok	0.22							
113	ok	0.22							
114	ok	0.35							
115	ok	0.18							
116	ok	0.16							
117	ok	0.25							
118	ok	0.27							
119	ok	0.27							
120	ok	0.26							
121	ok	0.27							
122	ok	0.31							
123	ok	0.45							
124	ok	0.26							
125	ok	0.24							
126	ok	0.31							
127	ok	0.31							
128	ok	0.32							
129	ok	0.32							
130	ok	0.32							
131	ok	0.40							
132	ok	0.49							
133	ok	0.40							
134	ok	0.36							
135	ok	0.36							
136	ok	0.36							
137	ok	0.38							
138	ok	0.42							
139	ok	0.40							
140	ok	0.84							
141	ok	1.08							
142	ok	0.68							
143	ok	0.46							
144	ok	0.41							
145	ok	0.39							
146	ok	0.45							
147	ok	0.56							
148	ok	0.56							
149	ok	4.25							
150	ok Av	4.99	0.01	0.23	0.3	5.7	4.2	77.8	
151	ok	1.26							
152	ok	0.76							
153	ok	0.57							
154	ok	0.51							
155	ok	0.56							
156	ok	0.78							
157	ok	0.78							
158	ok	4.34							
159	ok	1.27							
160	ok	0.76							
161	ok	0.57							

162	ok	0.51
163	ok	0.56
164	ok	0.78

<b>Nodo</b>	<b>Max tau</b> 5.04	<b>Ver V pr</b> 0.01	<b>Ver V sec</b> 0.23	<b>Af V pr</b> 0.31	<b>Af V sec</b> 5.72	<b>V pr</b> 4.22	<b>V sec</b> 78.54
-------------	------------------------	-------------------------	--------------------------	------------------------	-------------------------	---------------------	-----------------------

Parete ND	H totale	Spessore	L totale	Verif. N-M	Verif. V	Prog. composta
	cm	cm	cm			
2	410.00	20.00	400.12	ok	ok	SI

Quota cm	Af std	Af V (ori)	Ver. N/M	Ver. V cls	Ver. V acc
0.0	1+1d16/25	1+1d12/25	0.49	0.12	0.07
42.5	1+1d16/25	1+1d12/25	0.46	0.12	0.07
43.4	1+1d16/25	1+1d12/25	0.44	0.11	0.06
44.2	1+1d16/25	1+1d12/25	0.43	0.11	0.06
45.1	1+1d16/25	1+1d12/25	0.43	0.11	0.06
46.0	1+1d16/25	1+1d12/25	0.42	0.12	0.07
46.9	1+1d16/25	1+1d12/25	0.42	0.12	0.07
47.8	1+1d16/25	1+1d12/25	0.41	0.12	0.07
48.6	1+1d16/25	1+1d12/25	0.41	0.12	0.07
49.5	1+1d16/25	1+1d12/25	0.40	0.13	0.07
50.4	1+1d16/25	1+1d12/25	0.40	0.12	0.07
51.2	1+1d16/25	1+1d12/25	0.39	0.12	0.07
85.0	1+1d16/25	1+1d12/25	0.37	0.12	0.07
86.8	1+1d16/25	1+1d12/25	0.35	0.12	0.07
88.5	1+1d16/25	1+1d12/25	0.34	0.12	0.06
90.2	1+1d16/25	1+1d12/25	0.33	0.12	0.07
92.0	1+1d16/25	1+1d12/25	0.33	0.12	0.07
93.8	1+1d16/25	1+1d12/25	0.32	0.12	0.07
95.5	1+1d16/25	1+1d12/25	0.32	0.12	0.07
97.2	1+1d16/25	1+1d12/25	0.32	0.12	0.07
99.0	1+1d16/25	1+1d12/25	0.31	0.12	0.07
100.8	1+1d16/25	1+1d12/25	0.30	0.12	0.07
102.5	1+1d16/25	1+1d12/25	0.29	0.12	0.07
127.5	1+1d16/25	1+1d12/25	0.28	0.12	0.07
130.1	1+1d16/25	1+1d12/25	0.27	0.12	0.07
132.8	1+1d16/25	1+1d12/25	0.26	0.12	0.07
135.4	1+1d16/25	1+1d12/25	0.25	0.12	0.07
138.0	1+1d16/25	1+1d12/25	0.24	0.12	0.07
140.6	1+1d16/25	1+1d12/25	0.24	0.12	0.07
143.2	1+1d16/25	1+1d12/25	0.24	0.12	0.07
145.9	1+1d16/25	1+1d12/25	0.23	0.12	0.07
148.5	1+1d16/25	1+1d12/25	0.23	0.12	0.07
151.1	1+1d16/25	1+1d12/25	0.22	0.12	0.07
153.8	1+1d16/25	1+1d12/25	0.21	0.12	0.07
170.0	1+1d16/25	1+1d12/25	0.20	0.12	0.07
173.5	1+1d16/25	1+1d12/25	0.19	0.12	0.07
177.0	1+1d16/25	1+1d12/25	0.18	0.12	0.07
180.5	1+1d16/25	1+1d12/25	0.18	0.12	0.07
184.0	1+1d16/25	1+1d12/25	0.17	0.12	0.07
187.5	1+1d16/25	1+1d12/25	0.17	0.12	0.07
191.0	1+1d16/25	1+1d12/25	0.18	0.12	0.07
194.5	1+1d16/25	1+1d12/25	0.18	0.12	0.07
198.0	1+1d16/25	1+1d12/25	0.18	0.12	0.07
201.5	1+1d16/25	1+1d12/25	0.18	0.12	0.07
205.0	1+1d16/25	1+1d12/25	0.18	0.12	0.07
212.5	1+1d16/25	1+1d12/25	0.18	0.12	0.07
216.9	1+1d16/25	1+1d12/25	0.18	0.12	0.07
221.2	1+1d16/25	1+1d12/25	0.18	0.12	0.06
225.6	1+1d16/25	1+1d12/25	0.18	0.12	0.07
230.0	1+1d16/25	1+1d12/25	0.18	0.12	0.07
234.4	1+1d16/25	1+1d12/25	0.19	0.12	0.07
238.8	1+1d16/25	1+1d12/25	0.19	0.12	0.07
243.1	1+1d16/25	1+1d12/25	0.20	0.12	0.07
247.5	1+1d16/25	1+1d12/25	0.20	0.12	0.07
251.9	1+1d16/25	1+1d12/25	0.20	0.12	0.07
255.0	1+1d16/25	1+1d12/25	0.20	0.12	0.07
256.2	1+1d16/25	1+1d12/25	0.20	0.12	0.07
260.2	1+1d16/25	1+1d12/25	0.20	0.12	0.07

265.5	1+1d16/25	1+1d12/25	0.21	0.12	0.07
270.8	1+1d16/25	1+1d12/25	0.21	0.12	0.07
276.0	1+1d16/25	1+1d12/25	0.22	0.12	0.07
281.2	1+1d16/25	1+1d12/25	0.22	0.11	0.06
286.5	1+1d16/25	1+1d12/25	0.22	0.11	0.06
291.8	1+1d16/25	1+1d12/25	0.23	0.11	0.06
297.0	1+1d16/25	1+1d12/25	0.23	0.12	0.07
297.5	1+1d16/25	1+1d12/25	0.23	0.12	0.07
302.2	1+1d16/25	1+1d12/25	0.25	0.13	0.07
303.6	1+1d16/25	1+1d12/25	0.27	0.13	0.07
307.5	1+1d16/25	1+1d12/25	0.26	0.12	0.07
309.8	1+1d16/25	1+1d12/25	0.26	0.12	0.07
315.9	1+1d16/25	1+1d12/25	0.26	0.11	0.06
322.0	1+1d16/25	1+1d12/25	0.26	0.10	0.06
328.1	1+1d16/25	1+1d12/25	0.26	0.09	0.05
334.2	1+1d16/25	1+1d12/25	0.27	0.09	0.05
340.0	1+1d16/25	1+1d12/25	0.27	0.08	0.05
340.4	1+1d16/25	1+1d12/25	0.25	0.09	0.05
346.5	1+1d16/25	1+1d12/25	0.17	0.11	0.06
347.0	1+1d16/25	1+1d12/25	0.18	0.11	0.06
352.6	1+1d16/25	1+1d12/25	0.17	0.13	0.07
354.0	1+1d16/25	1+1d12/25	0.21	0.15	0.08
358.8	1+1d16/25	1+1d12/25	0.18	0.16	0.09
361.0	1+1d16/25	1+1d12/25	0.18	0.16	0.09
368.0	1+1d16/25	1+1d12/25	0.22	0.19	0.10
375.0	1+1d16/25	1+1d12/25	0.28	0.22	0.12
382.0	1+1d16/25	1+1d12/25	0.36	0.25	0.14
389.0	1+1d16/25	1+1d12/25	0.50	0.31	0.18
396.0	1+1d16/25	1+1d12/25	0.52	0.28	0.16
403.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0
410.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0

Quota

Ver. N/M  
0.52

Ver. V cls  
0.31

Ver. V acc  
0.18

Quota	N v.M/N	M v.M/N	Mo v.M/N	N v.Vcls	V v.Vcls	V v.Vacc	Ctg Vcls	Vrcl Vcls	Ctg Vac	Vrsl Vac
cm	daN	daN cm	daN cm	daN	daN	daN		daN		daN
0.0	-1.910e+04	7.697e+06	6.003e+05	-1.907e+04	1.825e+04	1.825e+04	2.50	1.534e+05	2.50	2.742e+05
42.5	-1.910e+04	7.694e+06	5.312e+05	-1.907e+04	1.827e+04	1.827e+04	2.50	1.534e+05	2.50	2.742e+05
43.4	-2.091e+04	7.367e+06	5.200e+05	-2.091e+04	1.738e+04	1.738e+04	2.50	1.536e+05	2.50	2.742e+05
44.2	-2.106e+04	7.346e+06	5.069e+05	-2.106e+04	1.739e+04	1.739e+04	2.50	1.537e+05	2.50	2.742e+05
45.1	-2.109e+04	7.342e+06	4.944e+05	-2.110e+04	1.767e+04	1.767e+04	2.50	1.537e+05	2.50	2.742e+05
46.0	-2.104e+04	7.345e+06	4.828e+05	-2.104e+04	1.804e+04	1.804e+04	2.50	1.537e+05	2.50	2.742e+05
46.9	-2.090e+04	7.348e+06	4.729e+05	-2.091e+04	1.843e+04	1.843e+04	2.50	1.536e+05	2.50	2.742e+05
47.8	-2.070e+04	7.343e+06	4.631e+05	-2.070e+04	1.880e+04	1.880e+04	2.50	1.536e+05	2.50	2.742e+05
48.6	-2.045e+04	7.328e+06	4.524e+05	-2.045e+04	1.910e+04	1.910e+04	2.50	1.536e+05	2.50	2.742e+05
49.5	-2.016e+04	7.298e+06	4.421e+05	-2.016e+04	1.927e+04	1.927e+04	2.50	1.535e+05	2.50	2.742e+05
50.4	-1.976e+04	7.243e+06	4.339e+05	-1.975e+04	1.913e+04	1.913e+04	2.50	1.535e+05	2.50	2.742e+05
51.2	-1.776e+04	6.884e+06	4.297e+05	-1.773e+04	1.823e+04	1.823e+04	2.50	1.532e+05	2.50	2.742e+05
85.0	-1.776e+04	6.883e+06	3.766e+05	-1.773e+04	1.823e+04	1.823e+04	2.50	1.532e+05	2.50	2.742e+05
86.8	-1.908e+04	6.646e+06	3.631e+05	-1.907e+04	1.805e+04	1.805e+04	2.50	1.534e+05	2.50	2.742e+05
88.5	-1.982e+04	6.542e+06	3.506e+05	-1.982e+04	1.780e+04	1.780e+04	2.50	1.535e+05	2.50	2.742e+05
90.2	-2.007e+04	6.517e+06	3.380e+05	-2.007e+04	1.788e+04	1.788e+04	2.50	1.535e+05	2.50	2.742e+05
92.0	-2.011e+04	6.513e+06	3.263e+05	-2.011e+04	1.815e+04	1.815e+04	2.50	1.535e+05	2.50	2.742e+05
93.8	-1.997e+04	6.515e+06	3.146e+05	-1.997e+04	1.848e+04	1.848e+04	2.50	1.535e+05	2.50	2.742e+05
95.5	-1.968e+04	6.509e+06	3.025e+05	-1.968e+04	1.876e+04	1.876e+04	2.50	1.535e+05	2.50	2.742e+05
97.2	-1.925e+04	6.483e+06	2.909e+05	-1.925e+04	1.889e+04	1.889e+04	2.50	1.534e+05	2.50	2.742e+05
99.0	-1.869e+04	6.426e+06	2.803e+05	-1.868e+04	1.878e+04	1.878e+04	2.50	1.533e+05	2.50	2.742e+05
100.8	-1.774e+04	6.293e+06	2.705e+05	-1.772e+04	1.838e+04	1.838e+04	2.50	1.532e+05	2.50	2.742e+05
102.5	-1.643e+04	6.057e+06	2.602e+05	-1.640e+04	1.818e+04	1.818e+04	2.50	1.530e+05	2.50	2.742e+05
127.5	-1.643e+04	6.059e+06	2.214e+05	-1.640e+04	1.816e+04	1.816e+04	2.50	1.530e+05	2.50	2.742e+05
130.1	-1.756e+04	5.857e+06	2.083e+05	-1.754e+04	1.809e+04	1.809e+04	2.50	1.532e+05	2.50	2.742e+05
132.8	-1.841e+04	5.738e+06	1.957e+05	-1.840e+04	1.799e+04	1.799e+04	2.50	1.533e+05	2.50	2.742e+05
135.4	-1.893e+04	5.685e+06	1.834e+05	-1.893e+04	1.803e+04	1.803e+04	2.50	1.534e+05	2.50	2.742e+05
138.0	-1.911e+04	5.674e+06	1.706e+05	-1.911e+04	1.825e+04	1.825e+04	2.50	1.534e+05	2.50	2.742e+05
140.6	-1.897e+04	5.675e+06	1.575e+05	-1.897e+04	1.853e+04	1.853e+04	2.50	1.534e+05	2.50	2.742e+05
143.2	-1.855e+04	5.666e+06	1.449e+05	-1.854e+04	1.875e+04	1.875e+04	2.50	1.533e+05	2.50	2.742e+05
145.9	-1.787e+04	5.624e+06	1.328e+05	-1.786e+04	1.879e+04	1.879e+04	2.50	1.532e+05	2.50	2.742e+05
148.5	-1.700e+04	5.537e+06	1.210e+05	-1.698e+04	1.859e+04	1.859e+04	2.50	1.531e+05	2.50	2.742e+05
151.1	-1.604e+04	5.404e+06	1.093e+05	-1.601e+04	1.827e+04	1.827e+04	2.50	1.530e+05	2.50	2.742e+05
153.8	-1.511e+04	5.235e+06	9.737e+04	-1.507e+04	1.810e+04	1.810e+04	2.50	1.529e+05	2.50	2.742e+05
170.0	-1.511e+04	5.240e+06	7.243e+04	-1.507e+04	1.807e+04	1.807e+04	2.50	1.529e+05	2.50	2.742e+05
173.5	-1.613e+04	5.057e+06	5.724e+04	-1.611e+04	1.798e+04	1.798e+04	2.50	1.530e+05	2.50	2.742e+05
177.0	-1.708e+04	4.925e+06	4.255e+04	-1.707e+04	1.791e+04	1.791e+04	2.50	1.531e+05	2.50	2.742e+05
180.5	-1.779e+04	4.853e+06	2.820e+04	-1.779e+04	1.801e+04	1.801e+04	2.50	1.532e+05	2.50	2.742e+05

184.0	-1.809e+04	4.877e+06	7817.17	-1.809e+04	1.825e+04	1.825e+04	2.50	1.533e+05	2.50	2.742e+05
187.5	-1.795e+04	4.879e+06	4495.71	-1.795e+04	1.852e+04	1.852e+04	2.50	1.533e+05	2.50	2.742e+05
191.0	-1.735e+04	4.866e+06	1.632e+04	-1.735e+04	1.875e+04	1.875e+04	2.50	1.532e+05	2.50	2.742e+05
194.5	-1.640e+04	4.808e+06	2.793e+04	-1.640e+04	1.883e+04	1.883e+04	2.50	1.530e+05	2.50	2.742e+05
198.0	-1.525e+04	4.693e+06	4.214e+04	-1.525e+04	1.867e+04	1.867e+04	2.50	1.529e+05	2.50	2.742e+05
201.5	-1.424e+04	4.553e+06	5.853e+04	-1.424e+04	1.829e+04	1.829e+04	2.50	1.528e+05	2.50	2.742e+05
205.0	-1.371e+04	4.458e+06	7.439e+04	-1.371e+04	1.803e+04	1.803e+04	2.50	1.527e+05	2.50	2.742e+05
212.5	-1.371e+04	4.463e+06	8.597e+04	-1.371e+04	1.801e+04	1.801e+04	2.50	1.527e+05	2.50	2.742e+05
216.9	-1.462e+04	4.301e+06	1.012e+05	-1.462e+04	1.782e+04	1.782e+04	2.50	1.528e+05	2.50	2.742e+05
221.2	-1.580e+04	4.138e+06	1.174e+05	-1.580e+04	1.778e+04	1.778e+04	2.50	1.530e+05	2.50	2.742e+05
225.6	-1.668e+04	4.051e+06	1.328e+05	-1.668e+04	1.800e+04	1.800e+04	2.50	1.531e+05	2.50	2.742e+05
230.0	-1.700e+04	4.032e+06	1.459e+05	-1.700e+04	1.817e+04	1.817e+04	2.50	1.531e+05	2.50	2.742e+05
234.4	-1.686e+04	4.035e+06	1.584e+05	-1.686e+04	1.829e+04	1.829e+04	2.50	1.531e+05	2.50	2.742e+05
238.8	-1.628e+04	4.023e+06	1.704e+05	-1.628e+04	1.846e+04	1.846e+04	2.50	1.530e+05	2.50	2.742e+05
243.1	-1.517e+04	3.956e+06	1.826e+05	-1.517e+04	1.872e+04	1.872e+04	2.50	1.529e+05	2.50	2.742e+05
247.5	-1.362e+04	3.802e+06	1.925e+05	-1.362e+04	1.889e+04	1.889e+04	2.50	1.527e+05	2.50	2.742e+05
251.9	-1.232e+04	3.620e+06	2.002e+05	-1.232e+04	1.859e+04	1.859e+04	2.50	1.525e+05	2.50	2.742e+05
255.0	-1.235e+04	3.627e+06	2.060e+05	-1.235e+04	1.823e+04	1.823e+04	2.50	1.525e+05	2.50	2.742e+05
256.2	-1.247e+04	3.598e+06	2.101e+05	-1.247e+04	1.796e+04	1.796e+04	2.50	1.525e+05	2.50	2.742e+05
260.2	-1.330e+04	3.457e+06	2.253e+05	-1.330e+04	1.805e+04	1.805e+04	2.50	1.526e+05	2.50	2.742e+05
265.5	-1.469e+04	3.267e+06	2.472e+05	-1.469e+04	1.839e+04	1.839e+04	2.50	1.528e+05	2.50	2.742e+05
270.8	-1.537e+04	3.202e+06	2.585e+05	-1.537e+04	1.836e+04	1.836e+04	2.50	1.529e+05	2.50	2.742e+05
276.0	-1.558e+04	3.193e+06	2.678e+05	-1.558e+04	1.790e+04	1.790e+04	2.50	1.529e+05	2.50	2.742e+05
281.2	-1.559e+04	3.196e+06	2.761e+05	-1.559e+04	1.744e+04	1.744e+04	2.50	1.529e+05	2.50	2.742e+05
286.5	-1.533e+04	3.193e+06	2.842e+05	-1.533e+04	1.723e+04	1.723e+04	2.50	1.529e+05	2.50	2.742e+05
291.8	-1.460e+04	3.149e+06	2.922e+05	-1.460e+04	1.752e+04	1.752e+04	2.50	1.528e+05	2.50	2.742e+05
297.0	-1.298e+04	2.985e+06	3.008e+05	-1.298e+04	1.844e+04	1.844e+04	2.50	1.526e+05	2.50	2.742e+05
297.5	-1.277e+04	2.960e+06	3.020e+05	-1.350e+04	1.852e+04	1.852e+04	2.50	1.527e+05	2.50	2.742e+05
302.2	-1.144e+04	2.482e+06	3.535e+05	-1.484e+04	2.015e+04	2.015e+04	2.50	1.528e+05	2.50	2.742e+05
303.6	-1.205e+04	2.484e+06	3.910e+05	-1.469e+04	1.951e+04	1.951e+04	2.50	1.528e+05	2.50	2.742e+05
307.5	-1.246e+04	2.406e+06	3.745e+05	-1.227e+04	1.860e+04	1.860e+04	2.50	1.525e+05	2.50	2.742e+05
309.8	-1.327e+04	2.307e+06	3.793e+05	-1.196e+04	1.828e+04	1.828e+04	2.50	1.525e+05	2.50	2.742e+05
315.9	-1.338e+04	2.314e+06	3.804e+05	-1.140e+04	1.690e+04	1.690e+04	2.50	1.524e+05	2.50	2.742e+05
322.0	-1.376e+04	2.308e+06	3.839e+05	-1.079e+04	1.544e+04	1.544e+04	2.50	1.523e+05	2.50	2.742e+05
328.1	-1.413e+04	2.318e+06	3.887e+05	-1.023e+04	1.412e+04	1.412e+04	2.50	1.522e+05	2.50	2.742e+05
334.2	-1.448e+04	2.341e+06	3.937e+05	-9746.97	1.310e+04	1.310e+04	2.50	1.522e+05	2.50	2.742e+05
340.0	-1.471e+04	2.367e+06	3.979e+05	-9411.30	1.264e+04	1.264e+04	2.50	1.521e+05	2.50	2.742e+05
340.4	-1.449e+04	2.398e+06	3.628e+05	-8941.35	1.292e+04	1.292e+04	2.50	1.516e+05	2.50	2.734e+05
346.5	-1.370e+04	2.253e+06	1.738e+05	-4680.37	1.475e+04	1.475e+04	2.50	1.345e+05	2.50	2.433e+05
347.0	-1.389e+04	2.191e+06	1.915e+05	-4870.43	1.489e+04	1.489e+04	2.50	1.340e+05	2.50	2.423e+05
352.6	-9895.20	2.034e+06	1.681e+05	-5261.11	1.625e+04	1.625e+04	2.50	1.278e+05	2.50	2.309e+05
354.0	-9809.90	1.964e+06	1.969e+05	-6701.43	1.736e+04	1.736e+04	2.50	1.167e+05	2.50	2.105e+05
358.8	-8045.05	1.575e+06	1.535e+05	-7976.08	1.805e+04	1.805e+04	2.50	1.116e+05	2.50	2.009e+05
361.0	-8116.17	1.501e+06	1.573e+05	-8048.82	1.790e+04	1.790e+04	2.50	1.091e+05	2.50	1.963e+05
368.0	-8303.37	1.281e+06	1.679e+05	-8242.05	1.711e+04	1.711e+04	2.50	9.161e+04	2.50	1.645e+05
375.0	-8601.85	1.054e+06	1.782e+05	-8547.96	1.597e+04	1.597e+04	2.50	7.410e+04	2.50	1.327e+05
382.0	-9016.58	8.214e+05	1.877e+05	-8972.08	1.437e+04	1.437e+04	2.50	5.658e+04	2.50	1.008e+05
389.0	-9630.70	5.801e+05	1.960e+05	-9598.93	1.214e+04	1.214e+04	2.50	3.903e+04	2.50	6.898e+04
396.0	-9861.57	3.070e+05	2.017e+05	-1.051e+04	8857.30	8857.30	2.50	3.158e+04	2.50	5.483e+04
403.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
410.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+Af	sec-Af	sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
3	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-281.4	-70.1	-46.9	418.4	133.2	-4.5
4	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-101.4	-330.9	121.7	1.505e+04	1617.1	-7996.9
7	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-359.7	-78.3	50.8	-1308.9	-207.4	101.3
8	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-593.3	628.2	-139.1	1.699e+04	1252.8	7009.1
165	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-436.4	-335.5	129.0	-700.5	-845.9	-2781.8
166	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-193.7	-129.8	-81.9	4915.2	614.4	1679.7
167	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	46.5	757.6	327.7	-5392.7	-1252.3	256.5
168	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-307.1	-13.1	-16.0	831.3	-204.4	-128.1
169	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-298.9	-21.3	-81.7	1190.2	293.4	153.4
170	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-266.4	-17.4	-13.4	601.4	-0.8	-48.8
171	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-246.7	-6.9	-32.1	497.5	50.9	-98.2
172	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-242.3	-8.8	-1.9	255.8	14.5	-55.5
173	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-231.6	-0.4	-10.2	232.1	1.7	-117.1
174	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-266.6	-6.6	8.9	-395.6	-23.1	-40.3
175	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-260.4	0.2	5.5	-402.7	-52.3	-90.0
176	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-293.0	-9.4	13.9	-787.3	-28.6	-16.6
177	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-290.0	-1.9	14.0	-747.2	-65.8	-55.9
178	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-336.6	-10.7	32.0	-1019.1	21.7	40.4
179	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-246.4	-28.2	42.4	-1080.4	-172.3	-1.9
180	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-331.7	-55.5	43.6	-1370.2	-281.2	6.7
181	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	1.7	-1.1	69.5	1154.5	-115.1	688.4

182	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	19.2	367.4	101.4	478.9	233.6	758.2
183	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-112.1	-27.9	-23.6	645.7	-75.2	9.3
184	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-106.7	-35.7	13.4	428.8	-67.4	-34.0
185	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-158.9	-9.7	-1.0	237.1	-32.5	-55.3
186	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-158.5	-21.7	36.5	-405.9	-119.8	-27.2
187	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-172.3	-21.9	43.6	-754.6	-162.3	-15.5
188	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-178.8	-31.2	42.1	-1140.1	-233.6	-22.9
189	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-235.6	-40.4	43.0	-1344.6	-269.0	2.6
190	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	24.5	89.2	85.0	518.5	-92.8	365.4
191	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	19.9	251.5	74.3	197.2	169.5	402.1
192	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	11.1	-19.3	60.7	543.7	-52.5	81.0
193	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-43.4	-0.2	-81.0	224.0	-114.5	-181.1
194	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-81.4	-31.7	45.7	-77.8	-137.4	-12.3
195	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-102.5	-26.0	49.0	-418.6	-163.4	-2.6
196	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-115.2	-24.2	49.2	-783.1	-200.4	-3.2
197	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-121.7	-27.4	43.1	-1162.0	-246.8	-11.3
198	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-169.2	-28.5	42.0	-1316.2	-261.9	5.4
199	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	20.5	93.3	70.2	324.8	-10.9	204.9
200	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	15.0	166.8	57.4	116.7	151.1	234.4
201	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-31.1	-21.3	-82.7	267.8	-151.6	-138.5
202	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-31.8	-6.2	-80.8	353.8	-74.4	-166.0
203	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.3	0.9	-80.2	233.4	-71.2	-158.6
204	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-54.3	-24.5	59.7	-439.1	-193.8	26.9
205	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.9	-21.2	54.2	-811.3	-220.3	22.7
206	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-71.2	-20.3	45.0	-1185.6	-255.1	8.4
207	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-113.7	-18.2	43.2	-1313.6	-261.0	8.7
208	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	24.5	62.9	83.8	272.0	12.8	58.8
209	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	14.7	169.2	57.2	61.9	131.9	130.0
210	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-27.5	-21.8	-74.2	244.5	-164.3	-157.6
211	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-42.0	-10.5	-79.1	356.4	-88.9	-149.8
212	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-50.7	-6.6	-73.1	405.6	-47.5	-135.0
213	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-46.8	-17.9	65.5	-459.2	-205.3	62.3
214	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-57.6	-13.7	58.3	-842.5	-229.3	54.9
215	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.2	-12.0	49.3	-1222.0	-262.8	30.4
216	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.5	-8.9	45.1	-1341.1	-266.5	12.7
217	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	21.3	-9.9	76.5	260.0	25.8	-77.8
218	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	11.6	93.6	46.1	28.5	152.8	14.6
219	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-32.5	-16.1	-73.9	268.5	-170.5	-168.4
220	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-55.1	-15.3	-68.2	385.2	-90.8	-130.8
221	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-73.6	-11.5	-64.3	432.4	-48.8	-104.0
222	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-52.6	-9.8	-61.2	477.6	12.0	-78.4
223	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-56.2	-10.9	-55.0	533.1	63.8	-52.3
224	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-99.1	-14.3	-50.3	606.7	108.9	-24.0
225	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-58.7	-15.7	-50.7	480.4	97.7	-11.3
226	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	19.8	-17.6	80.1	373.7	51.5	-215.6
227	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-4.5	85.2	-26.7	-169.0	-99.9	-92.9
228	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	9.8	-16.0	79.8	527.3	-132.3	-109.3
229	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-76.7	-19.1	-47.5	436.4	-85.8	-109.0
230	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-102.8	-12.3	-48.8	468.6	-39.1	-65.4
231	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-83.9	-13.1	-57.3	503.8	27.4	-44.2
232	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-90.4	-15.7	-53.7	564.0	77.2	-26.9
233	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-139.6	-19.5	-49.4	645.3	119.0	-7.5
234	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-93.6	-22.9	-51.1	497.9	100.8	-9.1
235	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.1	-50.7	57.5	817.2	122.0	-817.1
236	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	22.1	-143.5	17.8	-645.7	234.5	-119.2
237	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	3.8	-20.6	66.0	900.9	-41.5	-69.4
238	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-111.0	-14.1	-21.9	518.6	-52.9	-65.8
239	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-138.0	-8.0	-29.2	500.7	-13.0	-35.7
240	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-119.6	-13.6	-49.7	526.8	43.6	-13.8
241	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-129.4	-17.7	-50.9	579.3	85.5	-1.1
242	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-134.1	-27.3	-46.0	679.6	130.4	4.2
243	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-133.4	-31.7	-50.8	491.5	98.8	-7.0
244	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	19.9	-67.0	58.0	4121.7	561.1	-2189.2
245	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	83.7	-256.7	-81.8	-6738.7	-405.8	415.3
246	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-9.0	-6.7	65.4	1217.6	-0.9	177.4
247	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-116.4	-17.1	-24.2	559.8	13.0	-30.1
248	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-136.8	-12.4	-30.9	529.4	33.2	-16.1
249	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-157.9	-11.8	-36.3	555.0	53.6	-1.9
250	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-178.4	-15.2	-44.5	596.7	80.3	21.9
251	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-185.4	-29.8	-45.9	694.5	133.4	19.8
252	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-184.8	-43.8	-50.7	449.0	91.1	-0.4
253	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-46.2	-28.1	-51.9	1718.9	266.0	1913.9
254	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-106.3	30.8	-13.0	596.6	144.4	-74.3
255	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-146.0	-11.1	-11.0	579.4	18.1	-42.1
256	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-165.7	-9.1	-13.0	545.3	38.3	-44.5
257	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-192.1	-9.4	-14.8	568.9	48.0	-27.7
258	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-226.0	-13.0	-19.4	647.2	75.8	-3.8

259	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-274.5	-20.0	-40.6	623.0	112.3	97.7
Nodo														
	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo	
	0.0	0.0	0.0	8.04	8.04	4.52	4.52	-593.31 83.65	-335.49 757.65	-139.09 327.73	-6738.75 1.699e+04	-1252.29 1617.06	-7996.92 7009.10	

<b>Nodo</b>	<b>Stato</b>	<b>Max tau daN/cm2</b>	<b>Ver V pr</b>	<b>Ver V sec</b>	<b>Af V pr</b>	<b>Af V sec</b>	<b>V pr daN/cm</b>	<b>V sec daN/cm</b>
3	ok	0.82						
4	ok Av	12.15	0.16	0.53	3.9	13.2	53.9	181.7
7	ok	0.57						
8	ok Av	14.54	0.08	0.66	2.1	16.4	28.3	225.0
165	ok Av	11.96	0.08	0.54	2.1	13.5	28.3	186.0
166	ok Av	12.59	0.08	0.57	2.1	14.3	28.3	195.9
167	ok Av	13.83	0.08	0.63	2.1	15.6	28.3	213.9
168	ok	1.76						
169	ok	1.85						
170	ok	0.59						
171	ok	0.59						
172	ok	0.39						
173	ok	0.46						
174	ok	0.36						
175	ok	0.48						
176	ok	0.34						
177	ok	0.50						
178	ok	0.63						
179	ok	0.68						
180	ok	0.67						
181	ok	2.29						
182	ok	3.23						
183	ok	0.83						
184	ok	0.48						
185	ok	0.46						
186	ok	0.48						
187	ok	0.50						
188	ok	0.68						
189	ok	0.67						
190	ok	0.87						
191	ok	1.57						
192	ok	0.38						
193	ok	0.39						
194	ok	0.43						
195	ok	0.48						
196	ok	0.50						
197	ok	0.53						
198	ok	0.54						
199	ok	0.56						
200	ok	1.10						
201	ok	0.24						
202	ok	0.36						
203	ok	0.43						
204	ok	0.49						
205	ok	0.51						
206	ok	0.51						
207	ok	0.49						
208	ok	0.32						
209	ok	0.71						
210	ok	0.22						
211	ok	0.35						
212	ok	0.46						
213	ok	0.51						
214	ok	0.53						
215	ok	0.54						
216	ok	0.51						
217	ok	0.22						
218	ok	0.41						
219	ok	0.26						
220	ok	0.43						
221	ok	0.50						
222	ok	0.55						
223	ok	0.58						
224	ok	0.59						
225	ok	0.57						
226	ok	0.42						
227	ok	0.49						

228	ok	0.52						
229	ok	0.56						
230	ok	0.57						
231	ok	0.61						
232	ok	0.67						
233	ok	0.70						
234	ok	0.68						
235	ok	1.62						
236	ok	1.32						
237	ok	1.15						
238	ok	0.61						
239	ok	0.57						
240	ok	0.61						
241	ok	0.67						
242	ok	0.97						
243	ok	0.97						
244	ok Av	11.01	0.16	0.50	3.9	12.5	53.9	171.6
245	ok Av	13.28	0.16	0.59	3.9	14.6	53.9	200.1
246	ok	1.56						
247	ok	1.21						
248	ok	0.98						
249	ok	0.91						
250	ok	0.88						
251	ok	0.97						
252	ok	0.97						
253	ok Av	12.05	0.16	0.55	3.9	13.7	53.9	187.8
254	ok	1.60						
255	ok	1.24						
256	ok	0.98						
257	ok	0.92						
258	ok	0.88						
259	ok	0.90						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	14.54	0.16	0.66	3.92	16.39	53.87	225.04

Parete ND	H totale	Spessore	L totale	Verif. N-M	Verif. V	Prog. composta
	cm	cm	cm			
3	410.00	20.00	439.54	ok	ok	SI

Quota	Af std	Af V (ori)	Ver. N/M	Ver. V cls	Ver. V acc
cm					
0.0	1+1d16/20	1+1d12/20	0.35	0.08	0.03
42.5	1+1d16/20	1+1d12/20	0.32	0.08	0.03
43.4	1+1d16/20	1+1d12/20	0.31	0.07	0.03
44.2	1+1d16/20	1+1d12/20	0.30	0.07	0.03
45.1	1+1d16/20	1+1d12/20	0.30	0.08	0.03
46.0	1+1d16/20	1+1d12/20	0.29	0.08	0.03
46.9	1+1d16/20	1+1d12/20	0.29	0.08	0.03
47.8	1+1d16/20	1+1d12/20	0.28	0.08	0.04
48.6	1+1d16/20	1+1d12/20	0.28	0.08	0.04
49.5	1+1d16/20	1+1d12/20	0.28	0.08	0.04
50.4	1+1d16/20	1+1d12/20	0.27	0.08	0.04
51.2	1+1d16/20	1+1d12/20	0.27	0.08	0.04
52.1	1+1d16/20	1+1d12/20	0.26	0.08	0.03
85.0	1+1d16/20	1+1d12/20	0.24	0.08	0.03
86.8	1+1d16/20	1+1d12/20	0.23	0.08	0.03
88.5	1+1d16/20	1+1d12/20	0.22	0.08	0.03
90.2	1+1d16/20	1+1d12/20	0.22	0.08	0.03
92.0	1+1d16/20	1+1d12/20	0.21	0.08	0.03
93.8	1+1d16/20	1+1d12/20	0.21	0.08	0.03
95.5	1+1d16/20	1+1d12/20	0.20	0.08	0.04
97.2	1+1d16/20	1+1d12/20	0.20	0.08	0.04
99.0	1+1d16/20	1+1d12/20	0.19	0.08	0.04
100.8	1+1d16/20	1+1d12/20	0.19	0.08	0.04
102.5	1+1d16/20	1+1d12/20	0.18	0.08	0.03
104.2	1+1d16/20	1+1d12/20	0.18	0.08	0.03
127.5	1+1d16/20	1+1d12/20	0.16	0.08	0.03
130.1	1+1d16/20	1+1d12/20	0.15	0.08	0.03
132.8	1+1d16/20	1+1d12/20	0.14	0.08	0.03
135.4	1+1d16/20	1+1d12/20	0.14	0.08	0.03

138.0	1+1d16/20	1+1d12/20	0.13	0.08	0.03
140.6	1+1d16/20	1+1d12/20	0.13	0.08	0.03
143.2	1+1d16/20	1+1d12/20	0.13	0.08	0.04
145.9	1+1d16/20	1+1d12/20	0.12	0.08	0.04
148.5	1+1d16/20	1+1d12/20	0.12	0.08	0.04
151.1	1+1d16/20	1+1d12/20	0.12	0.08	0.04
153.8	1+1d16/20	1+1d12/20	0.11	0.08	0.03
156.4	1+1d16/20	1+1d12/20	0.11	0.08	0.03
170.0	1+1d16/20	1+1d12/20	0.12	0.08	0.03
173.5	1+1d16/20	1+1d12/20	0.12	0.08	0.03
177.0	1+1d16/20	1+1d12/20	0.12	0.08	0.03
180.5	1+1d16/20	1+1d12/20	0.11	0.08	0.03
184.0	1+1d16/20	1+1d12/20	0.11	0.08	0.03
187.5	1+1d16/20	1+1d12/20	0.11	0.08	0.03
191.0	1+1d16/20	1+1d12/20	0.11	0.08	0.04
194.5	1+1d16/20	1+1d12/20	0.11	0.08	0.04
198.0	1+1d16/20	1+1d12/20	0.11	0.08	0.04
201.5	1+1d16/20	1+1d12/20	0.11	0.08	0.04
205.0	1+1d16/20	1+1d12/20	0.10	0.08	0.03
208.5	1+1d16/20	1+1d12/20	0.10	0.08	0.03
212.5	1+1d16/20	1+1d12/20	0.11	0.08	0.03
216.9	1+1d16/20	1+1d12/20	0.10	0.08	0.03
221.2	1+1d16/20	1+1d12/20	0.10	0.08	0.03
225.6	1+1d16/20	1+1d12/20	0.11	0.08	0.03
230.0	1+1d16/20	1+1d12/20	0.12	0.08	0.03
234.4	1+1d16/20	1+1d12/20	0.12	0.08	0.03
238.8	1+1d16/20	1+1d12/20	0.13	0.08	0.03
243.1	1+1d16/20	1+1d12/20	0.13	0.08	0.03
247.5	1+1d16/20	1+1d12/20	0.14	0.08	0.04
251.9	1+1d16/20	1+1d12/20	0.14	0.08	0.04
255.0	1+1d16/20	1+1d12/20	0.14	0.08	0.04
256.2	1+1d16/20	1+1d12/20	0.14	0.08	0.04
260.2	1+1d16/20	1+1d12/20	0.15	0.08	0.03
260.6	1+1d16/20	1+1d12/20	0.15	0.08	0.03
265.5	1+1d16/20	1+1d12/20	0.16	0.08	0.03
270.8	1+1d16/20	1+1d12/20	0.16	0.08	0.03
276.0	1+1d16/20	1+1d12/20	0.17	0.08	0.03
281.2	1+1d16/20	1+1d12/20	0.17	0.07	0.03
286.5	1+1d16/20	1+1d12/20	0.18	0.07	0.03
291.8	1+1d16/20	1+1d12/20	0.18	0.07	0.03
297.0	1+1d16/20	1+1d12/20	0.19	0.08	0.03
297.5	1+1d16/20	1+1d12/20	0.19	0.08	0.03
302.2	1+1d16/20	1+1d12/20	0.21	0.08	0.04
303.6	1+1d16/20	1+1d12/20	0.22	0.08	0.04
307.5	1+1d16/20	1+1d12/20	0.21	0.09	0.04
309.8	1+1d16/20	1+1d12/20	0.21	0.09	0.04
312.8	1+1d16/20	1+1d12/20	0.22	0.09	0.04
315.9	1+1d16/20	1+1d12/20	0.22	0.08	0.04
322.0	1+1d16/20	1+1d12/20	0.22	0.08	0.03
328.1	1+1d16/20	1+1d12/20	0.22	0.07	0.03
334.2	1+1d16/20	1+1d12/20	0.23	0.07	0.03
340.0	1+1d16/20	1+1d12/20	0.23	0.06	0.03
340.4	1+1d16/20	1+1d12/20	0.22	0.06	0.03
346.5	1+1d16/20	1+1d12/20	0.16	0.07	0.03
347.0	1+1d16/20	1+1d12/20	0.16	0.07	0.03
352.6	1+1d16/20	1+1d12/20	0.18	0.08	0.04
354.0	1+1d16/20	1+1d12/20	0.19	0.09	0.04
358.8	1+1d16/20	1+1d12/20	0.18	0.09	0.04
361.0	1+1d16/20	1+1d12/20	0.17	0.09	0.04
364.9	1+1d16/20	1+1d12/20	0.23	0.11	0.05
368.0	1+1d16/20	1+1d12/20	0.23	0.11	0.05
375.0	1+1d16/20	1+1d12/20	0.27	0.12	0.05
382.0	1+1d16/20	1+1d12/20	0.33	0.13	0.06
389.0	1+1d16/20	1+1d12/20	0.40	0.13	0.06
396.0	1+1d16/20	1+1d12/20	0.51	0.15	0.07
403.0	1+1d16/20	1+1d12/20	0.66	0.15	0.07
405.0	1+1d16/20	1+1d12/20	0.78	0.17	0.08
410.0	1+1d16/20	1+1d12/20	0.0	0.0	0.0

Quota

Ver. N/M  
0.78

Ver. V cls  
0.17

Ver. V acc  
0.08

Quota	N v.M/N	M v.M/N	Mo v.M/N	N v.Vcls	V v.Vcls	V v.Vacc	Ctg Vcls	Vrcd Vcls	Ctg Vac	Vrsd Vac
cm	daN	daN cm	daN cm	daN	daN	daN		daN		daN
0.0	-1.941e+04	4.899e+06	6.739e+05	-1.911e+04	1.321e+04	1.321e+04	2.50	1.699e+05	2.50	3.800e+05

42.5	-1.941e+04	4.935e+06	5.923e+05	-1.911e+04	1.319e+04	1.319e+04	2.50	1.699e+05	2.50	3.800e+05
43.4	-2.054e+04	4.710e+06	5.802e+05	-1.780e+04	1.266e+04	1.266e+04	2.50	1.697e+05	2.50	3.800e+05
44.2	-2.062e+04	4.698e+06	5.660e+05	-1.755e+04	1.264e+04	1.264e+04	2.50	1.697e+05	2.50	3.800e+05
45.1	-2.062e+04	4.698e+06	5.525e+05	-1.738e+04	1.279e+04	1.279e+04	2.50	1.696e+05	2.50	3.800e+05
46.0	-2.055e+04	4.703e+06	5.400e+05	-1.727e+04	1.299e+04	1.299e+04	2.50	1.696e+05	2.50	3.800e+05
46.9	-2.044e+04	4.709e+06	5.282e+05	-1.721e+04	1.320e+04	1.320e+04	2.50	1.696e+05	2.50	3.800e+05
47.8	-2.027e+04	4.709e+06	5.170e+05	-1.719e+04	1.342e+04	1.342e+04	2.50	1.696e+05	2.50	3.800e+05
48.6	-2.006e+04	4.701e+06	5.061e+05	-1.721e+04	1.361e+04	1.361e+04	2.50	1.696e+05	2.50	3.800e+05
49.5	-1.983e+04	4.683e+06	4.956e+05	-1.724e+04	1.376e+04	1.376e+04	2.50	1.696e+05	2.50	3.800e+05
50.4	-1.960e+04	4.656e+06	4.857e+05	-1.727e+04	1.384e+04	1.384e+04	2.50	1.696e+05	2.50	3.800e+05
51.2	-1.931e+04	4.610e+06	4.777e+05	-1.735e+04	1.375e+04	1.375e+04	2.50	1.696e+05	2.50	3.800e+05
52.1	-1.809e+04	4.369e+06	4.739e+05	-1.834e+04	1.320e+04	1.320e+04	2.50	1.698e+05	2.50	3.800e+05
85.0	-1.809e+04	4.399e+06	4.127e+05	-1.834e+04	1.320e+04	1.320e+04	2.50	1.698e+05	2.50	3.800e+05
86.8	-1.891e+04	4.237e+06	3.980e+05	-1.736e+04	1.307e+04	1.307e+04	2.50	1.696e+05	2.50	3.800e+05
88.5	-1.934e+04	4.169e+06	3.843e+05	-1.675e+04	1.291e+04	1.291e+04	2.50	1.695e+05	2.50	3.800e+05
90.2	-1.947e+04	4.155e+06	3.705e+05	-1.645e+04	1.294e+04	1.294e+04	2.50	1.695e+05	2.50	3.800e+05
92.0	-1.948e+04	4.156e+06	3.569e+05	-1.628e+04	1.308e+04	1.308e+04	2.50	1.695e+05	2.50	3.800e+05
93.8	-1.937e+04	4.161e+06	3.438e+05	-1.620e+04	1.328e+04	1.328e+04	2.50	1.695e+05	2.50	3.800e+05
95.5	-1.917e+04	4.162e+06	3.312e+05	-1.621e+04	1.347e+04	1.347e+04	2.50	1.695e+05	2.50	3.800e+05
97.2	-1.889e+04	4.152e+06	3.191e+05	-1.629e+04	1.361e+04	1.361e+04	2.50	1.695e+05	2.50	3.800e+05
99.0	-1.855e+04	4.126e+06	3.076e+05	-1.643e+04	1.366e+04	1.366e+04	2.50	1.695e+05	2.50	3.800e+05
100.8	-1.815e+04	4.078e+06	2.970e+05	-1.662e+04	1.356e+04	1.356e+04	2.50	1.695e+05	2.50	3.800e+05
102.5	-1.755e+04	3.984e+06	2.872e+05	-1.700e+04	1.328e+04	1.328e+04	2.50	1.696e+05	2.50	3.800e+05
104.2	-1.678e+04	3.833e+06	2.768e+05	-1.756e+04	1.315e+04	1.315e+04	2.50	1.697e+05	2.50	3.800e+05
127.5	-1.678e+04	3.856e+06	2.339e+05	-1.756e+04	1.316e+04	1.316e+04	2.50	1.697e+05	2.50	3.800e+05
130.1	-1.747e+04	3.722e+06	2.185e+05	-1.671e+04	1.311e+04	1.311e+04	2.50	1.695e+05	2.50	3.800e+05
132.8	-1.797e+04	3.644e+06	2.036e+05	-1.605e+04	1.304e+04	1.304e+04	2.50	1.694e+05	2.50	3.800e+05
135.4	-1.826e+04	3.611e+06	1.891e+05	-1.560e+04	1.303e+04	1.303e+04	2.50	1.694e+05	2.50	3.800e+05
138.0	-1.836e+04	3.605e+06	1.749e+05	-1.533e+04	1.313e+04	1.313e+04	2.50	1.694e+05	2.50	3.800e+05
140.6	-1.828e+04	3.610e+06	1.610e+05	-1.522e+04	1.328e+04	1.328e+04	2.50	1.693e+05	2.50	3.800e+05
143.2	-1.805e+04	3.611e+06	1.476e+05	-1.526e+04	1.345e+04	1.345e+04	2.50	1.693e+05	2.50	3.800e+05
145.9	-1.767e+04	3.598e+06	1.348e+05	-1.544e+04	1.356e+04	1.356e+04	2.50	1.694e+05	2.50	3.800e+05
148.5	-1.573e+04	2.817e+06	1.745e+05	-1.573e+04	1.356e+04	1.356e+04	2.50	1.694e+05	2.50	3.800e+05
151.1	-1.610e+04	2.770e+06	1.721e+05	-1.610e+04	1.342e+04	1.342e+04	2.50	1.695e+05	2.50	3.800e+05
153.8	-1.648e+04	2.706e+06	1.695e+05	-1.648e+04	1.321e+04	1.321e+04	2.50	1.695e+05	2.50	3.800e+05
156.4	-1.678e+04	2.644e+06	1.667e+05	-1.678e+04	1.310e+04	1.310e+04	2.50	1.695e+05	2.50	3.800e+05
170.0	-1.678e+04	2.628e+06	1.924e+05	-1.678e+04	1.311e+04	1.311e+04	2.50	1.695e+05	2.50	3.800e+05
173.5	-1.600e+04	2.469e+06	1.890e+05	-1.600e+04	1.307e+04	1.307e+04	2.50	1.694e+05	2.50	3.800e+05
177.0	-1.532e+04	2.357e+06	1.866e+05	-1.532e+04	1.301e+04	1.301e+04	2.50	1.694e+05	2.50	3.800e+05
180.5	-1.478e+04	2.289e+06	1.849e+05	-1.478e+04	1.300e+04	1.300e+04	2.50	1.693e+05	2.50	3.800e+05
184.0	-1.442e+04	2.258e+06	1.837e+05	-1.442e+04	1.308e+04	1.308e+04	2.50	1.692e+05	2.50	3.800e+05
187.5	-1.427e+04	2.250e+06	1.832e+05	-1.427e+04	1.321e+04	1.321e+04	2.50	1.692e+05	2.50	3.800e+05
191.0	-1.432e+04	2.247e+06	1.829e+05	-1.432e+04	1.335e+04	1.335e+04	2.50	1.692e+05	2.50	3.800e+05
194.5	-1.459e+04	2.233e+06	1.827e+05	-1.459e+04	1.348e+04	1.348e+04	2.50	1.693e+05	2.50	3.800e+05
198.0	-1.503e+04	2.195e+06	1.826e+05	-1.503e+04	1.354e+04	1.354e+04	2.50	1.693e+05	2.50	3.800e+05
201.5	-1.556e+04	2.127e+06	1.798e+05	-1.556e+04	1.347e+04	1.347e+04	2.50	1.694e+05	2.50	3.800e+05
205.0	-1.597e+04	2.059e+06	1.747e+05	-1.597e+04	1.327e+04	1.327e+04	2.50	1.694e+05	2.50	3.800e+05
208.5	-1.601e+04	2.045e+06	1.704e+05	-1.601e+04	1.312e+04	1.312e+04	2.50	1.694e+05	2.50	3.800e+05
212.5	-1.601e+04	2.040e+06	1.779e+05	-1.601e+04	1.312e+04	1.312e+04	2.50	1.694e+05	2.50	3.800e+05
216.9	-1.532e+04	1.897e+06	1.755e+05	-1.532e+04	1.304e+04	1.304e+04	2.50	1.694e+05	2.50	3.800e+05
221.2	-1.533e+04	2.575e+06	1.483e+05	-1.462e+04	1.295e+04	1.295e+04	2.50	1.693e+05	2.50	3.800e+05
225.6	-1.578e+04	2.524e+06	1.662e+05	-1.399e+04	1.295e+04	1.295e+04	2.50	1.692e+05	2.50	3.800e+05
230.0	-1.597e+04	2.513e+06	1.815e+05	-1.359e+04	1.298e+04	1.298e+04	2.50	1.691e+05	2.50	3.800e+05
234.4	-1.596e+04	2.517e+06	1.959e+05	-1.339e+04	1.301e+04	1.301e+04	2.50	1.691e+05	2.50	3.800e+05
238.8	-1.575e+04	2.522e+06	2.099e+05	-1.339e+04	1.309e+04	1.309e+04	2.50	1.691e+05	2.50	3.800e+05
243.1	-1.531e+04	2.508e+06	2.238e+05	-1.363e+04	1.324e+04	1.324e+04	2.50	1.691e+05	2.50	3.800e+05
247.5	-1.456e+04	2.453e+06	2.375e+05	-1.417e+04	1.345e+04	1.345e+04	2.50	1.692e+05	2.50	3.800e+05
251.9	-1.361e+04	2.344e+06	2.486e+05	-1.488e+04	1.359e+04	1.359e+04	2.50	1.693e+05	2.50	3.800e+05
255.0	-1.302e+04	2.258e+06	2.556e+05	-1.530e+04	1.356e+04	1.356e+04	2.50	1.693e+05	2.50	3.800e+05
256.2	-1.284e+04	2.208e+06	2.603e+05	-1.527e+04	1.361e+04	1.361e+04	2.50	1.693e+05	2.50	3.800e+05
260.2	-1.347e+04	2.093e+06	2.805e+05	-1.491e+04	1.309e+04	1.309e+04	2.50	1.693e+05	2.50	3.800e+05
260.6	-1.351e+04	2.087e+06	2.825e+05	-1.483e+04	1.308e+04	1.308e+04	2.50	1.693e+05	2.50	3.800e+05
265.5	-1.410e+04	2.001e+06	3.054e+05	-1.399e+04	1.307e+04	1.307e+04	2.50	1.692e+05	2.50	3.800e+05
270.8	-1.442e+04	1.969e+06	3.187e+05	-1.338e+04	1.306e+04	1.306e+04	2.50	1.691e+05	2.50	3.800e+05
276.0	-1.457e+04	1.963e+06	3.301e+05	-1.300e+04	1.287e+04	1.287e+04	2.50	1.690e+05	2.50	3.800e+05
281.2	-1.464e+04	1.967e+06	3.407e+05	-1.275e+04	1.266e+04	1.266e+04	2.50	1.690e+05	2.50	3.800e+05
286.5	-1.462e+04	1.972e+06	3.509e+05	-1.261e+04	1.252e+04	1.252e+04	2.50	1.690e+05	2.50	3.800e+05
291.8	-1.442e+04	1.970e+06	3.612e+05	-1.262e+04	1.256e+04	1.256e+04	2.50	1.690e+05	2.50	3.800e+05
297.0	-1.388e+04	1.931e+06	3.723e+05	-1.296e+04	1.293e+04	1.293e+04	2.50	1.690e+05	2.50	3.800e+05
297.5	-1.379e+04	1.923e+06	3.737e+05	-1.306e+04	1.300e+04	1.300e+04	2.50	1.690e+05	2.50	3.800e+05
302.2	-1.326e+04	1.701e+06	4.279e+05	-1.346e+04	1.432e+04	1.432e+04	2.50	1.691e+05	2.50	3.800e+05
303.6	-1.315e+04	1.640e+06	4.638e+05	-1.366e+04	1.415e+04	1.415e+04	2.50	1.691e+05	2.50	3.800e+05
307.5	-1.222e+04	1.513e+06	4.468e+05	-1.329e+04	1.453e+04	1.453e+04	2.50	1.691e+05	2.50	3.800e+05
309.8	-1.258e+04	1.402e+06	4.533e+05	-1.317e+04	1.442e+04	1.442e+04	2.50	1.691e+05	2.50	3.800e+05
312.8	-1.253e+04	1.413e+06	4.600e+05	-1.299e+04	1.438e+04	1.438e+04	2.50	1.690e+05	2.50	3.800e+05
315.9	-1.266e+04	1.408e+06	4.629e+05	-1.286e+04	1.393e+04	1.393e+04	2.50	1.690e+05	2.50	3.800e+05
322.0	-1.289e+04	1.406e+06	4.690e+05	-1.244e+04	1.297e+04	1.297e+04	2.50	1.690e+05	2.50	3.800e+05

328.1	-1.311e+04	1.414e+06	4.765e+05	-1.204e+04	1.202e+04	1.202e+04	2.50	1.689e+05	2.50	3.800e+05
334.2	-1.332e+04	1.430e+06	4.841e+05	-1.164e+04	1.113e+04	1.113e+04	2.50	1.689e+05	2.50	3.800e+05
340.0	-1.348e+04	1.452e+06	4.906e+05	-1.128e+04	1.045e+04	1.045e+04	2.50	1.688e+05	2.50	3.800e+05
340.4	-1.305e+04	1.535e+06	4.563e+05	-1.072e+04	1.070e+04	1.070e+04	2.50	1.683e+05	2.50	3.791e+05
346.5	-1.119e+04	1.769e+06	2.714e+05	-6877.90	1.145e+04	1.145e+04	2.50	1.532e+05	2.50	3.459e+05
347.0	-1.152e+04	1.701e+06	2.885e+05	-7173.04	1.135e+04	1.135e+04	2.50	1.527e+05	2.50	3.447e+05
352.6	-9368.10	1.677e+06	2.702e+05	-6408.46	1.159e+04	1.159e+04	2.50	1.385e+05	2.50	3.128e+05
354.0	-9583.55	1.627e+06	2.954e+05	-7215.08	1.216e+04	1.216e+04	2.50	1.371e+05	2.50	3.093e+05
358.8	-8426.52	1.376e+06	2.553e+05	-7474.50	1.064e+04	1.064e+04	2.50	1.241e+05	2.50	2.796e+05
361.0	-7701.47	1.214e+06	2.387e+05	-7660.10	1.115e+04	1.115e+04	2.50	1.216e+05	2.50	2.740e+05
364.9	-7154.04	1.033e+06	2.949e+05	-7154.04	1.228e+04	1.228e+04	2.50	1.094e+05	2.50	2.465e+05
368.0	-7195.17	9.565e+05	2.987e+05	-7195.17	1.192e+04	1.192e+04	2.50	1.060e+05	2.50	2.386e+05
375.0	-7341.61	7.799e+05	3.068e+05	-7341.61	1.087e+04	1.087e+04	2.50	9.045e+04	2.50	2.033e+05
382.0	-7555.01	5.993e+05	3.141e+05	-7555.01	9575.75	9575.75	2.50	7.491e+04	2.50	1.679e+05
389.0	-7870.38	4.117e+05	3.203e+05	-7870.38	8004.95	8004.95	2.50	5.937e+04	2.50	1.326e+05
396.0	-8279.61	2.172e+05	3.227e+05	-6525.73	6457.16	6457.16	2.50	4.362e+04	2.50	9.721e+04
403.0	-8427.70	1.426e+04	3.081e+05	-8427.70	4206.28	4206.28	2.50	2.825e+04	2.50	6.186e+04
405.0	-7981.44	4.958e+04	3.479e+05	-4200.83	4375.82	4375.82	2.50	2.555e+04	2.50	5.681e+04
410.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+Af	sec-Af	sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
1	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-202.3	-45.8	-34.9	-674.3	-174.8	-7.5
2	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-240.5	169.2	121.9	-1.043e+04	13.3	5478.9
5	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-202.5	-34.1	24.4	1578.1	325.2	-3.5
6	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-300.1	-167.4	160.0	-1.513e+04	-2191.2	6003.8
260	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-81.0	7.5	50.6	2225.2	580.8	1790.0
261	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-112.8	-74.8	-138.7	-3884.2	-319.5	-1336.9
262	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	7.2	-381.2	59.7	4651.4	-793.1	601.9
263	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-111.8	-1.4	-6.5	-1254.7	-286.0	-174.4
264	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-98.8	11.2	-11.0	-962.8	-72.4	-100.9
265	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-156.3	0.3	-12.2	-831.9	-78.1	36.8
266	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-91.0	-5.0	-8.8	-632.3	-145.4	-8.8
267	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-149.7	0.8	-6.7	-377.6	-37.9	102.3
268	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-106.6	-3.3	-3.6	-337.0	-35.0	49.7
269	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-163.4	0.4	1.5	352.9	32.6	106.8
270	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-106.0	-13.0	16.7	371.1	78.6	47.3
271	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-179.2	-1.4	6.6	771.8	60.0	83.5
272	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-114.4	-14.3	21.9	780.9	144.5	41.7
273	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-154.9	-17.0	22.7	1178.0	185.3	18.0
274	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-118.9	-20.2	22.2	1237.5	249.9	44.7
275	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-150.4	-26.1	23.6	1520.0	304.6	-1.0
276	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	0.9	45.9	22.3	-932.4	21.5	-569.4
277	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	3.4	152.1	41.1	-469.2	-387.3	-813.6
278	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-44.4	-22.2	-59.1	-567.0	-55.9	113.3
279	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-31.9	-5.80e-02	-49.0	-525.5	-27.7	208.1
280	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-31.7	5.8	-45.0	-322.1	6.7	234.0
281	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-75.3	-16.2	23.3	395.6	121.3	36.7
282	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-83.6	-16.9	25.0	810.3	190.9	39.5
283	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-88.7	-19.5	22.8	1248.1	260.3	37.7
284	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-87.3	-19.8	26.7	1459.4	290.9	-3.4
285	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	4.3	48.2	24.5	-553.7	-67.1	-385.3
286	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	9.1	119.4	36.1	-204.6	-271.2	-446.3
287	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-29.4	-26.8	-51.5	-416.3	16.5	135.4
288	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-21.5	-6.4	-44.9	-458.1	27.6	204.1
289	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-31.4	0.8	-50.9	-469.3	3.8	223.3
290	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-49.1	-16.8	29.6	425.8	159.2	20.2
291	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-57.1	-16.6	28.3	835.6	213.4	23.2
292	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-62.6	-16.8	24.2	1252.9	265.1	22.7
293	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-85.1	-14.5	23.5	1419.8	282.5	-5.8
294	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	6.3	62.3	31.4	-361.9	-54.2	-235.5
295	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	7.7	87.3	30.2	-125.0	-218.5	-265.3
296	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-31.6	-21.5	-60.0	-325.7	122.6	149.5
297	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-28.1	-10.5	-51.0	-427.4	51.8	196.3
298	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-39.9	-4.6	-52.9	-468.6	19.6	202.4
299	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-42.2	-2.3	-46.9	-503.9	-24.9	185.4
300	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-53.8	-13.8	31.4	859.3	224.0	-3.5
301	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-59.8	-13.3	28.3	1265.1	268.5	3.3
302	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-60.0	-9.8	25.2	1404.3	279.2	-8.8
303	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	5.9	48.6	27.3	-257.4	-56.8	-80.8
304	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	7.8	95.5	32.4	-67.6	-180.7	-147.4
305	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-23.9	-23.7	-49.2	-250.2	143.9	177.8
306	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-32.7	-12.9	-51.7	-417.1	65.8	185.9
307	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-36.5	-8.3	-47.1	-479.6	31.4	176.5
308	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-55.1	-7.0	-45.4	-536.6	-25.9	155.9

309	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-59.6	-7.2	-40.5	-599.8	-77.8	117.9
310	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-62.3	-9.2	-36.1	-678.8	-124.2	63.0
311	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-62.7	-10.7	-33.4	-552.4	-112.2	16.8
312	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-18.5	-18.9	-42.8	-117.9	123.4	206.1
313	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	6.3	62.3	27.2	-31.7	-177.9	-19.2
314	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-27.8	-18.3	-49.3	-296.7	157.1	195.1
315	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-38.1	-15.5	-47.2	-435.8	69.1	168.4
316	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-59.3	-12.1	-42.6	-504.7	25.9	148.9
317	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-54.4	-8.6	-40.6	-571.5	-35.6	122.8
318	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-58.7	-10.1	-36.9	-649.6	-90.1	89.7
319	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-81.1	-13.5	-35.8	-747.5	-138.2	46.3
320	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-61.5	-14.2	-35.4	-622.0	-126.0	15.2
321	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	10.6	-12.9	31.7	-336.4	-1.7	250.2
322	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-1.8	51.8	-12.8	172.6	84.6	104.4
323	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	3.3	-10.7	38.5	-547.1	135.4	124.9
324	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-55.6	-16.9	-29.7	-482.3	64.4	153.9
325	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-75.5	-11.7	-31.0	-541.0	20.2	112.3
326	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-71.5	-11.1	-36.6	-602.9	-50.4	88.9
327	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-77.5	-12.5	-35.5	-692.7	-105.4	64.7
328	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-104.0	-16.1	-35.0	-807.8	-153.0	30.8
329	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-80.6	-18.2	-35.6	-669.7	-135.2	13.6
330	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-14.8	-5.5	-4.9	-650.9	-172.4	588.9
331	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	41.1	106.8	-23.7	871.4	194.9	9.3
332	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-3.0	-23.1	38.6	-915.7	68.9	81.1
333	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-76.9	-12.9	-11.0	-563.1	42.1	114.8
334	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-80.3	-11.8	-27.0	-578.5	-20.4	77.3
335	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-92.2	-10.0	-30.9	-632.5	-64.5	57.9
336	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-100.0	-12.6	-33.3	-718.9	-114.0	37.9
337	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-104.1	-19.6	-31.6	-863.5	-168.7	19.7
338	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-103.3	-23.2	-35.6	-696.4	-139.9	12.3
339	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-34.7	-77.8	48.0	-4175.5	-780.1	2255.9
340	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	67.9	198.8	-82.0	6464.8	684.7	-2005.4
341	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-26.8	-13.0	47.8	-1276.8	-4.2	-157.0
342	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-88.6	-11.2	-10.3	-605.1	-20.5	78.8
343	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-100.7	-7.7	-17.3	-608.7	-44.2	64.6
344	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-114.3	-7.3	-22.2	-669.1	-68.7	45.6
345	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-128.4	-9.5	-28.5	-747.7	-102.0	12.2
346	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-134.8	-19.7	-31.3	-894.9	-169.8	1.9
347	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-134.3	-30.3	-36.2	-688.1	-138.9	5.6
348	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-162.9	-88.2	-33.0	2352.4	169.2	-2186.1
349	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-77.8	30.4	-13.3	-696.1	-170.3	53.6
350	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-106.3	-5.3	-6.4	-627.9	-22.2	80.4
351	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-115.9	-4.6	-7.7	-629.6	-43.3	81.4
352	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-132.2	-5.1	-9.0	-690.1	-53.4	59.9
353	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-154.6	-7.4	-12.0	-812.0	-82.9	29.0
354	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-186.4	-9.7	-23.2	-830.6	-113.1	-84.0
1932	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-215.3	-46.4	30.2	1528.9	235.6	-114.3
1933	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-108.3	-0.5	91.8	-5045.1	539.3	280.8
1934	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	69.5	-70.0	-16.1	5967.6	-3172.2	-1143.3
1935	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-171.6	-31.6	-6.7	-1826.1	-305.8	126.4
1936	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-164.3	-13.4	-8.5	-800.0	-44.2	-9.3
1937	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-154.4	-6.8	-3.0	-399.1	-33.8	38.7
1938	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-165.3	-3.9	3.8	332.2	19.8	42.0
1939	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-178.6	-5.6	7.0	808.6	22.6	26.1
1940	ok	0.0	0.0	0.0	10.1	10.1	5.7	5.7	-202.3	-5.8	17.1	1115.9	-40.1	-28.1

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.0	0.0	0.0	10.05	10.05	5.65	5.65	-300.11 69.48	-381.15 198.77	-138.68-1.513e+04 159.98	-138.68-1.513e+04 6464.82	-3172.20 684.74	-2186.08 6003.81

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
1	ok	0.71						
2	ok Av	11.78	0.16	0.51	4.1	12.7	56.6	174.8
5	ok	0.85						
6	ok Av	13.71	0.13	0.61	3.3	15.2	45.1	209.1
260	ok Av	11.23	0.13	0.50	3.3	12.5	45.1	172.2
261	ok Av	11.84	0.13	0.54	3.3	13.4	45.1	183.8
262	ok Av	12.74	0.13	0.57	3.3	14.1	45.1	193.5
263	ok	1.74						
264	ok	1.81						
265	ok	0.85						
266	ok	0.86						
267	ok	0.60						
268	ok	0.60						

269	ok	0.55							
270	ok	0.55							
271	ok	0.56							
272	ok	0.56							
273	ok	0.89							
274	ok	0.74							
275	ok	0.75							
276	ok	2.38							
277	ok	3.01							
278	ok	0.93							
279	ok	0.55							
280	ok	0.51							
281	ok	0.51							
282	ok	0.54							
283	ok	0.58							
284	ok	0.60							
285	ok	0.91							
286	ok	1.44							
287	ok	0.48							
288	ok	0.45							
289	ok	0.47							
290	ok	0.50							
291	ok	0.52							
292	ok	0.52							
293	ok	0.53							
294	ok	0.62							
295	ok	1.03							
296	ok	0.28							
297	ok	0.39							
298	ok	0.44							
299	ok	0.48							
300	ok	0.50							
301	ok	0.50							
302	ok	0.49							
303	ok	0.37							
304	ok	0.68							
305	ok	0.23							
306	ok	0.35							
307	ok	0.44							
308	ok	0.49							
309	ok	0.51							
310	ok	0.51							
311	ok	0.49							
312	ok	0.23							
313	ok	0.41							
314	ok	0.25							
315	ok	0.41							
316	ok	0.48							
317	ok	0.52							
318	ok	0.55							
319	ok	0.56							
320	ok	0.53							
321	ok	0.40							
322	ok	0.44							
323	ok	0.49							
324	ok	0.52							
325	ok	0.53							
326	ok	0.57							
327	ok	0.62							
328	ok	0.65							
329	ok	0.63							
330	ok	1.57							
331	ok	1.31							
332	ok	1.10							
333	ok	0.57							
334	ok	0.53							
335	ok	0.57							
336	ok	0.62							
337	ok	0.89							
338	ok	0.89							
339	ok Av	10.73	0.17	0.49	4.1	12.2	56.6	167.3	
340	ok Av	12.91	0.17	0.57	4.1	14.1	56.6	193.3	
341	ok	1.53							
342	ok	1.19							
343	ok	0.95							
344	ok	0.89							
345	ok	0.84							

346	ok	0.89						
347	ok	0.89						
348	ok Av	11.78	0.16	0.54	4.1	13.4	56.6	183.7
349	ok	1.55						
350	ok	1.22						
351	ok	0.95						
352	ok	0.89						
353	ok	0.84						
354	ok	0.83						
1932	ok	0.85						
1933	ok Av	9.97	0.09	0.45	2.3	11.1	31.8	152.4
1934	ok Av	10.19	0.09	0.46	2.3	11.4	31.8	156.8
1935	ok	1.40						
1936	ok	0.71						
1937	ok	0.51						
1938	ok	0.44						
1939	ok	0.43						
1940	ok	0.89						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	13.71	0.17	0.61	4.12	15.22	56.56	209.08

Parete ND	H totale	Spessore	L totale	Verif. N-M	Verif. V	Prog. composta
	cm	cm	cm			
4	380.00	20.00	328.10	ok	ok	SI

Quota	Af std	Af V (ori)	Ver. N/M	Ver. V cls	Ver. V acc
cm					
0.0	1+1d16/25	1+1d12/25	0.22	0.10	0.06
39.3	1+1d16/25	1+1d12/25	0.19	0.10	0.06
78.7	1+1d16/25	1+1d12/25	0.18	0.10	0.06
118.0	1+1d16/25	1+1d12/25	0.17	0.10	0.06
157.3	1+1d16/25	1+1d12/25	0.15	0.10	0.06
196.7	1+1d16/25	1+1d12/25	0.14	0.10	0.06
236.0	1+1d16/25	1+1d12/25	0.12	0.10	0.06
275.4	1+1d16/25	1+1d12/25	0.13	0.10	0.06
314.7	1+1d16/25	1+1d12/25	0.17	0.07	0.04
327.3	1+1d16/25	1+1d12/25	0.03	0.05	0.03
329.3	1+1d16/25	1+1d12/25	0.04	0.05	0.03
331.3	1+1d16/25	1+1d12/25	0.04	0.04	0.02
333.3	1+1d16/25	1+1d12/25	0.05	0.04	0.02
335.3	1+1d16/25	1+1d12/25	0.06	0.04	0.02
337.3	1+1d16/25	1+1d12/25	0.06	0.04	0.02
339.3	1+1d16/25	1+1d12/25	0.07	0.04	0.02
340.0	1+1d16/25	1+1d12/25	0.07	0.04	0.02
341.3	1+1d16/25	1+1d12/25	0.04	0.03	0.02
343.3	1+1d16/25	1+1d12/25	0.06	0.03	0.01
344.0	1+1d16/25	1+1d12/25	0.03	0.03	0.02
345.3	1+1d16/25	1+1d12/25	0.04	0.02	8.67e-03
347.3	1+1d16/25	1+1d12/25	0.05	0.01	7.64e-03
348.0	1+1d16/25	1+1d12/25	0.04	0.01	6.91e-03
352.0	1+1d16/25	1+1d12/25	0.04	0.01	6.73e-03
356.0	1+1d16/25	1+1d12/25	0.06	0.01	7.20e-03
360.0	1+1d16/25	1+1d12/25	0.10	0.01	7.93e-03
364.0	1+1d16/25	1+1d12/25	0.13	0.02	9.54e-03
368.0	1+1d16/25	1+1d12/25	0.22	0.03	0.02
372.0	1+1d16/25	1+1d12/25	0.45	0.06	0.03
376.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0
380.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0

Quota	Ver. N/M	Ver. V cls	Ver. V acc
	0.45	0.10	0.06

Quota	N v.M/N	M v.M/N	Mo v.M/N	N v.Vcls	V v.Vcls	V v.Vacc	Ctg Vcls	Vrcl Vcls	Ctg Vac	Vrsd Vac
cm	daN	daN cm	daN cm	daN	daN	daN		daN		daN
0.0	-2.033e+04	2.170e+06	2.517e+05	-2.033e+04	1.328e+04	1.328e+04	2.50	1.299e+05	2.50	2.310e+05
39.3	-2.033e+04	2.067e+06	2.181e+05	-2.033e+04	1.328e+04	1.328e+04	2.50	1.299e+05	2.50	2.310e+05
78.7	-1.612e+04	3.255e+06	7.510e+04	-1.985e+04	1.328e+04	1.328e+04	2.50	1.298e+05	2.50	2.310e+05
118.0	-1.556e+04	2.947e+06	7.666e+04	-1.912e+04	1.327e+04	1.327e+04	2.50	1.297e+05	2.50	2.310e+05
157.3	-1.497e+04	2.638e+06	7.977e+04	-1.841e+04	1.326e+04	1.326e+04	2.50	1.296e+05	2.50	2.310e+05

1858

196.7	-1.436e+04	2.329e+06	8.474e+04	-1.773e+04	1.325e+04	1.325e+04	2.50	1.295e+05	2.50	2.310e+05
236.0	-1.376e+04	2.025e+06	7.697e+04	-1.705e+04	1.326e+04	1.326e+04	2.50	1.294e+05	2.50	2.310e+05
275.4	-1.528e+04	1.694e+06	1.197e+05	-1.700e+04	1.327e+04	1.327e+04	2.50	1.294e+05	2.50	2.310e+05
314.7	-1.773e+04	1.502e+06	2.006e+05	-1.176e+04	9050.67	9050.67	2.50	1.287e+05	2.50	2.310e+05
327.3	-7013.50	3326.05	3.794e+04	-4079.96	6556.68	6556.68	2.50	1.277e+05	2.50	2.310e+05
329.3	-6905.77	9654.41	6.073e+04	-4170.31	5862.12	5862.12	2.50	1.277e+05	2.50	2.310e+05
331.3	-7053.48	1.429e+04	6.695e+04	-4206.77	5666.85	5666.85	2.50	1.277e+05	2.50	2.310e+05
333.3	-6994.93	1.643e+04	7.610e+04	-4185.08	5401.76	5401.76	2.50	1.277e+05	2.50	2.310e+05
335.3	-6885.25	1.852e+04	8.551e+04	-4223.55	5202.94	5202.94	2.50	1.277e+05	2.50	2.310e+05
337.3	-6823.37	2.521e+04	9.534e+04	-4225.17	5009.39	5009.39	2.50	1.277e+05	2.50	2.310e+05
339.3	-6830.55	3.303e+04	1.051e+05	-4156.49	4839.18	4839.18	2.50	1.277e+05	2.50	2.310e+05
340.0	-6880.27	3.379e+04	1.084e+05	-4114.30	4796.15	4796.15	2.50	1.277e+05	2.50	2.310e+05
341.3	-2351.13	2.773e+05	3.673e+04	-1215.66	3205.08	3205.08	2.50	1.154e+05	2.50	2.094e+05
343.3	-2851.24	4.001e+05	5.145e+04	-555.49	2921.44	2921.44	2.50	1.121e+05	2.50	2.036e+05
344.0	-3839.15	3.542e+05	1.025e+04	-1846.36	3160.49	3160.49	2.50	1.112e+05	2.50	2.017e+05
345.3	-2839.90	2.671e+05	3.862e+04	-1407.11	1715.62	1715.62	2.50	1.090e+05	2.50	1.978e+05
347.3	-2129.93	2.365e+05	4.034e+04	-3062.97	1331.65	1331.65	2.50	9.631e+04	2.50	1.743e+05
348.0	-2240.91	2.141e+05	3.324e+04	-3170.94	1191.68	1191.68	2.50	9.528e+04	2.50	1.724e+05
352.0	-2825.91	2.465e+05	2.369e+04	-2794.83	1081.65	1081.65	2.50	8.887e+04	2.50	1.608e+05
356.0	-2703.59	2.054e+05	3.933e+04	-2704.01	946.78	946.78	2.50	7.272e+04	2.50	1.315e+05
360.0	-2573.48	1.672e+05	5.496e+04	-2600.42	810.50	810.50	2.50	5.657e+04	2.50	1.022e+05
364.0	-2460.88	1.304e+05	7.039e+04	-2002.98	864.53	864.53	2.50	5.014e+04	2.50	9.063e+04
368.0	-2403.11	9.289e+04	8.555e+04	-1881.49	1077.35	1077.35	2.50	3.398e+04	2.50	6.134e+04
372.0	-2139.09	5.088e+04	9.898e+04	-1711.01	1053.83	1053.83	2.50	1.780e+04	2.50	3.205e+04
376.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
11	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-210.2	-48.5	37.9	-825.6	-131.0	59.0
17	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-116.9	-85.8	70.0	1.344e+04	3030.7	-5639.9
18	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-322.4	-101.4	-136.6	1.267e+04	2060.5	5452.2
29	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-257.2	-53.2	-38.1	170.1	58.3	-1.4
30	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	72.9	-151.5	154.1	-1.205e+04	-4045.6	-5819.3
355	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-155.0	33.8	-36.2	2728.8	143.4	473.3
356	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-71.7	-4.5	-0.5	778.1	12.7	2.21e-02
357	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-61.2	-3.7	-26.8	758.6	33.1	-49.4
358	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-5.0	-98.8	-64.4	1092.6	293.0	843.6
359	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-57.3	-2.9	6.0	427.0	-5.2	-57.7
360	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.6	-6.1	1.8	402.7	26.2	-81.8
361	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-42.1	1.7	6.5	242.3	3.3	-70.3
362	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-52.9	-8.49e-02	1.5	235.4	5.2	-114.0
363	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-79.4	-3.9	8.8	-106.9	-13.2	-63.2
364	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-92.6	-2.8	8.4	-99.6	-20.1	-109.3
365	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-103.6	-4.7	9.9	-303.3	-15.2	-53.2
366	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-117.3	-2.0	12.8	-291.1	-28.6	-98.1
367	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-135.6	-7.2	12.7	-504.8	-18.0	-26.3
368	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-116.7	-9.7	35.9	-479.0	-63.6	-41.8
369	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-181.1	-10.3	25.5	-654.8	11.9	8.1
370	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-128.8	-21.5	40.3	-667.8	-105.7	-18.2
371	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-188.1	-31.3	39.0	-835.9	-170.2	-2.4
372	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-1.9	-20.7	-30.8	477.4	3.3	68.7
373	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	4.2	-18.6	-32.6	316.2	80.3	271.1
374	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-41.5	-21.3	13.1	353.9	-41.5	-61.6
375	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-50.5	-7.8	12.0	229.4	-8.5	-87.9
376	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-69.2	-12.0	33.7	-95.9	-62.4	-80.6
377	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-82.9	-10.8	40.3	-279.7	-76.3	-51.9
378	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-93.5	-13.8	44.3	-464.8	-99.3	-39.2
379	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-99.7	-21.6	42.8	-673.2	-138.1	-28.6
380	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-135.2	-23.3	44.1	-796.3	-159.6	-5.5
381	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.4	-1.1	-44.9	271.0	-64.1	49.2
382	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	6.9	14.5	-39.3	151.9	-2.1	147.3
383	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-29.6	-31.3	24.3	299.2	-85.3	-45.2
384	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-35.1	-22.4	31.6	213.2	-75.5	-68.5
385	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-58.3	-17.9	43.0	-91.6	-89.9	-47.8
386	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-69.0	-14.2	47.5	-272.2	-99.4	-39.1
387	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-76.2	-14.8	48.0	-461.9	-117.0	-31.8
388	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-80.3	-18.4	44.2	-659.7	-141.0	-22.6
389	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-107.8	-18.7	45.7	-752.9	-150.1	-3.0
390	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	3.6	5.8	-43.2	187.1	-83.1	32.2
391	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.3	31.1	-33.3	101.6	-31.4	82.6
392	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-20.8	-41.7	35.6	255.3	-114.3	-36.9
393	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-29.7	-31.3	42.5	196.2	-103.0	-51.8
394	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-48.5	-22.5	51.0	-88.3	-110.8	-28.4
395	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-57.3	-15.7	52.5	-268.4	-114.1	-22.0

396	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-62.6	-13.4	50.1	-458.6	-124.4	-17.7
397	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-65.5	-14.3	44.7	-647.9	-140.4	-12.2
398	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-89.2	-15.4	46.8	-723.9	-144.1	-0.5
399	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-8.7	-45.2	30.0	230.1	-39.0	-29.0
400	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	3.4	43.4	-33.9	71.6	-52.3	47.6
401	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-11.8	-53.2	39.8	241.9	-124.7	-38.6
402	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-28.3	-38.2	53.6	185.3	-117.2	-39.7
403	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-58.0	-21.7	58.6	-84.2	-119.2	-7.7
404	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.4	-12.7	57.5	-265.7	-118.9	-2.8
405	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-72.6	-9.6	53.3	-456.9	-126.3	-1.3
406	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-75.1	-10.5	48.0	-643.7	-139.9	-1.2
407	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-74.5	-12.6	46.6	-711.4	-141.5	2.3
408	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	2.0	-79.5	24.3	247.0	-118.8	-76.5
409	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-2.7	51.8	-29.4	53.4	-74.6	22.5
410	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-15.7	-66.1	53.6	262.8	-132.4	-40.5
411	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-41.7	-38.6	65.4	187.8	-120.4	-23.6
412	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-55.3	-21.1	65.1	-80.4	-121.4	18.5
413	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-61.7	-9.5	60.3	-264.9	-119.5	20.4
414	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-66.0	-4.6	53.7	-458.7	-126.8	18.0
415	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-61.3	-4.6	46.9	-649.4	-141.2	11.5
416	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-59.7	-9.5	44.9	-716.5	-142.5	5.1
417	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-10.7	-112.0	37.1	315.3	-130.3	-123.4
418	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	9.0	-84.0	12.8	149.3	-74.7	-143.9
419	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-34.6	-75.0	72.7	333.6	-116.8	-32.2
420	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-54.4	-37.1	75.3	207.7	-108.0	37.7
421	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-108.8	-11.7	-16.6	237.7	-22.2	-17.2
422	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-55.3	-5.3	60.7	-168.5	-90.2	44.3
423	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-103.7	-13.7	-26.8	255.8	31.6	-11.4
424	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-106.1	-18.5	-23.6	280.5	50.3	-4.8
425	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-103.0	-22.8	-26.4	205.2	41.6	-3.2
426	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-73.2	-164.9	71.4	637.0	-117.0	-290.6
427	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-99.6	62.1	-37.1	498.0	67.9	51.3
428	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-92.1	-72.2	94.6	458.4	-65.8	35.9
429	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-76.7	-22.9	65.5	241.3	-39.4	77.0
430	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-149.7	-7.0	-4.9	240.6	-15.5	-3.0
431	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-136.0	-9.9	-21.8	245.9	14.3	0.5
432	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-141.7	-12.6	-25.4	256.5	33.1	1.5
433	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-144.0	-20.9	-24.6	290.4	54.4	1.4
434	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-139.1	-30.4	-28.6	199.3	40.2	-1.9
435	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-224.1	-170.1	148.8	2560.0	-59.8	-840.4
436	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-146.7	130.5	-108.1	4021.3	1344.1	1955.5
437	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-138.7	-29.0	93.1	518.1	-60.1	140.9
438	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-97.1	-3.7	50.5	238.0	-21.5	114.6
439	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-188.6	-1.5	2.9	242.2	-1.9	25.6
440	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-173.1	-7.1	-16.1	251.6	19.3	7.7
441	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-183.4	-9.1	-22.4	262.0	31.9	11.7
442	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-187.5	-18.8	-26.5	287.4	53.4	23.6
443	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-181.9	-39.4	-33.2	178.0	37.1	5.0
444	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-396.2	-243.4	-149.7	-112.6	519.4	1441.5
445	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-130.8	109.1	-7.6	452.9	82.2	82.2
446	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-193.4	-6.1	-6.5	248.4	13.2	-3.9
447	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-195.4	-4.9	-7.2	245.2	17.5	-10.1
448	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-205.0	-5.2	-8.3	252.6	21.2	-7.2
449	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-220.7	-7.1	-10.9	277.6	31.9	-0.2
450	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-243.1	-5.9	-20.3	253.7	46.2	47.9
451	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-258.1	-161.5	-14.6	5932.7	1015.5	2775.0
452	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	23.2	129.2	-23.7	3127.8	2072.3	2160.3
453	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	119.4	-104.0	-28.6	-1273.3	1501.7	1116.9
454	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-15.0	-30.9	-29.7	384.4	573.8	708.2
455	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-2.4	25.4	-9.5	129.8	69.5	199.9
456	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	3.1	37.0	-17.9	39.4	10.4	82.7
457	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	3.6	70.4	-24.8	27.0	-37.3	44.4
458	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-1.1	84.2	-31.7	-22.7	-52.6	40.3
459	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-5.3	93.7	-15.4	-135.9	-66.6	39.4
460	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-7.5	127.5	9.0	-595.6	-166.8	19.1
461	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-75.8	6.7	75.9	2717.9	1481.3	-988.8
462	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	193.7	175.0	95.7	-7751.8	-2101.2	-2842.5
463	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	29.1	59.6	23.7	-1074.3	-227.4	-456.9
464	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-1.1	41.3	2.6	-137.5	-7.9	-37.3
465	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	1.2	71.3	-15.5	-22.7	-17.0	38.8
466	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	1.0	103.0	-18.0	-25.1	-35.2	42.5
467	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	1.0	131.3	-18.9	-43.7	-45.9	51.6
468	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.5	149.4	-15.6	-130.4	-84.2	109.0
469	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	57.0	169.8	-31.1	-770.1	-350.9	331.5
470	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	0.9	-32.5	-72.9	-6363.0	-1945.8	2186.3
Nodo		x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo

0.0	0.0	0.0	8.04	8.04	4.52	4.52	-396.21 193.75	-243.38 175.00	-149.66 154.08	-1.205e+04 1.344e+04	-4045.58 3030.68	-5819.29 5452.18
-----	-----	-----	------	------	------	------	-------------------	-------------------	-------------------	-------------------------	---------------------	---------------------

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
11	ok	0.57						
17	ok Av	10.73	0.14	0.49	3.6	12.2	49.1	167.4
18	ok Av	5.87	0.23	0.17	5.7	4.2	78.9	57.3
29	ok	0.34						
30	ok Av	9.40	0.26	0.34	6.4	8.6	87.8	117.5
355	ok	4.79						
356	ok	1.79						
357	ok	1.78						
358	ok	4.75						
359	ok	0.65						
360	ok	0.65						
361	ok	0.45						
362	ok	0.45						
363	ok	0.38						
364	ok	0.38						
365	ok	0.35						
366	ok	0.35						
367	ok	0.35						
368	ok	0.37						
369	ok	0.59						
370	ok	0.59						
371	ok	0.57						
372	ok	0.80						
373	ok	0.98						
374	ok	0.43						
375	ok	0.34						
376	ok	0.35						
377	ok	0.36						
378	ok	0.37						
379	ok	0.47						
380	ok	0.47						
381	ok	0.36						
382	ok	0.39						
383	ok	0.33						
384	ok	0.36						
385	ok	0.37						
386	ok	0.37						
387	ok	0.37						
388	ok	0.38						
389	ok	0.38						
390	ok	0.18						
391	ok	0.21						
392	ok	0.29						
393	ok	0.37						
394	ok	0.38						
395	ok	0.38						
396	ok	0.37						
397	ok	0.36						
398	ok	0.33						
399	ok	0.11						
400	ok	0.13						
401	ok	0.27						
402	ok	0.37						
403	ok	0.38						
404	ok	0.38						
405	ok	0.37						
406	ok	0.34						
407	ok	0.30						
408	ok	0.11						
409	ok	0.12						
410	ok	0.16						
411	ok	0.35						
412	ok	0.37						
413	ok	0.37						
414	ok	0.36						
415	ok	0.33						
416	ok	0.30						
417	ok	0.32						
418	ok	0.32						
419	ok	0.27						

420	ok	0.35						
421	ok	0.34						
422	ok	0.34						
423	ok	0.34						
424	ok	0.34						
425	ok	0.34						
426	ok	0.99						
427	ok	1.01						
428	ok	0.46						
429	ok	0.31						
430	ok	0.30						
431	ok	0.32						
432	ok	0.33						
433	ok	0.44						
434	ok	0.44						
435	ok Av	6.77	0.11	0.30	2.9	7.6	39.4	103.9
436	ok Av	9.40	0.26	0.34	6.4	8.6	87.8	117.5
437	ok	0.82						
438	ok	0.58						
439	ok	0.47						
440	ok	0.44						
441	ok	0.41						
442	ok	0.44						
443	ok	0.44						
444	ok Av	6.78	0.11	0.30	2.9	7.6	39.4	104.1
445	ok	0.82						
446	ok	0.58						
447	ok	0.47						
448	ok	0.44						
449	ok	0.41						
450	ok	0.40						
451	ok Av	5.33	0.11	0.22	2.7	5.5	36.7	75.0
452	ok Av	9.83	0.26	0.43	6.4	10.6	87.8	145.3
453	ok Av	5.22	0.11	0.21	2.7	5.3	36.7	73.1
454	ok	1.49						
455	ok	0.54						
456	ok	0.22						
457	ok	0.13						
458	ok	0.22						
459	ok	0.34						
460	ok	0.80						
461	ok Av	10.15	0.26	0.44	6.4	11.0	87.8	150.6
462	ok Av	5.98	0.23	0.18	5.7	4.4	78.9	60.3
463	ok	2.12						
464	ok	1.00						
465	ok	0.41						
466	ok	0.44						
467	ok	0.67						
468	ok	0.89						
469	ok	1.35						
470	ok Av	10.22	0.14	0.47	3.6	11.6	49.1	159.4
<b>Nodo</b>		<b>Max tau</b>	<b>Ver V pr</b>	<b>Ver V sec</b>	<b>Af V pr</b>	<b>Af V sec</b>	<b>V pr</b>	<b>V sec</b>
		10.73	0.26	0.49	6.39	12.19	87.78	167.43

Parete ND	H totale	Spessore	L totale	Verif. N-M	Verif. V	Prog. composta
	cm	cm	cm			
5	400.00	20.00	462.87	ok	ok	SI

Quota	Af std	Af V (ori)	Ver. N/M	Ver. V cls	Ver. V acc
cm					
0.0	1+1d16/25	1+1d12/25	0.28	0.09	0.05
32.0	1+1d16/25	1+1d12/25	0.26	0.09	0.05
33.0	1+1d16/25	1+1d12/25	0.26	0.09	0.05
34.0	1+1d16/25	1+1d12/25	0.25	0.09	0.05
35.0	1+1d16/25	1+1d12/25	0.25	0.09	0.05
36.0	1+1d16/25	1+1d12/25	0.25	0.09	0.05
37.0	1+1d16/25	1+1d12/25	0.24	0.10	0.05
38.0	1+1d16/25	1+1d12/25	0.24	0.10	0.05
39.0	1+1d16/25	1+1d12/25	0.24	0.10	0.05
40.0	1+1d16/25	1+1d12/25	0.23	0.09	0.05

64.0	1+1d16/25	1+1d12/25	0.22	0.09	0.05
66.0	1+1d16/25	1+1d12/25	0.21	0.09	0.05
68.0	1+1d16/25	1+1d12/25	0.21	0.09	0.05
70.0	1+1d16/25	1+1d12/25	0.20	0.09	0.05
72.0	1+1d16/25	1+1d12/25	0.20	0.09	0.05
74.0	1+1d16/25	1+1d12/25	0.20	0.10	0.05
76.0	1+1d16/25	1+1d12/25	0.19	0.10	0.05
78.0	1+1d16/25	1+1d12/25	0.19	0.10	0.05
80.0	1+1d16/25	1+1d12/25	0.18	0.09	0.05
96.0	1+1d16/25	1+1d12/25	0.18	0.09	0.05
99.0	1+1d16/25	1+1d12/25	0.17	0.09	0.05
102.0	1+1d16/25	1+1d12/25	0.16	0.09	0.05
105.0	1+1d16/25	1+1d12/25	0.16	0.09	0.05
108.0	1+1d16/25	1+1d12/25	0.16	0.09	0.05
111.0	1+1d16/25	1+1d12/25	0.15	0.10	0.05
114.0	1+1d16/25	1+1d12/25	0.15	0.10	0.05
117.0	1+1d16/25	1+1d12/25	0.15	0.09	0.05
120.0	1+1d16/25	1+1d12/25	0.14	0.09	0.05
128.0	1+1d16/25	1+1d12/25	0.14	0.09	0.05
132.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
136.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
140.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
144.0	1+1d16/25	1+1d12/25	0.12	0.09	0.05
148.0	1+1d16/25	1+1d12/25	0.12	0.09	0.05
152.0	1+1d16/25	1+1d12/25	0.12	0.09	0.05
156.0	1+1d16/25	1+1d12/25	0.12	0.09	0.05
160.0	1+1d16/25	1+1d12/25	0.11	0.09	0.05
165.0	1+1d16/25	1+1d12/25	0.11	0.09	0.05
170.0	1+1d16/25	1+1d12/25	0.11	0.09	0.05
175.0	1+1d16/25	1+1d12/25	0.11	0.09	0.05
180.0	1+1d16/25	1+1d12/25	0.12	0.09	0.05
185.0	1+1d16/25	1+1d12/25	0.12	0.09	0.05
190.0	1+1d16/25	1+1d12/25	0.12	0.09	0.05
192.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
195.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
198.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
200.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
204.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
210.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
216.0	1+1d16/25	1+1d12/25	0.14	0.09	0.05
222.0	1+1d16/25	1+1d12/25	0.14	0.09	0.05
224.0	1+1d16/25	1+1d12/25	0.14	0.09	0.05
228.0	1+1d16/25	1+1d12/25	0.14	0.09	0.05
231.0	1+1d16/25	1+1d12/25	0.14	0.09	0.05
234.0	1+1d16/25	1+1d12/25	0.15	0.09	0.05
238.0	1+1d16/25	1+1d12/25	0.15	0.09	0.05
240.0	1+1d16/25	1+1d12/25	0.15	0.09	0.05
245.0	1+1d16/25	1+1d12/25	0.15	0.09	0.05
252.0	1+1d16/25	1+1d12/25	0.16	0.09	0.05
256.0	1+1d16/25	1+1d12/25	0.16	0.09	0.05
259.0	1+1d16/25	1+1d12/25	0.16	0.09	0.05
264.0	1+1d16/25	1+1d12/25	0.17	0.09	0.05
266.0	1+1d16/25	1+1d12/25	0.17	0.09	0.05
272.0	1+1d16/25	1+1d12/25	0.18	0.09	0.05
273.0	1+1d16/25	1+1d12/25	0.18	0.09	0.05
280.0	1+1d16/25	1+1d12/25	0.18	0.09	0.05
288.0	1+1d16/25	1+1d12/25	0.19	0.09	0.05
296.0	1+1d16/25	1+1d12/25	0.19	0.09	0.05
297.0	1+1d16/25	1+1d12/25	0.20	0.09	0.05
304.0	1+1d16/25	1+1d12/25	0.20	0.09	0.05
306.0	1+1d16/25	1+1d12/25	0.20	0.09	0.05
312.0	1+1d16/25	1+1d12/25	0.19	0.09	0.05
315.0	1+1d16/25	1+1d12/25	0.19	0.09	0.05
320.0	1+1d16/25	1+1d12/25	0.18	0.08	0.05
324.0	1+1d16/25	1+1d12/25	0.13	0.09	0.05
325.0	1+1d16/25	1+1d12/25	0.14	0.09	0.05
330.0	1+1d16/25	1+1d12/25	0.15	0.10	0.06
333.0	1+1d16/25	1+1d12/25	0.15	0.10	0.06
335.0	1+1d16/25	1+1d12/25	0.16	0.10	0.06
340.0	1+1d16/25	1+1d12/25	0.17	0.11	0.06
342.0	1+1d16/25	1+1d12/25	0.18	0.11	0.06
345.0	1+1d16/25	1+1d12/25	0.20	0.13	0.07
350.0	1+1d16/25	1+1d12/25	0.20	0.13	0.07
351.0	1+1d16/25	1+1d12/25	0.20	0.13	0.07
355.0	1+1d16/25	1+1d12/25	0.24	0.15	0.08
360.0	1+1d16/25	1+1d12/25	0.27	0.11	0.06
365.0	1+1d16/25	1+1d12/25	0.30	0.09	0.05

370.0	1+1d16/25	1+1d12/25	0.36	0.07	0.04
375.0	1+1d16/25	1+1d12/25	0.36	0.06	0.03
380.0	1+1d16/25	1+1d12/25	0.46	0.06	0.03
385.0	1+1d16/25	1+1d12/25	0.46	0.10	0.06
390.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0
395.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0
400.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0

<b>Quota</b>	<b>Ver. N/M</b>	<b>Ver. V cls</b>	<b>Ver. V acc</b>
	0.46	0.15	0.08

Quota	N v.M/N	M v.M/N	Mo v.M/N	N v.Vcls	V v.Vcls	V v.Vacc	Ctg Vcls	Vrcl Vcls	Ctg Vac	Vrsl Vac
cm	daN	daN cm	daN cm	daN	daN	daN		daN		daN
0.0	-2.345e+04	5.286e+06	4.160e+05	-2.557e+04	1.654e+04	1.654e+04	2.50	1.762e+05	2.50	3.140e+05
32.0	-2.345e+04	5.397e+06	3.711e+05	-2.556e+04	1.651e+04	1.651e+04	2.50	1.762e+05	2.50	3.140e+05
33.0	-2.440e+04	5.207e+06	3.629e+05	-2.441e+04	1.597e+04	1.597e+04	2.50	1.760e+05	2.50	3.140e+05
34.0	-2.426e+04	5.229e+06	3.536e+05	-2.438e+04	1.616e+04	1.616e+04	2.50	1.760e+05	2.50	3.140e+05
35.0	-2.422e+04	5.236e+06	3.457e+05	-2.422e+04	1.635e+04	1.635e+04	2.50	1.760e+05	2.50	3.140e+05
36.0	-2.411e+04	5.242e+06	3.385e+05	-2.414e+04	1.655e+04	1.655e+04	2.50	1.760e+05	2.50	3.140e+05
37.0	-2.396e+04	5.241e+06	3.314e+05	-2.408e+04	1.675e+04	1.675e+04	2.50	1.760e+05	2.50	3.140e+05
38.0	-2.376e+04	5.226e+06	3.243e+05	-2.407e+04	1.693e+04	1.693e+04	2.50	1.760e+05	2.50	3.140e+05
39.0	-2.365e+04	5.214e+06	3.170e+05	-2.396e+04	1.708e+04	1.708e+04	2.50	1.760e+05	2.50	3.140e+05
40.0	-2.238e+04	4.962e+06	3.122e+05	-2.496e+04	1.653e+04	1.653e+04	2.50	1.761e+05	2.50	3.140e+05
64.0	-2.238e+04	5.046e+06	2.792e+05	-2.495e+04	1.653e+04	1.653e+04	2.50	1.761e+05	2.50	3.140e+05
66.0	-2.318e+04	4.892e+06	2.694e+05	-2.398e+04	1.629e+04	1.629e+04	2.50	1.760e+05	2.50	3.140e+05
68.0	-2.333e+04	4.876e+06	2.599e+05	-2.364e+04	1.623e+04	1.623e+04	2.50	1.759e+05	2.50	3.140e+05
70.0	-2.328e+04	4.887e+06	2.507e+05	-2.350e+04	1.639e+04	1.639e+04	2.50	1.759e+05	2.50	3.140e+05
72.0	-2.317e+04	4.896e+06	2.419e+05	-2.341e+04	1.658e+04	1.658e+04	2.50	1.759e+05	2.50	3.140e+05
74.0	-2.299e+04	4.897e+06	2.333e+05	-2.337e+04	1.675e+04	1.675e+04	2.50	1.759e+05	2.50	3.140e+05
76.0	-2.277e+04	4.885e+06	2.249e+05	-2.337e+04	1.687e+04	1.687e+04	2.50	1.759e+05	2.50	3.140e+05
78.0	-2.233e+04	4.827e+06	2.171e+05	-2.356e+04	1.675e+04	1.675e+04	2.50	1.759e+05	2.50	3.140e+05
80.0	-2.132e+04	4.630e+06	2.094e+05	-2.434e+04	1.651e+04	1.651e+04	2.50	1.760e+05	2.50	3.140e+05
96.0	-2.132e+04	4.687e+06	1.876e+05	-2.434e+04	1.652e+04	1.652e+04	2.50	1.760e+05	2.50	3.140e+05
99.0	-2.201e+04	4.557e+06	1.746e+05	-2.347e+04	1.641e+04	1.641e+04	2.50	1.759e+05	2.50	3.140e+05
102.0	-2.230e+04	4.526e+06	1.624e+05	-2.300e+04	1.635e+04	1.635e+04	2.50	1.758e+05	2.50	3.140e+05
105.0	-2.232e+04	4.534e+06	1.505e+05	-2.279e+04	1.644e+04	1.644e+04	2.50	1.758e+05	2.50	3.140e+05
108.0	-2.222e+04	4.546e+06	1.397e+05	-2.270e+04	1.659e+04	1.659e+04	2.50	1.758e+05	2.50	3.140e+05
111.0	-2.201e+04	4.550e+06	1.300e+05	-2.269e+04	1.671e+04	1.671e+04	2.50	1.758e+05	2.50	3.140e+05
114.0	-2.169e+04	4.531e+06	1.206e+05	-2.278e+04	1.673e+04	1.673e+04	2.50	1.758e+05	2.50	3.140e+05
117.0	-2.113e+04	4.461e+06	1.115e+05	-2.309e+04	1.660e+04	1.660e+04	2.50	1.759e+05	2.50	3.140e+05
120.0	-2.025e+04	4.295e+06	1.022e+05	-2.372e+04	1.648e+04	1.648e+04	2.50	1.759e+05	2.50	3.140e+05
128.0	-2.025e+04	4.325e+06	9.137e+04	-2.372e+04	1.649e+04	1.649e+04	2.50	1.759e+05	2.50	3.140e+05
132.0	-2.089e+04	4.211e+06	8.071e+04	-2.291e+04	1.644e+04	1.644e+04	2.50	1.758e+05	2.50	3.140e+05
136.0	-2.124e+04	4.174e+06	7.029e+04	-2.238e+04	1.641e+04	1.641e+04	2.50	1.758e+05	2.50	3.140e+05
140.0	-2.134e+04	4.179e+06	6.003e+04	-2.211e+04	1.648e+04	1.648e+04	2.50	1.757e+05	2.50	3.140e+05
144.0	-2.124e+04	4.195e+06	4.928e+04	-2.202e+04	1.658e+04	1.658e+04	2.50	1.757e+05	2.50	3.140e+05
148.0	-2.100e+04	4.201e+06	3.818e+04	-2.204e+04	1.666e+04	1.666e+04	2.50	1.757e+05	2.50	3.140e+05
152.0	-2.059e+04	4.179e+06	2.767e+04	-2.221e+04	1.663e+04	1.663e+04	2.50	1.757e+05	2.50	3.140e+05
156.0	-1.997e+04	4.104e+06	1.754e+04	-2.256e+04	1.651e+04	1.651e+04	2.50	1.758e+05	2.50	3.140e+05
160.0	-1.919e+04	3.961e+06	7265.79	-2.308e+04	1.644e+04	1.644e+04	2.50	1.759e+05	2.50	3.140e+05
165.0	-1.980e+04	3.857e+06	4762.67	-2.229e+04	1.643e+04	1.643e+04	2.50	1.757e+05	2.50	3.140e+05
170.0	-2.020e+04	3.819e+06	2.032e+04	-2.174e+04	1.644e+04	1.644e+04	2.50	1.757e+05	2.50	3.140e+05
175.0	-2.033e+04	3.825e+06	3.850e+04	-2.145e+04	1.649e+04	1.649e+04	2.50	1.756e+05	2.50	3.140e+05
180.0	-2.024e+04	3.845e+06	5.557e+04	-2.134e+04	1.656e+04	1.656e+04	2.50	1.756e+05	2.50	3.140e+05
185.0	-1.991e+04	3.852e+06	7.151e+04	-2.146e+04	1.660e+04	1.660e+04	2.50	1.756e+05	2.50	3.140e+05
190.0	-1.943e+04	3.829e+06	8.667e+04	-2.170e+04	1.656e+04	1.656e+04	2.50	1.757e+05	2.50	3.140e+05
192.0	-1.918e+04	3.805e+06	9.254e+04	-2.186e+04	1.652e+04	1.652e+04	2.50	1.757e+05	2.50	3.140e+05
195.0	-1.908e+04	3.687e+06	1.056e+05	-2.167e+04	1.645e+04	1.645e+04	2.50	1.757e+05	2.50	3.140e+05
198.0	-1.895e+04	3.562e+06	1.184e+05	-2.153e+04	1.640e+04	1.640e+04	2.50	1.756e+05	2.50	3.140e+05
200.0	-1.879e+04	3.482e+06	1.264e+05	-2.150e+04	1.640e+04	1.640e+04	2.50	1.756e+05	2.50	3.140e+05
204.0	-1.908e+04	3.459e+06	1.337e+05	-2.114e+04	1.643e+04	1.643e+04	2.50	1.756e+05	2.50	3.140e+05
210.0	-1.923e+04	3.470e+06	1.455e+05	-2.083e+04	1.647e+04	1.647e+04	2.50	1.756e+05	2.50	3.140e+05
216.0	-1.914e+04	3.496e+06	1.525e+05	-2.073e+04	1.652e+04	1.652e+04	2.50	1.755e+05	2.50	3.140e+05
222.0	-1.888e+04	3.510e+06	1.595e+05	-2.080e+04	1.655e+04	1.655e+04	2.50	1.755e+05	2.50	3.140e+05
224.0	-1.872e+04	3.506e+06	1.619e+05	-2.090e+04	1.655e+04	1.655e+04	2.50	1.756e+05	2.50	3.140e+05
228.0	-1.873e+04	3.412e+06	1.700e+05	-2.063e+04	1.655e+04	1.655e+04	2.50	1.755e+05	2.50	3.140e+05
231.0	-1.865e+04	3.336e+06	1.773e+05	-2.049e+04	1.653e+04	1.653e+04	2.50	1.755e+05	2.50	3.140e+05
234.0	-1.845e+04	3.258e+06	1.844e+05	-2.042e+04	1.647e+04	1.647e+04	2.50	1.755e+05	2.50	3.140e+05
238.0	-1.828e+04	3.152e+06	1.940e+05	-2.034e+04	1.641e+04	1.641e+04	2.50	1.755e+05	2.50	3.140e+05
240.0	-1.805e+04	3.101e+06	1.983e+05	-2.033e+04	1.640e+04	1.640e+04	2.50	1.755e+05	2.50	3.140e+05
245.0	-1.814e+04	3.117e+06	2.068e+05	-2.011e+04	1.643e+04	1.643e+04	2.50	1.755e+05	2.50	3.140e+05
252.0	-1.807e+04	3.150e+06	2.176e+05	-2.002e+04	1.645e+04	1.645e+04	2.50	1.754e+05	2.50	3.140e+05
256.0	-1.792e+04	3.165e+06	2.235e+05	-2.007e+04	1.647e+04	1.647e+04	2.50	1.755e+05	2.50	3.140e+05
259.0	-1.807e+04	3.115e+06	2.309e+05	-1.982e+04	1.656e+04	1.656e+04	2.50	1.754e+05	2.50	3.140e+05
264.0	-1.813e+04	3.030e+06	2.480e+05	-1.953e+04	1.640e+04	1.640e+04	2.50	1.754e+05	2.50	3.140e+05

266.0	-1.803e+04	3.012e+06	2.531e+05	-1.944e+04	1.640e+04	1.640e+04	2.50	1.754e+05	2.50	3.140e+05
272.0	-1.778e+04	2.901e+06	2.660e+05	-1.957e+04	1.631e+04	1.631e+04	2.50	1.754e+05	2.50	3.140e+05
273.0	-1.766e+04	2.884e+06	2.677e+05	-1.957e+04	1.626e+04	1.626e+04	2.50	1.754e+05	2.50	3.140e+05
280.0	-1.691e+04	2.738e+06	2.796e+05	-1.936e+04	1.608e+04	1.608e+04	2.50	1.754e+05	2.50	3.140e+05
288.0	-1.689e+04	2.783e+06	2.893e+05	-1.926e+04	1.615e+04	1.615e+04	2.50	1.753e+05	2.50	3.140e+05
296.0	-1.684e+04	2.778e+06	2.978e+05	-1.797e+04	1.554e+04	1.554e+04	2.50	1.752e+05	2.50	3.140e+05
297.0	-1.655e+04	2.825e+06	3.144e+05	-1.758e+04	1.490e+04	1.490e+04	2.50	1.751e+05	2.50	3.140e+05
304.0	-1.523e+04	2.972e+06	3.113e+05	-1.651e+04	1.510e+04	1.510e+04	2.50	1.750e+05	2.50	3.140e+05
306.0	-1.553e+04	2.923e+06	3.086e+05	-1.701e+04	1.536e+04	1.536e+04	2.50	1.750e+05	2.50	3.140e+05
312.0	-1.468e+04	2.836e+06	3.027e+05	-1.693e+04	1.559e+04	1.559e+04	2.50	1.750e+05	2.50	3.140e+05
315.0	-1.516e+04	2.912e+06	2.982e+05	-1.766e+04	1.611e+04	1.611e+04	2.50	1.751e+05	2.50	3.140e+05
320.0	-1.294e+04	2.480e+06	2.917e+05	-1.611e+04	1.472e+04	1.472e+04	2.50	1.749e+05	2.50	3.140e+05
324.0	-1.230e+04	2.514e+06	1.599e+05	-1.516e+04	1.578e+04	1.578e+04	2.50	1.704e+05	2.50	3.058e+05
325.0	-1.175e+04	2.604e+06	1.912e+05	-1.457e+04	1.541e+04	1.541e+04	2.50	1.692e+05	2.50	3.038e+05
330.0	-1.160e+04	2.500e+06	1.770e+05	-1.355e+04	1.570e+04	1.570e+04	2.50	1.536e+05	2.50	2.759e+05
333.0	-1.167e+04	2.406e+06	1.756e+05	-1.333e+04	1.551e+04	1.551e+04	2.50	1.502e+05	2.50	2.697e+05
335.0	-1.168e+04	2.338e+06	1.752e+05	-1.325e+04	1.548e+04	1.548e+04	2.50	1.480e+05	2.50	2.657e+05
340.0	-1.163e+04	2.187e+06	1.740e+05	-1.266e+04	1.507e+04	1.507e+04	2.50	1.325e+05	2.50	2.377e+05
342.0	-1.166e+04	2.120e+06	1.739e+05	-1.258e+04	1.490e+04	1.490e+04	2.50	1.303e+05	2.50	2.336e+05
345.0	-1.162e+04	2.017e+06	1.741e+05	-1.253e+04	1.483e+04	1.483e+04	2.50	1.171e+05	2.50	2.098e+05
350.0	-1.144e+04	1.830e+06	1.749e+05	-1.211e+04	1.402e+04	1.402e+04	2.50	1.115e+05	2.50	1.996e+05
351.0	-1.142e+04	1.786e+06	1.753e+05	-1.207e+04	1.383e+04	1.383e+04	2.50	1.103e+05	2.50	1.975e+05
355.0	-1.128e+04	1.633e+06	1.763e+05	-1.260e+04	1.417e+04	1.417e+04	2.50	9.608e+04	2.50	1.717e+05
360.0	-1.389e+04	1.633e+06	1.977e+05	-1.587e+04	1.013e+04	1.013e+04	2.50	9.099e+04	2.50	1.614e+05
365.0	-1.351e+04	1.386e+06	1.823e+05	-1.443e+04	7022.88	7022.88	2.50	7.533e+04	2.50	1.335e+05
370.0	-1.317e+04	1.151e+06	1.728e+05	-1.297e+04	4403.79	4403.79	2.50	5.965e+04	2.50	1.056e+05
375.0	-1.327e+04	9.240e+05	1.650e+05	-1.201e+04	3242.33	3242.33	2.50	5.402e+04	2.50	9.537e+04
380.0	-1.319e+04	7.476e+05	1.567e+05	-1.088e+04	2186.62	2186.62	2.50	3.835e+04	2.50	6.746e+04
385.0	-1.395e+04	5.540e+05	1.488e+05	-1.086e+04	3425.70	3425.70	2.50	3.288e+04	2.50	5.722e+04
390.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
395.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
21	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-200.1	-44.6	34.5	-945.4	-160.5	50.7
22	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-1701.4	-225.6	-814.2	9667.4	1756.8	4501.3
39	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-181.8	-44.1	-38.4	22.4	34.7	0.8
40	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	0.5	-224.3	100.1	1.104e+04	6975.9	-7677.9
492	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-193.2	-31.1	21.5	-908.8	-193.1	-28.5
493	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-139.7	-21.4	20.0	-746.4	-156.2	-49.1
494	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-174.3	-8.1	13.8	-709.0	-41.9	-22.9
495	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-100.2	-22.5	20.8	-792.7	-157.9	-5.6
496	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-134.5	-18.1	19.9	-714.9	-152.2	-33.9
497	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.7	-15.6	20.4	-736.6	-146.5	-1.3
498	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-93.2	-16.8	20.0	-684.7	-146.8	-15.2
499	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-59.9	-9.6	19.4	-738.1	-146.8	3.4
500	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-59.2	-12.4	22.4	-693.9	-150.2	8.3
501	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-81.8	-13.8	-39.1	295.0	59.8	-2.5
502	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-57.4	-14.7	-37.4	349.8	63.1	6.2
503	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-105.8	-17.9	-37.0	259.7	52.1	1.0
504	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-106.3	-18.7	-38.5	342.6	68.0	21.6
505	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-103.3	-23.9	-37.8	171.2	35.9	-1.3
506	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-102.0	-23.2	-34.4	324.0	66.7	32.1
507	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-165.7	-16.8	-27.7	242.2	86.9	81.1
508	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-141.7	-13.5	19.5	-517.1	-107.8	-61.9
509	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-180.4	-8.3	13.1	-555.5	-31.1	-58.6
510	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-100.3	-17.6	18.7	-516.1	-132.3	-53.1
511	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-89.4	-16.0	21.6	-515.6	-136.5	-23.9
512	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-55.4	-13.8	25.5	-528.3	-143.7	14.3
513	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-54.8	-14.4	-40.0	324.3	41.1	5.7
514	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-72.9	-16.8	-38.0	327.8	46.9	30.8
515	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-101.4	-16.0	-36.0	310.4	44.8	56.3
516	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-139.2	-10.5	-17.7	320.9	56.8	50.8
517	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-138.2	-10.8	14.2	-323.7	-79.4	-78.9
518	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-171.8	-5.3	9.5	-335.3	-22.1	-97.9
519	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-97.4	-16.9	17.2	-322.6	-114.8	-60.3
520	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-84.4	-15.8	21.6	-332.8	-127.7	-29.1
521	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-58.2	-12.0	-48.2	286.7	11.7	-29.1
522	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-51.6	-14.1	-41.6	308.0	15.8	10.1
523	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-69.8	-14.0	-38.3	318.4	25.4	33.1
524	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-94.6	-11.1	-32.3	323.3	33.6	56.9
525	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-119.3	-7.0	-13.3	334.8	41.5	43.1
526	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-160.6	-2.4	-4.2	-124.2	-42.4	-113.8
527	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-167.6	-3.9	7.4	-120.5	-15.8	-103.9

528	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-92.1	-18.8	13.4	-137.3	-101.8	-66.3
529	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-44.8	-9.7	-55.3	255.5	-9.1	-71.1
530	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-53.2	-13.3	-50.4	272.7	-15.2	-39.5
531	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.5	-13.1	-42.7	270.9	-18.5	-0.2
532	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-89.5	-8.1	-31.8	289.3	-23.5	43.1
533	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-86.1	-8.2	-28.6	306.1	15.2	69.4
534	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-103.2	-5.2	-11.2	309.4	33.5	35.8
535	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-144.3	-3.0	-12.8	203.9	-15.2	-129.8
536	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-156.7	-1.5	4.6	221.2	7.9	-112.1
537	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-46.9	-11.2	-51.4	262.7	-15.0	-105.2
538	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.6	-14.5	-58.3	242.4	-28.7	-75.0
539	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-46.6	-15.6	-51.2	248.3	-39.8	-49.8
540	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-59.2	-13.7	-40.9	276.9	-48.8	-16.3
541	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-79.2	-8.0	-27.3	319.1	-45.0	29.7
542	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-99.7	-1.5	-10.6	349.9	-5.9	80.1
543	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-89.7	-4.3	-10.3	363.6	24.4	30.2
544	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-146.0	-7.6	-24.7	356.0	-8.8	-125.4
545	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-167.9	-0.8	2.9	410.4	12.4	-111.2
546	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-91.6	-25.9	-8.6	296.3	-76.6	-67.4
547	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-48.9	-29.0	17.5	256.2	-118.4	-32.2
548	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-36.7	-17.4	-51.0	146.0	-71.6	-54.5
549	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-43.4	-13.4	-39.1	168.5	-94.5	-36.3
550	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-52.0	-10.3	-30.4	342.6	-58.5	1.1
551	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-88.3	-1.2	-7.4	418.0	0.9	62.9
552	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-77.9	-3.6	-10.1	444.4	24.3	42.0
553	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-154.7	-21.3	-47.8	565.8	-8.1	-99.9
554	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-193.4	6.7	2.9	658.6	25.5	-99.6
555	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.5	-40.0	-13.4	389.4	-81.3	-37.0
556	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-13.5	-31.6	-45.7	214.2	-63.2	-47.4
557	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-20.1	-22.2	-42.1	174.7	-72.9	-54.0
558	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.5	-14.4	-36.3	191.2	-82.2	-69.8
559	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-54.9	-10.6	-17.9	299.9	-103.1	-56.8
560	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-80.3	-0.8	-3.9	460.3	13.8	20.0
561	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-66.5	-2.6	-11.1	519.5	30.8	24.1
562	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-191.5	-90.2	-131.1	799.4	-96.4	-66.9
563	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-236.0	100.1	40.9	1090.2	149.3	-22.4
564	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-23.0	-55.2	-61.9	346.2	-93.3	-1.6
565	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-8.2	-36.9	-37.3	220.4	-66.8	-6.6
566	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-16.8	-23.4	-35.9	133.3	-71.8	-42.0
567	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	8.4	-21.7	45.3	295.0	-110.6	-56.6
568	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.1	-23.0	46.9	458.8	-144.9	-142.7
569	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-15.6	-18.6	51.3	1003.7	-39.7	-41.3
570	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-54.1	-0.8	-13.1	844.9	73.5	-37.6
571	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-41.7	-161.8	-56.4	940.7	-190.4	283.8
572	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-670.5	-426.5	-138.1	2158.7	-110.1	457.4
573	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	9.8	-33.6	31.1	584.6	-102.9	229.0
574	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	17.3	19.3	53.2	397.1	-58.2	177.5
575	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	16.7	17.3	52.6	255.7	-35.7	67.7
576	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	7.9	-6.1	52.7	222.4	-41.6	-46.6
577	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	17.4	-14.2	42.8	291.4	44.0	-309.5
578	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-4.2	-62.9	74.4	827.6	1288.8	-1384.2
579	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-32.2	49.6	-35.7	582.3	-2274.9	1574.1
580	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	48.8	148.4	145.0	774.3	-1283.6	-126.1
581	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	36.3	69.1	61.0	511.1	-161.9	125.5
582	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	21.2	44.8	58.2	283.4	-130.3	82.5
583	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	4.0	8.7	46.0	179.6	-43.4	55.5
584	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	13.3	11.0	49.1	99.8	-33.4	-22.2
585	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-14.0	29.4	-21.9	-157.9	-86.9	-83.8
586	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	9.3	-87.0	32.1	120.8	-3.1	-494.6
1361	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	113.0	-83.4	4.2	1722.8	1721.5	836.3
1362	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	31.9	18.5	77.4	728.9	270.8	360.6
1363	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	12.0	27.7	65.3	449.3	129.1	172.6
1364	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	10.5	29.8	60.3	258.0	52.0	104.3
1365	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	10.8	24.3	55.7	153.0	24.5	34.6
1366	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.9	-20.1	44.4	72.3	37.6	-45.2
1367	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	7.8	-37.1	38.3	88.2	71.9	-225.2
1368	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-93.1	-93.2	-61.4	-6480.5	-3078.2	2110.1

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+Af	sec-Af	sec+	N z	N o	N zo	M z	M o	M zo
	0.0	0.0	0.0	8.04	8.04	4.52	4.52	-1701.38	-426.50	-814.23	-6480.48	-3078.18	-7677.89
								113.03	148.44	144.95	1.104e+04	6975.87	4501.32

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
21	ok	0.50						

22	ok Av	17.28	0.73	0.34	18.2	8.7	249.6	119.9
39	ok	0.70						
40	ok Av	8.18	0.19	0.32	4.7	8.0	65.1	109.7
492	ok	0.50						
493	ok	0.52						
494	ok	0.52						
495	ok	0.40						
496	ok	0.39						
497	ok	0.28						
498	ok	0.30						
499	ok	0.26						
500	ok	0.29						
501	ok	0.31						
502	ok	0.36						
503	ok	0.52						
504	ok	0.54						
505	ok	0.70						
506	ok	0.71						
507	ok	0.70						
508	ok	0.34						
509	ok	0.30						
510	ok	0.34						
511	ok	0.30						
512	ok	0.31						
513	ok	0.36						
514	ok	0.44						
515	ok	0.54						
516	ok	0.54						
517	ok	0.31						
518	ok	0.27						
519	ok	0.31						
520	ok	0.30						
521	ok	0.31						
522	ok	0.36						
523	ok	0.40						
524	ok	0.49						
525	ok	0.49						
526	ok	0.29						
527	ok	0.25						
528	ok	0.30						
529	ok	0.30						
530	ok	0.31						
531	ok	0.35						
532	ok	0.37						
533	ok	0.49						
534	ok	0.49						
535	ok	0.28						
536	ok	0.27						
537	ok	0.29						
538	ok	0.30						
539	ok	0.31						
540	ok	0.33						
541	ok	0.37						
542	ok	0.53						
543	ok	0.53						
544	ok	0.32						
545	ok	0.32						
546	ok	0.28						
547	ok	0.30						
548	ok	0.30						
549	ok	0.32						
550	ok	0.39						
551	ok	0.64						
552	ok	0.64						
553	ok	0.45						
554	ok	0.45						
555	ok	0.32						
556	ok	0.25						
557	ok	0.15						
558	ok	0.30						
559	ok	0.46						
560	ok	0.94						
561	ok	0.95						
562	ok	0.87						
563	ok	0.86						
564	ok	0.35						
565	ok	0.20						

566	ok	0.11						
567	ok	0.16						
568	ok	0.57						
569	ok	1.81						
570	ok	1.84						
571	ok Av	6.68	0.10	0.29	2.6	7.1	35.4	98.0
572	ok Av	19.83	0.28	0.87	6.9	22.0	94.1	302.6
573	ok	3.16						
574	ok	1.87						
575	ok	0.91						
576	ok	0.46						
577	ok	1.95						
578	ok Av	7.40	0.19	0.32	4.7	7.9	65.1	108.3
579	ok Av	7.99	0.19	0.35	4.7	8.6	65.1	118.1
580	ok Av	12.74	0.26	0.52	6.5	12.9	88.7	177.8
581	ok Av	5.24	0.09	0.22	2.2	5.5	29.9	76.1
582	ok	3.08						
583	ok	1.77						
584	ok	0.88						
585	ok	0.97						
586	ok Av	6.88	0.23	0.21	5.8	5.2	79.6	72.0
1361	ok Av	23.06	0.95	0.46	23.6	11.4	323.7	156.8
1362	ok	1.81						
1363	ok	0.87						
1364	ok	0.51						
1365	ok	0.60						
1366	ok	1.21						
1367	ok	2.87						
1368	ok Av	8.46	0.19	0.34	4.7	8.4	65.1	114.7
<b>Nodo</b>		<b>Max tau</b> 23.06	<b>Ver V pr</b> 0.95	<b>Ver V sec</b> 0.87	<b>Af V pr</b> 23.57	<b>Af V sec</b> 22.03	<b>V pr</b> 323.70	<b>V sec</b> 302.55

Parete ND	H totale	Spessore	L totale	Verif. N-M	Verif. V	Prog. composta
	cm	cm	cm			
6	400.00	20.00	472.61	ok	ok	SI

Quota cm	Af std	Af V (ori)	Ver. N/M	Ver. V cls	Ver. V acc
0.0	1+1d16/25	1+1d12/25	0.14	0.06	0.04
40.0	1+1d16/25	1+1d12/25	0.14	0.06	0.03
41.0	1+1d16/25	1+1d12/25	0.13	0.06	0.03
42.0	1+1d16/25	1+1d12/25	0.13	0.06	0.03
43.0	1+1d16/25	1+1d12/25	0.12	0.06	0.03
44.0	1+1d16/25	1+1d12/25	0.12	0.06	0.03
45.0	1+1d16/25	1+1d12/25	0.12	0.06	0.03
46.0	1+1d16/25	1+1d12/25	0.12	0.06	0.04
47.0	1+1d16/25	1+1d12/25	0.12	0.06	0.04
48.0	1+1d16/25	1+1d12/25	0.11	0.06	0.04
49.0	1+1d16/25	1+1d12/25	0.11	0.06	0.04
50.0	1+1d16/25	1+1d12/25	0.11	0.06	0.03
80.0	1+1d16/25	1+1d12/25	0.11	0.06	0.04
82.0	1+1d16/25	1+1d12/25	0.10	0.06	0.03
84.0	1+1d16/25	1+1d12/25	0.10	0.06	0.03
86.0	1+1d16/25	1+1d12/25	0.10	0.06	0.03
88.0	1+1d16/25	1+1d12/25	0.10	0.06	0.03
90.0	1+1d16/25	1+1d12/25	0.09	0.06	0.03
92.0	1+1d16/25	1+1d12/25	0.09	0.06	0.04
94.0	1+1d16/25	1+1d12/25	0.09	0.06	0.04
96.0	1+1d16/25	1+1d12/25	0.09	0.06	0.04
98.0	1+1d16/25	1+1d12/25	0.09	0.06	0.04
100.0	1+1d16/25	1+1d12/25	0.09	0.06	0.03
120.0	1+1d16/25	1+1d12/25	0.09	0.06	0.03
123.0	1+1d16/25	1+1d12/25	0.09	0.06	0.03
126.0	1+1d16/25	1+1d12/25	0.09	0.06	0.03
129.0	1+1d16/25	1+1d12/25	0.09	0.06	0.03
132.0	1+1d16/25	1+1d12/25	0.09	0.06	0.03
135.0	1+1d16/25	1+1d12/25	0.09	0.06	0.03
138.0	1+1d16/25	1+1d12/25	0.09	0.06	0.04
141.0	1+1d16/25	1+1d12/25	0.09	0.06	0.04
144.0	1+1d16/25	1+1d12/25	0.08	0.06	0.04

147.0	1+1d16/25	1+1d12/25	0.08	0.06	0.03
150.0	1+1d16/25	1+1d12/25	0.08	0.06	0.03
160.0	1+1d16/25	1+1d12/25	0.08	0.06	0.03
164.0	1+1d16/25	1+1d12/25	0.08	0.06	0.03
168.0	1+1d16/25	1+1d12/25	0.08	0.06	0.03
172.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
176.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
180.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
184.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
188.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
192.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
196.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
200.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
205.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
210.0	1+1d16/25	1+1d12/25	0.06	0.06	0.03
215.0	1+1d16/25	1+1d12/25	0.06	0.06	0.03
220.0	1+1d16/25	1+1d12/25	0.06	0.06	0.03
225.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
230.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
235.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
240.0	1+1d16/25	1+1d12/25	0.07	0.06	0.03
245.0	1+1d16/25	1+1d12/25	0.06	0.06	0.03
246.0	1+1d16/25	1+1d12/25	0.06	0.06	0.04
250.0	1+1d16/25	1+1d12/25	0.06	0.06	0.04
252.0	1+1d16/25	1+1d12/25	0.06	0.06	0.04
258.0	1+1d16/25	1+1d12/25	0.06	0.06	0.03
264.0	1+1d16/25	1+1d12/25	0.06	0.06	0.03
270.0	1+1d16/25	1+1d12/25	0.06	0.06	0.04
276.0	1+1d16/25	1+1d12/25	0.06	0.06	0.04
280.0	1+1d16/25	1+1d12/25	0.06	0.06	0.04
282.0	1+1d16/25	1+1d12/25	0.06	0.08	0.05
287.0	1+1d16/25	1+1d12/25	0.06	0.10	0.06
288.0	1+1d16/25	1+1d12/25	0.06	0.10	0.06
294.0	1+1d16/25	1+1d12/25	0.06	0.11	0.06
300.0	1+1d16/25	1+1d12/25	0.06	0.10	0.06
301.0	1+1d16/25	1+1d12/25	0.06	0.10	0.06
308.0	1+1d16/25	1+1d12/25	0.06	0.10	0.05
315.0	1+1d16/25	1+1d12/25	0.06	0.09	0.05
320.0	1+1d16/25	1+1d12/25	0.07	0.08	0.05
322.0	1+1d16/25	1+1d12/25	0.09	0.11	0.06
324.0	1+1d16/25	1+1d12/25	0.10	0.11	0.06
328.0	1+1d16/25	1+1d12/25	0.10	0.11	0.06
329.0	1+1d16/25	1+1d12/25	0.11	0.12	0.07
332.0	1+1d16/25	1+1d12/25	0.11	0.11	0.06
336.0	1+1d16/25	1+1d12/25	0.11	0.11	0.06
340.0	1+1d16/25	1+1d12/25	0.12	0.11	0.06
343.0	1+1d16/25	1+1d12/25	0.12	0.10	0.06
344.0	1+1d16/25	1+1d12/25	0.12	0.11	0.06
348.0	1+1d16/25	1+1d12/25	0.14	0.08	0.05
350.0	1+1d16/25	1+1d12/25	0.12	0.08	0.05
352.0	1+1d16/25	1+1d12/25	0.12	0.08	0.05
356.0	1+1d16/25	1+1d12/25	0.15	0.09	0.05
360.0	1+1d16/25	1+1d12/25	0.15	0.09	0.05
364.0	1+1d16/25	1+1d12/25	0.19	0.09	0.05
368.0	1+1d16/25	1+1d12/25	0.19	0.08	0.05
372.0	1+1d16/25	1+1d12/25	0.24	0.09	0.05
376.0	1+1d16/25	1+1d12/25	0.24	0.07	0.04
380.0	1+1d16/25	1+1d12/25	0.31	0.06	0.04
384.0	1+1d16/25	1+1d12/25	0.30	0.04	0.02
388.0	1+1d16/25	1+1d12/25	0.39	0.12	0.07
392.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0
396.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0
400.0	1+1d16/25	1+1d12/25	0.0	0.0	0.0

<b>Quota</b>	<b>Ver. N/M</b>	<b>Ver. V cls</b>	<b>Ver. V acc</b>
	0.39	0.12	0.07

Quota	N v.M/N	M v.M/N	Mo v.M/N	N v.Vcls	V v.Vcls	V v.Vacc	Ctg Vcls	Vrcd Vcls	Ctg Vac	Vrsd Vac
cm	daN	daN cm	daN cm	daN	daN	daN		daN		daN
0.0	-2.949e+04	1.589e+06	2.557e+05	-3.047e+04	1.112e+04	1.112e+04	2.50	1.787e+05	2.50	3.175e+05
40.0	-2.949e+04	1.567e+06	2.412e+05	-3.047e+04	1.110e+04	1.110e+04	2.50	1.787e+05	2.50	3.175e+05
41.0	-2.890e+04	1.564e+06	2.295e+05	-2.948e+04	1.068e+04	1.068e+04	2.50	1.786e+05	2.50	3.175e+05
42.0	-2.875e+04	1.416e+06	2.258e+05	-2.932e+04	1.071e+04	1.071e+04	2.50	1.785e+05	2.50	3.175e+05
43.0	-2.863e+04	1.401e+06	2.218e+05	-2.916e+04	1.082e+04	1.082e+04	2.50	1.785e+05	2.50	3.175e+05
44.0	-2.853e+04	1.395e+06	2.185e+05	-2.904e+04	1.095e+04	1.095e+04	2.50	1.785e+05	2.50	3.175e+05

45.0	-2.847e+04	1.393e+06	2.146e+05	-2.894e+04	1.109e+04	1.109e+04	2.50	1.785e+05	2.50	3.175e+05
46.0	-2.835e+04	1.396e+06	2.100e+05	-2.886e+04	1.123e+04	1.123e+04	2.50	1.785e+05	2.50	3.175e+05
47.0	-2.827e+04	1.401e+06	2.055e+05	-2.881e+04	1.137e+04	1.137e+04	2.50	1.785e+05	2.50	3.175e+05
48.0	-2.820e+04	1.410e+06	2.011e+05	-2.878e+04	1.149e+04	1.149e+04	2.50	1.785e+05	2.50	3.175e+05
49.0	-2.812e+04	1.422e+06	1.975e+05	-2.879e+04	1.152e+04	1.152e+04	2.50	1.785e+05	2.50	3.175e+05
50.0	-2.846e+04	1.349e+06	1.961e+05	-2.961e+04	1.110e+04	1.110e+04	2.50	1.786e+05	2.50	3.175e+05
80.0	-2.846e+04	1.328e+06	1.861e+05	-2.961e+04	1.112e+04	1.112e+04	2.50	1.786e+05	2.50	3.175e+05
82.0	-2.683e+04	2.114e+06	1.471e+05	-2.884e+04	1.099e+04	1.099e+04	2.50	1.785e+05	2.50	3.175e+05
84.0	-2.693e+04	2.099e+06	1.408e+05	-2.843e+04	1.086e+04	1.086e+04	2.50	1.784e+05	2.50	3.175e+05
86.0	-2.688e+04	2.211e+06	1.318e+05	-2.822e+04	1.089e+04	1.089e+04	2.50	1.784e+05	2.50	3.175e+05
88.0	-2.678e+04	2.217e+06	1.283e+05	-2.807e+04	1.099e+04	1.099e+04	2.50	1.784e+05	2.50	3.175e+05
90.0	-2.664e+04	2.220e+06	1.253e+05	-2.796e+04	1.110e+04	1.110e+04	2.50	1.784e+05	2.50	3.175e+05
92.0	-2.575e+04	3.371e+06	3.002e+04	-2.788e+04	1.122e+04	1.122e+04	2.50	1.783e+05	2.50	3.175e+05
94.0	-2.554e+04	3.357e+06	3.356e+04	-2.785e+04	1.131e+04	1.131e+04	2.50	1.783e+05	2.50	3.175e+05
96.0	-2.525e+04	3.324e+06	3.696e+04	-2.789e+04	1.133e+04	1.133e+04	2.50	1.783e+05	2.50	3.175e+05
98.0	-2.474e+04	3.241e+06	4.026e+04	-2.814e+04	1.119e+04	1.119e+04	2.50	1.784e+05	2.50	3.175e+05
100.0	-2.393e+04	3.071e+06	4.347e+04	-2.872e+04	1.102e+04	1.102e+04	2.50	1.785e+05	2.50	3.175e+05
120.0	-2.393e+04	3.091e+06	5.043e+04	-2.873e+04	1.106e+04	1.106e+04	2.50	1.785e+05	2.50	3.175e+05
123.0	-2.441e+04	2.992e+06	4.864e+04	-2.806e+04	1.101e+04	1.101e+04	2.50	1.784e+05	2.50	3.175e+05
126.0	-2.474e+04	2.940e+06	4.711e+04	-2.760e+04	1.094e+04	1.094e+04	2.50	1.783e+05	2.50	3.175e+05
129.0	-2.488e+04	2.924e+06	4.574e+04	-2.731e+04	1.091e+04	1.091e+04	2.50	1.783e+05	2.50	3.175e+05
132.0	-2.487e+04	2.925e+06	4.451e+04	-2.712e+04	1.096e+04	1.096e+04	2.50	1.782e+05	2.50	3.175e+05
135.0	-2.477e+04	2.928e+06	4.348e+04	-2.700e+04	1.104e+04	1.104e+04	2.50	1.782e+05	2.50	3.175e+05
138.0	-2.462e+04	2.925e+06	4.264e+04	-2.690e+04	1.112e+04	1.112e+04	2.50	1.782e+05	2.50	3.175e+05
141.0	-2.435e+04	2.907e+06	4.201e+04	-2.692e+04	1.116e+04	1.116e+04	2.50	1.782e+05	2.50	3.175e+05
144.0	-2.395e+04	2.863e+06	4.157e+04	-2.705e+04	1.112e+04	1.112e+04	2.50	1.782e+05	2.50	3.175e+05
147.0	-2.341e+04	2.776e+06	4.123e+04	-2.734e+04	1.089e+04	1.089e+04	2.50	1.783e+05	2.50	3.175e+05
150.0	-2.275e+04	2.639e+06	4.096e+04	-2.777e+04	1.085e+04	1.085e+04	2.50	1.783e+05	2.50	3.175e+05
160.0	-2.275e+04	2.655e+06	4.454e+04	-2.777e+04	1.089e+04	1.089e+04	2.50	1.783e+05	2.50	3.175e+05
164.0	-2.317e+04	2.571e+06	4.493e+04	-2.717e+04	1.089e+04	1.089e+04	2.50	1.783e+05	2.50	3.175e+05
168.0	-2.358e+04	2.509e+06	4.428e+04	-2.674e+04	1.083e+04	1.083e+04	2.50	1.782e+05	2.50	3.175e+05
172.0	-2.377e+04	2.488e+06	4.389e+04	-2.640e+04	1.079e+04	1.079e+04	2.50	1.782e+05	2.50	3.175e+05
176.0	-2.378e+04	2.489e+06	4.251e+04	-2.615e+04	1.083e+04	1.083e+04	2.50	1.781e+05	2.50	3.175e+05
180.0	-2.366e+04	2.494e+06	4.129e+04	-2.601e+04	1.090e+04	1.090e+04	2.50	1.781e+05	2.50	3.175e+05
184.0	-2.331e+04	2.489e+06	4.027e+04	-2.616e+04	1.095e+04	1.095e+04	2.50	1.781e+05	2.50	3.175e+05
188.0	-2.300e+04	2.470e+06	3.944e+04	-2.623e+04	1.096e+04	1.096e+04	2.50	1.781e+05	2.50	3.175e+05
192.0	-2.254e+04	2.421e+06	3.879e+04	-2.642e+04	1.092e+04	1.092e+04	2.50	1.782e+05	2.50	3.175e+05
196.0	-2.199e+04	2.336e+06	3.825e+04	-2.670e+04	1.085e+04	1.085e+04	2.50	1.782e+05	2.50	3.175e+05
200.0	-2.141e+04	2.222e+06	3.782e+04	-2.699e+04	1.082e+04	1.082e+04	2.50	1.782e+05	2.50	3.175e+05
205.0	-2.187e+04	2.138e+06	3.901e+04	-2.651e+04	1.085e+04	1.085e+04	2.50	1.782e+05	2.50	3.175e+05
210.0	-2.240e+04	2.056e+06	4.022e+04	-2.617e+04	1.068e+04	1.068e+04	2.50	1.781e+05	2.50	3.175e+05
215.0	-2.252e+04	2.049e+06	4.230e+04	-2.569e+04	1.071e+04	1.071e+04	2.50	1.781e+05	2.50	3.175e+05
220.0	-2.249e+04	2.058e+06	4.529e+04	-2.539e+04	1.082e+04	1.082e+04	2.50	1.780e+05	2.50	3.175e+05
225.0	-2.238e+04	2.068e+06	4.797e+04	-2.526e+04	1.092e+04	1.092e+04	2.50	1.780e+05	2.50	3.175e+05
230.0	-2.220e+04	2.071e+06	5.032e+04	-2.523e+04	1.098e+04	1.098e+04	2.50	1.780e+05	2.50	3.175e+05
235.0	-2.181e+04	2.051e+06	5.230e+04	-2.536e+04	1.100e+04	1.100e+04	2.50	1.780e+05	2.50	3.175e+05
240.0	-2.134e+04	2.003e+06	5.390e+04	-2.558e+04	1.097e+04	1.097e+04	2.50	1.780e+05	2.50	3.175e+05
245.0	-2.170e+04	1.720e+06	5.522e+04	-2.177e+04	1.067e+04	1.067e+04	2.50	1.775e+05	2.50	3.175e+05
246.0	-2.229e+04	1.575e+06	5.540e+04	-2.235e+04	1.142e+04	1.142e+04	2.50	1.776e+05	2.50	3.175e+05
250.0	-2.148e+04	1.526e+06	5.662e+04	-2.151e+04	1.140e+04	1.140e+04	2.50	1.775e+05	2.50	3.175e+05
252.0	-2.157e+04	1.519e+06	5.743e+04	-2.159e+04	1.137e+04	1.137e+04	2.50	1.775e+05	2.50	3.175e+05
258.0	-2.130e+04	1.147e+06	8.099e+04	-2.157e+04	1.093e+04	1.093e+04	2.50	1.775e+05	2.50	3.175e+05
264.0	-2.129e+04	1.167e+06	8.399e+04	-2.476e+04	1.083e+04	1.083e+04	2.50	1.779e+05	2.50	3.175e+05
270.0	-2.123e+04	1.185e+06	8.663e+04	-2.470e+04	1.111e+04	1.111e+04	2.50	1.779e+05	2.50	3.175e+05
276.0	-2.113e+04	1.196e+06	8.898e+04	-2.476e+04	1.135e+04	1.135e+04	2.50	1.779e+05	2.50	3.175e+05
280.0	-2.096e+04	1.192e+06	9.041e+04	-2.491e+04	1.149e+04	1.149e+04	2.50	1.780e+05	2.50	3.175e+05
282.0	-2.148e+04	1.039e+06	8.977e+04	-2.506e+04	1.478e+04	1.478e+04	2.50	1.780e+05	2.50	3.175e+05
287.0	-2.004e+04	1.263e+06	8.265e+04	-2.273e+04	1.763e+04	1.763e+04	2.50	1.777e+05	2.50	3.175e+05
288.0	-2.003e+04	1.248e+06	8.261e+04	-2.265e+04	1.804e+04	1.804e+04	2.50	1.777e+05	2.50	3.175e+05
294.0	-2.055e+04	4.189e+05	1.103e+05	-2.242e+04	1.901e+04	1.901e+04	2.50	1.776e+05	2.50	3.175e+05
300.0	-2.035e+04	2.597e+05	1.130e+05	-2.162e+04	1.825e+04	1.825e+04	2.50	1.775e+05	2.50	3.175e+05
301.0	-1.963e+04	1.928e+05	1.153e+05	-2.157e+04	1.818e+04	1.818e+04	2.50	1.775e+05	2.50	3.175e+05
308.0	-1.968e+04	2.599e+05	1.192e+05	-2.126e+04	1.740e+04	1.740e+04	2.50	1.775e+05	2.50	3.175e+05
315.0	-1.956e+04	3.554e+05	1.232e+05	-2.085e+04	1.603e+04	1.603e+04	2.50	1.774e+05	2.50	3.175e+05
320.0	-1.937e+04	4.400e+05	1.264e+05	-2.053e+04	1.474e+04	1.474e+04	2.50	1.774e+05	2.50	3.175e+05
322.0	-1.245e+04	2.540e+06	7.592e+04	-1.440e+04	1.851e+04	1.851e+04	2.50	1.743e+05	2.50	3.133e+05
324.0	-1.156e+04	3.154e+06	5.005e+04	-1.380e+04	1.973e+04	1.973e+04	2.50	1.719e+05	2.50	3.091e+05
328.0	-1.206e+04	2.916e+06	5.724e+04	-1.367e+04	1.897e+04	1.897e+04	2.50	1.674e+05	2.50	3.008e+05
329.0	-1.218e+04	2.857e+06	5.859e+04	-1.368e+04	1.856e+04	1.856e+04	2.50	1.564e+05	2.50	2.810e+05
332.0	-1.266e+04	2.656e+06	6.191e+04	-1.399e+04	1.746e+04	1.746e+04	2.50	1.530e+05	2.50	2.747e+05
336.0	-1.270e+04	2.455e+06	6.349e+04	-1.391e+04	1.603e+04	1.603e+04	2.50	1.485e+05	2.50	2.664e+05
340.0	-1.274e+04	2.263e+06	6.220e+04	-1.389e+04	1.497e+04	1.497e+04	2.50	1.341e+05	2.50	2.403e+05
343.0	-1.195e+04	1.929e+06	8.220e+04	-1.391e+04	1.324e+04	1.324e+04	2.50	1.307e+05	2.50	2.341e+05
344.0	-1.255e+04	1.973e+06	8.381e+04	-1.481e+04	1.381e+04	1.381e+04	2.50	1.297e+05	2.50	2.320e+05
348.0	-1.587e+04	2.206e+06	2.169e+04	-1.621e+04	9736.36	9736.36	2.50	1.154e+05	2.50	2.059e+05
350.0	-1.498e+04	1.973e+06	2169.20	-1.227e+04	9425.58	9425.58	2.50	1.126e+05	2.50	2.017e+05
352.0	-1.612e+04	1.910e+06	8197.89	-1.245e+04	9161.91	9161.91	2.50	1.104e+05	2.50	1.976e+05

356.0	-1.617e+04	1.762e+06	1.732e+04	-1.276e+04	8539.26	8539.26	2.50	9.602e+04	2.50	1.715e+05
360.0	-1.288e+04	1.134e+06	9.742e+04	-1.305e+04	7792.62	7792.62	2.50	9.154e+04	2.50	1.632e+05
364.0	-1.280e+04	1.036e+06	1.007e+05	-1.324e+04	6986.98	6986.98	2.50	7.711e+04	2.50	1.371e+05
368.0	-1.273e+04	9.231e+05	1.028e+05	-1.344e+04	6051.01	6051.01	2.50	7.264e+04	2.50	1.288e+05
372.0	-1.260e+04	8.049e+05	1.035e+05	-1.354e+04	5042.46	5042.46	2.50	5.816e+04	2.50	1.027e+05
376.0	-1.252e+04	6.738e+05	1.024e+05	-1.369e+04	3865.47	3865.47	2.50	5.370e+04	2.50	9.436e+04
380.0	-1.242e+04	5.378e+05	9.941e+04	-1.377e+04	2539.68	2539.68	2.50	3.914e+04	2.50	6.832e+04
384.0	-1.245e+04	3.911e+05	9.397e+04	-1.418e+04	1391.55	1391.55	2.50	3.475e+04	2.50	5.996e+04
388.0	-1.256e+04	2.395e+05	8.613e+04	-1.423e+04	2423.71	2423.71	2.50	1.999e+04	2.50	3.392e+04
392.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
396.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
27	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-174.3	-35.4	-29.2	-330.7	-43.6	-7.6
28	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-676.0	-59.4	407.8	5157.3	1109.1	-2916.8
45	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-165.0	-36.3	29.3	-82.8	-16.8	1.0
46	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-812.4	-184.9	-527.6	1670.9	653.2	1292.9
587	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-619.8	-290.2	104.9	492.6	282.3	84.2
588	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-8.50e-02	-94.5	39.5	-171.8	-89.2	14.6
589	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.8	81.4	135.1	-245.9	-117.5	-91.0
590	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-87.5	178.2	32.0	70.9	31.6	39.8
591	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-60.8	-94.8	-97.3	204.1	7.2	-85.4
592	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-144.4	-4.0	5.3	-77.5	-9.8	-51.5
593	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-82.9	-11.1	-35.6	75.9	11.2	-102.7
594	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-130.4	-2.8	6.0	-84.1	-9.1	-38.3
595	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-133.8	-6.2	-13.2	-86.5	-16.2	-42.2
596	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-130.2	-3.6	7.2	-140.8	-13.0	-31.5
597	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-117.0	-9.4	7.2	-127.4	-26.8	-28.0
598	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-122.0	-1.2	7.2	-139.5	-6.5	-25.8
599	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-111.3	-7.6	13.1	-129.0	-23.7	-22.5
600	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-135.6	-3.4	10.8	-74.1	-16.2	-16.0
601	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-120.8	-17.6	19.8	-79.9	-17.6	-15.8
602	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-118.2	-25.8	25.4	-76.6	-15.2	-6.8
603	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	12.6	-3.6	34.0	-124.8	-51.9	3.6
604	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-14.3	78.8	53.5	-113.8	-39.8	-63.0
605	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-5.4	-85.2	-41.3	116.8	0.8	-76.4
606	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.8	-50.0	-39.5	75.2	-3.1	-90.8
607	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-82.2	-27.3	-0.4	-75.8	-44.7	-34.1
608	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-91.1	-18.2	9.4	-132.4	-43.1	-27.9
609	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-91.1	-15.9	16.4	-118.7	-32.4	-18.7
610	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-121.7	-17.1	21.2	-69.9	-16.6	-12.8
611	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-119.8	-21.1	20.7	-66.8	-13.2	-5.9
612	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-8.8	-32.4	28.0	52.1	-66.7	-91.4
613	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-7.0	109.0	2.2	-108.3	-52.9	45.3
614	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	10.5	-48.0	-28.9	96.2	-21.6	-14.8
615	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-2.7	-46.5	-42.4	82.5	-24.7	-12.1
616	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-53.6	-28.1	13.7	-63.1	-53.5	-25.3
617	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-66.3	-25.5	16.4	-121.4	-50.1	-19.9
618	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-71.3	-19.5	21.3	-129.3	-39.9	-16.9
619	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-76.7	-17.8	23.2	-62.0	-16.3	-12.6
620	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-97.1	-17.4	21.0	-62.9	-12.3	-4.5
621	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-12.0	-22.7	25.2	61.5	-84.9	-101.5
622	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-7.2	85.2	-7.1	-80.9	-61.7	37.4
623	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	7.0	-33.8	-20.6	101.4	-33.1	-21.6
624	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	0.4	-39.9	-26.1	89.8	-34.4	-8.4
625	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-47.2	-29.9	28.1	-48.2	-58.5	-15.6
626	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-61.1	-27.2	26.6	-109.6	-53.2	-9.1
627	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.7	-21.1	28.1	-124.5	-41.8	-7.2
628	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-75.0	-18.0	27.5	-66.5	-18.1	-5.9
629	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-80.1	-14.6	23.7	-68.9	-13.4	-3.2
630	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-11.9	-24.7	20.7	96.6	-95.7	-118.1
631	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-5.9	70.8	-14.8	-65.9	-18.8	24.8
632	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-12.8	-21.1	36.8	43.6	-78.5	-46.7
633	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-27.6	-28.3	43.6	46.0	-71.2	-16.8
634	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.1	-26.9	40.7	-30.3	-62.4	-2.0
635	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.4	-23.8	34.2	-97.5	-55.3	6.6
636	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-44.1	-18.6	32.8	-122.2	-43.4	6.9
637	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-51.4	-15.8	25.3	190.9	35.1	20.1
638	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-54.2	-12.1	28.3	181.3	36.7	3.0
639	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-10.1	-32.8	18.6	164.7	-102.1	-134.5
640	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	6.3	46.9	-44.5	4.1	-54.4	-56.7
641	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-14.3	-36.2	28.6	141.8	-92.6	-77.4
642	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-24.3	-32.8	33.8	120.7	-77.5	-36.6

643	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-36.8	-28.2	33.7	177.5	5.1	92.4
644	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-46.8	-23.2	29.4	224.7	24.0	93.1
645	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-52.1	-18.4	25.5	185.3	26.3	82.3
646	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-55.6	-13.3	32.1	152.5	26.7	27.4
647	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-57.4	-10.5	28.5	130.7	26.7	3.7
648	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-8.3	-49.7	21.1	273.9	-108.1	-147.4
649	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	4.6	37.8	-55.2	88.5	-68.9	-85.0
650	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-25.2	-45.2	43.3	215.0	-93.0	-65.2
651	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-32.1	-26.2	60.0	115.4	-62.8	12.4
652	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.9	-24.2	26.7	198.0	0.2	104.7
653	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-75.0	-18.5	19.6	227.8	14.6	107.0
654	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-77.5	-15.0	13.3	173.6	15.5	96.7
655	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-98.7	-18.3	-18.7	-72.0	-20.3	43.7
656	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-81.6	-17.6	-20.2	-111.9	-21.8	7.9
657	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	2.2	-82.7	55.4	555.1	-193.6	-211.7
658	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	11.4	64.1	-72.1	187.3	-121.5	-113.2
659	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-65.8	-44.5	49.5	211.0	-62.7	61.5
660	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-88.4	-26.6	46.2	120.5	-32.5	96.3
661	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-85.1	-18.3	32.4	210.7	9.3	115.3
662	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-88.4	-13.5	23.0	219.1	17.6	116.8
663	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-86.3	-11.7	15.7	150.0	12.3	105.0
664	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-127.7	-14.4	-18.4	-108.8	-30.5	55.6
665	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-102.4	-21.9	-20.7	-177.4	-35.1	9.9
666	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-104.5	-37.4	275.2	793.0	-83.4	-377.7
667	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-78.7	-132.6	36.5	733.3	-534.1	-452.3
668	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-172.9	-9.8	65.2	295.5	-23.1	103.4
669	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-150.3	-4.5	35.4	174.5	7.1	118.2
670	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-118.0	-7.8	25.8	220.7	13.0	117.2
671	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-105.4	-5.1	17.8	134.6	-20.1	114.0
672	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-152.1	-2.3	-1.1	-30.1	-18.8	97.6
673	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-175.2	-1.0	-20.4	-129.3	-37.8	69.3
674	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-162.6	-27.6	-19.8	-262.7	-58.9	21.6
675	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-460.2	-208.5	-275.1	-863.9	-521.6	1077.0
676	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-251.5	-21.1	20.5	343.5	19.0	78.4
677	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-173.6	-3.1	6.3	196.5	13.8	86.1
678	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-151.4	-2.1	-2.5	175.0	6.9	73.4
679	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-145.2	-2.6	-3.8	109.0	1.8	73.9
680	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-149.8	-4.4	-7.9	-45.1	2.0	68.8
681	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-162.3	-3.6	-13.4	-154.7	15.0	48.7
984	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	212.4	212.5	52.7	-1263.0	-380.6	-572.8
985	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	11.3	142.2	51.8	-132.6	-56.3	-52.8
986	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-1.2	114.1	32.5	-123.3	-43.1	18.1
987	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-4.0	87.3	0.2	-114.3	-53.8	36.8
988	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-3.7	71.9	-6.3	-74.8	-58.2	25.4
989	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.9	51.6	-42.9	-34.5	-30.9	-34.1
990	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	7.1	20.7	-44.1	40.4	0.1	-80.6
991	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	12.8	24.3	-53.1	144.7	-18.7	-105.6
992	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	41.0	-97.3	-45.5	475.7	41.1	-325.4
993	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-223.6	-71.9	241.6	981.2	1051.4	-372.2

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.0	0.0	0.0	8.04	8.04	4.52	4.52	-812.39 212.36	-290.17 212.46	-527.64 407.80	-1262.98 5157.34	-534.07 1109.09	-2916.83 1292.87

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
27	ok	0.26						
28	ok	4.00						
45	ok	0.17						
46	ok Av	6.20	0.27	0.09	6.7	2.2	91.8	30.6
587	ok	2.29						
588	ok	0.53						
589	ok	0.73						
590	ok	0.45						
591	ok	0.51						
592	ok	0.39						
593	ok	0.39						
594	ok	0.40						
595	ok	0.39						
596	ok	0.39						
597	ok	0.39						
598	ok	0.39						
599	ok	0.39						
600	ok	0.28						
601	ok	0.27						

602	ok	0.21							
603	ok	0.44							
604	ok	0.40							
605	ok	0.47							
606	ok	0.10							
607	ok	0.09							
608	ok	0.12							
609	ok	0.13							
610	ok	0.21							
611	ok	0.21							
612	ok	0.38							
613	ok	0.50							
614	ok	0.15							
615	ok	0.10							
616	ok	0.09							
617	ok	0.11							
618	ok	0.12							
619	ok	0.13							
620	ok	0.12							
621	ok	0.65							
622	ok	0.46							
623	ok	0.06							
624	ok	0.09							
625	ok	0.07							
626	ok	0.08							
627	ok	0.09							
628	ok	0.12							
629	ok	0.09							
630	ok	0.99							
631	ok	0.61							
632	ok	0.07							
633	ok	0.10							
634	ok	0.10							
635	ok	0.08							
636	ok	0.08							
637	ok	0.35							
638	ok	0.35							
639	ok	1.36							
640	ok	0.72							
641	ok	0.10							
642	ok	0.11							
643	ok	0.42							
644	ok	0.42							
645	ok	0.42							
646	ok	0.40							
647	ok	0.37							
648	ok	1.71							
649	ok	0.98							
650	ok	0.34							
651	ok	0.40							
652	ok	0.42							
653	ok	0.42							
654	ok	0.43							
655	ok	0.42							
656	ok	0.39							
657	ok	2.20							
658	ok	2.07							
659	ok	0.38							
660	ok	0.39							
661	ok	0.41							
662	ok	0.42							
663	ok	0.42							
664	ok	0.42							
665	ok	0.43							
666	ok	3.68							
667	ok Av	8.14	0.30	0.22	7.5	5.4	103.4	74.4	
668	ok	0.45							
669	ok	0.36							
670	ok	0.36							
671	ok	0.36							
672	ok	0.41							
673	ok	0.43							
674	ok	0.43							
675	ok	3.67							
676	ok	0.52							
677	ok	0.22							
678	ok	0.22							

679	ok	0.21						
680	ok	0.26						
681	ok	0.32						
984	ok Av	5.40	0.24	0.03	6.1	0.8	83.4	11.3
985	ok	0.42						
986	ok	0.53						
987	ok	0.46						
988	ok	0.73						
989	ok	1.11						
990	ok	1.56						
991	ok	2.16						
992	ok	3.38						
993	ok	5.00						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	8.14	0.30	0.22	7.53	5.42	103.44	74.40

Parete ND	H totale	Spessore	L totale	Verif. N-M	Verif. V	Prog. composta
	cm	cm	cm			
7	380.00	20.00	189.97	ok	ok	SI

Quota	Af std	Af V (ori)	Ver. N/M	Ver. V cls	Ver. V acc
cm					
0.0	1+1d16/25	1+1d12/25	0.54	0.15	0.09
38.0	1+1d16/25	1+1d12/25	0.53	0.15	0.09
76.0	1+1d16/25	1+1d12/25	0.46	0.15	0.09
114.0	1+1d16/25	1+1d12/25	0.39	0.15	0.09
152.0	1+1d16/25	1+1d12/25	0.35	0.15	0.09
190.0	1+1d16/25	1+1d12/25	0.33	0.15	0.09
228.0	1+1d16/25	1+1d12/25	0.33	0.15	0.09
266.0	1+1d16/25	1+1d12/25	0.34	0.15	0.09
304.0	1+1d16/25	1+1d12/25	0.37	0.23	0.13
314.7	1+1d16/25	1+1d12/25	0.33	0.18	0.10
342.0	1+1d16/25	1+1d12/25	0.28	0.19	0.11
380.0	1+1d16/25	1+1d12/25	0.07	0.19	0.11

Quota	Ver. N/M	Ver. V cls	Ver. V acc
	0.54	0.23	0.13

Quota	N v.M/N	M v.M/N	Mo v.M/N	N v.Vcls	V v.Vcls	V v.Vacc	Ctg Vcls	Vrcd Vcls	Ctg Vac	Vrsd Vac
cm	daN	daN cm	daN cm	daN	daN	daN		daN		daN
0.0	-2.761e+04	3.762e+06	1.770e+05	-2.591e+04	1.124e+04	1.124e+04	2.50	7.446e+04	2.50	1.291e+05
38.0	-2.761e+04	3.778e+06	1.614e+05	-2.591e+04	1.124e+04	1.124e+04	2.50	7.446e+04	2.50	1.291e+05
76.0	-2.726e+04	3.435e+06	9.899e+04	-2.555e+04	1.123e+04	1.123e+04	2.50	7.442e+04	2.50	1.291e+05
114.0	-2.690e+04	3.079e+06	3.647e+04	-2.518e+04	1.125e+04	1.125e+04	2.50	7.437e+04	2.50	1.291e+05
152.0	-2.655e+04	2.723e+06	2.683e+04	-2.482e+04	1.123e+04	1.123e+04	2.50	7.432e+04	2.50	1.291e+05
190.0	-2.628e+04	2.376e+06	8.857e+04	-2.445e+04	1.122e+04	1.122e+04	2.50	7.427e+04	2.50	1.291e+05
228.0	-2.593e+04	2.100e+06	1.442e+05	-2.408e+04	1.119e+04	1.119e+04	2.50	7.422e+04	2.50	1.291e+05
266.0	-2.556e+04	1.828e+06	1.981e+05	-2.373e+04	1.099e+04	1.099e+04	2.50	7.417e+04	2.50	1.291e+05
304.0	-2.389e+04	1.555e+06	2.506e+05	-2.489e+04	1.684e+04	1.684e+04	2.50	7.433e+04	2.50	1.291e+05
314.7	-1.692e+04	1.397e+06	2.100e+05	-1.692e+04	1.310e+04	1.310e+04	2.50	7.327e+04	2.50	1.291e+05
342.0	-1.075e+04	5.717e+05	2.170e+05	-1.075e+04	1.374e+04	1.374e+04	2.50	7.245e+04	2.50	1.291e+05
380.0	-1.301e+04	3.977e+05	2.651e+04	-1.278e+04	1.386e+04	1.386e+04	2.50	7.272e+04	2.50	1.291e+05

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
12	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-622.4	-158.5	83.9	528.1	119.6	-2.3
13	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-490.2	116.5	-44.6	230.0	225.5	5.4
14	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-684.2	-167.1	-87.4	-835.8	-152.6	-58.1
15	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-346.7	-55.1	97.3	-135.3	-71.9	81.2
31	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-648.3	116.6	209.8	2312.4	935.2	-1174.8
471	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	87.7	123.2	57.7	733.5	419.7	-97.9
472	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-360.9	-10.5	38.5	-283.1	-34.9	55.1
473	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	119.6	98.1	62.4	-301.8	21.9	-61.1
474	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-520.7	-349.4	153.3	1270.7	444.9	-390.0
475	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	11.6	174.0	118.7	-309.6	-47.3	-82.1
476	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-483.5	-18.2	-12.9	1048.3	81.5	-61.5
477	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-470.7	-29.9	35.5	191.9	38.2	55.9

478	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-391.2	6.6	-38.8	892.0	31.2	-11.2
479	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-524.7	-35.1	36.2	402.7	61.7	39.4
480	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-420.8	-10.7	-29.2	658.0	34.3	7.4
481	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-583.3	-39.9	54.8	563.4	87.8	-24.2
482	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-456.6	-16.2	-32.0	382.8	28.8	27.6
483	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-384.2	-134.6	-23.3	-1391.9	-176.3	-340.7
484	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-552.0	-31.7	-32.8	-202.1	-34.7	11.0
485	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-293.2	34.3	23.1	-704.5	-96.3	-7.8
486	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-598.5	-35.7	-34.8	-532.2	-49.3	4.7
487	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	20.7	178.7	84.3	-89.5	62.3	-121.9
488	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-649.0	-37.1	-52.7	-765.6	-45.7	-49.2
489	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-373.8	-216.5	75.9	-803.5	-149.4	-276.8
490	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-90.0	-69.0	-39.0	-2081.1	-435.4	424.8
491	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-318.8	-6.8	29.4	-486.2	-55.4	26.7
682	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-430.6	15.9	115.4	2728.5	554.9	58.6
683	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-13.2	27.2	-25.1	1108.1	386.1	173.1
684	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-346.2	-30.4	32.6	939.9	104.5	-32.0
685	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-371.8	0.3	-9.5	862.8	50.9	-2.1
686	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-230.5	-17.1	-68.2	678.3	69.1	-12.6
687	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-247.6	-21.2	-70.9	378.2	32.0	-10.8
688	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-287.4	-30.6	-73.6	-187.0	-54.2	-17.0
689	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-306.3	-32.7	-73.0	-498.5	-99.6	-26.4
690	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-302.6	-52.9	-55.1	-823.7	-167.2	-14.1
691	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-627.1	-89.4	-65.2	-911.0	-185.8	0.4
692	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	7.8	59.5	-119.9	739.4	213.9	136.4
693	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-52.5	90.8	-115.6	1014.5	254.2	84.7
694	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-6.0	-159.3	109.5	-784.0	-167.0	-76.0
695	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-186.4	-5.1	-77.3	741.0	63.6	-23.3
696	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-205.8	5.7	-76.4	673.8	63.5	-23.2
697	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-230.6	17.4	-73.6	378.1	28.7	-26.7
698	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-272.6	22.5	-75.5	-177.5	-56.8	-29.0
699	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-291.7	24.2	-74.6	-507.1	-108.1	-28.4
700	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-288.1	1.3	-52.9	-863.1	-179.9	-17.7
701	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-280.7	-27.8	-48.8	-940.7	-188.2	-6.3
702	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-8.9	-127.8	53.5	-855.3	-116.2	-212.7
703	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-225.0	-210.6	46.8	-1468.2	-306.1	-55.7
704	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-103.4	-169.5	69.5	-1014.2	-255.3	-1.6
705	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-153.4	-67.0	50.4	-610.0	-141.1	-11.2
706	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-194.6	-23.6	70.7	-433.7	-80.9	18.7
707	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-211.7	-16.8	79.7	-264.0	-44.5	38.3
708	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-245.4	-25.9	80.7	175.9	39.4	39.5
709	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-264.9	-30.3	79.1	359.1	76.5	26.9
710	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-262.7	-51.3	60.1	579.8	128.8	23.6
711	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-260.4	-80.3	66.9	494.9	99.5	12.0

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+Af	sec-Af	sec+	N z	N o	N zo	M z	M o	M zo
	0.0	0.0	0.0	8.04	8.04	4.52	4.52	-684.24	-349.40	-119.89	-2081.14	-435.35	-1174.79
								119.59	178.73	209.79	2728.51	935.19	424.79

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
12	ok	0.62						
13	ok	4.20						
14	ok	0.34						
15	ok	3.03						
31	ok Av	7.56	0.34	0.31	8.5	7.6	116.7	105.0
471	ok Av	5.15	0.17	0.16	4.3	4.0	59.1	54.4
472	ok	0.65						
473	ok	3.03						
474	ok	4.10						
475	ok	1.77						
476	ok	0.77						
477	ok	0.65						
478	ok	0.46						
479	ok	0.65						
480	ok	0.50						
481	ok	0.66						
482	ok	0.51						
483	ok	3.50						
484	ok	0.51						
485	ok	0.62						
486	ok	0.51						
487	ok	4.20						
488	ok	0.52						
489	ok	1.23						

490	ok	3.41						
491	ok	0.63						
682	ok Av	11.60	0.52	0.21	13.1	5.1	179.3	70.3
683	ok	4.10						
684	ok	0.77						
685	ok	0.46						
686	ok	0.50						
687	ok	0.51						
688	ok	0.51						
689	ok	0.58						
690	ok	0.65						
691	ok	0.65						
692	ok	1.70						
693	ok	1.70						
694	ok	0.84						
695	ok	0.55						
696	ok	0.35						
697	ok	0.37						
698	ok	0.38						
699	ok	0.58						
700	ok	0.68						
701	ok	0.68						
702	ok	3.47						
703	ok	3.41						
704	ok	1.22						
705	ok	0.62						
706	ok	0.63						
707	ok	0.65						
708	ok	0.65						
709	ok	0.65						
710	ok	0.68						
711	ok	0.68						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	11.60	0.52	0.31	13.05	7.64	179.27	105.00

Parete ND	H totale	Spessore	L totale	Verif. N-M	Verif. V	Prog. composta
	cm	cm	cm			
8	325.00	20.00	599.57	ok	ok	SI

Quota	Af std	Af V (ori)	Ver. N/M	Ver. V cls	Ver. V acc
cm					
0.0	1+1d16/25	1+1d12/25	0.15	0.22	0.12
40.6	1+1d16/25	1+1d12/25	0.14	0.22	0.12
81.2	1+1d16/25	1+1d12/25	0.12	0.22	0.12
121.9	1+1d16/25	1+1d12/25	0.11	0.22	0.12
162.5	1+1d16/25	1+1d12/25	0.09	0.22	0.12
203.1	1+1d16/25	1+1d12/25	0.07	0.22	0.12
243.8	1+1d16/25	1+1d12/25	0.05	0.22	0.12
284.4	1+1d16/25	1+1d12/25	0.03	0.22	0.12
325.0	1+1d16/25	1+1d12/25	0.02	0.21	0.12

Quota	Ver. N/M	Ver. V cls	Ver. V acc
	0.15	0.22	0.12

Quota	N v.M/N	M v.M/N	Mo v.M/N	N v.Vcls	V v.Vcls	V v.Vacc	Ctg Vcls	Vrzd Vcls	Ctg Vac	Vrzd Vac
cm	daN	daN cm	daN cm	daN	daN	daN		daN		daN
0.0	-3.313e+04	8.542e+06	8.075e+04	-3.981e+04	5.101e+04	5.101e+04	2.50	2.340e+05	2.50	4.154e+05
40.6	3291.00	8.164e+06	1.044e+04	-3.996e+04	5.092e+04	5.092e+04	2.50	2.340e+05	2.50	4.154e+05
81.2	1385.92	7.151e+06	3867.06	-3.600e+04	5.141e+04	5.141e+04	2.50	2.335e+05	2.50	4.154e+05
121.9	-883.09	6.130e+06	3005.45	-3.177e+04	5.143e+04	5.143e+04	2.50	2.329e+05	2.50	4.154e+05
162.5	-2805.55	5.049e+06	4790.33	-2.728e+04	5.149e+04	5.149e+04	2.50	2.323e+05	2.50	4.154e+05
203.1	-8213.36	4.014e+06	8631.51	-2.345e+04	5.155e+04	5.155e+04	2.50	2.318e+05	2.50	4.154e+05
243.8	-9397.70	2.978e+06	1.514e+04	-2.003e+04	5.132e+04	5.132e+04	2.50	2.313e+05	2.50	4.154e+05
284.4	-1.058e+04	1.892e+06	1.905e+04	-1.676e+04	5.098e+04	5.098e+04	2.50	2.309e+05	2.50	4.154e+05
325.0	-1.063e+04	7.065e+05	4.497e+04	-1.118e+04	4.785e+04	4.785e+04	2.50	2.301e+05	2.50	4.154e+05

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
------	-------	-----	-------	----------	--------	--------	---------	---------	-----	-----	------	-----	-----	------

									daN/cm	daN/cm	daN/cm	daN	daN	daN
35	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-103.4	-24.3	76.5	-87.3	-19.7	-26.5
36	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-183.2	-105.4	-187.7	1571.8	33.2	608.5
65	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-353.5	-57.3	-56.8	-180.6	-36.7	5.7
66	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	17.0	-365.9	83.3	-1361.5	-547.3	590.6
70	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-67.8	30.9	-43.3	-614.3	13.7	-90.3
73	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-48.0	-0.2	78.5	-213.3	-73.1	52.3
75	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-41.0	-1.0	77.0	25.4	55.8	-6.5
77	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.3	-0.5	80.0	-17.7	61.0	29.5
79	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-54.5	-3.3	85.4	-17.8	-5.2	29.5
81	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-50.8	-0.4	84.2	-26.1	-31.4	26.4
83	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-98.8	-20.3	72.5	-100.0	-65.0	-37.8
712	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.7	-52.5	-120.8	1209.1	116.6	-117.7
713	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.4	144.4	-60.7	-237.9	-154.8	55.0
714	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-49.0	378.0	-89.8	442.2	-17.7	-420.8
715	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-190.1	20.7	-10.6	94.4	-48.7	89.9
716	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-35.2	42.2	-78.9	120.5	-61.7	4.5
717	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-193.7	13.4	-2.1	69.0	3.5	63.7
718	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-102.9	17.9	-34.7	22.2	-20.0	34.3
719	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-227.3	2.7	-8.6	-68.1	-14.1	63.0
720	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-173.7	-1.3	-32.2	-36.5	-18.7	37.8
721	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-229.8	5.9	-7.7	-76.3	-1.8	56.4
722	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-147.3	-22.9	-59.0	-69.8	-20.0	33.6
723	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-232.2	-22.6	-52.5	-113.7	-18.4	27.7
724	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-165.4	-31.4	-65.2	-104.3	-24.4	27.0
725	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-245.2	-39.6	-60.1	-162.0	-30.0	16.6
726	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-176.0	-42.2	-63.7	-145.3	-31.2	16.9
727	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-240.7	-40.7	-61.1	-156.4	-31.3	5.5
728	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-42.3	-158.7	120.6	-85.4	-33.3	-8.5
729	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-45.8	-308.0	102.0	-6.1	-86.0	-12.9
730	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.8	-61.0	109.4	-69.1	-35.8	-24.0
731	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-26.3	27.9	-98.5	35.9	-12.7	37.4
732	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-121.5	-3.0	-55.9	-36.6	-19.6	31.4
733	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-99.7	-23.7	-74.7	-65.4	-21.4	31.0
734	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-114.5	-33.7	-74.3	-95.8	-24.3	25.5
735	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-173.8	-31.3	-66.7	-127.6	-28.0	15.2
736	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-124.2	-28.9	-71.7	-134.0	-26.7	4.6
737	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-36.0	-159.6	110.9	-46.2	-12.8	-1.1
738	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-14.8	-263.2	78.4	-11.9	-9.0	11.0
739	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.4	-61.2	114.2	-49.1	-18.4	-19.3
740	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-34.3	32.7	-98.0	-34.9	-12.5	25.1
741	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-53.2	1.5	-83.2	-37.8	-11.6	28.8
742	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.3	-20.2	-86.7	-61.4	-19.6	28.9
743	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-113.3	-25.1	-76.0	-86.2	-22.0	23.2
744	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-123.4	-30.2	-72.2	-110.8	-23.9	13.1
745	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-86.1	-20.1	-78.3	-115.0	-22.9	4.0
746	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.8	-153.6	94.1	-36.5	-40.1	-18.1
747	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-15.6	-159.1	112.6	-26.7	-132.2	12.6
748	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-36.6	-74.6	89.0	-33.1	-15.8	-27.9
749	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-32.9	34.8	-98.8	-38.0	-6.1	26.8
750	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-32.2	5.7	-99.6	-40.7	-7.1	28.8
751	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.4	-14.3	-95.5	-56.6	-16.6	27.4
752	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-75.6	-24.6	-83.8	-76.5	-18.8	21.3
753	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-85.7	-26.7	-78.7	-95.6	-20.4	11.4
754	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-58.5	-13.6	-84.9	-99.0	-19.7	3.6
755	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	7.6	106.0	-71.5	-40.7	29.1	64.3
756	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	5.5	417.9	-62.4	-25.0	109.1	98.5
757	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.5	-71.5	111.8	-8.9	-3.0	-22.2
758	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.2	-32.5	110.6	-11.2	-3.3	-25.5
759	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-31.9	8.7	-102.8	-34.3	8.9	30.3
760	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.6	-11.0	-96.8	-50.7	-13.6	26.7
761	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-49.1	-21.1	-90.8	-66.8	-15.9	19.9
762	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-58.3	-22.1	-85.3	-81.8	-17.2	10.3
763	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.8	-9.1	-90.8	-85.0	-17.0	3.3
764	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	8.7	110.4	-73.6	26.6	36.9	83.2
765	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	6.8	414.9	-84.0	38.9	42.9	111.7
766	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-36.5	-72.4	108.6	9.5	-2.3	-21.6
767	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.5	-35.4	112.0	11.4	-4.5	-25.0
768	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.6	-13.0	111.7	8.0	-7.0	-25.3
769	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-34.7	-6.3	-97.2	-29.0	-7.2	18.3
770	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-34.6	-16.0	-96.5	-57.2	-13.4	18.9
771	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.8	-17.2	-91.2	-69.2	-14.5	9.4
772	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.3	-7.3	-88.5	-72.7	-14.5	3.1
773	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-34.3	-110.6	99.1	-2.2	-5.1	-31.2
774	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.1	-107.0	31.1	2.8	86.5	-31.9
775	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-16.1	66.9	-95.6	-6.9	-12.5	46.8
776	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.6	-35.5	110.2	12.4	-3.7	-24.5

777	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.4	-16.9	109.3	-3.9	2.6	-22.7
778	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-40.0	-4.9	109.1	-8.3	0.4	-21.9
779	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-41.2	0.9	104.4	-4.8	0.1	-17.4
780	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.9	-12.0	-90.6	-36.7	-7.7	5.9
781	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.4	-4.2	-87.9	-40.8	-8.1	1.9
782	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.7	94.3	-96.3	-4.0	-17.3	45.1
783	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-18.7	96.3	-90.0	1.1	-5.2	38.0
784	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.2	54.4	-89.4	-6.3	-14.5	43.6
785	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.6	-33.5	109.8	-8.1	11.6	-24.6
786	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.7	-18.3	108.5	-5.8	12.4	-21.5
787	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-42.5	-9.3	105.1	-4.0	2.1	-18.0
788	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-42.1	-4.3	105.1	-9.1	-0.5	-16.5
789	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-43.5	-4.6	100.6	-9.0	-1.4	-10.3
790	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-43.7	-8.6	95.5	-10.1	-2.0	-2.7
791	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.9	50.8	-81.1	-2.5	-12.9	45.3
792	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.9	75.8	-90.8	-0.5	-12.1	38.4
793	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.0	54.2	-87.8	-4.1	-13.8	44.3
794	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-35.2	-31.1	107.7	-5.0	13.8	-22.6
795	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.5	-18.2	107.1	-38.2	11.9	-20.5
796	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.1	-8.2	106.9	-42.5	8.0	-20.0
797	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-44.9	-8.2	101.3	-8.7	-0.5	-11.9
798	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-46.4	-7.4	99.5	-11.7	-2.0	-6.0
799	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-45.9	-9.0	96.9	-17.4	-3.5	-2.5
800	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-18.0	34.7	-78.6	0.3	-12.4	45.3
801	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.6	56.1	-90.4	0.4	-9.1	38.9
802	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-16.6	41.8	-84.2	-0.3	-12.1	43.6
803	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-32.6	-26.8	104.4	-3.0	14.1	-20.0
804	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.0	-18.4	105.1	-32.2	11.4	-18.4
805	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-42.2	-11.7	103.0	-49.6	1.1	-15.7
806	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-45.4	-10.6	100.9	-71.3	-15.8	-10.8
807	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-47.9	-9.7	99.8	-94.9	-19.5	-5.5
808	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-47.3	-9.3	97.3	-101.4	-20.3	-2.3
809	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.2	35.2	-84.7	4.8	-10.6	46.1
810	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-17.5	38.1	-89.1	1.2	-10.0	39.4
811	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-16.6	30.4	-81.7	5.1	-10.9	42.8
812	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-30.6	-22.3	100.6	-2.3	13.6	-16.9
813	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-36.8	-17.6	102.1	-27.5	10.5	-15.9
814	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-41.9	-13.1	101.3	-42.3	-10.4	-14.0
815	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-46.4	-11.8	99.7	-61.8	-13.5	-10.3
816	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-49.7	-11.2	99.3	-83.7	-17.2	-5.3
817	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-48.9	-9.5	96.8	-91.4	-18.3	-2.2
818	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-15.0	15.5	86.8	-2.5	22.6	-15.0
819	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-16.9	30.7	93.2	-2.8	30.8	-30.7
820	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-22.7	-16.7	91.8	-1.8	17.5	-13.7
821	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-29.6	-18.3	96.2	-2.3	13.3	-13.0
822	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-36.8	-16.0	98.3	-23.7	9.9	-12.9
823	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-44.3	-11.9	97.6	-37.7	-13.2	-12.1
824	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-48.9	-11.8	98.2	-55.8	-15.6	-10.7
825	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-52.5	-12.2	98.2	-75.7	-16.3	-6.0
826	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-51.5	-9.8	95.9	-84.6	-17.0	-2.3
827	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-11.8	20.6	64.6	8.4	30.3	-13.2
828	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-15.2	50.6	99.0	-20.6	13.6	-29.6
829	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-23.3	8.0	-78.6	26.4	-4.0	35.1
830	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-30.8	-15.1	90.7	-2.3	14.1	-7.6
831	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-38.7	-13.7	93.9	-18.3	3.4	-8.8
832	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-48.6	-8.9	94.3	-33.0	-18.5	-10.6
833	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-53.5	-10.2	96.6	-54.9	-25.7	-12.7
834	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-57.3	-12.9	96.7	-73.9	-19.5	-8.2
835	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-56.1	-10.4	94.6	-82.9	-16.7	-2.8
836	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-14.0	13.4	69.8	54.9	57.4	13.1
837	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-6.7	76.0	110.0	-71.8	82.1	-85.2
838	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-28.5	3.3	-78.5	68.8	11.3	25.3
839	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-29.3	-5.1	74.3	-30.8	34.2	2.2
840	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.1	-3.6	80.1	-19.3	30.9	-2.4
841	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-54.5	-4.8	90.1	-23.3	-19.8	-7.1
842	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-61.2	-6.4	94.8	-54.7	-33.2	-13.8
843	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-65.8	-13.6	94.8	-86.1	-46.2	-15.5
844	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.2	-11.4	92.7	-89.5	-18.0	-4.1
845	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-37.0	-23.8	-128.7	514.1	70.9	201.3
846	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	62.1	132.7	155.1	-980.1	-393.7	-50.3
847	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-39.7	-1.9	64.0	-55.9	-19.7	47.8
848	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-33.7	-4.5	75.9	-28.6	37.8	33.7
849	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-41.5	2.4	76.8	14.2	44.4	34.8
850	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-53.7	-5.8	90.5	-12.2	-11.8	-2.9
851	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-59.5	-8.0	94.3	-32.1	-27.0	-10.0
852	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-64.0	-15.3	92.6	-117.2	-52.8	-28.1
853	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-62.7	-13.5	95.9	-114.2	-23.0	-15.3

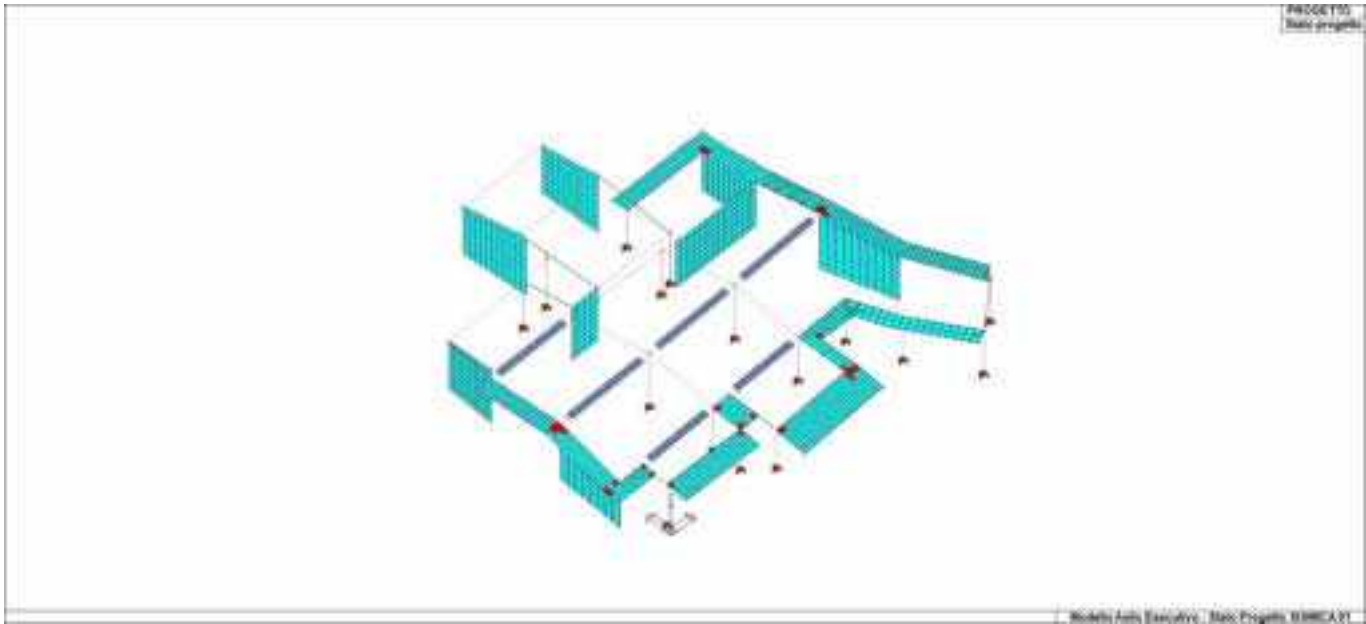
1401	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-230.5	-5.6	-4.1	-81.2	3.6	51.1
1402	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-193.8	-16.5	3.7	54.9	1.4	51.1
1403	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-357.1	-20.7	-47.1	-170.9	-5.9	8.9
1941	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-377.4	-88.2	-60.0	-191.5	-33.4	-6.2
1942	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-26.5	569.7	-139.9	3402.9	792.2	-1130.9
1943	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-51.4	-53.7	-103.3	-382.4	-421.1	468.9
1944	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-227.9	-9.3	-4.2	-73.7	-5.8	55.5
1945	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	-295.3	-14.2	-20.1	-123.7	-7.5	23.6
1946	ok	0.0	0.0	0.0	8.0	8.0	4.5	4.5	151.2	4.3	-3.4	-237.7	-95.0	35.3

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.0	0.0	0.0	8.04	8.04	4.52	4.52	-377.42	-365.86	-187.75	-1361.50	-547.31	-1130.94
								151.18	569.67	155.06	3402.88	792.22	608.49

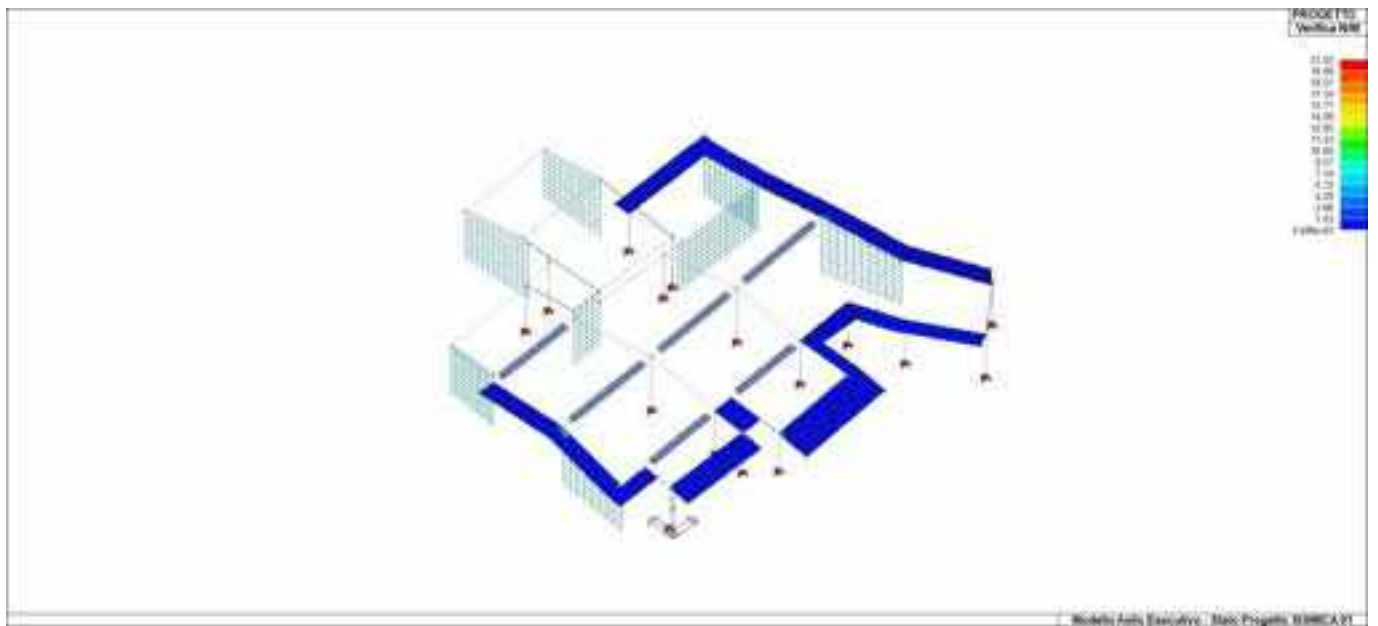
Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
35	ok	0.51						
36	ok	3.12						
65	ok	0.20						
66	ok Av	6.48	0.01	0.30	0.3	7.4	4.7	101.0
70	ok	1.76						
73	ok	0.57						
75	ok	0.13						
77	ok	0.14						
79	ok	0.16						
81	ok	0.15						
83	ok	0.51						
712	ok	3.41						
713	ok	1.62						
714	ok	2.53						
715	ok	0.38						
716	ok	0.23						
717	ok	0.21						
718	ok	0.14						
719	ok	0.22						
720	ok	0.10						
721	ok	0.23						
722	ok	0.11						
723	ok	0.23						
724	ok	0.13						
725	ok	0.21						
726	ok	0.20						
727	ok	0.20						
728	ok	0.33						
729	ok	0.50						
730	ok	0.18						
731	ok	0.14						
732	ok	0.10						
733	ok	0.11						
734	ok	0.13						
735	ok	0.15						
736	ok	0.14						
737	ok	0.13						
738	ok	0.25						
739	ok	0.14						
740	ok	0.13						
741	ok	0.08						
742	ok	0.10						
743	ok	0.11						
744	ok	0.12						
745	ok	0.11						
746	ok	0.22						
747	ok	0.79						
748	ok	0.11						
749	ok	0.06						
750	ok	0.08						
751	ok	0.09						
752	ok	0.10						
753	ok	0.11						
754	ok	0.10						
755	ok	0.22						
756	ok	1.07						
757	ok	0.13						
758	ok	0.05						
759	ok	0.07						

760	ok	0.08
761	ok	0.09
762	ok	0.09
763	ok	0.08
764	ok	0.20
765	ok	1.07
766	ok	0.14
767	ok	0.05
768	ok	0.06
769	ok	0.07
770	ok	0.08
771	ok	0.08
772	ok	0.07
773	ok	0.18
774	ok	0.42
775	ok	0.14
776	ok	0.04
777	ok	0.05
778	ok	0.06
779	ok	0.07
780	ok	0.07
781	ok	0.07
782	ok	0.13
783	ok	0.26
784	ok	0.12
785	ok	0.04
786	ok	0.05
787	ok	0.06
788	ok	0.07
789	ok	0.07
790	ok	0.06
791	ok	0.13
792	ok	0.24
793	ok	0.03
794	ok	0.04
795	ok	0.05
796	ok	0.06
797	ok	0.06
798	ok	0.07
799	ok	0.06
800	ok	0.13
801	ok	0.24
802	ok	0.03
803	ok	0.04
804	ok	0.04
805	ok	0.05
806	ok	0.06
807	ok	0.06
808	ok	0.06
809	ok	0.15
810	ok	0.23
811	ok	0.04
812	ok	0.04
813	ok	0.04
814	ok	0.05
815	ok	0.05
816	ok	0.06
817	ok	0.05
818	ok	0.14
819	ok	0.20
820	ok	0.04
821	ok	0.04
822	ok	0.04
823	ok	0.05
824	ok	0.05
825	ok	0.06
826	ok	0.05
827	ok	0.11
828	ok	0.20
829	ok	0.08
830	ok	0.06
831	ok	0.04
832	ok	0.05
833	ok	0.06
834	ok	0.06
835	ok	0.05
836	ok	0.21

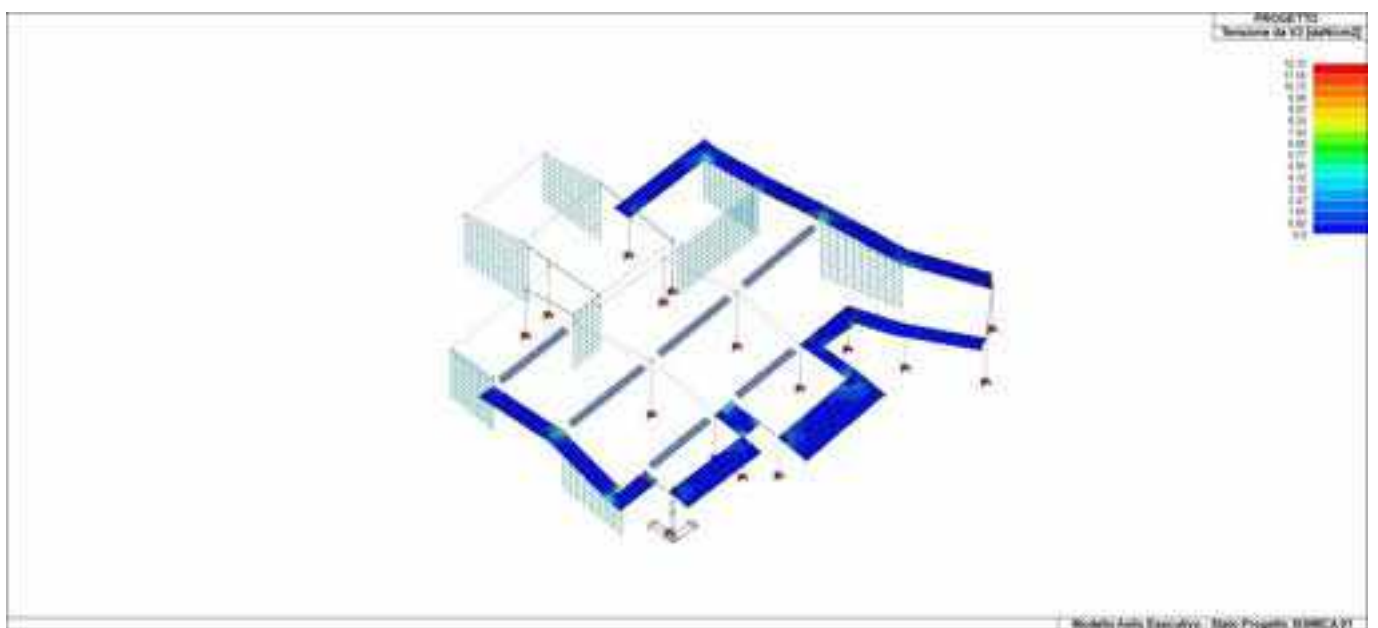
837	ok	0.60						
838	ok	0.17						
839	ok	0.07						
840	ok	0.06						
841	ok	0.05						
842	ok	0.11						
843	ok	0.13						
844	ok	0.09						
845	ok	1.78						
846	ok	3.12						
847	ok	0.57						
848	ok	0.13						
849	ok	0.14						
850	ok	0.16						
851	ok	0.15						
852	ok	0.51						
853	ok	0.51						
1401	ok	0.23						
1402	ok	0.21						
1403	ok	0.20						
1941	ok	0.19						
1942	ok Av	6.48	0.01	0.30	0.3	7.4	4.7	101.0
1943	ok	3.41						
1944	ok	0.22						
1945	ok	0.23						
1946	ok	0.38						
<b>Nodo</b>		<b>Max tau</b> 6.48	<b>Ver V pr</b> 0.01	<b>Ver V sec</b> 0.30	<b>Af V pr</b> 0.34	<b>Af V sec</b> 7.36	<b>V pr</b> 4.65	<b>V sec</b> 101.03



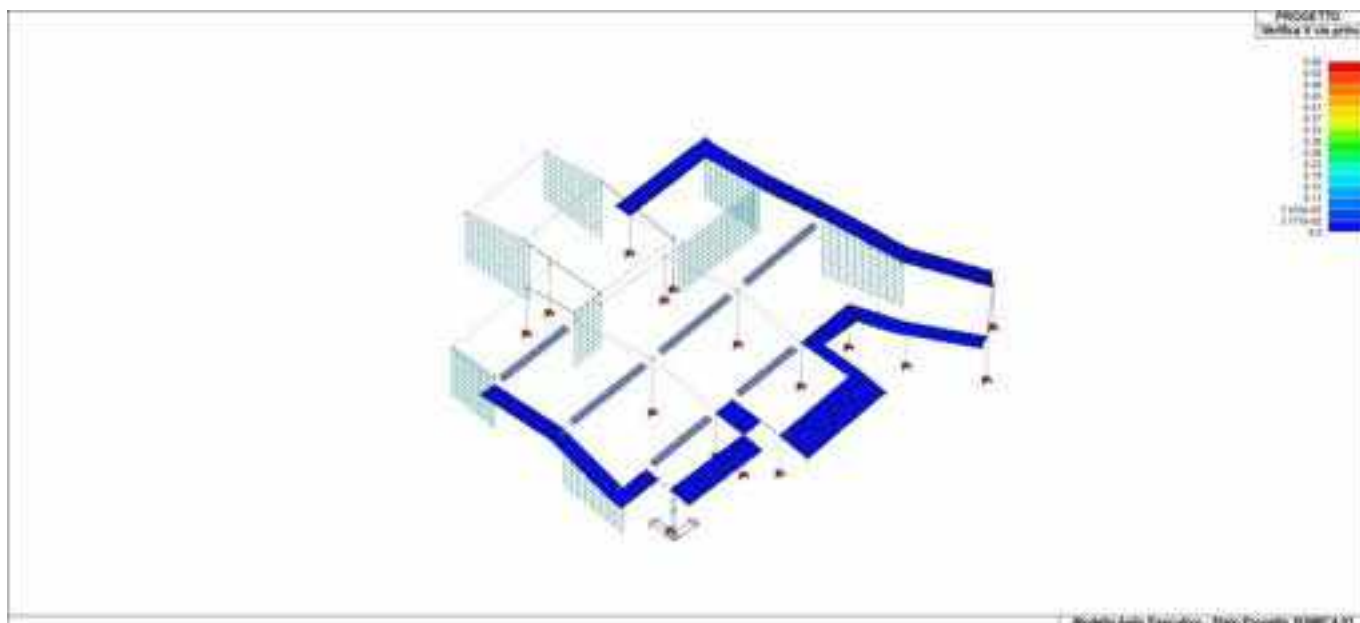
72\_CA\_D3\_01\_Stato progetto



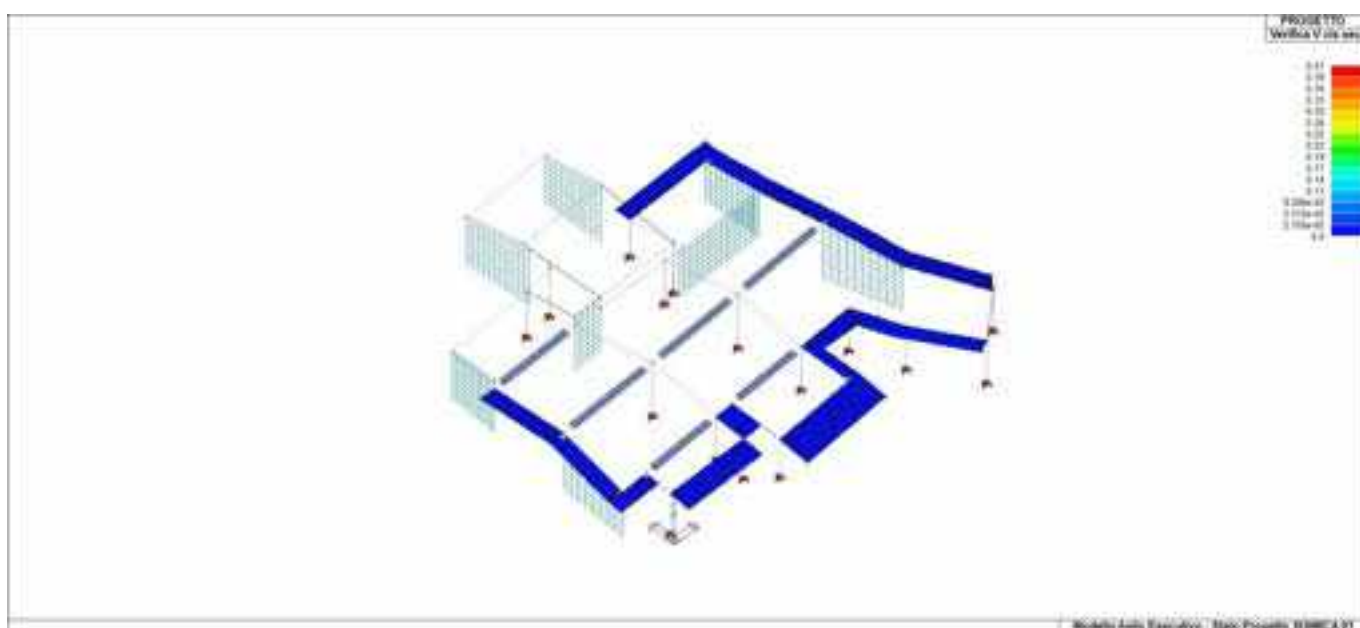
72\_CA\_D3\_02\_Verifica NM



72\_CA\_D3\_05\_Tensione da V3

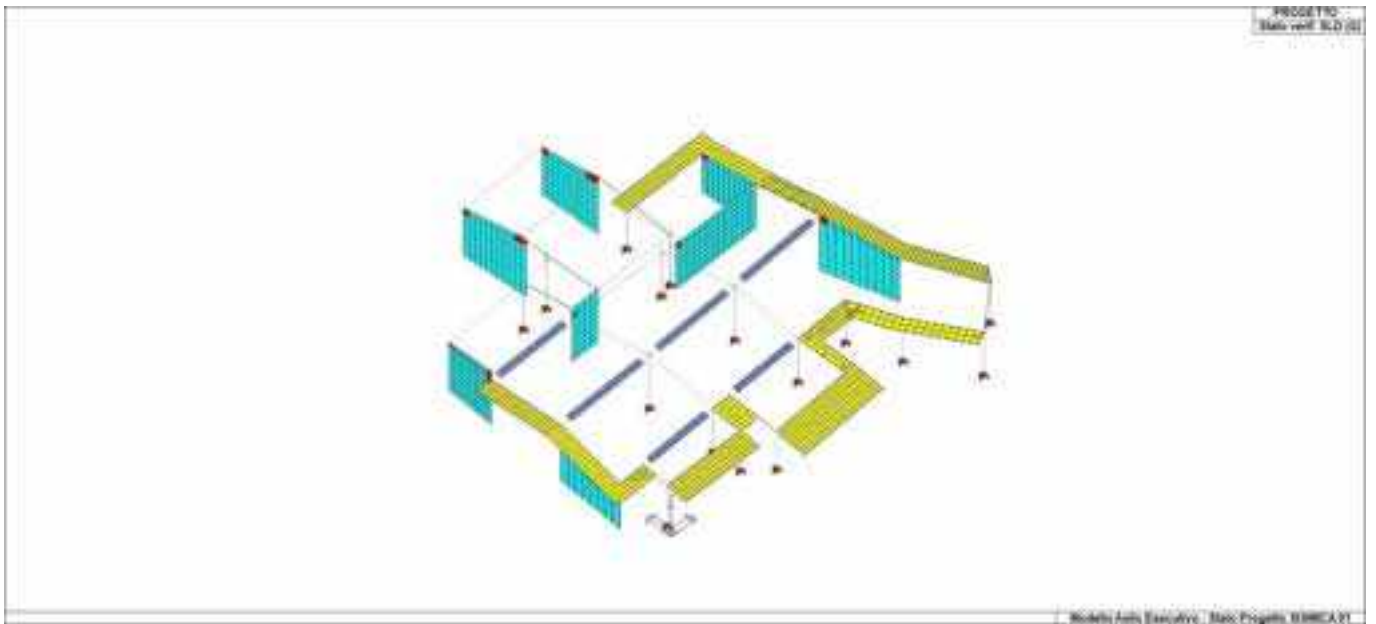


72\_CA\_D3\_06\_Verifica V cls princ

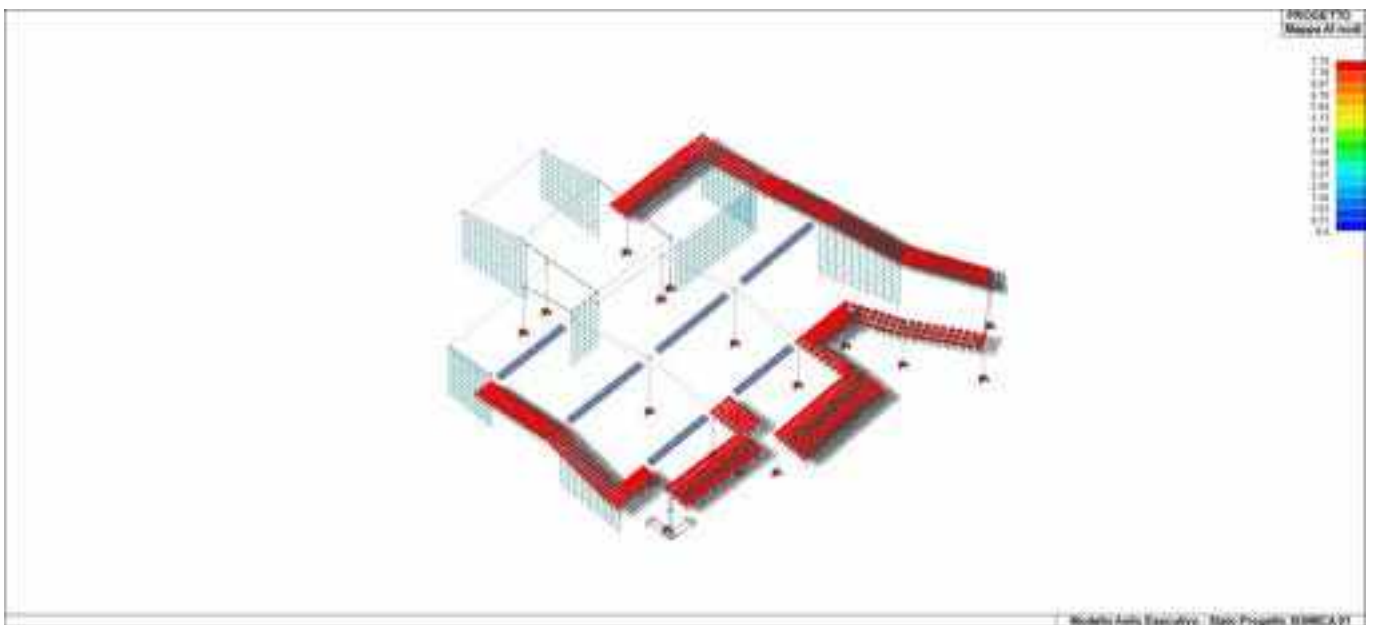


72\_CA\_D3\_07\_Verifica V cls sec

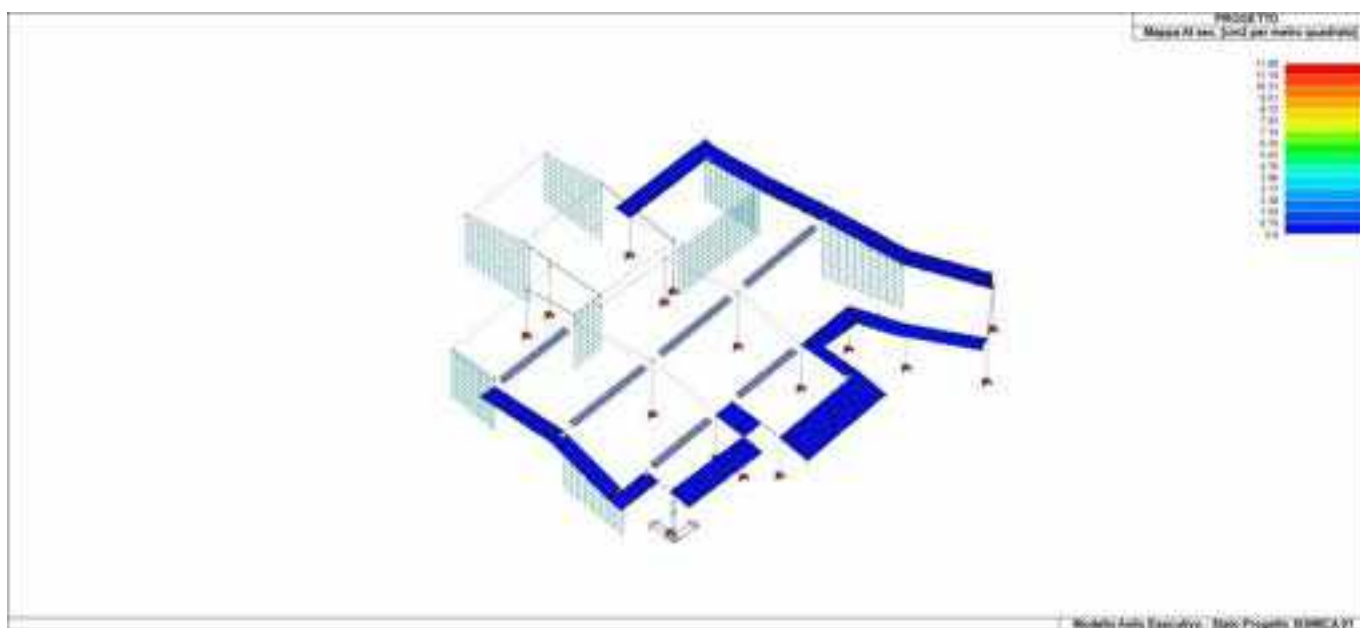
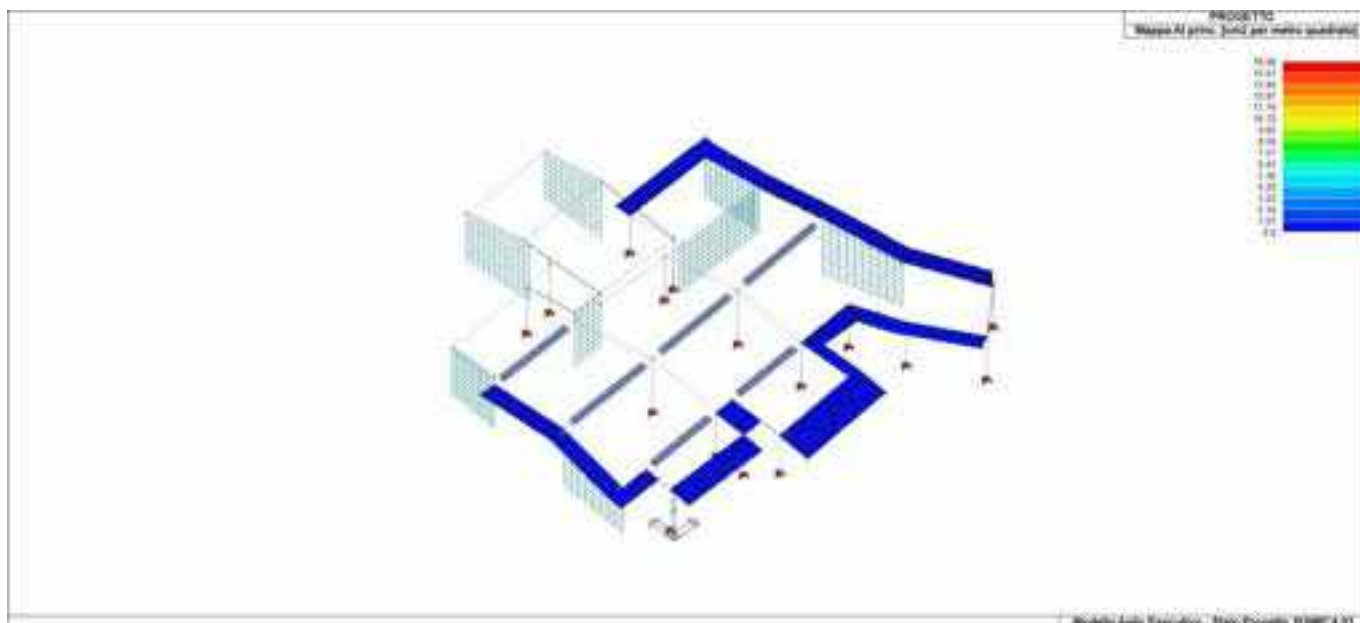


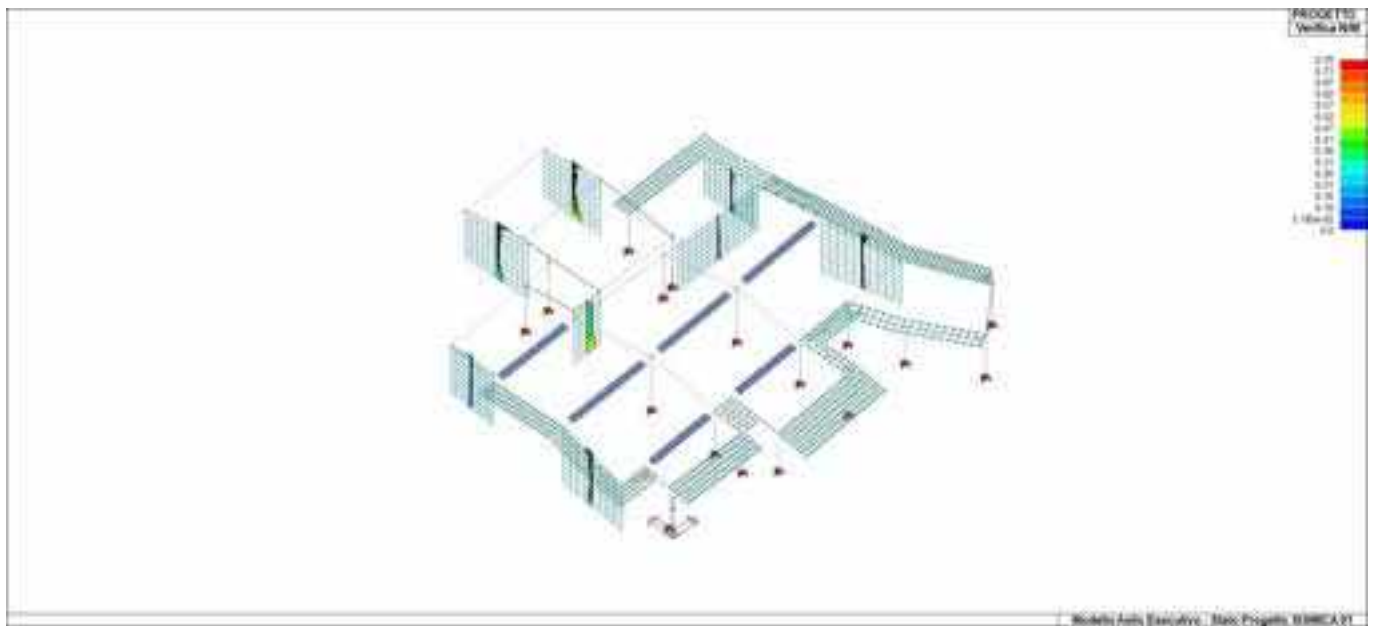


72\_CA\_D3\_12\_Stato verif SLD G

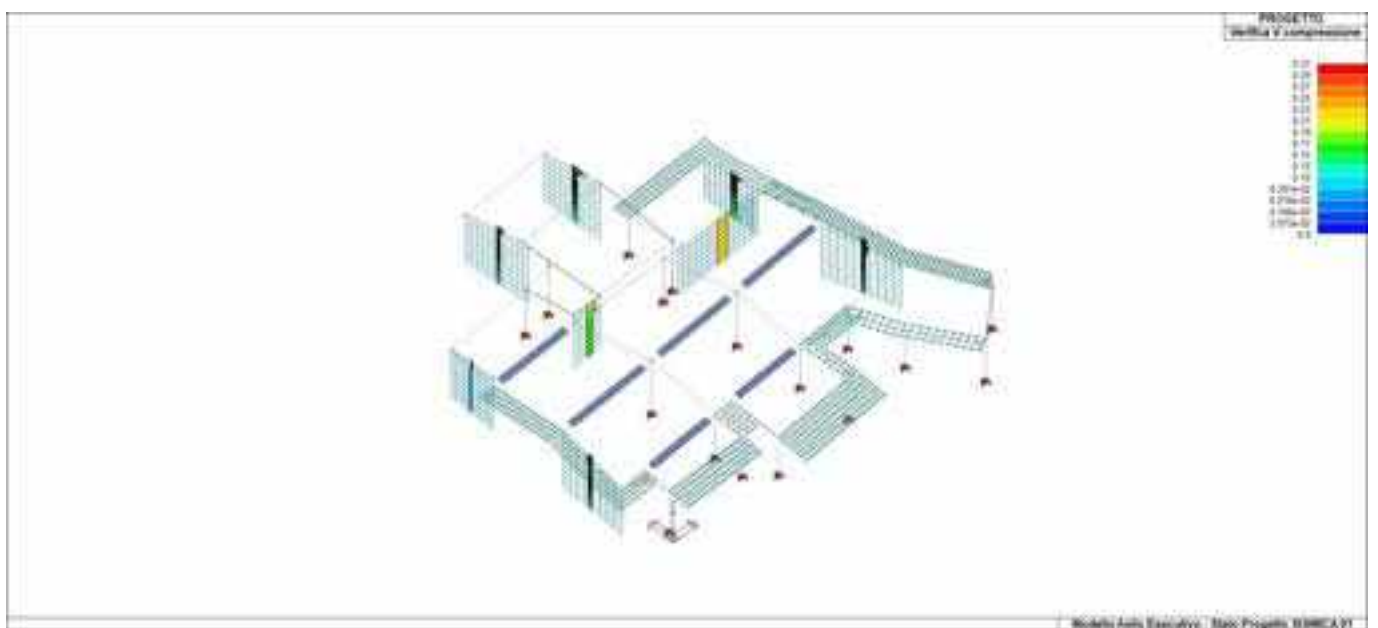


72\_CA\_D3\_25\_Mappa Af nodi

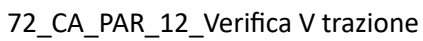




72\_CA\_PAR\_07\_Verifica NM



72\_CA\_PAR\_11\_Verifica V compressione



# STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO

## LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)

Le verifiche RES per SLD sono effettuate in accordo alle Norme Tecniche 17 Gennaio 2018 e alla circolare n.7 del 21 gennaio 2019 nonché alle linee guida del Consiglio Superiore LL.PP. "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP".

Le verifiche RES per SLD, sono riportate nelle successive tabelle nella forma di rapporto "domanda" su "capacità" e hanno esito positivo quando il rapporto è non superiore al valore unitario.

La "domanda" è ottenuta direttamente dall'analisi per le previste combinazioni SLD (NTC18 2.5.3. COMBINAZIONI DELLE AZIONI formula [2.5.5]).

Per "capacità" si intende qui il valore della sollecitazione corrispondente al raggiungimento dello stato limite di danno per la sezione: per la resistenza flessionale questo stato limite si identifica con la tensione di snervamento dell'acciaio o la resistenza massima a compressione per il calcestruzzo e la muratura. Lo stato limite di danno si ritiene attinto anche in caso di superamento della resistenza a taglio.

Le resistenze flessionali sono valutate utilizzando i legami costitutivi del materiale limitati al solo tratto elastico, ottenendo così resistenze sostanzialmente elastiche come previsto dalla norma.

La seguente tabella identifica per quali configurazioni (materiale nuovo, esistente, con rinforzi e metodo di analisi) sono state condotte le verifiche di seguito riportate.

<b>Configurazione</b>	<b>Verifica SLD</b>	<b>NOTE</b>
<b>1) c.a. nuovo e esist.</b> <b>Verifica SLU con <math>q&gt;1</math></b>	Verifica N/M SE Verifica V/T	Sono verifiche per struttura non dissipativa condotte secondo il cap.4 NTC18 in regime sostanzialmente elastico; si verificano travi, pilastri, setti e gusci.
<b>2) Muratura nuova</b> <b>Verifica SLU con <math>q&gt;1</math></b>	Verifica N/M SE Verifica V	Per N/M identificato SL elastico, per V formulazione secondo cap.7
<b>3) Muratura esis. AO</b> <b>Verifica SLU con <math>q&gt;1</math></b>	Verifica N/M SE Verifica V	Per N/M identificato SL elastico, per V formulazione secondo cap. 7 e 8
<b>4) Muratura esis. PO</b> <b>Verifica SLU con <math>q&gt;1</math></b>	Verifica N/M SE Verifica V	Per N/M identificato SL elastico, per V formulazione secondo cap. 7 e 8; Anche per rinforzi FRP è prevista verifica N/M SE e V

## Simbologia adottata nelle tabelle di verifica

Per le verifiche agli SLD di pilastri, travi setti e gusci in c.a. è presente una tabella con i simboli di seguito descritti:

Pilas./Trave/ Setto/Guscio	numero identificativo dell'elemento D2 o D3
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Pos.	Posizione nell'elemento della sezione per la quale si riporta la verifica
V N/M	Verifica a pressoflessione con rapporto $E_d/R_d$ : valore minore o uguale a 1 per verifica positiva
V V/T cls	Verifica a taglio/torsione con rapporto $V_{ed}/V_{rd}$ lato cls: valore minore o uguale a 1 per verifica

	positiva
V V/T acc	Verifica a taglio/torsione con rapporto $V_{ed}/V_{rd}$ lato acciaio: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche agli SLD di maschi e fasce in **muratura**, è presente una tabella con i simboli di seguito descritti:

<b>Setto/Fascia/Elem.</b>	numero del macroelemento (D3) o elemento (D2) considerato	
<b>Mat.</b>	Materiale	
<b>s=,m=</b>	Indice della sezione e del materiale assegnati all' elemento (per D2)	
<b>Spessore</b>	spessore dell'elemento	
<b>Stato</b>	<b>ok</b>	elemento verificato (SLD)
	<b>NV</b>	elemento non verificato (SLD)

e a seguire:

<b>Nodo/Pos.</b>	numero del nodo appartenente al setto / posizione relativa al nodo I per D2
<b>h0/t</b>	valore della snellezza convenzionale
<b>P/Ap</b>	tensione verticale media utilizzata per la verifica a pressoflessione nel piano del muro
<b>P/Acv</b>	tensione verticale media nella parte compressa, utilizzata nella verifica a taglio nel piano del muro
<b>Ver. Mp</b>	rapporto tra il momento di progetto e il momento $M_{rd}$ in relazione alla verifica Par. 7.8.2.2.1 (pressoflessione complanare) effettuato per tutte le combinazioni
<b>Ver. V</b>	rapporto il taglio di progetto e il taglio ultimo in relazione alla verifica Par. 7.8.2.2.2 (taglio complanare) o C8.7.1.16 della circolare 21-01-19 per edifici esistenti effettuato per tutte le combinazioni (solo per elementi maschi)
<b>Ver. V</b>	rapporto tra il taglio di progetto e il minore dei tagli resistenti $V_p$ e $V_t$ in relazione alla verifica del par. 7.8.2.2.3 (solo per elementi fasce)
<b>Rif. cmb</b>	Combinazioni in cui si hanno i massimi valori dei rapporti Ver. Mp, Ver. V

Per elementi consolidati secondo il paragrafo C8.5.3.1 il programma opera come per gli elementi non rinforzati, considerando ai fini delle analisi e delle verifiche gli opportuni coefficienti correttivi delle rigidezze e delle resistenze.

Per elementi consolidati con FRP il programma implementa le verifiche previste dalle "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP" approvate dal CSLLPP il 24/07/2009.

Per elementi consolidati con FRCM il programma implementa le verifiche previste dalle CNR-DT 215/2018 "Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica"

Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati.

Le tabelle riportano inoltre i seguenti parametri:

<b>Fibra</b>	Tipo di fibra del fibrorinforzo
<b>E fibra</b>	Modulo elastico del fibrorinforzo
<b>epsr</b>	Dilatazione di rottura del fibrorinforzo
<b>epsd</b>	Dilatazione di calcolo
<b>epsd(s)</b>	Dilatazione di calcolo per combinazioni sismiche
<b>Spess.</b>	Spessore del fibrorinforzo, il programma prevede l' applicazione di uno strato di spessore s su entrambe le facce della parete (o sui quattro lati della sezione in caso di confinamento)
<b>AO fib.</b>	Area orizzontale complessiva di fibrorinforzo per metro lineare
<b>AV fib.</b>	Area verticale complessiva di fibrorinforzo per metro lineare

Affinché l'elemento sia verificato deve essere:

**Ver. Mp, Ver.V** non superiore a 1

**TABELLA VERIFICHE ELEMENTI D3 SETTI C.A.**

Setto	Stato	Nodo	V N/M	V V/T cls	V V/T acc	Rif. cmb	Nodo	V N/M	V V/T cls	V V/T acc	Rif. cmb
1	ok	72	0.48	0.0	0.0	36,0,0	36	0.15	0.0	0.0	36,0,0
		70	0.14	0.0	0.0	33,0,0	71	0.14	0.0	0.0	33,0,0
2	ok	71	0.12	0.0	0.0	33,0,0	70	0.07	0.0	0.0	33,0,0
		73	0.08	0.0	0.0	33,0,0	74	0.09	0.0	0.0	33,0,0
3	ok	74	0.09	0.0	0.0	33,0,0	73	0.07	0.0	0.0	33,0,0
		75	0.08	0.0	0.0	33,0,0	76	0.07	0.0	0.0	45,0,0
4	ok	76	0.08	0.0	0.0	33,0,0	75	0.08	0.0	0.0	33,0,0
		77	0.09	0.0	0.0	37,0,0	78	0.09	0.0	0.0	33,0,0
5	ok	78	0.08	0.0	0.0	33,0,0	77	0.09	0.0	0.0	33,0,0
		79	0.08	0.0	0.0	33,0,0	80	0.08	0.0	0.0	33,0,0
6	ok	80	0.08	0.0	0.0	33,0,0	79	0.08	0.0	0.0	33,0,0
		81	0.07	0.0	0.0	33,0,0	82	0.07	0.0	0.0	33,0,0
7	ok	82	0.07	0.0	0.0	33,0,0	81	0.06	0.0	0.0	36,0,0
		83	0.07	0.0	0.0	33,0,0	84	0.06	0.0	0.0	40,0,0
8	ok	84	0.08	0.0	0.0	40,0,0	83	0.09	0.0	0.0	40,0,0
		35	0.09	0.0	0.0	40,0,0	85	0.07	0.0	0.0	40,0,0
9	ok	87	0.25	0.0	0.0	36,0,0	72	0.20	0.0	0.0	36,0,0
		71	0.09	0.0	0.0	33,0,0	86	0.09	0.0	0.0	36,0,0
10	ok	86	0.12	0.0	0.0	36,0,0	71	0.09	0.0	0.0	33,0,0
		74	0.10	0.0	0.0	33,0,0	88	0.10	0.0	0.0	33,0,0
11	ok	88	0.08	0.0	0.0	33,0,0	74	0.08	0.0	0.0	33,0,0
		76	0.08	0.0	0.0	33,0,0	89	0.08	0.0	0.0	33,0,0
12	ok	89	0.07	0.0	0.0	33,0,0	76	0.08	0.0	0.0	33,0,0
		78	0.09	0.0	0.0	33,0,0	90	0.08	0.0	0.0	33,0,0
13	ok	90	0.08	0.0	0.0	33,0,0	78	0.08	0.0	0.0	33,0,0
		80	0.08	0.0	0.0	33,0,0	91	0.08	0.0	0.0	33,0,0
14	ok	91	0.07	0.0	0.0	33,0,0	80	0.08	0.0	0.0	33,0,0
		82	0.07	0.0	0.0	33,0,0	92	0.07	0.0	0.0	37,0,0
15	ok	92	0.06	0.0	0.0	49,0,0	82	0.07	0.0	0.0	33,0,0
		84	0.07	0.0	0.0	36,0,0	93	0.07	0.0	0.0	36,0,0
16	ok	93	0.07	0.0	0.0	36,0,0	84	0.07	0.0	0.0	36,0,0
		85	0.07	0.0	0.0	36,0,0	94	0.05	0.0	0.0	36,0,0
17	ok	96	0.16	0.0	0.0	36,0,0	87	0.16	0.0	0.0	36,0,0
		86	0.09	0.0	0.0	33,0,0	95	0.11	0.0	0.0	36,0,0
18	ok	95	0.12	0.0	0.0	36,0,0	86	0.09	0.0	0.0	33,0,0
		88	0.10	0.0	0.0	33,0,0	97	0.10	0.0	0.0	33,0,0
19	ok	97	0.10	0.0	0.0	33,0,0	88	0.09	0.0	0.0	33,0,0
		89	0.08	0.0	0.0	33,0,0	98	0.08	0.0	0.0	33,0,0
20	ok	98	0.07	0.0	0.0	37,0,0	89	0.07	0.0	0.0	33,0,0
		90	0.08	0.0	0.0	33,0,0	99	0.07	0.0	0.0	33,0,0
21	ok	99	0.07	0.0	0.0	37,0,0	90	0.08	0.0	0.0	37,0,0
		91	0.08	0.0	0.0	37,0,0	100	0.07	0.0	0.0	37,0,0
22	ok	100	0.07	0.0	0.0	37,0,0	91	0.08	0.0	0.0	37,0,0
		92	0.06	0.0	0.0	49,0,0	101	0.06	0.0	0.0	49,0,0
23	ok	101	0.06	0.0	0.0	49,0,0	92	0.06	0.0	0.0	49,0,0
		93	0.05	0.0	0.0	49,0,0	102	0.05	0.0	0.0	49,0,0
24	ok	102	0.05	0.0	0.0	36,0,0	93	0.05	0.0	0.0	49,0,0
		94	0.05	0.0	0.0	36,0,0	103	0.05	0.0	0.0	49,0,0
25	ok	105	0.14	0.0	0.0	52,0,0	96	0.12	0.0	0.0	52,0,0
		95	0.10	0.0	0.0	33,0,0	104	0.11	0.0	0.0	33,0,0
26	ok	104	0.12	0.0	0.0	33,0,0	95	0.10	0.0	0.0	33,0,0
		97	0.10	0.0	0.0	33,0,0	106	0.10	0.0	0.0	33,0,0
27	ok	106	0.10	0.0	0.0	33,0,0	97	0.10	0.0	0.0	33,0,0
		98	0.08	0.0	0.0	33,0,0	107	0.08	0.0	0.0	33,0,0
28	ok	107	0.06	0.0	0.0	33,0,0	98	0.07	0.0	0.0	33,0,0
		99	0.08	0.0	0.0	33,0,0	108	0.07	0.0	0.0	33,0,0
29	ok	108	0.06	0.0	0.0	33,0,0	99	0.07	0.0	0.0	33,0,0
		100	0.07	0.0	0.0	33,0,0	109	0.06	0.0	0.0	33,0,0
30	ok	109	0.06	0.0	0.0	33,0,0	100	0.07	0.0	0.0	53,0,0
		101	0.06	0.0	0.0	49,0,0	110	0.06	0.0	0.0	36,0,0
31	ok	110	0.05	0.0	0.0	36,0,0	101	0.06	0.0	0.0	49,0,0

		102	0.05	0.0	0.0	49,0,0	111	0.05	0.0	0.0	36,0,0
32	ok	111	0.05	0.0	0.0	36,0,0	102	0.05	0.0	0.0	49,0,0
		103	0.05	0.0	0.0	36,0,0	112	0.05	0.0	0.0	36,0,0
33	ok	114	0.14	0.0	0.0	33,0,0	105	0.11	0.0	0.0	33,0,0
		104	0.12	0.0	0.0	33,0,0	113	0.15	0.0	0.0	33,0,0
34	ok	113	0.15	0.0	0.0	33,0,0	104	0.12	0.0	0.0	33,0,0
		106	0.10	0.0	0.0	33,0,0	115	0.11	0.0	0.0	33,0,0
35	ok	115	0.11	0.0	0.0	33,0,0	106	0.10	0.0	0.0	33,0,0
		107	0.08	0.0	0.0	33,0,0	116	0.07	0.0	0.0	36,0,0
36	ok	116	0.07	0.0	0.0	36,0,0	107	0.06	0.0	0.0	33,0,0
		108	0.07	0.0	0.0	33,0,0	117	0.07	0.0	0.0	36,0,0
37	ok	117	0.07	0.0	0.0	36,0,0	108	0.06	0.0	0.0	33,0,0
		109	0.06	0.0	0.0	33,0,0	118	0.06	0.0	0.0	36,0,0
38	ok	118	0.06	0.0	0.0	36,0,0	109	0.06	0.0	0.0	33,0,0
		110	0.05	0.0	0.0	49,0,0	119	0.05	0.0	0.0	36,0,0
39	ok	119	0.05	0.0	0.0	36,0,0	110	0.05	0.0	0.0	49,0,0
		111	0.04	0.0	0.0	36,0,0	120	0.05	0.0	0.0	36,0,0
40	ok	120	0.05	0.0	0.0	36,0,0	111	0.04	0.0	0.0	49,0,0
		112	0.05	0.0	0.0	36,0,0	121	0.06	0.0	0.0	36,0,0
41	ok	123	0.20	0.0	0.0	33,0,0	114	0.16	0.0	0.0	33,0,0
		113	0.15	0.0	0.0	33,0,0	122	0.19	0.0	0.0	33,0,0
42	ok	122	0.18	0.0	0.0	33,0,0	113	0.15	0.0	0.0	33,0,0
		115	0.11	0.0	0.0	33,0,0	124	0.12	0.0	0.0	33,0,0
43	ok	124	0.11	0.0	0.0	33,0,0	115	0.11	0.0	0.0	33,0,0
		116	0.07	0.0	0.0	33,0,0	125	0.09	0.0	0.0	36,0,0
44	ok	125	0.08	0.0	0.0	36,0,0	116	0.06	0.0	0.0	36,0,0
		117	0.06	0.0	0.0	36,0,0	126	0.08	0.0	0.0	36,0,0
45	ok	126	0.08	0.0	0.0	36,0,0	117	0.06	0.0	0.0	36,0,0
		118	0.06	0.0	0.0	36,0,0	127	0.07	0.0	0.0	36,0,0
46	ok	127	0.07	0.0	0.0	36,0,0	118	0.06	0.0	0.0	36,0,0
		119	0.05	0.0	0.0	36,0,0	128	0.06	0.0	0.0	36,0,0
47	ok	128	0.06	0.0	0.0	36,0,0	119	0.05	0.0	0.0	36,0,0
		120	0.05	0.0	0.0	36,0,0	129	0.05	0.0	0.0	36,0,0
48	ok	129	0.05	0.0	0.0	36,0,0	120	0.04	0.0	0.0	36,0,0
		121	0.07	0.0	0.0	36,0,0	130	0.07	0.0	0.0	36,0,0
49	ok	132	0.29	0.0	0.0	33,0,0	123	0.22	0.0	0.0	33,0,0
		122	0.19	0.0	0.0	33,0,0	131	0.24	0.0	0.0	33,0,0
50	ok	131	0.22	0.0	0.0	33,0,0	122	0.19	0.0	0.0	33,0,0
		124	0.12	0.0	0.0	33,0,0	133	0.12	0.0	0.0	33,0,0
51	ok	133	0.11	0.0	0.0	33,0,0	124	0.11	0.0	0.0	33,0,0
		125	0.07	0.0	0.0	36,0,0	134	0.09	0.0	0.0	36,0,0
52	ok	134	0.10	0.0	0.0	36,0,0	125	0.08	0.0	0.0	36,0,0
		126	0.07	0.0	0.0	36,0,0	135	0.09	0.0	0.0	36,0,0
53	ok	135	0.10	0.0	0.0	36,0,0	126	0.07	0.0	0.0	36,0,0
		127	0.06	0.0	0.0	36,0,0	136	0.08	0.0	0.0	36,0,0
54	ok	136	0.08	0.0	0.0	36,0,0	127	0.07	0.0	0.0	36,0,0
		128	0.05	0.0	0.0	36,0,0	137	0.06	0.0	0.0	36,0,0
55	ok	137	0.06	0.0	0.0	36,0,0	128	0.05	0.0	0.0	36,0,0
		129	0.05	0.0	0.0	36,0,0	138	0.06	0.0	0.0	36,0,0
56	ok	138	0.06	0.0	0.0	36,0,0	129	0.04	0.0	0.0	36,0,0
		130	0.08	0.0	0.0	36,0,0	139	0.08	0.0	0.0	36,0,0
57	ok	141	0.43	0.0	0.0	33,0,0	132	0.31	0.0	0.0	33,0,0
		131	0.25	0.0	0.0	33,0,0	140	0.28	0.0	0.0	33,0,0
58	ok	140	0.25	0.0	0.0	33,0,0	131	0.22	0.0	0.0	33,0,0
		133	0.12	0.0	0.0	33,0,0	142	0.14	0.0	0.0	36,0,0
59	ok	142	0.14	0.0	0.0	36,0,0	133	0.11	0.0	0.0	52,0,0
		134	0.09	0.0	0.0	36,0,0	143	0.11	0.0	0.0	36,0,0
60	ok	143	0.12	0.0	0.0	36,0,0	134	0.10	0.0	0.0	36,0,0
		135	0.08	0.0	0.0	36,0,0	144	0.09	0.0	0.0	36,0,0
61	ok	144	0.11	0.0	0.0	36,0,0	135	0.09	0.0	0.0	36,0,0
		136	0.07	0.0	0.0	36,0,0	145	0.08	0.0	0.0	36,0,0
62	ok	145	0.09	0.0	0.0	36,0,0	136	0.08	0.0	0.0	36,0,0
		137	0.05	0.0	0.0	36,0,0	146	0.06	0.0	0.0	36,0,0
63	ok	146	0.07	0.0	0.0	36,0,0	137	0.05	0.0	0.0	36,0,0
		138	0.06	0.0	0.0	36,0,0	147	0.06	0.0	0.0	36,0,0
64	ok	147	0.06	0.0	0.0	36,0,0	138	0.05	0.0	0.0	36,0,0
		139	0.09	0.0	0.0	36,0,0	148	0.09	0.0	0.0	36,0,0
65	ok	150	0.67	0.0	0.0	33,0,0	141	0.38	0.0	0.0	33,0,0
		140	0.33	0.0	0.0	33,0,0	149	0.27	0.0	0.0	45,0,0
66	ok	149	0.25	0.0	0.0	36,0,0	140	0.26	0.0	0.0	33,0,0
		142	0.15	0.0	0.0	36,0,0	151	0.15	0.0	0.0	36,0,0
67	ok	151	0.15	0.0	0.0	36,0,0	142	0.15	0.0	0.0	36,0,0
		143	0.10	0.0	0.0	36,0,0	152	0.10	0.0	0.0	36,0,0
68	ok	152	0.11	0.0	0.0	36,0,0	143	0.11	0.0	0.0	36,0,0
		144	0.08	0.0	0.0	36,0,0	153	0.08	0.0	0.0	36,0,0
69	ok	153	0.09	0.0	0.0	36,0,0	144	0.09	0.0	0.0	36,0,0
		145	0.06	0.0	0.0	36,0,0	154	0.06	0.0	0.0	36,0,0

70	ok	154	0.08	0.0	0.0	36,0,0	145	0.07	0.0	0.0	36,0,0
		146	0.04	0.0	0.0	49,0,0	155	0.05	0.0	0.0	36,0,0
71	ok	155	0.07	0.0	0.0	36,0,0	146	0.05	0.0	0.0	36,0,0
		147	0.06	0.0	0.0	36,0,0	156	0.07	0.0	0.0	36,0,0
72	ok	156	0.07	0.0	0.0	49,0,0	147	0.06	0.0	0.0	49,0,0
		148	0.11	0.0	0.0	36,0,0	157	0.12	0.0	0.0	36,0,0
74	ok	158	0.25	0.0	0.0	45,0,0	149	0.28	0.0	0.0	36,0,0
		151	0.13	0.0	0.0	36,0,0	159	0.13	0.0	0.0	45,0,0
75	ok	159	0.13	0.0	0.0	33,0,0	151	0.14	0.0	0.0	36,0,0
		152	0.09	0.0	0.0	36,0,0	160	0.08	0.0	0.0	33,0,0
76	ok	160	0.09	0.0	0.0	33,0,0	152	0.10	0.0	0.0	36,0,0
		153	0.07	0.0	0.0	36,0,0	161	0.06	0.0	0.0	33,0,0
77	ok	161	0.06	0.0	0.0	33,0,0	153	0.08	0.0	0.0	36,0,0
		154	0.05	0.0	0.0	36,0,0	162	0.04	0.0	0.0	33,0,0
78	ok	162	0.04	0.0	0.0	33,0,0	154	0.06	0.0	0.0	36,0,0
		155	0.05	0.0	0.0	49,0,0	163	0.05	0.0	0.0	49,0,0
79	ok	163	0.06	0.0	0.0	49,0,0	155	0.06	0.0	0.0	49,0,0
		156	0.07	0.0	0.0	49,0,0	164	0.08	0.0	0.0	49,0,0
80	ok	164	0.11	0.0	0.0	36,0,0	156	0.09	0.0	0.0	36,0,0
		157	0.17	0.0	0.0	36,0,0	37	0.15	0.0	0.0	36,0,0
82	ok	166	0.23	0.0	0.0	47,0,0	165	0.37	0.0	0.0	45,0,0
		168	0.30	0.0	0.0	47,0,0	169	0.16	0.0	0.0	42,0,0
83	ok	169	0.16	0.0	0.0	43,0,0	168	0.15	0.0	0.0	46,0,0
		170	0.10	0.0	0.0	46,0,0	171	0.11	0.0	0.0	43,0,0
84	ok	171	0.12	0.0	0.0	43,0,0	170	0.10	0.0	0.0	46,0,0
		172	0.07	0.0	0.0	46,0,0	173	0.09	0.0	0.0	43,0,0
85	ok	173	0.12	0.0	0.0	43,0,0	172	0.08	0.0	0.0	43,0,0
		174	0.06	0.0	0.0	42,0,0	175	0.08	0.0	0.0	43,0,0
86	ok	175	0.11	0.0	0.0	43,0,0	174	0.08	0.0	0.0	43,0,0
		176	0.08	0.0	0.0	42,0,0	177	0.08	0.0	0.0	42,0,0
87	ok	177	0.10	0.0	0.0	43,0,0	176	0.10	0.0	0.0	42,0,0
		178	0.12	0.0	0.0	42,0,0	179	0.11	0.0	0.0	42,0,0
88	ok	179	0.13	0.0	0.0	42,0,0	178	0.14	0.0	0.0	43,0,0
		7	0.16	0.0	0.0	42,0,0	180	0.19	0.0	0.0	47,0,0
90	ok	181	0.19	0.0	0.0	41,0,0	166	0.24	0.0	0.0	45,0,0
		169	0.14	0.0	0.0	47,0,0	183	0.13	0.0	0.0	47,0,0
91	ok	183	0.13	0.0	0.0	43,0,0	169	0.14	0.0	0.0	43,0,0
		171	0.10	0.0	0.0	43,0,0	184	0.09	0.0	0.0	43,0,0
92	ok	184	0.12	0.0	0.0	43,0,0	171	0.12	0.0	0.0	43,0,0
		173	0.08	0.0	0.0	43,0,0	185	0.07	0.0	0.0	43,0,0
93	ok	185	0.12	0.0	0.0	43,0,0	173	0.12	0.0	0.0	43,0,0
		175	0.08	0.0	0.0	43,0,0	186	0.07	0.0	0.0	43,0,0
94	ok	186	0.11	0.0	0.0	43,0,0	175	0.11	0.0	0.0	43,0,0
		177	0.08	0.0	0.0	42,0,0	187	0.07	0.0	0.0	42,0,0
95	ok	187	0.09	0.0	0.0	43,0,0	177	0.11	0.0	0.0	43,0,0
		179	0.11	0.0	0.0	42,0,0	188	0.10	0.0	0.0	42,0,0
96	ok	188	0.12	0.0	0.0	42,0,0	179	0.11	0.0	0.0	42,0,0
		180	0.15	0.0	0.0	45,0,0	189	0.14	0.0	0.0	45,0,0
97	ok	191	0.70	0.0	0.0	46,0,0	182	0.86	0.0	0.0	46,0,0
		181	0.31	0.0	0.0	46,0,0	190	0.29	0.0	0.0	46,0,0
98	ok	190	0.25	0.0	0.0	46,0,0	181	0.23	0.0	0.0	46,0,0
		183	0.14	0.0	0.0	47,0,0	192	0.11	0.0	0.0	47,0,0
99	ok	192	0.11	0.0	0.0	43,0,0	183	0.13	0.0	0.0	43,0,0
		184	0.12	0.0	0.0	43,0,0	193	0.09	0.0	0.0	43,0,0
100	ok	193	0.12	0.0	0.0	43,0,0	184	0.13	0.0	0.0	43,0,0
		185	0.09	0.0	0.0	43,0,0	194	0.08	0.0	0.0	43,0,0
101	ok	194	0.11	0.0	0.0	43,0,0	185	0.13	0.0	0.0	43,0,0
		186	0.09	0.0	0.0	43,0,0	195	0.07	0.0	0.0	43,0,0
102	ok	195	0.10	0.0	0.0	43,0,0	186	0.11	0.0	0.0	43,0,0
		187	0.08	0.0	0.0	43,0,0	196	0.06	0.0	0.0	42,0,0
103	ok	196	0.08	0.0	0.0	43,0,0	187	0.10	0.0	0.0	43,0,0
		188	0.10	0.0	0.0	45,0,0	197	0.10	0.0	0.0	45,0,0
104	ok	197	0.11	0.0	0.0	45,0,0	188	0.11	0.0	0.0	45,0,0
		189	0.14	0.0	0.0	45,0,0	198	0.14	0.0	0.0	45,0,0
105	ok	200	0.48	0.0	0.0	46,0,0	191	0.55	0.0	0.0	46,0,0
		190	0.25	0.0	0.0	46,0,0	199	0.23	0.0	0.0	46,0,0
106	ok	199	0.22	0.0	0.0	46,0,0	190	0.24	0.0	0.0	46,0,0
		192	0.12	0.0	0.0	46,0,0	201	0.12	0.0	0.0	46,0,0
107	ok	201	0.10	0.0	0.0	46,0,0	192	0.11	0.0	0.0	43,0,0
		193	0.11	0.0	0.0	43,0,0	202	0.09	0.0	0.0	43,0,0
108	ok	202	0.11	0.0	0.0	43,0,0	193	0.13	0.0	0.0	43,0,0
		194	0.10	0.0	0.0	43,0,0	203	0.08	0.0	0.0	43,0,0
109	ok	203	0.10	0.0	0.0	43,0,0	194	0.12	0.0	0.0	43,0,0
		195	0.09	0.0	0.0	43,0,0	204	0.07	0.0	0.0	43,0,0
110	ok	204	0.08	0.0	0.0	43,0,0	195	0.10	0.0	0.0	43,0,0
		196	0.07	0.0	0.0	43,0,0	205	0.06	0.0	0.0	45,0,0
111	ok	205	0.07	0.0	0.0	45,0,0	196	0.08	0.0	0.0	43,0,0

		197	0.10	0.0	0.0	45,0,0	206	0.10	0.0	0.0	45,0,0
112	ok	206	0.11	0.0	0.0	45,0,0	197	0.11	0.0	0.0	45,0,0
		198	0.14	0.0	0.0	45,0,0	207	0.13	0.0	0.0	45,0,0
113	ok	209	0.33	0.0	0.0	46,0,0	200	0.37	0.0	0.0	46,0,0
		199	0.19	0.0	0.0	46,0,0	208	0.15	0.0	0.0	46,0,0
114	ok	208	0.17	0.0	0.0	46,0,0	199	0.20	0.0	0.0	46,0,0
		201	0.12	0.0	0.0	46,0,0	210	0.12	0.0	0.0	46,0,0
115	ok	210	0.12	0.0	0.0	46,0,0	201	0.11	0.0	0.0	46,0,0
		202	0.10	0.0	0.0	43,0,0	211	0.09	0.0	0.0	46,0,0
116	ok	211	0.09	0.0	0.0	43,0,0	202	0.11	0.0	0.0	43,0,0
		203	0.09	0.0	0.0	43,0,0	212	0.07	0.0	0.0	43,0,0
117	ok	212	0.08	0.0	0.0	43,0,0	203	0.10	0.0	0.0	43,0,0
		204	0.07	0.0	0.0	43,0,0	213	0.06	0.0	0.0	42,0,0
118	ok	213	0.07	0.0	0.0	42,0,0	204	0.08	0.0	0.0	43,0,0
		205	0.07	0.0	0.0	42,0,0	214	0.08	0.0	0.0	42,0,0
119	ok	214	0.09	0.0	0.0	42,0,0	205	0.08	0.0	0.0	42,0,0
		206	0.10	0.0	0.0	42,0,0	215	0.11	0.0	0.0	42,0,0
120	ok	215	0.12	0.0	0.0	45,0,0	206	0.11	0.0	0.0	45,0,0
		207	0.13	0.0	0.0	45,0,0	216	0.14	0.0	0.0	45,0,0
121	ok	218	0.20	0.0	0.0	46,0,0	209	0.22	0.0	0.0	46,0,0
		208	0.11	0.0	0.0	42,0,0	217	0.11	0.0	0.0	42,0,0
122	ok	217	0.13	0.0	0.0	42,0,0	208	0.14	0.0	0.0	46,0,0
		210	0.11	0.0	0.0	46,0,0	219	0.12	0.0	0.0	46,0,0
123	ok	219	0.13	0.0	0.0	46,0,0	210	0.12	0.0	0.0	46,0,0
		211	0.09	0.0	0.0	46,0,0	220	0.12	0.0	0.0	46,0,0
124	ok	220	0.10	0.0	0.0	46,0,0	211	0.09	0.0	0.0	43,0,0
		212	0.07	0.0	0.0	43,0,0	221	0.08	0.0	0.0	46,0,0
125	ok	221	0.08	0.0	0.0	42,0,0	212	0.07	0.0	0.0	43,0,0
		213	0.07	0.0	0.0	42,0,0	222	0.08	0.0	0.0	42,0,0
126	ok	222	0.09	0.0	0.0	42,0,0	213	0.08	0.0	0.0	42,0,0
		214	0.09	0.0	0.0	42,0,0	223	0.11	0.0	0.0	42,0,0
127	ok	223	0.11	0.0	0.0	42,0,0	214	0.10	0.0	0.0	42,0,0
		215	0.13	0.0	0.0	42,0,0	224	0.14	0.0	0.0	42,0,0
128	ok	224	0.15	0.0	0.0	45,0,0	215	0.14	0.0	0.0	45,0,0
		216	0.16	0.0	0.0	45,0,0	225	0.18	0.0	0.0	45,0,0
129	ok	227	0.10	0.0	0.0	41,0,0	218	0.11	0.0	0.0	41,0,0
		217	0.07	0.0	0.0	43,0,0	226	0.11	0.0	0.0	43,0,0
130	ok	226	0.12	0.0	0.0	43,0,0	217	0.10	0.0	0.0	43,0,0
		219	0.11	0.0	0.0	46,0,0	228	0.14	0.0	0.0	46,0,0
131	ok	228	0.15	0.0	0.0	46,0,0	219	0.12	0.0	0.0	46,0,0
		220	0.12	0.0	0.0	46,0,0	229	0.15	0.0	0.0	46,0,0
132	ok	229	0.14	0.0	0.0	46,0,0	220	0.10	0.0	0.0	46,0,0
		221	0.08	0.0	0.0	46,0,0	230	0.12	0.0	0.0	46,0,0
133	ok	230	0.10	0.0	0.0	46,0,0	221	0.08	0.0	0.0	42,0,0
		222	0.08	0.0	0.0	42,0,0	231	0.09	0.0	0.0	42,0,0
134	ok	231	0.10	0.0	0.0	46,0,0	222	0.10	0.0	0.0	42,0,0
		223	0.12	0.0	0.0	42,0,0	232	0.13	0.0	0.0	46,0,0
135	ok	232	0.14	0.0	0.0	42,0,0	223	0.13	0.0	0.0	42,0,0
		224	0.16	0.0	0.0	42,0,0	233	0.17	0.0	0.0	42,0,0
136	ok	233	0.20	0.0	0.0	45,0,0	224	0.17	0.0	0.0	45,0,0
		225	0.21	0.0	0.0	45,0,0	234	0.23	0.0	0.0	45,0,0
137	ok	236	0.21	0.0	0.0	47,0,0	227	0.15	0.0	0.0	43,0,0
		226	0.12	0.0	0.0	43,0,0	235	0.16	0.0	0.0	43,0,0
138	ok	235	0.18	0.0	0.0	47,0,0	226	0.14	0.0	0.0	43,0,0
		228	0.13	0.0	0.0	46,0,0	237	0.18	0.0	0.0	46,0,0
139	ok	237	0.19	0.0	0.0	46,0,0	228	0.14	0.0	0.0	46,0,0
		229	0.14	0.0	0.0	46,0,0	238	0.18	0.0	0.0	46,0,0
140	ok	238	0.17	0.0	0.0	46,0,0	229	0.14	0.0	0.0	46,0,0
		230	0.11	0.0	0.0	46,0,0	239	0.14	0.0	0.0	46,0,0
141	ok	239	0.12	0.0	0.0	46,0,0	230	0.10	0.0	0.0	46,0,0
		231	0.08	0.0	0.0	42,0,0	240	0.09	0.0	0.0	46,0,0
142	ok	240	0.11	0.0	0.0	46,0,0	231	0.11	0.0	0.0	46,0,0
		232	0.14	0.0	0.0	46,0,0	241	0.15	0.0	0.0	46,0,0
143	ok	241	0.18	0.0	0.0	42,0,0	232	0.16	0.0	0.0	42,0,0
		233	0.20	0.0	0.0	42,0,0	242	0.22	0.0	0.0	42,0,0
144	ok	242	0.25	0.0	0.0	42,0,0	233	0.22	0.0	0.0	42,0,0
		234	0.26	0.0	0.0	42,0,0	243	0.29	0.0	0.0	42,0,0
145	ok	245	0.52	0.0	0.0	47,0,0	236	0.35	0.0	0.0	47,0,0
		235	0.25	0.0	0.0	43,0,0	244	0.21	0.0	0.0	47,0,0
146	ok	244	0.36	0.0	0.0	45,0,0	235	0.14	0.0	0.0	46,0,0
		237	0.19	0.0	0.0	46,0,0	246	0.25	0.0	0.0	42,0,0
147	ok	246	0.22	0.0	0.0	46,0,0	237	0.19	0.0	0.0	46,0,0
		238	0.16	0.0	0.0	46,0,0	247	0.18	0.0	0.0	46,0,0
148	ok	247	0.18	0.0	0.0	46,0,0	238	0.16	0.0	0.0	46,0,0
		239	0.13	0.0	0.0	46,0,0	248	0.14	0.0	0.0	46,0,0
149	ok	248	0.14	0.0	0.0	46,0,0	239	0.12	0.0	0.0	46,0,0
		240	0.09	0.0	0.0	42,0,0	249	0.10	0.0	0.0	42,0,0

150	ok	249	0.14	0.0	0.0	46,0,0	240	0.13	0.0	0.0	46,0,0
		241	0.17	0.0	0.0	46,0,0	250	0.19	0.0	0.0	46,0,0
151	ok	250	0.23	0.0	0.0	42,0,0	241	0.21	0.0	0.0	42,0,0
		242	0.26	0.0	0.0	42,0,0	251	0.28	0.0	0.0	42,0,0
152	ok	251	0.31	0.0	0.0	42,0,0	242	0.29	0.0	0.0	42,0,0
		243	0.34	0.0	0.0	42,0,0	252	0.37	0.0	0.0	42,0,0
154	ok	253	0.40	0.0	0.0	42,0,0	244	0.35	0.0	0.0	42,0,0
		246	0.23	0.0	0.0	42,0,0	254	0.22	0.0	0.0	42,0,0
155	ok	254	0.22	0.0	0.0	46,0,0	246	0.23	0.0	0.0	46,0,0
		247	0.17	0.0	0.0	46,0,0	255	0.16	0.0	0.0	46,0,0
156	ok	255	0.16	0.0	0.0	46,0,0	247	0.17	0.0	0.0	46,0,0
		248	0.13	0.0	0.0	46,0,0	256	0.13	0.0	0.0	46,0,0
157	ok	256	0.12	0.0	0.0	46,0,0	248	0.13	0.0	0.0	46,0,0
		249	0.14	0.0	0.0	42,0,0	257	0.15	0.0	0.0	42,0,0
158	ok	257	0.20	0.0	0.0	46,0,0	249	0.18	0.0	0.0	46,0,0
		250	0.22	0.0	0.0	46,0,0	258	0.25	0.0	0.0	46,0,0
159	ok	258	0.30	0.0	0.0	42,0,0	250	0.27	0.0	0.0	42,0,0
		251	0.32	0.0	0.0	42,0,0	259	0.35	0.0	0.0	42,0,0
160	ok	259	0.41	0.0	0.0	42,0,0	251	0.38	0.0	0.0	42,0,0
		252	0.45	0.0	0.0	42,0,0	3	0.46	0.0	0.0	42,0,0
162	ok	261	0.14	0.0	0.0	48,0,0	260	0.43	0.0	0.0	48,0,0
		263	0.14	0.0	0.0	47,0,0	264	0.16	0.0	0.0	48,0,0
163	ok	264	0.13	0.0	0.0	45,0,0	263	0.16	0.0	0.0	48,0,0
		265	0.10	0.0	0.0	48,0,0	266	0.09	0.0	0.0	45,0,0
164	ok	266	0.10	0.0	0.0	45,0,0	265	0.10	0.0	0.0	45,0,0
		267	0.08	0.0	0.0	45,0,0	268	0.07	0.0	0.0	45,0,0
165	ok	268	0.10	0.0	0.0	45,0,0	267	0.10	0.0	0.0	45,0,0
		269	0.07	0.0	0.0	45,0,0	270	0.06	0.0	0.0	45,0,0
166	ok	270	0.08	0.0	0.0	45,0,0	269	0.09	0.0	0.0	45,0,0
		271	0.06	0.0	0.0	48,0,0	272	0.06	0.0	0.0	48,0,0
167	ok	272	0.07	0.0	0.0	48,0,0	271	0.07	0.0	0.0	45,0,0
		273	0.10	0.0	0.0	48,0,0	274	0.10	0.0	0.0	48,0,0
168	ok	274	0.11	0.0	0.0	48,0,0	273	0.11	0.0	0.0	48,0,0
		5	0.16	0.0	0.0	48,0,0	275	0.15	0.0	0.0	48,0,0
169	ok	277	0.46	0.0	0.0	48,0,0	262	0.57	0.0	0.0	48,0,0
		261	0.27	0.0	0.0	48,0,0	276	0.25	0.0	0.0	48,0,0
170	ok	276	0.17	0.0	0.0	48,0,0	261	0.24	0.0	0.0	48,0,0
		264	0.12	0.0	0.0	48,0,0	278	0.12	0.0	0.0	48,0,0
171	ok	278	0.10	0.0	0.0	45,0,0	264	0.12	0.0	0.0	48,0,0
		266	0.11	0.0	0.0	45,0,0	279	0.09	0.0	0.0	45,0,0
172	ok	279	0.11	0.0	0.0	45,0,0	266	0.11	0.0	0.0	45,0,0
		268	0.08	0.0	0.0	45,0,0	280	0.08	0.0	0.0	45,0,0
173	ok	280	0.10	0.0	0.0	45,0,0	268	0.11	0.0	0.0	45,0,0
		270	0.07	0.0	0.0	45,0,0	281	0.06	0.0	0.0	45,0,0
174	ok	281	0.08	0.0	0.0	45,0,0	270	0.09	0.0	0.0	45,0,0
		272	0.06	0.0	0.0	48,0,0	282	0.06	0.0	0.0	48,0,0
175	ok	282	0.07	0.0	0.0	48,0,0	272	0.07	0.0	0.0	48,0,0
		274	0.10	0.0	0.0	48,0,0	283	0.10	0.0	0.0	48,0,0
176	ok	283	0.11	0.0	0.0	48,0,0	274	0.11	0.0	0.0	48,0,0
		275	0.15	0.0	0.0	48,0,0	284	0.14	0.0	0.0	48,0,0
177	ok	286	0.34	0.0	0.0	48,0,0	277	0.40	0.0	0.0	48,0,0
		276	0.21	0.0	0.0	48,0,0	285	0.18	0.0	0.0	48,0,0
178	ok	285	0.16	0.0	0.0	48,0,0	276	0.19	0.0	0.0	48,0,0
		278	0.11	0.0	0.0	48,0,0	287	0.10	0.0	0.0	48,0,0
179	ok	287	0.09	0.0	0.0	45,0,0	278	0.11	0.0	0.0	45,0,0
		279	0.10	0.0	0.0	45,0,0	288	0.08	0.0	0.0	45,0,0
180	ok	288	0.10	0.0	0.0	45,0,0	279	0.11	0.0	0.0	45,0,0
		280	0.09	0.0	0.0	45,0,0	289	0.08	0.0	0.0	45,0,0
181	ok	289	0.09	0.0	0.0	45,0,0	280	0.10	0.0	0.0	45,0,0
		281	0.07	0.0	0.0	45,0,0	290	0.06	0.0	0.0	45,0,0
182	ok	290	0.07	0.0	0.0	45,0,0	281	0.08	0.0	0.0	45,0,0
		282	0.06	0.0	0.0	48,0,0	291	0.05	0.0	0.0	48,0,0
183	ok	291	0.07	0.0	0.0	48,0,0	282	0.07	0.0	0.0	48,0,0
		283	0.10	0.0	0.0	48,0,0	292	0.09	0.0	0.0	48,0,0
184	ok	292	0.11	0.0	0.0	48,0,0	283	0.11	0.0	0.0	48,0,0
		284	0.14	0.0	0.0	48,0,0	293	0.13	0.0	0.0	48,0,0
185	ok	295	0.25	0.0	0.0	48,0,0	286	0.27	0.0	0.0	48,0,0
		285	0.16	0.0	0.0	48,0,0	294	0.13	0.0	0.0	48,0,0
186	ok	294	0.13	0.0	0.0	48,0,0	285	0.15	0.0	0.0	48,0,0
		287	0.10	0.0	0.0	45,0,0	296	0.08	0.0	0.0	48,0,0
187	ok	296	0.08	0.0	0.0	45,0,0	287	0.09	0.0	0.0	45,0,0
		288	0.10	0.0	0.0	45,0,0	297	0.08	0.0	0.0	45,0,0
188	ok	297	0.09	0.0	0.0	45,0,0	288	0.10	0.0	0.0	45,0,0
		289	0.09	0.0	0.0	45,0,0	298	0.07	0.0	0.0	45,0,0
189	ok	298	0.08	0.0	0.0	45,0,0	289	0.09	0.0	0.0	45,0,0
		290	0.07	0.0	0.0	45,0,0	299	0.05	0.0	0.0	45,0,0

190	ok	299	0.06	0.0	0.0	45,0,0	290	0.08	0.0	0.0	45,0,0
		291	0.05	0.0	0.0	48,0,0	300	0.05	0.0	0.0	48,0,0
191	ok	300	0.07	0.0	0.0	48,0,0	291	0.07	0.0	0.0	48,0,0
		292	0.09	0.0	0.0	48,0,0	301	0.09	0.0	0.0	48,0,0
192	ok	301	0.10	0.0	0.0	48,0,0	292	0.10	0.0	0.0	48,0,0
		293	0.13	0.0	0.0	48,0,0	302	0.12	0.0	0.0	48,0,0
193	ok	304	0.18	0.0	0.0	48,0,0	295	0.20	0.0	0.0	48,0,0
		294	0.11	0.0	0.0	48,0,0	303	0.08	0.0	0.0	48,0,0
194	ok	303	0.09	0.0	0.0	48,0,0	294	0.11	0.0	0.0	48,0,0
		296	0.08	0.0	0.0	45,0,0	305	0.07	0.0	0.0	48,0,0
195	ok	305	0.08	0.0	0.0	45,0,0	296	0.08	0.0	0.0	45,0,0
		297	0.08	0.0	0.0	45,0,0	306	0.07	0.0	0.0	45,0,0
196	ok	306	0.08	0.0	0.0	45,0,0	297	0.09	0.0	0.0	45,0,0
		298	0.07	0.0	0.0	45,0,0	307	0.05	0.0	0.0	45,0,0
197	ok	307	0.06	0.0	0.0	45,0,0	298	0.08	0.0	0.0	45,0,0
		299	0.06	0.0	0.0	45,0,0	308	0.04	0.0	0.0	45,0,0
198	ok	308	0.05	0.0	0.0	45,0,0	299	0.06	0.0	0.0	45,0,0
		300	0.06	0.0	0.0	48,0,0	309	0.06	0.0	0.0	48,0,0
199	ok	309	0.07	0.0	0.0	48,0,0	300	0.07	0.0	0.0	48,0,0
		301	0.09	0.0	0.0	48,0,0	310	0.09	0.0	0.0	48,0,0
200	ok	310	0.10	0.0	0.0	48,0,0	301	0.10	0.0	0.0	48,0,0
		302	0.12	0.0	0.0	48,0,0	311	0.12	0.0	0.0	48,0,0
201	ok	313	0.13	0.0	0.0	48,0,0	304	0.14	0.0	0.0	48,0,0
		303	0.06	0.0	0.0	48,0,0	312	0.06	0.0	0.0	45,0,0
202	ok	312	0.07	0.0	0.0	45,0,0	303	0.07	0.0	0.0	48,0,0
		305	0.07	0.0	0.0	45,0,0	314	0.07	0.0	0.0	45,0,0
203	ok	314	0.08	0.0	0.0	45,0,0	305	0.08	0.0	0.0	45,0,0
		306	0.07	0.0	0.0	45,0,0	315	0.07	0.0	0.0	48,0,0
204	ok	315	0.07	0.0	0.0	45,0,0	306	0.08	0.0	0.0	45,0,0
		307	0.05	0.0	0.0	45,0,0	316	0.04	0.0	0.0	45,0,0
205	ok	316	0.05	0.0	0.0	45,0,0	307	0.06	0.0	0.0	45,0,0
		308	0.04	0.0	0.0	48,0,0	317	0.04	0.0	0.0	48,0,0
206	ok	317	0.05	0.0	0.0	48,0,0	308	0.05	0.0	0.0	48,0,0
		309	0.06	0.0	0.0	48,0,0	318	0.06	0.0	0.0	48,0,0
207	ok	318	0.07	0.0	0.0	48,0,0	309	0.07	0.0	0.0	48,0,0
		310	0.09	0.0	0.0	48,0,0	319	0.10	0.0	0.0	48,0,0
208	ok	319	0.11	0.0	0.0	48,0,0	310	0.11	0.0	0.0	48,0,0
		311	0.13	0.0	0.0	48,0,0	320	0.14	0.0	0.0	48,0,0
209	ok	322	0.10	0.0	0.0	43,0,0	313	0.09	0.0	0.0	48,0,0
		312	0.07	0.0	0.0	45,0,0	321	0.10	0.0	0.0	45,0,0
210	ok	321	0.10	0.0	0.0	45,0,0	312	0.07	0.0	0.0	45,0,0
		314	0.08	0.0	0.0	45,0,0	323	0.09	0.0	0.0	48,0,0
211	ok	323	0.09	0.0	0.0	48,0,0	314	0.08	0.0	0.0	45,0,0
		315	0.06	0.0	0.0	48,0,0	324	0.08	0.0	0.0	48,0,0
212	ok	324	0.07	0.0	0.0	48,0,0	315	0.06	0.0	0.0	45,0,0
		316	0.04	0.0	0.0	45,0,0	325	0.05	0.0	0.0	48,0,0
213	ok	325	0.05	0.0	0.0	45,0,0	316	0.05	0.0	0.0	45,0,0
		317	0.04	0.0	0.0	48,0,0	326	0.04	0.0	0.0	48,0,0
214	ok	326	0.05	0.0	0.0	48,0,0	317	0.05	0.0	0.0	48,0,0
		318	0.06	0.0	0.0	48,0,0	327	0.07	0.0	0.0	48,0,0
215	ok	327	0.08	0.0	0.0	48,0,0	318	0.08	0.0	0.0	48,0,0
		319	0.10	0.0	0.0	48,0,0	328	0.11	0.0	0.0	48,0,0
216	ok	328	0.13	0.0	0.0	48,0,0	319	0.12	0.0	0.0	48,0,0
		320	0.15	0.0	0.0	48,0,0	329	0.16	0.0	0.0	48,0,0
217	ok	331	0.18	0.0	0.0	35,0,0	322	0.10	0.0	0.0	35,0,0
		321	0.11	0.0	0.0	45,0,0	330	0.15	0.0	0.0	39,0,0
218	ok	330	0.15	0.0	0.0	59,0,0	321	0.10	0.0	0.0	45,0,0
		323	0.09	0.0	0.0	48,0,0	332	0.12	0.0	0.0	48,0,0
219	ok	332	0.12	0.0	0.0	48,0,0	323	0.09	0.0	0.0	48,0,0
		324	0.08	0.0	0.0	48,0,0	333	0.10	0.0	0.0	48,0,0
220	ok	333	0.09	0.0	0.0	48,0,0	324	0.07	0.0	0.0	48,0,0
		325	0.05	0.0	0.0	48,0,0	334	0.06	0.0	0.0	48,0,0
221	ok	334	0.05	0.0	0.0	45,0,0	325	0.05	0.0	0.0	45,0,0
		326	0.03	0.0	0.0	48,0,0	335	0.03	0.0	0.0	45,0,0
222	ok	335	0.05	0.0	0.0	48,0,0	326	0.05	0.0	0.0	48,0,0
		327	0.07	0.0	0.0	48,0,0	336	0.07	0.0	0.0	48,0,0
223	ok	336	0.09	0.0	0.0	48,0,0	327	0.09	0.0	0.0	48,0,0
		328	0.12	0.0	0.0	48,0,0	337	0.12	0.0	0.0	48,0,0
224	ok	337	0.15	0.0	0.0	48,0,0	328	0.14	0.0	0.0	48,0,0
		329	0.17	0.0	0.0	48,0,0	338	0.18	0.0	0.0	48,0,0
225	ok	340	0.42	0.0	0.0	41,0,0	331	0.21	0.0	0.0	45,0,0
		330	0.23	0.0	0.0	35,0,0	339	0.18	0.0	0.0	39,0,0
226	ok	339	0.30	0.0	0.0	48,0,0	330	0.13	0.0	0.0	35,0,0
		332	0.14	0.0	0.0	48,0,0	341	0.18	0.0	0.0	48,0,0
227	ok	341	0.14	0.0	0.0	48,0,0	332	0.13	0.0	0.0	48,0,0
		333	0.10	0.0	0.0	48,0,0	342	0.10	0.0	0.0	48,0,0
228	ok	342	0.09	0.0	0.0	48,0,0	333	0.08	0.0	0.0	48,0,0

		334	0.05	0.0	0.0	48,0,0	343	0.06	0.0	0.0	48,0,0
229	ok	343	0.06	0.0	0.0	44,0,0	334	0.05	0.0	0.0	45,0,0
		335	0.03	0.0	0.0	45,0,0	344	0.04	0.0	0.0	45,0,0
230	ok	344	0.05	0.0	0.0	48,0,0	335	0.05	0.0	0.0	48,0,0
		336	0.08	0.0	0.0	48,0,0	345	0.09	0.0	0.0	48,0,0
231	ok	345	0.11	0.0	0.0	48,0,0	336	0.11	0.0	0.0	48,0,0
		337	0.14	0.0	0.0	48,0,0	346	0.15	0.0	0.0	48,0,0
232	ok	346	0.17	0.0	0.0	48,0,0	337	0.17	0.0	0.0	48,0,0
		338	0.20	0.0	0.0	48,0,0	347	0.21	0.0	0.0	48,0,0
234	ok	348	0.27	0.0	0.0	48,0,0	339	0.27	0.0	0.0	48,0,0
		341	0.15	0.0	0.0	48,0,0	349	0.14	0.0	0.0	50,0,0
235	ok	349	0.12	0.0	0.0	48,0,0	341	0.14	0.0	0.0	48,0,0
		342	0.09	0.0	0.0	48,0,0	350	0.08	0.0	0.0	48,0,0
236	ok	350	0.07	0.0	0.0	45,0,0	342	0.09	0.0	0.0	48,0,0
		343	0.06	0.0	0.0	48,0,0	351	0.05	0.0	0.0	48,0,0
237	ok	351	0.06	0.0	0.0	45,0,0	343	0.06	0.0	0.0	45,0,0
		344	0.04	0.0	0.0	48,0,0	352	0.05	0.0	0.0	48,0,0
238	ok	352	0.08	0.0	0.0	48,0,0	344	0.07	0.0	0.0	48,0,0
		345	0.10	0.0	0.0	48,0,0	353	0.11	0.0	0.0	48,0,0
239	ok	353	0.15	0.0	0.0	48,0,0	345	0.13	0.0	0.0	48,0,0
		346	0.16	0.0	0.0	48,0,0	354	0.18	0.0	0.0	48,0,0
240	ok	354	0.22	0.0	0.0	48,0,0	346	0.20	0.0	0.0	48,0,0
		347	0.25	0.0	0.0	48,0,0	1	0.24	0.0	0.0	48,0,0
241	ok	358	0.23	0.0	0.0	64,0,0	355	0.33	0.0	0.0	47,0,0
		356	0.08	0.0	0.0	39,0,0	357	0.14	0.0	0.0	62,0,0
242	ok	357	0.12	0.0	0.0	38,0,0	356	0.11	0.0	0.0	58,0,0
		359	0.08	0.0	0.0	58,0,0	360	0.09	0.0	0.0	58,0,0
243	ok	360	0.11	0.0	0.0	38,0,0	359	0.09	0.0	0.0	58,0,0
		361	0.08	0.0	0.0	58,0,0	362	0.08	0.0	0.0	38,0,0
244	ok	362	0.10	0.0	0.0	38,0,0	361	0.11	0.0	0.0	38,0,0
		363	0.09	0.0	0.0	38,0,0	364	0.08	0.0	0.0	38,0,0
245	ok	364	0.10	0.0	0.0	38,0,0	363	0.11	0.0	0.0	38,0,0
		365	0.08	0.0	0.0	38,0,0	366	0.07	0.0	0.0	38,0,0
246	ok	366	0.09	0.0	0.0	38,0,0	365	0.11	0.0	0.0	38,0,0
		367	0.08	0.0	0.0	38,0,0	368	0.07	0.0	0.0	38,0,0
247	ok	368	0.08	0.0	0.0	38,0,0	367	0.10	0.0	0.0	38,0,0
		369	0.11	0.0	0.0	38,0,0	370	0.10	0.0	0.0	38,0,0
248	ok	370	0.10	0.0	0.0	38,0,0	369	0.13	0.0	0.0	38,0,0
		11	0.12	0.0	0.0	38,0,0	371	0.15	0.0	0.0	38,0,0
249	ok	373	0.12	0.0	0.0	47,0,0	358	0.21	0.0	0.0	47,0,0
		357	0.14	0.0	0.0	58,0,0	372	0.12	0.0	0.0	38,0,0
250	ok	372	0.11	0.0	0.0	38,0,0	357	0.13	0.0	0.0	38,0,0
		360	0.10	0.0	0.0	38,0,0	374	0.10	0.0	0.0	38,0,0
251	ok	374	0.11	0.0	0.0	38,0,0	360	0.12	0.0	0.0	38,0,0
		362	0.09	0.0	0.0	38,0,0	375	0.08	0.0	0.0	38,0,0
252	ok	375	0.10	0.0	0.0	38,0,0	362	0.11	0.0	0.0	38,0,0
		364	0.09	0.0	0.0	38,0,0	376	0.06	0.0	0.0	38,0,0
253	ok	376	0.08	0.0	0.0	38,0,0	364	0.10	0.0	0.0	38,0,0
		366	0.07	0.0	0.0	38,0,0	377	0.05	0.0	0.0	38,0,0
254	ok	377	0.07	0.0	0.0	38,0,0	366	0.09	0.0	0.0	38,0,0
		368	0.06	0.0	0.0	38,0,0	378	0.05	0.0	0.0	39,0,0
255	ok	378	0.05	0.0	0.0	38,0,0	368	0.08	0.0	0.0	38,0,0
		370	0.07	0.0	0.0	38,0,0	379	0.06	0.0	0.0	39,0,0
256	ok	379	0.07	0.0	0.0	39,0,0	370	0.07	0.0	0.0	39,0,0
		371	0.09	0.0	0.0	58,0,0	380	0.08	0.0	0.0	39,0,0
257	ok	382	0.08	0.0	0.0	38,0,0	373	0.12	0.0	0.0	47,0,0
		372	0.12	0.0	0.0	38,0,0	381	0.09	0.0	0.0	38,0,0
258	ok	381	0.09	0.0	0.0	38,0,0	372	0.12	0.0	0.0	38,0,0
		374	0.11	0.0	0.0	38,0,0	383	0.09	0.0	0.0	38,0,0
259	ok	383	0.09	0.0	0.0	38,0,0	374	0.12	0.0	0.0	38,0,0
		375	0.09	0.0	0.0	38,0,0	384	0.06	0.0	0.0	38,0,0
260	ok	384	0.08	0.0	0.0	38,0,0	375	0.11	0.0	0.0	38,0,0
		376	0.08	0.0	0.0	38,0,0	385	0.05	0.0	0.0	38,0,0
261	ok	385	0.06	0.0	0.0	38,0,0	376	0.09	0.0	0.0	38,0,0
		377	0.06	0.0	0.0	38,0,0	386	0.04	0.0	0.0	39,0,0
262	ok	386	0.05	0.0	0.0	38,0,0	377	0.07	0.0	0.0	38,0,0
		378	0.05	0.0	0.0	39,0,0	387	0.05	0.0	0.0	39,0,0
263	ok	387	0.05	0.0	0.0	39,0,0	378	0.05	0.0	0.0	39,0,0
		379	0.06	0.0	0.0	39,0,0	388	0.06	0.0	0.0	39,0,0
264	ok	388	0.06	0.0	0.0	39,0,0	379	0.07	0.0	0.0	39,0,0
		380	0.08	0.0	0.0	39,0,0	389	0.08	0.0	0.0	39,0,0
265	ok	391	0.09	0.0	0.0	38,0,0	382	0.09	0.0	0.0	38,0,0
		381	0.09	0.0	0.0	38,0,0	390	0.07	0.0	0.0	38,0,0
266	ok	390	0.08	0.0	0.0	38,0,0	381	0.10	0.0	0.0	38,0,0
		383	0.09	0.0	0.0	38,0,0	392	0.06	0.0	0.0	38,0,0
267	ok	392	0.07	0.0	0.0	38,0,0	383	0.10	0.0	0.0	38,0,0
		384	0.07	0.0	0.0	38,0,0	393	0.04	0.0	0.0	38,0,0

268	ok	393	0.06	0.0	0.0	38,0,0	384	0.09	0.0	0.0	38,0,0
		385	0.06	0.0	0.0	38,0,0	394	0.03	0.0	0.0	39,0,0
269	ok	394	0.03	0.0	0.0	38,0,0	385	0.07	0.0	0.0	38,0,0
		386	0.04	0.0	0.0	39,0,0	395	0.04	0.0	0.0	39,0,0
270	ok	395	0.05	0.0	0.0	39,0,0	386	0.05	0.0	0.0	38,0,0
		387	0.06	0.0	0.0	39,0,0	396	0.06	0.0	0.0	39,0,0
271	ok	396	0.06	0.0	0.0	39,0,0	387	0.06	0.0	0.0	39,0,0
		388	0.07	0.0	0.0	39,0,0	397	0.06	0.0	0.0	39,0,0
272	ok	397	0.06	0.0	0.0	39,0,0	388	0.06	0.0	0.0	39,0,0
		389	0.08	0.0	0.0	39,0,0	398	0.07	0.0	0.0	39,0,0
273	ok	400	0.10	0.0	0.0	38,0,0	391	0.11	0.0	0.0	38,0,0
		390	0.08	0.0	0.0	38,0,0	399	0.06	0.0	0.0	38,0,0
274	ok	399	0.06	0.0	0.0	38,0,0	390	0.08	0.0	0.0	38,0,0
		392	0.07	0.0	0.0	38,0,0	401	0.03	0.0	0.0	38,0,0
275	ok	401	0.04	0.0	0.0	38,0,0	392	0.07	0.0	0.0	38,0,0
		393	0.04	0.0	0.0	38,0,0	402	0.03	0.0	0.0	39,0,0
276	ok	402	0.03	0.0	0.0	38,0,0	393	0.05	0.0	0.0	38,0,0
		394	0.03	0.0	0.0	38,0,0	403	0.03	0.0	0.0	39,0,0
277	ok	403	0.03	0.0	0.0	39,0,0	394	0.03	0.0	0.0	38,0,0
		395	0.05	0.0	0.0	39,0,0	404	0.05	0.0	0.0	39,0,0
278	ok	404	0.05	0.0	0.0	39,0,0	395	0.05	0.0	0.0	39,0,0
		396	0.06	0.0	0.0	39,0,0	405	0.06	0.0	0.0	39,0,0
279	ok	405	0.06	0.0	0.0	39,0,0	396	0.06	0.0	0.0	39,0,0
		397	0.07	0.0	0.0	39,0,0	406	0.06	0.0	0.0	39,0,0
280	ok	406	0.06	0.0	0.0	39,0,0	397	0.06	0.0	0.0	39,0,0
		398	0.08	0.0	0.0	39,0,0	407	0.07	0.0	0.0	39,0,0
281	ok	409	0.09	0.0	0.0	38,0,0	400	0.12	0.0	0.0	38,0,0
		399	0.06	0.0	0.0	38,0,0	408	0.04	0.0	0.0	39,0,0
282	ok	408	0.04	0.0	0.0	38,0,0	399	0.07	0.0	0.0	38,0,0
		401	0.04	0.0	0.0	38,0,0	410	0.03	0.0	0.0	39,0,0
283	ok	410	0.03	0.0	0.0	39,0,0	401	0.04	0.0	0.0	38,0,0
		402	0.03	0.0	0.0	39,0,0	411	0.03	0.0	0.0	39,0,0
284	ok	411	0.03	0.0	0.0	46,0,0	402	0.03	0.0	0.0	38,0,0
		403	0.03	0.0	0.0	39,0,0	412	0.04	0.0	0.0	39,0,0
285	ok	412	0.04	0.0	0.0	39,0,0	403	0.03	0.0	0.0	39,0,0
		404	0.05	0.0	0.0	39,0,0	413	0.05	0.0	0.0	39,0,0
286	ok	413	0.05	0.0	0.0	39,0,0	404	0.05	0.0	0.0	39,0,0
		405	0.06	0.0	0.0	39,0,0	414	0.06	0.0	0.0	39,0,0
287	ok	414	0.06	0.0	0.0	39,0,0	405	0.06	0.0	0.0	39,0,0
		406	0.06	0.0	0.0	39,0,0	415	0.06	0.0	0.0	39,0,0
288	ok	415	0.06	0.0	0.0	39,0,0	406	0.06	0.0	0.0	39,0,0
		407	0.08	0.0	0.0	39,0,0	416	0.07	0.0	0.0	39,0,0
289	ok	418	0.06	0.0	0.0	38,0,0	409	0.11	0.0	0.0	38,0,0
		408	0.04	0.0	0.0	39,0,0	417	0.04	0.0	0.0	39,0,0
290	ok	417	0.04	0.0	0.0	39,0,0	408	0.04	0.0	0.0	38,0,0
		410	0.04	0.0	0.0	39,0,0	419	0.04	0.0	0.0	39,0,0
291	ok	419	0.04	0.0	0.0	39,0,0	410	0.03	0.0	0.0	47,0,0
		411	0.03	0.0	0.0	39,0,0	420	0.04	0.0	0.0	47,0,0
292	ok	420	0.04	0.0	0.0	38,0,0	411	0.03	0.0	0.0	38,0,0
		412	0.03	0.0	0.0	39,0,0	421	0.03	0.0	0.0	38,0,0
293	ok	421	0.04	0.0	0.0	38,0,0	412	0.03	0.0	0.0	39,0,0
		413	0.05	0.0	0.0	39,0,0	422	0.05	0.0	0.0	39,0,0
294	ok	422	0.05	0.0	0.0	39,0,0	413	0.05	0.0	0.0	39,0,0
		414	0.06	0.0	0.0	39,0,0	423	0.06	0.0	0.0	39,0,0
295	ok	423	0.06	0.0	0.0	39,0,0	414	0.06	0.0	0.0	39,0,0
		415	0.06	0.0	0.0	39,0,0	424	0.06	0.0	0.0	39,0,0
296	ok	424	0.06	0.0	0.0	39,0,0	415	0.06	0.0	0.0	39,0,0
		416	0.07	0.0	0.0	39,0,0	425	0.07	0.0	0.0	39,0,0
297	ok	427	0.05	0.0	0.0	39,0,0	418	0.09	0.0	0.0	38,0,0
		417	0.04	0.0	0.0	39,0,0	426	0.06	0.0	0.0	39,0,0
298	ok	426	0.07	0.0	0.0	39,0,0	417	0.04	0.0	0.0	39,0,0
		419	0.05	0.0	0.0	35,0,0	428	0.06	0.0	0.0	39,0,0
299	ok	428	0.06	0.0	0.0	35,0,0	419	0.04	0.0	0.0	39,0,0
		420	0.04	0.0	0.0	43,0,0	429	0.05	0.0	0.0	35,0,0
300	ok	429	0.05	0.0	0.0	38,0,0	420	0.04	0.0	0.0	38,0,0
		421	0.03	0.0	0.0	38,0,0	430	0.04	0.0	0.0	38,0,0
301	ok	430	0.05	0.0	0.0	38,0,0	421	0.04	0.0	0.0	38,0,0
		422	0.04	0.0	0.0	39,0,0	431	0.04	0.0	0.0	39,0,0
302	ok	431	0.05	0.0	0.0	39,0,0	422	0.04	0.0	0.0	39,0,0
		423	0.05	0.0	0.0	39,0,0	432	0.05	0.0	0.0	39,0,0
303	ok	432	0.06	0.0	0.0	39,0,0	423	0.06	0.0	0.0	39,0,0
		424	0.06	0.0	0.0	39,0,0	433	0.06	0.0	0.0	39,0,0
304	ok	433	0.07	0.0	0.0	39,0,0	424	0.06	0.0	0.0	39,0,0
		425	0.08	0.0	0.0	39,0,0	434	0.08	0.0	0.0	39,0,0
305	ok	436	0.21	0.0	0.0	38,0,0	427	0.16	0.0	0.0	38,0,0
		426	0.10	0.0	0.0	39,0,0	435	0.08	0.0	0.0	39,0,0
306	ok	435	0.12	0.0	0.0	39,0,0	426	0.06	0.0	0.0	39,0,0

		428	0.07	0.0	0.0	35,0,0	437	0.08	0.0	0.0	39,0,0
307	ok	437	0.07	0.0	0.0	60,0,0	428	0.05	0.0	0.0	40,0,0
		429	0.05	0.0	0.0	40,0,0	438	0.05	0.0	0.0	62,0,0
308	ok	438	0.06	0.0	0.0	38,0,0	429	0.05	0.0	0.0	38,0,0
		430	0.04	0.0	0.0	38,0,0	439	0.05	0.0	0.0	38,0,0
309	ok	439	0.05	0.0	0.0	38,0,0	430	0.05	0.0	0.0	38,0,0
		431	0.04	0.0	0.0	38,0,0	440	0.04	0.0	0.0	38,0,0
310	ok	440	0.05	0.0	0.0	38,0,0	431	0.05	0.0	0.0	38,0,0
		432	0.04	0.0	0.0	64,0,0	441	0.04	0.0	0.0	64,0,0
311	ok	441	0.05	0.0	0.0	39,0,0	432	0.05	0.0	0.0	39,0,0
		433	0.05	0.0	0.0	39,0,0	442	0.06	0.0	0.0	39,0,0
312	ok	442	0.07	0.0	0.0	39,0,0	433	0.06	0.0	0.0	39,0,0
		434	0.09	0.0	0.0	39,0,0	443	0.08	0.0	0.0	39,0,0
314	ok	444	0.21	0.0	0.0	35,0,0	435	0.09	0.0	0.0	39,0,0
		437	0.10	0.0	0.0	35,0,0	445	0.42	0.0	0.0	38,0,0
315	ok	445	0.08	0.0	0.0	58,0,0	437	0.08	0.0	0.0	58,0,0
		438	0.05	0.0	0.0	58,0,0	446	0.06	0.0	0.0	58,0,0
316	ok	446	0.07	0.0	0.0	38,0,0	438	0.06	0.0	0.0	38,0,0
		439	0.05	0.0	0.0	38,0,0	447	0.05	0.0	0.0	38,0,0
317	ok	447	0.06	0.0	0.0	38,0,0	439	0.06	0.0	0.0	38,0,0
		440	0.04	0.0	0.0	38,0,0	448	0.05	0.0	0.0	38,0,0
318	ok	448	0.05	0.0	0.0	38,0,0	440	0.05	0.0	0.0	38,0,0
		441	0.04	0.0	0.0	58,0,0	449	0.04	0.0	0.0	58,0,0
319	ok	449	0.05	0.0	0.0	38,0,0	441	0.05	0.0	0.0	38,0,0
		442	0.06	0.0	0.0	39,0,0	450	0.06	0.0	0.0	39,0,0
320	ok	450	0.11	0.0	0.0	39,0,0	442	0.07	0.0	0.0	39,0,0
		443	0.12	0.0	0.0	39,0,0	29	0.09	0.0	0.0	39,0,0
321	ok	453	0.48	0.0	0.0	58,0,0	451	0.98	0.0	0.0	35,0,0
		355	0.37	0.0	0.0	39,0,0	358	0.27	0.0	0.0	64,0,0
322	ok	454	0.18	0.0	0.0	63,0,0	453	0.24	0.0	0.0	47,0,0
		358	0.27	0.0	0.0	47,0,0	373	0.10	0.0	0.0	47,0,0
323	ok	455	0.09	0.0	0.0	63,0,0	454	0.14	0.0	0.0	47,0,0
		373	0.12	0.0	0.0	47,0,0	382	0.06	0.0	0.0	38,0,0
324	ok	456	0.10	0.0	0.0	34,0,0	455	0.09	0.0	0.0	34,0,0
		382	0.08	0.0	0.0	38,0,0	391	0.08	0.0	0.0	38,0,0
325	ok	457	0.15	0.0	0.0	38,0,0	456	0.13	0.0	0.0	38,0,0
		391	0.10	0.0	0.0	38,0,0	400	0.09	0.0	0.0	38,0,0
326	ok	458	0.18	0.0	0.0	38,0,0	457	0.16	0.0	0.0	38,0,0
		400	0.11	0.0	0.0	38,0,0	409	0.09	0.0	0.0	38,0,0
327	ok	459	0.19	0.0	0.0	38,0,0	458	0.19	0.0	0.0	38,0,0
		409	0.11	0.0	0.0	38,0,0	418	0.07	0.0	0.0	38,0,0
328	ok	460	0.20	0.0	0.0	38,0,0	459	0.21	0.0	0.0	38,0,0
		418	0.07	0.0	0.0	38,0,0	427	0.06	0.0	0.0	38,0,0
329	ok	461	0.46	0.0	0.0	38,0,0	460	0.34	0.0	0.0	38,0,0
		427	0.11	0.0	0.0	38,0,0	436	0.56	0.0	0.0	34,0,0
332	ok	463	0.42	0.0	0.0	61,0,0	462	0.61	0.0	0.0	57,0,0
		453	0.19	0.0	0.0	61,0,0	454	0.31	0.0	0.0	63,0,0
333	ok	464	0.10	0.0	0.0	63,0,0	463	0.13	0.0	0.0	63,0,0
		454	0.11	0.0	0.0	47,0,0	455	0.11	0.0	0.0	63,0,0
334	ok	465	0.14	0.0	0.0	37,0,0	464	0.11	0.0	0.0	37,0,0
		455	0.09	0.0	0.0	38,0,0	456	0.10	0.0	0.0	46,0,0
335	ok	466	0.21	0.0	0.0	38,0,0	465	0.16	0.0	0.0	38,0,0
		456	0.12	0.0	0.0	38,0,0	457	0.14	0.0	0.0	38,0,0
336	ok	467	0.30	0.0	0.0	38,0,0	466	0.23	0.0	0.0	38,0,0
		457	0.16	0.0	0.0	38,0,0	458	0.18	0.0	0.0	38,0,0
337	ok	468	0.39	0.0	0.0	38,0,0	467	0.31	0.0	0.0	38,0,0
		458	0.19	0.0	0.0	38,0,0	459	0.20	0.0	0.0	38,0,0
338	ok	469	0.40	0.0	0.0	38,0,0	468	0.40	0.0	0.0	58,0,0
		459	0.19	0.0	0.0	38,0,0	460	0.25	0.0	0.0	38,0,0
339	ok	470	0.27	0.0	0.0	35,0,0	469	0.62	0.0	0.0	64,0,0
		460	0.27	0.0	0.0	38,0,0	461	0.63	0.0	0.0	38,0,0
341	ok	493	0.08	0.0	0.0	39,0,0	494	0.08	0.0	0.0	39,0,0
		21	0.11	0.0	0.0	39,0,0	492	0.10	0.0	0.0	39,0,0
342	ok	496	0.07	0.0	0.0	39,0,0	493	0.08	0.0	0.0	39,0,0
		492	0.09	0.0	0.0	39,0,0	495	0.08	0.0	0.0	39,0,0
343	ok	498	0.06	0.0	0.0	39,0,0	496	0.07	0.0	0.0	39,0,0
		495	0.08	0.0	0.0	39,0,0	497	0.07	0.0	0.0	39,0,0
344	ok	500	0.06	0.0	0.0	39,0,0	498	0.06	0.0	0.0	39,0,0
		497	0.07	0.0	0.0	39,0,0	499	0.07	0.0	0.0	39,0,0
345	ok	502	0.07	0.0	0.0	39,0,0	500	0.06	0.0	0.0	39,0,0
		499	0.07	0.0	0.0	39,0,0	501	0.07	0.0	0.0	39,0,0
346	ok	504	0.09	0.0	0.0	39,0,0	502	0.07	0.0	0.0	39,0,0
		501	0.08	0.0	0.0	39,0,0	503	0.11	0.0	0.0	39,0,0
347	ok	506	0.14	0.0	0.0	39,0,0	504	0.11	0.0	0.0	39,0,0
		503	0.13	0.0	0.0	39,0,0	505	0.18	0.0	0.0	39,0,0
348	ok	507	0.21	0.0	0.0	39,0,0	506	0.19	0.0	0.0	39,0,0
		505	0.24	0.0	0.0	39,0,0	39	0.24	0.0	0.0	39,0,0

349	ok	508	0.07	0.0	0.0	39,0,0	509	0.07	0.0	0.0	39,0,0
		494	0.08	0.0	0.0	39,0,0	493	0.08	0.0	0.0	39,0,0
350	ok	510	0.06	0.0	0.0	39,0,0	508	0.06	0.0	0.0	39,0,0
		493	0.07	0.0	0.0	39,0,0	496	0.07	0.0	0.0	39,0,0
351	ok	511	0.05	0.0	0.0	39,0,0	510	0.05	0.0	0.0	39,0,0
		496	0.06	0.0	0.0	39,0,0	498	0.06	0.0	0.0	39,0,0
352	ok	512	0.05	0.0	0.0	39,0,0	511	0.05	0.0	0.0	39,0,0
		498	0.06	0.0	0.0	39,0,0	500	0.05	0.0	0.0	39,0,0
353	ok	513	0.05	0.0	0.0	39,0,0	512	0.04	0.0	0.0	39,0,0
		500	0.05	0.0	0.0	39,0,0	502	0.06	0.0	0.0	39,0,0
354	ok	514	0.06	0.0	0.0	39,0,0	513	0.05	0.0	0.0	39,0,0
		502	0.06	0.0	0.0	39,0,0	504	0.08	0.0	0.0	39,0,0
355	ok	515	0.10	0.0	0.0	39,0,0	514	0.08	0.0	0.0	39,0,0
		504	0.10	0.0	0.0	39,0,0	506	0.13	0.0	0.0	39,0,0
356	ok	516	0.16	0.0	0.0	39,0,0	515	0.14	0.0	0.0	39,0,0
		506	0.17	0.0	0.0	39,0,0	507	0.19	0.0	0.0	39,0,0
357	ok	517	0.05	0.0	0.0	39,0,0	518	0.05	0.0	0.0	39,0,0
		509	0.06	0.0	0.0	39,0,0	508	0.06	0.0	0.0	39,0,0
358	ok	519	0.04	0.0	0.0	39,0,0	517	0.06	0.0	0.0	38,0,0
		508	0.06	0.0	0.0	39,0,0	510	0.05	0.0	0.0	39,0,0
359	ok	520	0.04	0.0	0.0	39,0,0	519	0.05	0.0	0.0	38,0,0
		510	0.05	0.0	0.0	39,0,0	511	0.04	0.0	0.0	39,0,0
360	ok	521	0.03	0.0	0.0	39,0,0	520	0.04	0.0	0.0	38,0,0
		511	0.04	0.0	0.0	39,0,0	512	0.04	0.0	0.0	39,0,0
361	ok	522	0.03	0.0	0.0	36,0,0	521	0.03	0.0	0.0	36,0,0
		512	0.04	0.0	0.0	39,0,0	513	0.04	0.0	0.0	36,0,0
362	ok	523	0.04	0.0	0.0	39,0,0	522	0.03	0.0	0.0	36,0,0
		513	0.04	0.0	0.0	39,0,0	514	0.05	0.0	0.0	39,0,0
363	ok	524	0.06	0.0	0.0	39,0,0	523	0.05	0.0	0.0	39,0,0
		514	0.07	0.0	0.0	39,0,0	515	0.09	0.0	0.0	39,0,0
364	ok	525	0.11	0.0	0.0	39,0,0	524	0.10	0.0	0.0	39,0,0
		515	0.12	0.0	0.0	39,0,0	516	0.14	0.0	0.0	39,0,0
365	ok	526	0.04	0.0	0.0	38,0,0	527	0.04	0.0	0.0	39,0,0
		518	0.05	0.0	0.0	39,0,0	517	0.05	0.0	0.0	39,0,0
366	ok	528	0.05	0.0	0.0	38,0,0	526	0.06	0.0	0.0	38,0,0
		517	0.05	0.0	0.0	38,0,0	519	0.04	0.0	0.0	39,0,0
367	ok	529	0.04	0.0	0.0	38,0,0	528	0.06	0.0	0.0	38,0,0
		519	0.05	0.0	0.0	38,0,0	520	0.03	0.0	0.0	39,0,0
368	ok	530	0.03	0.0	0.0	38,0,0	529	0.05	0.0	0.0	38,0,0
		520	0.03	0.0	0.0	38,0,0	521	0.03	0.0	0.0	39,0,0
369	ok	531	0.03	0.0	0.0	38,0,0	530	0.03	0.0	0.0	38,0,0
		521	0.02	0.0	0.0	39,0,0	522	0.03	0.0	0.0	36,0,0
370	ok	532	0.03	0.0	0.0	38,0,0	531	0.03	0.0	0.0	38,0,0
		522	0.03	0.0	0.0	36,0,0	523	0.04	0.0	0.0	36,0,0
371	ok	533	0.06	0.0	0.0	39,0,0	532	0.04	0.0	0.0	38,0,0
		523	0.04	0.0	0.0	40,0,0	524	0.05	0.0	0.0	40,0,0
372	ok	534	0.07	0.0	0.0	39,0,0	533	0.06	0.0	0.0	39,0,0
		524	0.08	0.0	0.0	39,0,0	525	0.09	0.0	0.0	39,0,0
373	ok	535	0.05	0.0	0.0	38,0,0	536	0.05	0.0	0.0	35,0,0
		527	0.04	0.0	0.0	35,0,0	526	0.04	0.0	0.0	39,0,0
374	ok	537	0.06	0.0	0.0	38,0,0	535	0.07	0.0	0.0	38,0,0
		526	0.06	0.0	0.0	38,0,0	528	0.04	0.0	0.0	38,0,0
375	ok	538	0.05	0.0	0.0	38,0,0	537	0.07	0.0	0.0	38,0,0
		528	0.06	0.0	0.0	38,0,0	529	0.03	0.0	0.0	38,0,0
376	ok	539	0.03	0.0	0.0	38,0,0	538	0.05	0.0	0.0	38,0,0
		529	0.04	0.0	0.0	38,0,0	530	0.02	0.0	0.0	38,0,0
377	ok	540	0.03	0.0	0.0	37,0,0	539	0.03	0.0	0.0	38,0,0
		530	0.02	0.0	0.0	38,0,0	531	0.02	0.0	0.0	38,0,0
378	ok	541	0.06	0.0	0.0	39,0,0	540	0.03	0.0	0.0	38,0,0
		531	0.03	0.0	0.0	38,0,0	532	0.04	0.0	0.0	39,0,0
379	ok	542	0.09	0.0	0.0	39,0,0	541	0.05	0.0	0.0	39,0,0
		532	0.03	0.0	0.0	38,0,0	533	0.06	0.0	0.0	39,0,0
380	ok	543	0.09	0.0	0.0	39,0,0	542	0.08	0.0	0.0	39,0,0
		533	0.05	0.0	0.0	39,0,0	534	0.07	0.0	0.0	39,0,0
381	ok	544	0.06	0.0	0.0	35,0,0	545	0.08	0.0	0.0	35,0,0
		536	0.06	0.0	0.0	35,0,0	535	0.05	0.0	0.0	35,0,0
382	ok	546	0.06	0.0	0.0	38,0,0	544	0.07	0.0	0.0	38,0,0
		535	0.06	0.0	0.0	38,0,0	537	0.04	0.0	0.0	38,0,0
383	ok	547	0.05	0.0	0.0	38,0,0	546	0.07	0.0	0.0	38,0,0
		537	0.06	0.0	0.0	38,0,0	538	0.03	0.0	0.0	38,0,0
384	ok	548	0.03	0.0	0.0	39,0,0	547	0.05	0.0	0.0	38,0,0
		538	0.04	0.0	0.0	38,0,0	539	0.02	0.0	0.0	39,0,0
385	ok	549	0.05	0.0	0.0	39,0,0	548	0.03	0.0	0.0	39,0,0
		539	0.02	0.0	0.0	35,0,0	540	0.03	0.0	0.0	39,0,0
386	ok	550	0.08	0.0	0.0	39,0,0	549	0.05	0.0	0.0	39,0,0
		540	0.04	0.0	0.0	39,0,0	541	0.07	0.0	0.0	39,0,0
387	ok	551	0.11	0.0	0.0	39,0,0	550	0.09	0.0	0.0	39,0,0

		541	0.07	0.0	0.0	39,0,0	542	0.09	0.0	0.0	39,0,0
388	ok	552	0.12	0.0	0.0	39,0,0	551	0.10	0.0	0.0	39,0,0
		542	0.08	0.0	0.0	39,0,0	543	0.09	0.0	0.0	39,0,0
389	ok	553	0.09	0.0	0.0	38,0,0	554	0.10	0.0	0.0	39,0,0
		545	0.08	0.0	0.0	39,0,0	544	0.06	0.0	0.0	39,0,0
390	ok	555	0.08	0.0	0.0	38,0,0	553	0.09	0.0	0.0	38,0,0
		544	0.07	0.0	0.0	38,0,0	546	0.06	0.0	0.0	38,0,0
391	ok	556	0.05	0.0	0.0	38,0,0	555	0.08	0.0	0.0	38,0,0
		546	0.07	0.0	0.0	38,0,0	547	0.05	0.0	0.0	38,0,0
392	ok	557	0.04	0.0	0.0	38,0,0	556	0.06	0.0	0.0	38,0,0
		547	0.05	0.0	0.0	38,0,0	548	0.03	0.0	0.0	38,0,0
393	ok	558	0.06	0.0	0.0	39,0,0	557	0.04	0.0	0.0	39,0,0
		548	0.03	0.0	0.0	38,0,0	549	0.05	0.0	0.0	39,0,0
394	ok	559	0.10	0.0	0.0	39,0,0	558	0.06	0.0	0.0	39,0,0
		549	0.05	0.0	0.0	39,0,0	550	0.09	0.0	0.0	39,0,0
395	ok	560	0.14	0.0	0.0	39,0,0	559	0.10	0.0	0.0	39,0,0
		550	0.09	0.0	0.0	39,0,0	551	0.12	0.0	0.0	39,0,0
396	ok	561	0.16	0.0	0.0	39,0,0	560	0.13	0.0	0.0	39,0,0
		551	0.11	0.0	0.0	39,0,0	552	0.12	0.0	0.0	39,0,0
397	ok	562	0.14	0.0	0.0	38,0,0	563	0.16	0.0	0.0	39,0,0
		554	0.10	0.0	0.0	39,0,0	553	0.08	0.0	0.0	39,0,0
398	ok	564	0.10	0.0	0.0	58,0,0	562	0.12	0.0	0.0	38,0,0
		553	0.09	0.0	0.0	38,0,0	555	0.07	0.0	0.0	38,0,0
399	ok	565	0.06	0.0	0.0	36,0,0	564	0.08	0.0	0.0	58,0,0
		555	0.08	0.0	0.0	38,0,0	556	0.05	0.0	0.0	38,0,0
400	ok	566	0.06	0.0	0.0	39,0,0	565	0.06	0.0	0.0	39,0,0
		556	0.06	0.0	0.0	38,0,0	557	0.04	0.0	0.0	39,0,0
401	ok	567	0.07	0.0	0.0	39,0,0	566	0.06	0.0	0.0	39,0,0
		557	0.05	0.0	0.0	39,0,0	558	0.07	0.0	0.0	39,0,0
402	ok	568	0.09	0.0	0.0	39,0,0	567	0.06	0.0	0.0	39,0,0
		558	0.06	0.0	0.0	39,0,0	559	0.10	0.0	0.0	39,0,0
403	ok	569	0.15	0.0	0.0	39,0,0	568	0.09	0.0	0.0	39,0,0
		559	0.10	0.0	0.0	39,0,0	560	0.15	0.0	0.0	39,0,0
404	ok	570	0.25	0.0	0.0	39,0,0	569	0.15	0.0	0.0	39,0,0
		560	0.14	0.0	0.0	39,0,0	561	0.16	0.0	0.0	39,0,0
405	ok	571	0.38	0.0	0.0	58,0,0	572	0.31	0.0	0.0	39,0,0
		563	0.38	0.0	0.0	58,0,0	562	0.14	0.0	0.0	58,0,0
406	ok	573	0.17	0.0	0.0	36,0,0	571	0.18	0.0	0.0	48,0,0
		562	0.14	0.0	0.0	58,0,0	564	0.09	0.0	0.0	64,0,0
407	ok	574	0.11	0.0	0.0	39,0,0	573	0.13	0.0	0.0	39,0,0
		564	0.09	0.0	0.0	48,0,0	565	0.07	0.0	0.0	39,0,0
408	ok	575	0.09	0.0	0.0	39,0,0	574	0.10	0.0	0.0	39,0,0
		565	0.07	0.0	0.0	39,0,0	566	0.07	0.0	0.0	39,0,0
409	ok	576	0.06	0.0	0.0	39,0,0	575	0.08	0.0	0.0	39,0,0
		566	0.06	0.0	0.0	39,0,0	567	0.07	0.0	0.0	39,0,0
410	ok	577	0.09	0.0	0.0	39,0,0	576	0.06	0.0	0.0	39,0,0
		567	0.06	0.0	0.0	39,0,0	568	0.09	0.0	0.0	39,0,0
411	ok	578	0.14	0.0	0.0	39,0,0	577	0.09	0.0	0.0	39,0,0
		568	0.08	0.0	0.0	39,0,0	569	0.17	0.0	0.0	39,0,0
412	ok	579	0.52	0.0	0.0	39,0,0	578	0.16	0.0	0.0	39,0,0
		569	0.17	0.0	0.0	39,0,0	570	0.25	0.0	0.0	39,0,0
413	ok	580	1.00	0.0	0.0	39,0,0	1361	0.72	0.0	0.0	39,0,0
		572	0.44	0.0	0.0	40,0,0	571	0.55	0.0	0.0	48,0,0
414	ok	581	0.29	0.0	0.0	61,0,0	1362	0.32	0.0	0.0	39,0,0
		571	0.22	0.0	0.0	40,0,0	573	0.15	0.0	0.0	39,0,0
415	ok	582	0.18	0.0	0.0	39,0,0	1363	0.19	0.0	0.0	39,0,0
		573	0.15	0.0	0.0	39,0,0	574	0.11	0.0	0.0	39,0,0
416	ok	583	0.13	0.0	0.0	39,0,0	1364	0.14	0.0	0.0	39,0,0
		574	0.11	0.0	0.0	39,0,0	575	0.08	0.0	0.0	39,0,0
417	ok	584	0.11	0.0	0.0	59,0,0	1365	0.09	0.0	0.0	39,0,0
		575	0.08	0.0	0.0	39,0,0	576	0.05	0.0	0.0	39,0,0
418	ok	585	0.10	0.0	0.0	35,0,0	1366	0.05	0.0	0.0	59,0,0
		576	0.05	0.0	0.0	39,0,0	577	0.09	0.0	0.0	39,0,0
419	ok	586	0.10	0.0	0.0	39,0,0	1367	0.07	0.0	0.0	39,0,0
		577	0.07	0.0	0.0	39,0,0	578	0.21	0.0	0.0	39,0,0
421	ok	589	0.36	0.0	0.0	36,0,0	984	0.59	0.0	0.0	36,0,0
		587	0.18	0.0	0.0	34,0,0	588	0.29	0.0	0.0	55,0,0
422	ok	588	0.15	0.0	0.0	53,0,0	587	0.19	0.0	0.0	56,0,0
		590	0.55	0.0	0.0	36,0,0	591	0.10	0.0	0.0	56,0,0
423	ok	591	0.06	0.0	0.0	35,0,0	590	0.05	0.0	0.0	50,0,0
		592	0.06	0.0	0.0	33,0,0	593	0.04	0.0	0.0	50,0,0
424	ok	593	0.04	0.0	0.0	34,0,0	592	0.04	0.0	0.0	50,0,0
		594	0.03	0.0	0.0	50,0,0	595	0.03	0.0	0.0	34,0,0
425	ok	595	0.04	0.0	0.0	34,0,0	594	0.04	0.0	0.0	34,0,0
		596	0.03	0.0	0.0	34,0,0	597	0.03	0.0	0.0	34,0,0
426	ok	597	0.04	0.0	0.0	34,0,0	596	0.04	0.0	0.0	34,0,0
		598	0.04	0.0	0.0	34,0,0	599	0.04	0.0	0.0	34,0,0

427	ok	599	0.04	0.0	0.0	38,0,0	598	0.05	0.0	0.0	38,0,0
		600	0.04	0.0	0.0	38,0,0	601	0.04	0.0	0.0	38,0,0
428	ok	601	0.05	0.0	0.0	38,0,0	600	0.06	0.0	0.0	39,0,0
		45	0.06	0.0	0.0	38,0,0	602	0.05	0.0	0.0	38,0,0
429	ok	604	0.21	0.0	0.0	36,0,0	985	0.35	0.0	0.0	36,0,0
		588	0.04	0.0	0.0	33,0,0	603	0.08	0.0	0.0	52,0,0
430	ok	603	0.08	0.0	0.0	52,0,0	588	0.06	0.0	0.0	37,0,0
		591	0.06	0.0	0.0	49,0,0	605	0.04	0.0	0.0	49,0,0
431	ok	605	0.05	0.0	0.0	53,0,0	591	0.06	0.0	0.0	38,0,0
		593	0.06	0.0	0.0	35,0,0	606	0.04	0.0	0.0	35,0,0
432	ok	606	0.03	0.0	0.0	55,0,0	593	0.04	0.0	0.0	34,0,0
		595	0.03	0.0	0.0	34,0,0	607	0.02	0.0	0.0	35,0,0
433	ok	607	0.03	0.0	0.0	38,0,0	595	0.04	0.0	0.0	34,0,0
		597	0.03	0.0	0.0	34,0,0	608	0.03	0.0	0.0	34,0,0
434	ok	608	0.03	0.0	0.0	34,0,0	597	0.04	0.0	0.0	34,0,0
		599	0.04	0.0	0.0	34,0,0	609	0.03	0.0	0.0	34,0,0
435	ok	609	0.04	0.0	0.0	38,0,0	599	0.04	0.0	0.0	38,0,0
		601	0.04	0.0	0.0	38,0,0	610	0.04	0.0	0.0	38,0,0
436	ok	610	0.05	0.0	0.0	37,0,0	601	0.05	0.0	0.0	38,0,0
		602	0.05	0.0	0.0	38,0,0	611	0.05	0.0	0.0	37,0,0
437	ok	613	0.15	0.0	0.0	36,0,0	986	0.23	0.0	0.0	36,0,0
		603	0.07	0.0	0.0	52,0,0	612	0.09	0.0	0.0	52,0,0
438	ok	612	0.08	0.0	0.0	56,0,0	603	0.04	0.0	0.0	56,0,0
		605	0.04	0.0	0.0	53,0,0	614	0.03	0.0	0.0	53,0,0
439	ok	614	0.03	0.0	0.0	51,0,0	605	0.04	0.0	0.0	51,0,0
		606	0.04	0.0	0.0	35,0,0	615	0.02	0.0	0.0	51,0,0
440	ok	615	0.02	0.0	0.0	33,0,0	606	0.03	0.0	0.0	51,0,0
		607	0.03	0.0	0.0	55,0,0	616	0.02	0.0	0.0	35,0,0
441	ok	616	0.02	0.0	0.0	39,0,0	607	0.03	0.0	0.0	39,0,0
		608	0.03	0.0	0.0	38,0,0	617	0.02	0.0	0.0	39,0,0
442	ok	617	0.03	0.0	0.0	38,0,0	608	0.03	0.0	0.0	38,0,0
		609	0.03	0.0	0.0	34,0,0	618	0.03	0.0	0.0	34,0,0
443	ok	618	0.04	0.0	0.0	38,0,0	609	0.04	0.0	0.0	38,0,0
		610	0.04	0.0	0.0	38,0,0	619	0.04	0.0	0.0	38,0,0
444	ok	619	0.04	0.0	0.0	37,0,0	610	0.05	0.0	0.0	37,0,0
		611	0.04	0.0	0.0	37,0,0	620	0.04	0.0	0.0	37,0,0
445	ok	622	0.14	0.0	0.0	36,0,0	987	0.18	0.0	0.0	36,0,0
		612	0.07	0.0	0.0	56,0,0	621	0.08	0.0	0.0	60,0,0
446	ok	621	0.08	0.0	0.0	52,0,0	612	0.06	0.0	0.0	56,0,0
		614	0.03	0.0	0.0	53,0,0	623	0.02	0.0	0.0	53,0,0
447	ok	623	0.02	0.0	0.0	51,0,0	614	0.03	0.0	0.0	51,0,0
		615	0.03	0.0	0.0	51,0,0	624	0.02	0.0	0.0	33,0,0
448	ok	624	0.02	0.0	0.0	33,0,0	615	0.02	0.0	0.0	35,0,0
		616	0.02	0.0	0.0	51,0,0	625	0.02	0.0	0.0	51,0,0
449	ok	625	0.02	0.0	0.0	35,0,0	616	0.03	0.0	0.0	39,0,0
		617	0.03	0.0	0.0	39,0,0	626	0.02	0.0	0.0	35,0,0
450	ok	626	0.03	0.0	0.0	39,0,0	617	0.03	0.0	0.0	39,0,0
		618	0.03	0.0	0.0	38,0,0	627	0.03	0.0	0.0	38,0,0
451	ok	627	0.03	0.0	0.0	38,0,0	618	0.04	0.0	0.0	38,0,0
		619	0.04	0.0	0.0	38,0,0	628	0.03	0.0	0.0	38,0,0
452	ok	628	0.04	0.0	0.0	37,0,0	619	0.04	0.0	0.0	37,0,0
		620	0.04	0.0	0.0	37,0,0	629	0.04	0.0	0.0	37,0,0
453	ok	631	0.13	0.0	0.0	39,0,0	988	0.16	0.0	0.0	39,0,0
		621	0.07	0.0	0.0	60,0,0	630	0.06	0.0	0.0	52,0,0
454	ok	630	0.07	0.0	0.0	52,0,0	621	0.07	0.0	0.0	52,0,0
		623	0.02	0.0	0.0	53,0,0	632	0.03	0.0	0.0	54,0,0
455	ok	632	0.03	0.0	0.0	54,0,0	623	0.02	0.0	0.0	51,0,0
		624	0.02	0.0	0.0	33,0,0	633	0.02	0.0	0.0	50,0,0
456	ok	633	0.02	0.0	0.0	50,0,0	624	0.02	0.0	0.0	33,0,0
		625	0.02	0.0	0.0	51,0,0	634	0.02	0.0	0.0	52,0,0
457	ok	634	0.02	0.0	0.0	39,0,0	625	0.02	0.0	0.0	35,0,0
		626	0.02	0.0	0.0	35,0,0	635	0.02	0.0	0.0	50,0,0
458	ok	635	0.02	0.0	0.0	39,0,0	626	0.03	0.0	0.0	39,0,0
		627	0.03	0.0	0.0	39,0,0	636	0.03	0.0	0.0	34,0,0
459	ok	636	0.03	0.0	0.0	37,0,0	627	0.03	0.0	0.0	38,0,0
		628	0.03	0.0	0.0	38,0,0	637	0.03	0.0	0.0	37,0,0
460	ok	637	0.04	0.0	0.0	37,0,0	628	0.04	0.0	0.0	37,0,0
		629	0.04	0.0	0.0	37,0,0	638	0.04	0.0	0.0	37,0,0
461	ok	640	0.14	0.0	0.0	35,0,0	989	0.14	0.0	0.0	39,0,0
		630	0.06	0.0	0.0	60,0,0	639	0.06	0.0	0.0	51,0,0
462	ok	639	0.04	0.0	0.0	51,0,0	630	0.05	0.0	0.0	52,0,0
		632	0.02	0.0	0.0	54,0,0	641	0.03	0.0	0.0	54,0,0
463	ok	641	0.02	0.0	0.0	54,0,0	632	0.02	0.0	0.0	54,0,0
		633	0.02	0.0	0.0	50,0,0	642	0.03	0.0	0.0	54,0,0
464	ok	642	0.02	0.0	0.0	54,0,0	633	0.02	0.0	0.0	50,0,0
		634	0.02	0.0	0.0	52,0,0	643	0.02	0.0	0.0	56,0,0
465	ok	643	0.02	0.0	0.0	50,0,0	634	0.02	0.0	0.0	35,0,0

		635	0.02	0.0	0.0	35,0,0	644	0.02	0.0	0.0	50,0,0
466	ok	644	0.03	0.0	0.0	34,0,0	635	0.03	0.0	0.0	35,0,0
		636	0.03	0.0	0.0	38,0,0	645	0.03	0.0	0.0	34,0,0
467	ok	645	0.03	0.0	0.0	37,0,0	636	0.03	0.0	0.0	37,0,0
		637	0.03	0.0	0.0	37,0,0	646	0.04	0.0	0.0	37,0,0
468	ok	646	0.04	0.0	0.0	37,0,0	637	0.04	0.0	0.0	37,0,0
		638	0.04	0.0	0.0	37,0,0	647	0.04	0.0	0.0	37,0,0
469	ok	649	0.17	0.0	0.0	51,0,0	990	0.16	0.0	0.0	35,0,0
		639	0.05	0.0	0.0	51,0,0	648	0.07	0.0	0.0	49,0,0
470	ok	648	0.05	0.0	0.0	49,0,0	639	0.05	0.0	0.0	51,0,0
		641	0.02	0.0	0.0	33,0,0	650	0.04	0.0	0.0	54,0,0
471	ok	650	0.04	0.0	0.0	54,0,0	641	0.02	0.0	0.0	54,0,0
		642	0.02	0.0	0.0	54,0,0	651	0.04	0.0	0.0	54,0,0
472	ok	651	0.04	0.0	0.0	50,0,0	642	0.02	0.0	0.0	50,0,0
		643	0.02	0.0	0.0	52,0,0	652	0.03	0.0	0.0	50,0,0
473	ok	652	0.04	0.0	0.0	52,0,0	643	0.02	0.0	0.0	35,0,0
		644	0.02	0.0	0.0	54,0,0	653	0.03	0.0	0.0	54,0,0
474	ok	653	0.03	0.0	0.0	35,0,0	644	0.03	0.0	0.0	39,0,0
		645	0.03	0.0	0.0	46,0,0	654	0.03	0.0	0.0	46,0,0
475	ok	654	0.03	0.0	0.0	37,0,0	645	0.03	0.0	0.0	37,0,0
		646	0.04	0.0	0.0	37,0,0	655	0.04	0.0	0.0	37,0,0
476	ok	655	0.04	0.0	0.0	37,0,0	646	0.04	0.0	0.0	37,0,0
		647	0.04	0.0	0.0	37,0,0	656	0.05	0.0	0.0	37,0,0
477	ok	658	0.20	0.0	0.0	51,0,0	991	0.20	0.0	0.0	51,0,0
		648	0.06	0.0	0.0	49,0,0	657	0.10	0.0	0.0	33,0,0
478	ok	657	0.07	0.0	0.0	42,0,0	648	0.06	0.0	0.0	53,0,0
		650	0.04	0.0	0.0	54,0,0	659	0.06	0.0	0.0	54,0,0
479	ok	659	0.06	0.0	0.0	54,0,0	650	0.04	0.0	0.0	54,0,0
		651	0.03	0.0	0.0	54,0,0	660	0.06	0.0	0.0	54,0,0
480	ok	660	0.06	0.0	0.0	52,0,0	651	0.04	0.0	0.0	52,0,0
		652	0.03	0.0	0.0	36,0,0	661	0.04	0.0	0.0	54,0,0
481	ok	661	0.05	0.0	0.0	52,0,0	652	0.03	0.0	0.0	52,0,0
		653	0.02	0.0	0.0	35,0,0	662	0.03	0.0	0.0	52,0,0
482	ok	662	0.03	0.0	0.0	52,0,0	653	0.03	0.0	0.0	35,0,0
		654	0.03	0.0	0.0	33,0,0	663	0.03	0.0	0.0	33,0,0
483	ok	663	0.04	0.0	0.0	33,0,0	654	0.03	0.0	0.0	37,0,0
		655	0.04	0.0	0.0	33,0,0	664	0.04	0.0	0.0	37,0,0
484	ok	664	0.05	0.0	0.0	33,0,0	655	0.04	0.0	0.0	37,0,0
		656	0.05	0.0	0.0	37,0,0	665	0.05	0.0	0.0	37,0,0
485	ok	667	0.11	0.0	0.0	38,0,0	992	0.32	0.0	0.0	35,0,0
		657	0.11	0.0	0.0	38,0,0	666	0.12	0.0	0.0	38,0,0
486	ok	666	0.10	0.0	0.0	38,0,0	657	0.09	0.0	0.0	34,0,0
		659	0.05	0.0	0.0	50,0,0	668	0.08	0.0	0.0	58,0,0
487	ok	668	0.07	0.0	0.0	53,0,0	659	0.06	0.0	0.0	54,0,0
		660	0.04	0.0	0.0	52,0,0	669	0.05	0.0	0.0	52,0,0
488	ok	669	0.05	0.0	0.0	51,0,0	660	0.05	0.0	0.0	52,0,0
		661	0.03	0.0	0.0	51,0,0	670	0.04	0.0	0.0	51,0,0
489	ok	670	0.04	0.0	0.0	35,0,0	661	0.04	0.0	0.0	35,0,0
		662	0.03	0.0	0.0	35,0,0	671	0.03	0.0	0.0	35,0,0
490	ok	671	0.04	0.0	0.0	35,0,0	662	0.03	0.0	0.0	35,0,0
		663	0.03	0.0	0.0	33,0,0	672	0.03	0.0	0.0	33,0,0
491	ok	672	0.04	0.0	0.0	49,0,0	663	0.04	0.0	0.0	49,0,0
		664	0.04	0.0	0.0	49,0,0	673	0.05	0.0	0.0	49,0,0
492	ok	673	0.05	0.0	0.0	33,0,0	664	0.05	0.0	0.0	33,0,0
		665	0.05	0.0	0.0	37,0,0	674	0.06	0.0	0.0	37,0,0
494	ok	675	0.26	0.0	0.0	59,0,0	666	0.27	0.0	0.0	38,0,0
		668	0.10	0.0	0.0	53,0,0	676	0.38	0.0	0.0	33,0,0
495	ok	676	0.10	0.0	0.0	51,0,0	668	0.08	0.0	0.0	51,0,0
		669	0.06	0.0	0.0	51,0,0	677	0.06	0.0	0.0	51,0,0
496	ok	677	0.07	0.0	0.0	51,0,0	669	0.06	0.0	0.0	51,0,0
		670	0.04	0.0	0.0	51,0,0	678	0.05	0.0	0.0	51,0,0
497	ok	678	0.05	0.0	0.0	35,0,0	670	0.05	0.0	0.0	35,0,0
		671	0.04	0.0	0.0	35,0,0	679	0.04	0.0	0.0	35,0,0
498	ok	679	0.04	0.0	0.0	35,0,0	671	0.04	0.0	0.0	35,0,0
		672	0.04	0.0	0.0	49,0,0	680	0.03	0.0	0.0	49,0,0
499	ok	680	0.04	0.0	0.0	49,0,0	672	0.04	0.0	0.0	49,0,0
		673	0.05	0.0	0.0	49,0,0	681	0.05	0.0	0.0	49,0,0
500	ok	681	0.05	0.0	0.0	52,0,0	673	0.05	0.0	0.0	49,0,0
		674	0.06	0.0	0.0	37,0,0	27	0.07	0.0	0.0	33,0,0
501	ok	15	0.13	0.0	0.0	63,0,0	473	0.42	0.0	0.0	42,0,0
		682	0.29	0.0	0.0	39,0,0	471	0.40	0.0	0.0	41,0,0
502	ok	31	0.67	0.0	0.0	39,0,0	682	0.93	0.0	0.0	42,0,0
		683	0.28	0.0	0.0	42,0,0	474	0.30	0.0	0.0	49,0,0
503	ok	474	0.33	0.0	0.0	35,0,0	683	0.37	0.0	0.0	46,0,0
		684	0.14	0.0	0.0	43,0,0	476	0.26	0.0	0.0	39,0,0
504	ok	476	0.17	0.0	0.0	47,0,0	684	0.12	0.0	0.0	47,0,0
		685	0.12	0.0	0.0	47,0,0	478	0.13	0.0	0.0	47,0,0

505	ok	478	0.13	0.0	0.0	47,0,0	685	0.12	0.0	0.0	47,0,0
		686	0.12	0.0	0.0	47,0,0	480	0.12	0.0	0.0	47,0,0
506	ok	480	0.12	0.0	0.0	47,0,0	686	0.11	0.0	0.0	47,0,0
		687	0.11	0.0	0.0	47,0,0	482	0.11	0.0	0.0	47,0,0
507	ok	482	0.11	0.0	0.0	39,0,0	687	0.10	0.0	0.0	39,0,0
		688	0.10	0.0	0.0	47,0,0	484	0.10	0.0	0.0	47,0,0
508	ok	484	0.11	0.0	0.0	39,0,0	688	0.11	0.0	0.0	39,0,0
		689	0.11	0.0	0.0	39,0,0	486	0.12	0.0	0.0	39,0,0
509	ok	486	0.14	0.0	0.0	39,0,0	689	0.13	0.0	0.0	39,0,0
		690	0.14	0.0	0.0	39,0,0	488	0.14	0.0	0.0	39,0,0
510	ok	488	0.22	0.0	0.0	38,0,0	690	0.16	0.0	0.0	39,0,0
		691	0.18	0.0	0.0	38,0,0	14	0.17	0.0	0.0	39,0,0
511	ok	473	0.40	0.0	0.0	46,0,0	475	0.34	0.0	0.0	40,0,0
		692	0.16	0.0	0.0	47,0,0	682	0.26	0.0	0.0	39,0,0
512	ok	682	0.48	0.0	0.0	39,0,0	692	0.10	0.0	0.0	46,0,0
		693	0.30	0.0	0.0	39,0,0	683	0.09	0.0	0.0	47,0,0
513	ok	683	0.10	0.0	0.0	39,0,0	693	0.24	0.0	0.0	39,0,0
		694	0.11	0.0	0.0	47,0,0	684	0.11	0.0	0.0	39,0,0
514	ok	684	0.10	0.0	0.0	39,0,0	694	0.09	0.0	0.0	39,0,0
		695	0.09	0.0	0.0	39,0,0	685	0.10	0.0	0.0	39,0,0
515	ok	685	0.10	0.0	0.0	47,0,0	695	0.08	0.0	0.0	47,0,0
		696	0.08	0.0	0.0	39,0,0	686	0.09	0.0	0.0	39,0,0
516	ok	686	0.08	0.0	0.0	47,0,0	696	0.08	0.0	0.0	47,0,0
		697	0.07	0.0	0.0	47,0,0	687	0.08	0.0	0.0	39,0,0
517	ok	687	0.07	0.0	0.0	38,0,0	697	0.07	0.0	0.0	47,0,0
		698	0.06	0.0	0.0	47,0,0	688	0.07	0.0	0.0	38,0,0
518	ok	688	0.09	0.0	0.0	38,0,0	698	0.07	0.0	0.0	39,0,0
		699	0.08	0.0	0.0	39,0,0	689	0.08	0.0	0.0	39,0,0
519	ok	689	0.09	0.0	0.0	39,0,0	699	0.09	0.0	0.0	39,0,0
		700	0.09	0.0	0.0	39,0,0	690	0.10	0.0	0.0	39,0,0
520	ok	690	0.11	0.0	0.0	39,0,0	700	0.11	0.0	0.0	39,0,0
		701	0.11	0.0	0.0	39,0,0	691	0.11	0.0	0.0	39,0,0
521	ok	475	0.45	0.0	0.0	46,0,0	487	0.42	0.0	0.0	41,0,0
		702	0.07	0.0	0.0	47,0,0	692	0.20	0.0	0.0	47,0,0
522	ok	692	0.26	0.0	0.0	39,0,0	702	0.19	0.0	0.0	47,0,0
		703	0.33	0.0	0.0	47,0,0	693	0.11	0.0	0.0	47,0,0
523	ok	693	0.13	0.0	0.0	39,0,0	703	0.29	0.0	0.0	39,0,0
		704	0.14	0.0	0.0	39,0,0	694	0.13	0.0	0.0	39,0,0
524	ok	694	0.09	0.0	0.0	39,0,0	704	0.17	0.0	0.0	39,0,0
		705	0.13	0.0	0.0	39,0,0	695	0.08	0.0	0.0	39,0,0
525	ok	695	0.07	0.0	0.0	35,0,0	705	0.14	0.0	0.0	39,0,0
		706	0.10	0.0	0.0	39,0,0	696	0.06	0.0	0.0	38,0,0
526	ok	696	0.06	0.0	0.0	33,0,0	706	0.09	0.0	0.0	39,0,0
		707	0.08	0.0	0.0	39,0,0	697	0.06	0.0	0.0	38,0,0
527	ok	697	0.06	0.0	0.0	33,0,0	707	0.07	0.0	0.0	39,0,0
		708	0.07	0.0	0.0	39,0,0	698	0.06	0.0	0.0	38,0,0
528	ok	698	0.07	0.0	0.0	38,0,0	708	0.08	0.0	0.0	39,0,0
		709	0.08	0.0	0.0	39,0,0	699	0.06	0.0	0.0	41,0,0
529	ok	699	0.07	0.0	0.0	38,0,0	709	0.10	0.0	0.0	39,0,0
		710	0.10	0.0	0.0	39,0,0	700	0.07	0.0	0.0	38,0,0
530	ok	700	0.08	0.0	0.0	38,0,0	710	0.09	0.0	0.0	39,0,0
		711	0.09	0.0	0.0	35,0,0	701	0.08	0.0	0.0	35,0,0
531	ok	487	0.39	0.0	0.0	46,0,0	13	0.29	0.0	0.0	46,0,0
		483	0.11	0.0	0.0	47,0,0	702	0.32	0.0	0.0	47,0,0
532	ok	702	0.51	0.0	0.0	47,0,0	483	0.16	0.0	0.0	46,0,0
		490	0.66	0.0	0.0	44,0,0	703	0.15	0.0	0.0	47,0,0
533	ok	703	0.19	0.0	0.0	47,0,0	490	0.43	0.0	0.0	39,0,0
		489	0.11	0.0	0.0	46,0,0	704	0.31	0.0	0.0	47,0,0
534	ok	704	0.20	0.0	0.0	47,0,0	489	0.11	0.0	0.0	39,0,0
		485	0.23	0.0	0.0	47,0,0	705	0.12	0.0	0.0	43,0,0
535	ok	705	0.13	0.0	0.0	47,0,0	485	0.15	0.0	0.0	47,0,0
		491	0.16	0.0	0.0	47,0,0	706	0.10	0.0	0.0	47,0,0
536	ok	706	0.11	0.0	0.0	39,0,0	491	0.17	0.0	0.0	39,0,0
		472	0.15	0.0	0.0	39,0,0	707	0.09	0.0	0.0	39,0,0
537	ok	707	0.10	0.0	0.0	39,0,0	472	0.15	0.0	0.0	39,0,0
		477	0.13	0.0	0.0	39,0,0	708	0.09	0.0	0.0	38,0,0
538	ok	708	0.12	0.0	0.0	39,0,0	477	0.17	0.0	0.0	39,0,0
		479	0.18	0.0	0.0	39,0,0	709	0.13	0.0	0.0	39,0,0
539	ok	709	0.20	0.0	0.0	39,0,0	479	0.25	0.0	0.0	39,0,0
		481	0.26	0.0	0.0	39,0,0	710	0.21	0.0	0.0	39,0,0
540	ok	710	0.28	0.0	0.0	39,0,0	481	0.35	0.0	0.0	39,0,0
		12	0.28	0.0	0.0	39,0,0	711	0.34	0.0	0.0	39,0,0
542	ok	66	0.80	0.0	0.0	39,0,0	714	0.62	0.0	0.0	39,0,0
		713	0.31	0.0	0.0	39,0,0	712	0.36	0.0	0.0	39,0,0
543	ok	712	0.34	0.0	0.0	39,0,0	713	0.22	0.0	0.0	39,0,0
		716	0.16	0.0	0.0	39,0,0	715	0.08	0.0	0.0	39,0,0
544	ok	715	0.06	0.0	0.0	64,0,0	716	0.07	0.0	0.0	40,0,0

		718	0.06	0.0	0.0	40,0,0	717	0.04	0.0	0.0	37,0,0
545	ok	717	0.06	0.0	0.0	37,0,0	718	0.05	0.0	0.0	37,0,0
		720	0.06	0.0	0.0	37,0,0	719	0.06	0.0	0.0	37,0,0
546	ok	719	0.08	0.0	0.0	37,0,0	720	0.07	0.0	0.0	37,0,0
		722	0.07	0.0	0.0	37,0,0	721	0.08	0.0	0.0	37,0,0
547	ok	721	0.10	0.0	0.0	37,0,0	722	0.09	0.0	0.0	37,0,0
		724	0.09	0.0	0.0	37,0,0	723	0.10	0.0	0.0	37,0,0
548	ok	723	0.12	0.0	0.0	37,0,0	724	0.11	0.0	0.0	37,0,0
		726	0.11	0.0	0.0	37,0,0	725	0.12	0.0	0.0	37,0,0
549	ok	725	0.13	0.0	0.0	37,0,0	726	0.12	0.0	0.0	37,0,0
		727	0.13	0.0	0.0	37,0,0	65	0.12	0.0	0.0	37,0,0
550	ok	714	0.35	0.0	0.0	39,0,0	729	0.54	0.0	0.0	39,0,0
		728	0.24	0.0	0.0	39,0,0	713	0.39	0.0	0.0	39,0,0
551	ok	713	0.35	0.0	0.0	39,0,0	728	0.28	0.0	0.0	39,0,0
		730	0.16	0.0	0.0	39,0,0	716	0.15	0.0	0.0	39,0,0
552	ok	716	0.15	0.0	0.0	39,0,0	730	0.13	0.0	0.0	39,0,0
		731	0.09	0.0	0.0	39,0,0	718	0.09	0.0	0.0	39,0,0
553	ok	718	0.06	0.0	0.0	37,0,0	731	0.06	0.0	0.0	40,0,0
		732	0.06	0.0	0.0	37,0,0	720	0.06	0.0	0.0	37,0,0
554	ok	720	0.07	0.0	0.0	37,0,0	732	0.07	0.0	0.0	37,0,0
		733	0.07	0.0	0.0	37,0,0	722	0.07	0.0	0.0	37,0,0
555	ok	722	0.09	0.0	0.0	37,0,0	733	0.08	0.0	0.0	37,0,0
		734	0.08	0.0	0.0	37,0,0	724	0.09	0.0	0.0	37,0,0
556	ok	724	0.10	0.0	0.0	37,0,0	734	0.09	0.0	0.0	37,0,0
		735	0.09	0.0	0.0	37,0,0	726	0.10	0.0	0.0	37,0,0
557	ok	726	0.10	0.0	0.0	37,0,0	735	0.09	0.0	0.0	37,0,0
		736	0.09	0.0	0.0	37,0,0	727	0.09	0.0	0.0	37,0,0
558	ok	729	0.34	0.0	0.0	39,0,0	738	0.43	0.0	0.0	39,0,0
		737	0.26	0.0	0.0	39,0,0	728	0.31	0.0	0.0	39,0,0
559	ok	728	0.30	0.0	0.0	39,0,0	737	0.30	0.0	0.0	39,0,0
		739	0.19	0.0	0.0	39,0,0	730	0.20	0.0	0.0	39,0,0
560	ok	730	0.18	0.0	0.0	39,0,0	739	0.17	0.0	0.0	39,0,0
		740	0.12	0.0	0.0	39,0,0	731	0.13	0.0	0.0	39,0,0
561	ok	731	0.10	0.0	0.0	40,0,0	740	0.10	0.0	0.0	40,0,0
		741	0.08	0.0	0.0	40,0,0	732	0.08	0.0	0.0	33,0,0
562	ok	732	0.08	0.0	0.0	37,0,0	741	0.08	0.0	0.0	37,0,0
		742	0.08	0.0	0.0	37,0,0	733	0.09	0.0	0.0	37,0,0
563	ok	733	0.09	0.0	0.0	37,0,0	742	0.08	0.0	0.0	37,0,0
		743	0.08	0.0	0.0	37,0,0	734	0.09	0.0	0.0	37,0,0
564	ok	734	0.09	0.0	0.0	37,0,0	743	0.08	0.0	0.0	37,0,0
		744	0.08	0.0	0.0	37,0,0	735	0.09	0.0	0.0	37,0,0
565	ok	735	0.09	0.0	0.0	37,0,0	744	0.07	0.0	0.0	37,0,0
		745	0.07	0.0	0.0	37,0,0	736	0.07	0.0	0.0	37,0,0
566	ok	738	0.30	0.0	0.0	39,0,0	747	0.35	0.0	0.0	39,0,0
		746	0.27	0.0	0.0	39,0,0	737	0.28	0.0	0.0	39,0,0
567	ok	737	0.28	0.0	0.0	39,0,0	746	0.29	0.0	0.0	39,0,0
		748	0.19	0.0	0.0	39,0,0	739	0.20	0.0	0.0	39,0,0
568	ok	739	0.19	0.0	0.0	35,0,0	748	0.19	0.0	0.0	35,0,0
		749	0.14	0.0	0.0	40,0,0	740	0.14	0.0	0.0	40,0,0
569	ok	740	0.12	0.0	0.0	40,0,0	749	0.12	0.0	0.0	40,0,0
		750	0.10	0.0	0.0	40,0,0	741	0.10	0.0	0.0	40,0,0
570	ok	741	0.09	0.0	0.0	37,0,0	750	0.09	0.0	0.0	40,0,0
		751	0.09	0.0	0.0	37,0,0	742	0.09	0.0	0.0	37,0,0
571	ok	742	0.09	0.0	0.0	37,0,0	751	0.08	0.0	0.0	37,0,0
		752	0.08	0.0	0.0	37,0,0	743	0.09	0.0	0.0	37,0,0
572	ok	743	0.09	0.0	0.0	37,0,0	752	0.08	0.0	0.0	37,0,0
		753	0.08	0.0	0.0	37,0,0	744	0.08	0.0	0.0	37,0,0
573	ok	744	0.08	0.0	0.0	37,0,0	753	0.07	0.0	0.0	37,0,0
		754	0.06	0.0	0.0	37,0,0	745	0.06	0.0	0.0	37,0,0
574	ok	747	0.29	0.0	0.0	39,0,0	756	0.33	0.0	0.0	39,0,0
		755	0.31	0.0	0.0	39,0,0	746	0.28	0.0	0.0	39,0,0
575	ok	746	0.28	0.0	0.0	39,0,0	755	0.28	0.0	0.0	39,0,0
		757	0.18	0.0	0.0	35,0,0	748	0.17	0.0	0.0	35,0,0
576	ok	748	0.18	0.0	0.0	35,0,0	757	0.18	0.0	0.0	40,0,0
		758	0.15	0.0	0.0	40,0,0	749	0.15	0.0	0.0	40,0,0
577	ok	749	0.14	0.0	0.0	40,0,0	758	0.14	0.0	0.0	40,0,0
		759	0.12	0.0	0.0	40,0,0	750	0.11	0.0	0.0	40,0,0
578	ok	750	0.10	0.0	0.0	40,0,0	759	0.10	0.0	0.0	40,0,0
		760	0.09	0.0	0.0	40,0,0	751	0.10	0.0	0.0	37,0,0
579	ok	751	0.09	0.0	0.0	37,0,0	760	0.08	0.0	0.0	37,0,0
		761	0.09	0.0	0.0	37,0,0	752	0.09	0.0	0.0	37,0,0
580	ok	752	0.09	0.0	0.0	37,0,0	761	0.08	0.0	0.0	37,0,0
		762	0.08	0.0	0.0	37,0,0	753	0.08	0.0	0.0	37,0,0
581	ok	753	0.08	0.0	0.0	37,0,0	762	0.07	0.0	0.0	37,0,0
		763	0.06	0.0	0.0	37,0,0	754	0.06	0.0	0.0	35,0,0
582	ok	756	0.68	0.0	0.0	39,0,0	765	0.65	0.0	0.0	39,0,0
		764	0.18	0.0	0.0	39,0,0	755	0.17	0.0	0.0	39,0,0

583	ok	755	0.22	0.0	0.0	39,0,0	764	0.23	0.0	0.0	39,0,0
		766	0.18	0.0	0.0	40,0,0	757	0.18	0.0	0.0	40,0,0
584	ok	757	0.18	0.0	0.0	40,0,0	766	0.19	0.0	0.0	40,0,0
		767	0.15	0.0	0.0	40,0,0	758	0.15	0.0	0.0	40,0,0
585	ok	758	0.15	0.0	0.0	40,0,0	767	0.15	0.0	0.0	40,0,0
		768	0.13	0.0	0.0	40,0,0	759	0.12	0.0	0.0	40,0,0
586	ok	759	0.11	0.0	0.0	40,0,0	768	0.12	0.0	0.0	40,0,0
		769	0.10	0.0	0.0	40,0,0	760	0.10	0.0	0.0	40,0,0
587	ok	760	0.09	0.0	0.0	40,0,0	769	0.09	0.0	0.0	40,0,0
		770	0.09	0.0	0.0	40,0,0	761	0.09	0.0	0.0	37,0,0
588	ok	761	0.08	0.0	0.0	37,0,0	770	0.08	0.0	0.0	37,0,0
		771	0.08	0.0	0.0	37,0,0	762	0.08	0.0	0.0	37,0,0
589	ok	762	0.07	0.0	0.0	37,0,0	771	0.07	0.0	0.0	37,0,0
		772	0.06	0.0	0.0	40,0,0	763	0.07	0.0	0.0	35,0,0
590	ok	765	0.17	0.0	0.0	39,0,0	774	0.25	0.0	0.0	39,0,0
		773	0.20	0.0	0.0	39,0,0	764	0.28	0.0	0.0	39,0,0
591	ok	764	0.24	0.0	0.0	39,0,0	773	0.25	0.0	0.0	39,0,0
		775	0.17	0.0	0.0	40,0,0	766	0.18	0.0	0.0	40,0,0
592	ok	766	0.18	0.0	0.0	40,0,0	775	0.18	0.0	0.0	40,0,0
		776	0.15	0.0	0.0	40,0,0	767	0.15	0.0	0.0	40,0,0
593	ok	767	0.15	0.0	0.0	40,0,0	776	0.15	0.0	0.0	40,0,0
		777	0.13	0.0	0.0	40,0,0	768	0.13	0.0	0.0	40,0,0
594	ok	768	0.12	0.0	0.0	40,0,0	777	0.12	0.0	0.0	40,0,0
		778	0.11	0.0	0.0	40,0,0	769	0.11	0.0	0.0	40,0,0
595	ok	769	0.10	0.0	0.0	40,0,0	778	0.10	0.0	0.0	40,0,0
		779	0.09	0.0	0.0	40,0,0	770	0.09	0.0	0.0	40,0,0
596	ok	770	0.08	0.0	0.0	40,0,0	779	0.08	0.0	0.0	40,0,0
		780	0.08	0.0	0.0	40,0,0	771	0.08	0.0	0.0	40,0,0
597	ok	771	0.07	0.0	0.0	37,0,0	780	0.08	0.0	0.0	35,0,0
		781	0.08	0.0	0.0	40,0,0	772	0.08	0.0	0.0	40,0,0
598	ok	774	0.13	0.0	0.0	39,0,0	783	0.20	0.0	0.0	39,0,0
		782	0.16	0.0	0.0	39,0,0	773	0.19	0.0	0.0	39,0,0
599	ok	773	0.19	0.0	0.0	39,0,0	782	0.19	0.0	0.0	39,0,0
		784	0.15	0.0	0.0	40,0,0	775	0.16	0.0	0.0	40,0,0
600	ok	775	0.17	0.0	0.0	40,0,0	784	0.17	0.0	0.0	40,0,0
		785	0.14	0.0	0.0	40,0,0	776	0.15	0.0	0.0	40,0,0
601	ok	776	0.15	0.0	0.0	40,0,0	785	0.15	0.0	0.0	40,0,0
		786	0.13	0.0	0.0	40,0,0	777	0.13	0.0	0.0	40,0,0
602	ok	777	0.13	0.0	0.0	36,0,0	786	0.13	0.0	0.0	36,0,0
		787	0.11	0.0	0.0	36,0,0	778	0.11	0.0	0.0	36,0,0
603	ok	778	0.11	0.0	0.0	40,0,0	787	0.11	0.0	0.0	40,0,0
		788	0.10	0.0	0.0	40,0,0	779	0.10	0.0	0.0	40,0,0
604	ok	779	0.09	0.0	0.0	40,0,0	788	0.09	0.0	0.0	40,0,0
		789	0.09	0.0	0.0	40,0,0	780	0.09	0.0	0.0	40,0,0
605	ok	780	0.08	0.0	0.0	40,0,0	789	0.08	0.0	0.0	40,0,0
		790	0.08	0.0	0.0	40,0,0	781	0.08	0.0	0.0	40,0,0
606	ok	783	0.12	0.0	0.0	39,0,0	792	0.18	0.0	0.0	40,0,0
		791	0.12	0.0	0.0	39,0,0	782	0.15	0.0	0.0	36,0,0
607	ok	782	0.15	0.0	0.0	36,0,0	791	0.16	0.0	0.0	40,0,0
		793	0.14	0.0	0.0	40,0,0	784	0.14	0.0	0.0	40,0,0
608	ok	784	0.15	0.0	0.0	40,0,0	793	0.15	0.0	0.0	40,0,0
		794	0.14	0.0	0.0	40,0,0	785	0.14	0.0	0.0	40,0,0
609	ok	785	0.14	0.0	0.0	40,0,0	794	0.14	0.0	0.0	40,0,0
		795	0.13	0.0	0.0	40,0,0	786	0.13	0.0	0.0	40,0,0
610	ok	786	0.13	0.0	0.0	40,0,0	795	0.13	0.0	0.0	40,0,0
		796	0.11	0.0	0.0	40,0,0	787	0.11	0.0	0.0	40,0,0
611	ok	787	0.11	0.0	0.0	40,0,0	796	0.11	0.0	0.0	40,0,0
		797	0.10	0.0	0.0	40,0,0	788	0.10	0.0	0.0	40,0,0
612	ok	788	0.09	0.0	0.0	40,0,0	797	0.10	0.0	0.0	40,0,0
		798	0.09	0.0	0.0	40,0,0	789	0.09	0.0	0.0	40,0,0
613	ok	789	0.08	0.0	0.0	40,0,0	798	0.09	0.0	0.0	40,0,0
		799	0.08	0.0	0.0	40,0,0	790	0.09	0.0	0.0	40,0,0
614	ok	792	0.10	0.0	0.0	61,0,0	801	0.17	0.0	0.0	40,0,0
		800	0.10	0.0	0.0	36,0,0	791	0.13	0.0	0.0	40,0,0
615	ok	791	0.12	0.0	0.0	40,0,0	800	0.14	0.0	0.0	40,0,0
		802	0.12	0.0	0.0	40,0,0	793	0.12	0.0	0.0	40,0,0
616	ok	793	0.13	0.0	0.0	40,0,0	802	0.14	0.0	0.0	40,0,0
		803	0.12	0.0	0.0	40,0,0	794	0.12	0.0	0.0	40,0,0
617	ok	794	0.13	0.0	0.0	40,0,0	803	0.13	0.0	0.0	40,0,0
		804	0.12	0.0	0.0	40,0,0	795	0.12	0.0	0.0	40,0,0
618	ok	795	0.12	0.0	0.0	40,0,0	804	0.12	0.0	0.0	40,0,0
		805	0.11	0.0	0.0	40,0,0	796	0.11	0.0	0.0	40,0,0
619	ok	796	0.11	0.0	0.0	40,0,0	805	0.11	0.0	0.0	40,0,0
		806	0.10	0.0	0.0	40,0,0	797	0.10	0.0	0.0	40,0,0
620	ok	797	0.10	0.0	0.0	40,0,0	806	0.10	0.0	0.0	40,0,0
		807	0.09	0.0	0.0	40,0,0	798	0.09	0.0	0.0	40,0,0
621	ok	798	0.08	0.0	0.0	40,0,0	807	0.09	0.0	0.0	40,0,0

		808	0.08	0.0	0.0	40,0,0	799	0.09	0.0	0.0	40,0,0
622	ok	801	0.10	0.0	0.0	53,0,0	810	0.15	0.0	0.0	40,0,0
		809	0.08	0.0	0.0	40,0,0	800	0.12	0.0	0.0	40,0,0
623	ok	800	0.11	0.0	0.0	40,0,0	809	0.12	0.0	0.0	40,0,0
		811	0.11	0.0	0.0	40,0,0	802	0.11	0.0	0.0	40,0,0
624	ok	802	0.12	0.0	0.0	40,0,0	811	0.12	0.0	0.0	40,0,0
		812	0.11	0.0	0.0	40,0,0	803	0.11	0.0	0.0	40,0,0
625	ok	803	0.12	0.0	0.0	40,0,0	812	0.12	0.0	0.0	40,0,0
		813	0.11	0.0	0.0	40,0,0	804	0.11	0.0	0.0	40,0,0
626	ok	804	0.11	0.0	0.0	40,0,0	813	0.11	0.0	0.0	40,0,0
		814	0.11	0.0	0.0	40,0,0	805	0.11	0.0	0.0	40,0,0
627	ok	805	0.10	0.0	0.0	36,0,0	814	0.10	0.0	0.0	36,0,0
		815	0.10	0.0	0.0	40,0,0	806	0.10	0.0	0.0	40,0,0
628	ok	806	0.09	0.0	0.0	40,0,0	815	0.09	0.0	0.0	40,0,0
		816	0.09	0.0	0.0	40,0,0	807	0.09	0.0	0.0	40,0,0
629	ok	807	0.08	0.0	0.0	40,0,0	816	0.09	0.0	0.0	40,0,0
		817	0.08	0.0	0.0	40,0,0	808	0.08	0.0	0.0	40,0,0
630	ok	810	0.14	0.0	0.0	33,0,0	819	0.12	0.0	0.0	40,0,0
		818	0.08	0.0	0.0	45,0,0	809	0.11	0.0	0.0	40,0,0
631	ok	809	0.11	0.0	0.0	41,0,0	818	0.10	0.0	0.0	40,0,0
		820	0.09	0.0	0.0	40,0,0	811	0.10	0.0	0.0	40,0,0
632	ok	811	0.10	0.0	0.0	40,0,0	820	0.10	0.0	0.0	40,0,0
		821	0.10	0.0	0.0	40,0,0	812	0.10	0.0	0.0	40,0,0
633	ok	812	0.11	0.0	0.0	40,0,0	821	0.11	0.0	0.0	40,0,0
		822	0.10	0.0	0.0	40,0,0	813	0.10	0.0	0.0	40,0,0
634	ok	813	0.11	0.0	0.0	40,0,0	822	0.11	0.0	0.0	40,0,0
		823	0.10	0.0	0.0	40,0,0	814	0.10	0.0	0.0	40,0,0
635	ok	814	0.10	0.0	0.0	36,0,0	823	0.10	0.0	0.0	36,0,0
		824	0.10	0.0	0.0	40,0,0	815	0.09	0.0	0.0	40,0,0
636	ok	815	0.09	0.0	0.0	40,0,0	824	0.09	0.0	0.0	40,0,0
		825	0.09	0.0	0.0	40,0,0	816	0.09	0.0	0.0	40,0,0
637	ok	816	0.08	0.0	0.0	40,0,0	825	0.09	0.0	0.0	40,0,0
		826	0.08	0.0	0.0	40,0,0	817	0.08	0.0	0.0	40,0,0
638	ok	819	0.15	0.0	0.0	37,0,0	828	0.13	0.0	0.0	36,0,0
		827	0.10	0.0	0.0	33,0,0	818	0.09	0.0	0.0	40,0,0
639	ok	818	0.10	0.0	0.0	33,0,0	827	0.09	0.0	0.0	33,0,0
		829	0.08	0.0	0.0	40,0,0	820	0.09	0.0	0.0	40,0,0
640	ok	820	0.09	0.0	0.0	40,0,0	829	0.09	0.0	0.0	40,0,0
		830	0.09	0.0	0.0	40,0,0	821	0.09	0.0	0.0	40,0,0
641	ok	821	0.10	0.0	0.0	40,0,0	830	0.10	0.0	0.0	40,0,0
		831	0.09	0.0	0.0	40,0,0	822	0.09	0.0	0.0	40,0,0
642	ok	822	0.10	0.0	0.0	40,0,0	831	0.10	0.0	0.0	40,0,0
		832	0.09	0.0	0.0	36,0,0	823	0.09	0.0	0.0	36,0,0
643	ok	823	0.09	0.0	0.0	40,0,0	832	0.10	0.0	0.0	36,0,0
		833	0.09	0.0	0.0	40,0,0	824	0.09	0.0	0.0	40,0,0
644	ok	824	0.09	0.0	0.0	40,0,0	833	0.09	0.0	0.0	40,0,0
		834	0.09	0.0	0.0	40,0,0	825	0.09	0.0	0.0	40,0,0
645	ok	825	0.08	0.0	0.0	40,0,0	834	0.09	0.0	0.0	40,0,0
		835	0.07	0.0	0.0	40,0,0	826	0.08	0.0	0.0	40,0,0
646	ok	828	0.17	0.0	0.0	33,0,0	837	0.15	0.0	0.0	33,0,0
		836	0.09	0.0	0.0	33,0,0	827	0.09	0.0	0.0	36,0,0
647	ok	827	0.10	0.0	0.0	33,0,0	836	0.09	0.0	0.0	33,0,0
		838	0.07	0.0	0.0	40,0,0	829	0.08	0.0	0.0	40,0,0
648	ok	829	0.08	0.0	0.0	40,0,0	838	0.08	0.0	0.0	40,0,0
		839	0.08	0.0	0.0	40,0,0	830	0.08	0.0	0.0	40,0,0
649	ok	830	0.08	0.0	0.0	40,0,0	839	0.08	0.0	0.0	40,0,0
		840	0.08	0.0	0.0	40,0,0	831	0.08	0.0	0.0	40,0,0
650	ok	831	0.09	0.0	0.0	40,0,0	840	0.09	0.0	0.0	40,0,0
		841	0.09	0.0	0.0	40,0,0	832	0.08	0.0	0.0	40,0,0
651	ok	832	0.09	0.0	0.0	40,0,0	841	0.09	0.0	0.0	40,0,0
		842	0.09	0.0	0.0	40,0,0	833	0.09	0.0	0.0	40,0,0
652	ok	833	0.09	0.0	0.0	40,0,0	842	0.09	0.0	0.0	40,0,0
		843	0.09	0.0	0.0	40,0,0	834	0.08	0.0	0.0	40,0,0
653	ok	834	0.08	0.0	0.0	40,0,0	843	0.09	0.0	0.0	40,0,0
		844	0.07	0.0	0.0	40,0,0	835	0.08	0.0	0.0	40,0,0
654	ok	837	0.22	0.0	0.0	33,0,0	846	0.25	0.0	0.0	33,0,0
		845	0.09	0.0	0.0	33,0,0	836	0.10	0.0	0.0	37,0,0
655	ok	836	0.09	0.0	0.0	33,0,0	845	0.06	0.0	0.0	40,0,0
		847	0.06	0.0	0.0	36,0,0	838	0.07	0.0	0.0	36,0,0
656	ok	838	0.06	0.0	0.0	36,0,0	847	0.07	0.0	0.0	36,0,0
		848	0.07	0.0	0.0	36,0,0	839	0.07	0.0	0.0	36,0,0
657	ok	839	0.07	0.0	0.0	40,0,0	848	0.07	0.0	0.0	40,0,0
		849	0.07	0.0	0.0	33,0,0	840	0.07	0.0	0.0	40,0,0
658	ok	840	0.08	0.0	0.0	40,0,0	849	0.07	0.0	0.0	40,0,0
		850	0.08	0.0	0.0	40,0,0	841	0.08	0.0	0.0	40,0,0
659	ok	841	0.08	0.0	0.0	40,0,0	850	0.08	0.0	0.0	40,0,0
		851	0.08	0.0	0.0	40,0,0	842	0.08	0.0	0.0	40,0,0

660	ok	842	0.08	0.0	0.0	40,0,0	851	0.09	0.0	0.0	40,0,0
		852	0.09	0.0	0.0	40,0,0	843	0.08	0.0	0.0	40,0,0
661	ok	843	0.08	0.0	0.0	40,0,0	852	0.09	0.0	0.0	40,0,0
		853	0.07	0.0	0.0	40,0,0	844	0.08	0.0	0.0	40,0,0
662	ok	846	0.60	0.0	0.0	33,0,0	36	0.32	0.0	0.0	33,0,0
		70	0.23	0.0	0.0	33,0,0	845	0.13	0.0	0.0	36,0,0
663	ok	845	0.06	0.0	0.0	36,0,0	70	0.04	0.0	0.0	36,0,0
		73	0.07	0.0	0.0	33,0,0	847	0.07	0.0	0.0	36,0,0
664	ok	847	0.07	0.0	0.0	36,0,0	73	0.07	0.0	0.0	37,0,0
		75	0.08	0.0	0.0	33,0,0	848	0.07	0.0	0.0	33,0,0
665	ok	848	0.07	0.0	0.0	33,0,0	75	0.08	0.0	0.0	33,0,0
		77	0.09	0.0	0.0	33,0,0	849	0.08	0.0	0.0	33,0,0
666	ok	849	0.07	0.0	0.0	33,0,0	77	0.09	0.0	0.0	33,0,0
		79	0.08	0.0	0.0	33,0,0	850	0.07	0.0	0.0	33,0,0
667	ok	850	0.07	0.0	0.0	40,0,0	79	0.08	0.0	0.0	40,0,0
		81	0.07	0.0	0.0	40,0,0	851	0.07	0.0	0.0	33,0,0
668	ok	851	0.08	0.0	0.0	40,0,0	81	0.08	0.0	0.0	40,0,0
		83	0.09	0.0	0.0	40,0,0	852	0.08	0.0	0.0	40,0,0
669	ok	852	0.08	0.0	0.0	40,0,0	83	0.10	0.0	0.0	40,0,0
		35	0.08	0.0	0.0	40,0,0	853	0.08	0.0	0.0	40,0,0
1111	ok	1362	0.38	0.0	0.0	39,0,0	580	0.25	0.51	0.99	40,64,64
		571	0.23	0.28	0.98	40,61,61					
1112	ok	1363	0.22	0.0	0.0	39,0,0	581	0.12	0.22	0.97	39,64,64
		573	0.24	0.0	0.0	39,0,0					
1113	ok	1364	0.17	0.0	0.0	39,0,0	582	0.10	0.0	0.0	39,0,0
		574	0.17	0.0	0.0	39,0,0					
1114	ok	1365	0.12	0.0	0.0	39,0,0	583	0.07	0.0	0.0	39,0,0
		575	0.13	0.0	0.0	39,0,0					
1115	ok	1366	0.08	0.0	0.0	39,0,0	584	0.04	0.0	0.0	39,0,0
		576	0.08	0.0	0.0	39,0,0					
1116	ok	1367	0.08	0.0	0.0	39,0,0	585	0.07	0.0	0.0	39,0,0
		577	0.10	0.0	0.0	39,0,0					
1117	ok	1368	0.34	0.32	0.96	47,39,39	586	0.19	0.22	0.95	38,39,39
		578	0.25	0.27	0.95	39,38,38					
1118	ok	984	0.77	0.23	0.96	36,37,37	46	0.57	0.26	0.96	40,40,40
		587	0.22	0.0	0.0	34,0,0					
1119	ok	985	0.44	0.0	0.0	40,0,0	589	0.65	0.0	0.0	40,0,0
		588	0.08	0.0	0.0	33,0,0					
1120	ok	986	0.26	0.0	0.0	36,0,0	604	0.38	0.0	0.0	36,0,0
		603	0.06	0.0	0.0	52,0,0					
1121	ok	987	0.19	0.0	0.0	36,0,0	613	0.25	0.0	0.0	36,0,0
		612	0.06	0.0	0.0	52,0,0					
1122	ok	988	0.16	0.0	0.0	36,0,0	622	0.20	0.0	0.0	36,0,0
		621	0.06	0.0	0.0	60,0,0					
1123	ok	989	0.13	0.0	0.0	36,0,0	631	0.16	0.0	0.0	36,0,0
		630	0.05	0.0	0.0	60,0,0					
1124	ok	990	0.13	0.0	0.0	35,0,0	640	0.14	0.0	0.0	39,0,0
		639	0.06	0.0	0.0	51,0,0					
1125	ok	991	0.17	0.0	0.0	51,0,0	649	0.17	0.0	0.0	51,0,0
		648	0.07	0.0	0.0	33,0,0					
1126	ok	992	0.22	0.0	0.0	51,0,0	658	0.26	0.0	0.0	39,0,0
		657	0.10	0.0	0.0	38,0,0					
1552	ok	260	0.35	0.0	0.0	45,0,0	1933	0.39	0.0	0.0	35,0,0
		1935	0.20	0.0	0.0	48,0,0	263	0.18	0.0	0.0	45,0,0
1553	ok	263	0.15	0.0	0.0	48,0,0	1935	0.21	0.0	0.0	45,0,0
		1936	0.10	0.0	0.0	45,0,0	265	0.11	0.0	0.0	45,0,0
1554	ok	265	0.11	0.0	0.0	45,0,0	1936	0.11	0.0	0.0	45,0,0
		1937	0.06	0.0	0.0	45,0,0	267	0.08	0.0	0.0	45,0,0
1555	ok	267	0.10	0.0	0.0	45,0,0	1937	0.08	0.0	0.0	45,0,0
		1938	0.05	0.0	0.0	45,0,0	269	0.07	0.0	0.0	45,0,0
1556	ok	269	0.09	0.0	0.0	45,0,0	1938	0.07	0.0	0.0	45,0,0
		1939	0.06	0.0	0.0	48,0,0	271	0.07	0.0	0.0	48,0,0
1557	ok	271	0.07	0.0	0.0	48,0,0	1939	0.07	0.0	0.0	48,0,0
		1940	0.11	0.0	0.0	48,0,0	273	0.11	0.0	0.0	48,0,0
1558	ok	273	0.11	0.0	0.0	48,0,0	1940	0.11	0.0	0.0	48,0,0
		1932	0.16	0.0	0.0	48,0,0	5	0.16	0.0	0.0	48,0,0
1561	ok	1943	0.19	0.0	0.0	33,0,0	712	0.18	0.0	0.0	38,0,0
		715	0.11	0.0	0.0	39,0,0	1946	0.14	0.0	0.0	38,0,0
1562	ok	1946	0.13	0.0	0.0	38,0,0	715	0.13	0.0	0.0	38,0,0
		717	0.12	0.0	0.0	38,0,0	1402	0.11	0.0	0.0	38,0,0
1563	ok	1402	0.12	0.0	0.0	38,0,0	717	0.11	0.0	0.0	38,0,0
		719	0.11	0.0	0.0	38,0,0	1944	0.11	0.0	0.0	38,0,0
1564	ok	1944	0.11	0.0	0.0	38,0,0	719	0.11	0.0	0.0	38,0,0
		721	0.11	0.0	0.0	33,0,0	1401	0.11	0.0	0.0	33,0,0
1565	ok	1401	0.12	0.0	0.0	37,0,0	721	0.12	0.0	0.0	37,0,0
		723	0.12	0.0	0.0	37,0,0	1945	0.12	0.0	0.0	37,0,0
1566	ok	1945	0.15	0.0	0.0	37,0,0	723	0.14	0.0	0.0	37,0,0

1567	ok	725	0.14	0.0	0.0	37,0,0	1403	0.14	0.0	0.0	37,0,0
		1403	0.21	0.0	0.0	37,0,0	725	0.18	0.0	0.0	37,0,0
		65	0.20	0.0	0.0	37,0,0	1941	0.16	0.0	0.0	37,0,0
Setto			V N/M	V V/T cls	V V/T acc			V N/M	V V/T cls	V V/T acc	
			4.26	0.93	1.00						